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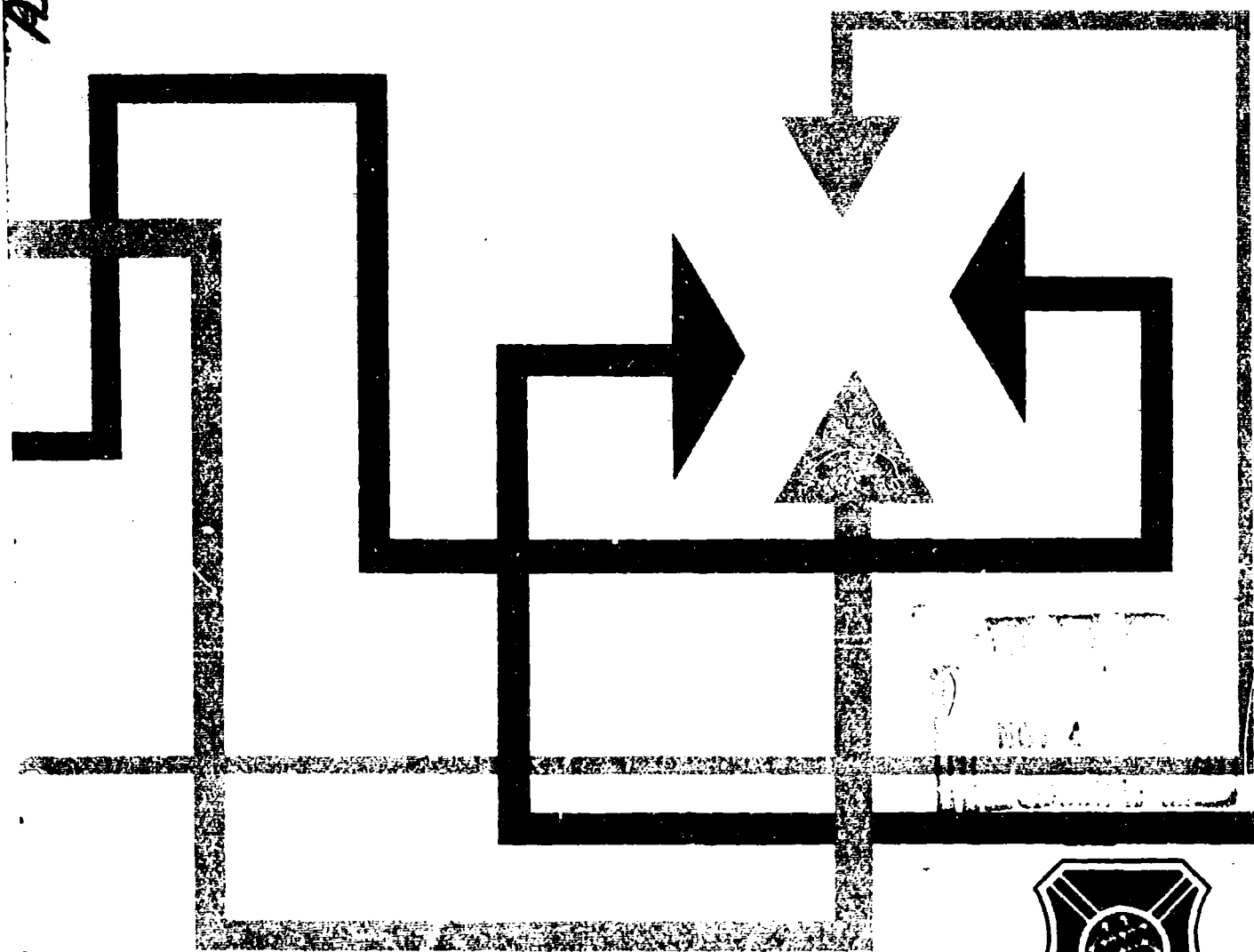
OAR INDEX OF RESEARCH RESULTS

1967★1968



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OAR
INDEX OF RESEARCH RESULTS
1967★1968

Editor
Jacob Seiden

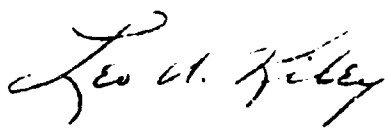
OFFICE OF AEROSPACE RESEARCH
United States Air Force
Arlington, Va.

FOREWORD

This 1967-1968 issue of the *OAR Index of Research Results* represents a continuous effort on the part of the Office of Aerospace Research to assure that the results of OAR research are made available to interested users throughout the scientific community.

By disseminating the results of OAR research included in this *Index* to scientists in industry, in Government and at the universities throughout the world, we not only implement the Air Force responsibility for "coupling" -- i.e., the transfer of OAR research results to potential users, with a resultant feedback to OAR -- but we also aid in fulfilling an even greater Government responsibility, i.e., the broadest dissemination of information possible to the scientific community worldwide.

We hope that this *Index*, representing as it does the results of research conducted by highly competent scientists, both in-house and at university and industry laboratories throughout the world, contributes to this fulfillment.



LEO A. KILEY
Brigadier General, USAF
Commander

INTRODUCTION

The OAR Index of Research Results, 1967-1968 has been so constructed as to permit the user

- to readily identify all scientific and technical reports produced and published by the various OAR subordinate units during the calendar years 1967 and 1968.

- to provide a record of the results of research sponsored by OAR at the AFSC laboratories during this same period.

- to furnish a ready reference for the identification of technical reports produced by particular authors or contractors, or under certain contracts, grants, or projects.

The *Index* is divided into several parts beginning with a Bibliography (Section I) of the results of both OAR-conducted and -sponsored research published during 1967 and 1968. This Bibliography is organized into subsections (A through F) representing AFSC through ORA. Within each subsection the technical reports are arranged alphanumerically according to the report numbers assigned by each organization. Each bibliographic entry includes the following information (if available and applicable): report number; corporate author; title and date; security classification (if classified); name(s) of the author(s); Defense Documentation Center (DDC) accession (AD) number; OAR accession number; contract or grant (instrument) number; and project and task numbers. Several Indexes (Sections II through VII) follow the Bibliography and are keyed to it by the report numbers. These are Corporate-Author, Author, Contract/Grant-Number, Project-Number, AD-Number, and KWIC (Keyword-in-Context)-Type Subject Indexes. (The last-mentioned introduces a new "across-the-page" format, with the keywords to the far left, instead of down the center of the listings as in the 1965-1966 issue. This format should make it easier for the user to follow.) Three Appendices are also included to assist the user to reference pertinent reports to the relevant Air Force R&D organizations and projects.

Every effort has been made to incorporate all research results published during 1967-1968, whether from OAR-conducted or OAR-sponsored research. Questions concerning this publication, or suggestions for improving subsequent *Indexes of Research Results*, should be directed to HQ Office of Aerospace Research (RRYC), 1400 Wilson Boulevard, Arlington, Virginia 22209.

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HQ AFCRL CRH
A PRELIMINARY REPORT ON DOPPLER RADAR OBSERVATION OF TURBULENCE IN A THUNDERSTORM
ESD NO 255 JAN 1967
DAR ACCESS NO.....256570-010
BY DONALDSON R J — DDC NUMBER.....AD649779
INSTR...AFCRL-6672-05-01
PROJECT/TASK.....6672/05

AFCRL 67-0016
WESTINGHOUSE ELECTRIC CORPORATION
BEHAVIOR OF COHERENT MICROWAVE PHONONS AT LOW AL/SUB2/O/SUB TEMPERATURES IN USING VAPOR-DEPOSITED THIN-FILM PIEZOELECTRIC TRANSDUCERS
THE PHYSICAL REVIEW VOL 139 NO 5A PP A1635-A1639 30 AUGUST 1965
DAR ACCESS NO.....268681-001
BY DE KLERK J — DDC NUMBER.....AD646036
INSTR...AF-19(628)-4372
PROJECT/TASK.....8683/01

AFCRL 67-0017
WESTINGHOUSE ELECTRIC CORPORATION
MULTILAYER ENHANCEMENT OF MICROWAVE PIEZOELECTRIC CONVERSION IN CAS-SIO LAYERS
APPLIED PHYSICS LETTERS VOL 7 NO 10 PP 264-265 15 NOVEMBER 1965
DAR ACCESS NO.....268681-002
BY DE KLERK J — DDC NUMBER.....AD646041
KLEMENS P G — INSTR...AF-19(628)-4372
KELLY E F — PROJECT/TASK.....8683/01

AFCRL 67-0019
WESTINGHOUSE ELECTRIC CORPORATION
MULTILAYER THIN FILM PIEZOELECTRIC TRANSDUCERS
IEEE TRANSACTIONS ON SONICS AND ULTRASONICS VOL SU-13 NO 3 PP 99-103 AUGUST 1966
DAR ACCESS NO.....268681-004
BY DE KLERK J — DDC NUMBER.....AD646046
INSTR...AF-19(628)-4372
PROJECT/TASK.....8683/01

B. Air Force Cambridge Research Laboratories - AFCRL

AFCRL 67-- 0003
INTERNATIONAL BUSINESS MACHINES CORP
CAMBRIDGE ATMOSPHERIC DENSITY NUMERICAL INTEGRATION
PROGRAM CADNIP FINAL REPORT AUG 1967
DAR ACCESS NO.....273190-004
BY MHAMSON A S — DDC NUMBER.....AD657038
SLOVEY J — INSTR...AF-19(628)-04192
PROJECT/TASK.....6690/05

AFCRL 67-0001
PHILCO FORD CORP
DEVELOPMENT AND EVALUATION OF 1200 BPS DELTA MODULATION FOR THE KY-565/U VOCODER
2633-M SCIENTIFIC REPORT NO1 NOV 1966
DAR ACCESS NO.....251050-001
BY MITCHELL H A — DDC NUMBER.....AD807373
INSTR...AF-19(628)-05586
PROJECT/TASK.....4610/02

AFCRL 67-0002
PHILCO FORD CORP
DEVELOPMENT AND EVALUATION OF VOCODER SYNTHESIZER FOR THE KY-565/U VOCODER
2633-M SCIENTIFIC REPORT NO 2 NOV 1966
DAR ACCESS NO.....251650-002
BY MITCHELL H A — DDC NUMBER.....AD807574
INSTR...AF-19(628)-05586
PROJECT/TASK.....4610/02

AFCRL 67-0003
HQ AFCRL CRD
AEROSOL MEASUREMENTS IN THE TROPOSPHERE AND STRATOSPHERE
APPLIED OPTICS VOL 5 NO 11 PP 1769-1776 NOVEMBER 1966
DAR ACCESS NO.....255270-001
BY ELTERMAN L — DDC NUMBER.....AD648720
INSTR...AFCRL-66(0)-04-01
PROJECT/TASK.....7670/04

AFCRL 67-0004
SPERRY RAND RESEARCH CENTER
EVALUATION OF PSEUDO-RANDOM DOT-SCANNING TELEVISION SYSTEMS FINAL REPORT JAN 1967
SRRC-CR-66-49 JAN 1967
DAR ACCESS NO.....270030-001
BY KAUFMAN L — DDC NUMBER.....AD647593
LINCOLN A J — INSTR...AF-19(628)-05672
PITBLADO C — PROJECT/TASK.....4610/07

AFCRL 67-0005
RADIO CORPORATION OF AMERICA
INVESTIGATION OF TWO-CARRIER INJECTION ELECTROLUMINESCENCE FINAL REPORT DEC 1966
DAR ACCESS NO.....267981-003
BY FISCHER A G — DDC NUMBER.....AD647087
PUNGER W M — INSTR...AF-19(628)-03866
PROJECT/TASK.....4604/05

AFCRL 67-0006
RADIO CORPORATION OF AMERICA
INTEGRATED LOGIC NETS FINAL REPORT JAN 1967
DAR ACCESS NO.....272911-004
BY HEIMAN F P — DDC NUMBER.....AD648726
INSTR...AF-19(628)-04208
PROJECT/TASK.....4641/04

AFCRL 67-0007
NORTH CAROLINA STATE UNIVERSITY AT RALEIGH
RESEARCH DIRECTED TOWARD THE STUDY OF INFRARED TRANSMISSION THROUGH VARIOUS ATMOSPHERES FINAL REPORT DEC 1966
DAR ACCESS NO.....251270-002
BY HARWARD C N — DDC NUMBER.....AD646944
MANNING E R — INSTR...AF-19(628)-03894
PATTY R R — PROJECT/TASK.....7670/03

AFCRL 67-0008
CONDUCTRON CORP
REDUCTION OF RADAR CROSS SECTION BY IMPEDANCE LOADING (U)
QUARTERLY TECHNICAL REPORT NO 2 DEC 1966
DAR ACCESS NO.....254750-002
BY MCDOWELL C M — DDC NUMBER.....AD371121
RITT M K — INSTR...AF-19(628)-06149
PROJECT/TASK.....4645/00

AFCRL 67-0009
BROWN UNIVERSITY
THE SCATTERING OF ELECTROMAGNETIC WAVES BY A FINITE WEDGE
SCIENTIFIC REPORT NO 6 AF 3840(6) DEC 1966
DAR ACCESS NO.....258670-003
BY AIDALA V J — DDC NUMBER.....AD650319
BOLLE D M — INSTR...AF-19(628)-03846
PROJECT/TASK.....5635/02

AFCRL 67-0010
BANKE MATHEMATICAL LABORATORIES INC
MATHEMATICAL RESEARCH ON CODING THEORY FINAL REPORT DEC 1966
DAR ACCESS NO.....272581-007
DDC NUMBER.....AD646878
INSTR...AF-19(628)-03626
PROJECT/TASK.....4610/03

AFCRL 67-0012
HQ AFCRL CRF
SIGNIFICANCE OF IRON-RICH SILICATES IN THE MEZO-MADARAS CHONDRITE
AMERICAN MINERALOGIST VOL 51 PP 1177-1191 JULY 1966
DAR ACCESS NO.....259350-001
BY DODD R T — DDC NUMBER.....AD644181
VAN SCHMUS W — INSTR...AFCRL-7698-01-01
MARVIN U B — PROJECT/TASK.....7698/01

AFCRL 67-0013
STANFORD RESEARCH INSTITUTE
LIDAR-RADAR LOWER ATMOSPHERIC OBSERVATIONS FINAL REPORT DEC 1966
DAR ACCESS NO.....258590-001
BY VIEZEE W — DDC NUMBER.....AD647663
ORLANAS J — INSTR...AF-19(628)-05976
PROJECT/TASK.....6670/07

AFCRL 67-0014
UNIVERSITY OF WESTERN ONTARIO
TRANSIENT RESPONSE IN RADIO REFRACTOMETERS
SCIENTIFIC REPORT NO TP-3 NOV 1966
DAR ACCESS NO.....268781-002
BY MAY D R — DDC NUMBER.....AD655135
STEWART D A — INSTR...AF-19(628)-03835
ATTENHEAD J H — PROJECT/TASK.....6682/04

AFCRL 67-0015
HQ AFCRL CRH
A PRELIMINARY REPORT ON DOPPLER RADAR OBSERVATION OF TURBULENCE IN A THUNDERSTORM
ENP NO 255 JAN 1967
DAR ACCESS NO.....254970-010
BY DONALDSON R J — DDC NUMBER.....AD649779
INSTR...AFCRL-6672-05-01
PROJECT/TASK.....6672/05

AFCRL 67-0016
WESTINGHOUSE ELECTRIC CORPORATION
BEHAVIOR OF COHERENT MICROWAVE PHONONS AT LOW 4L/SUB2/O/SUB TEMPERATURES IN USING VAPOR-DEPOSITED THIN-FILM PIEZOELECTRIC TRANSDUCERS
THE PHYSICAL REVIEW VOL 139 NO 5A PP A1635-A1639 30 AUGUST 1965
DAR ACCESS NO.....268641-001
BY DE KLERK J — DDC NUMBER.....AD646036
INSTR...AF-19(628)-04372
PROJECT/TASK.....4603/01

AFCRL 67-0017
WESTINGHOUSE ELECTRIC CORPORATION
MULTILAYER ENHANCEMENT OF MICROWAVE PIEZOELECTRIC CONVERSION IN CAS-SIO LAYERS
APPLIED PHYSICS LETTERS VOL 7 NO 10 PP 286-288 15 NOVEMBER 1965
DAR ACCESS NO.....268641-002
BY DE KLERK J — DDC NUMBER.....AD646041
KLEMENS P G — INSTR...AF-19(628)-04372
KELLY E F — PROJECT/TASK.....4603/01

AFCRL 67-0018
WESTINGHOUSE ELECTRIC CORPORATION
MULTILAYER THIN FILM PIEZOELECTRIC TRANSDUCERS
IEEE TRANSACTIONS ON SONICS AND ULTRASONICS VOL SU-13 NO 3 PP 99-103 AUGUST 1966
DAR ACCESS NO.....268641-004
BY DE KLERK J — DDC NUMBER.....AD646046
INSTR...AF-19(628)-04372
PROJECT/TASK.....4603/01

AFCRL 67-0020
HQ AFCRL CRU
ANALYTICAL DESCRIPTION OF A FABRY-PEROT PHOTOELECTRIC SPECTROMETER
APPLIED OPTICS VOL 5 NO 11 PP 1745-1748 NOVEMBER 1966
OAR ACCESS NO.....256810-001
BY HERNANDEZ G
DDC NUMBER.....AD649395
INSTR...AFCRL-0000-00-01
PROJECT/TASK.....0000/0-

AFCRL 67-0021
HQ AFCRL CRF
PHOTOCONDUCTIVITY OF ELECTRON ACCEPTORS FLUOREN-DELTA/ SUPER 9 ALPHA /-MALONONITHILE
JOURNAL OF PHYSICAL CHEMISTRY VOL 70 NO 12 PP 3848-3852 DECEMBER 1966
OAR ACCESS NO.....256020-004
BY MUKHERJEE T K
INSTR...AFCRL-8659-01-01
PROJECT/TASK.....8659/01

AFCRL 67-0022
COLUMBIA UNIVERSITY
HIGH RAYLEIGH WAVE PHASE VELOCITIES FOR THE NEW DELHI INDIA-LAHORE PAKISTAN PROFILE
BULL OF SEISMOLOGICAL SOC OF AMER V 56 NO 5 PP 1137-1145 OCTOBER 1966
OAR ACCESS NO.....278521-012
BY GABRIEL V G
KUO J T
DDC NUMBER.....AD648976
INSTR...AF-19(628)04082
PROJECT/TASK.....8652/01

AFCRL 67-0023
SAINT LOUIS UNIVERSITY
THE FOCAL MECHANISM OF THE ALASKA EARTHQUAKE OF MARCH 28 1964 AND OF ITS AFTERSHOCK SEQUENCE
GEOPHYSICAL RESEARCH VOL 71 NO 22 PP 5283-5296 15 NOVEMBER 1966
OAR ACCESS NO.....253071-002
BY STAUDER W S J
BOLLINGER G A
DDC NUMBER.....AD646790
INSTR...AF-19(628)05100
PROJECT/TASK.....8652/01

AFCRL 67-0024
SYSTEM DEVELOPMENT CORPORATION
PARTIAL ALGORITHM PROBLEMS FOR CONTEXT FREE LANGUAGES
TM-738/027/00 SCIENTIFIC REPORT NO 1 OCT 1966
OAR ACCESS NO.....259400-001
BY ULLIAN J S
DDC NUMBER.....AD651226
INSTR...F1962B-67-C-0008
PROJECT/TASK.....5032/05

AFCRL 67-0025
STANFORD UNIVERSITY
GEOMETRICAL ACOUSTICS IN MAGNETIC MATERIALS
IEEE TRANSACTIONS ON SONICS AND ULTRASONICS VOL SU-13 NO 3 PP 92-96 AUGUST 1966
OAR ACCESS NO.....252062-001
BY AULD B
ADDISON R C
DDC NUMBER.....AD646792
INSTR...AF-19(628)05548
PROJECT/TASK.....8635/03

AFCRL 67-0026
SOUTHWEST CENTER FOR ADVANCED STUDIES
AZIMUTHAL VARIATION OF U S STATION RESIDUALS
NATURE VOL 210 NO 5036 PP 619-620 7 MAY 1966
OAR ACCESS NO.....253190-003
BY CLEARY J R
HALES A L
DDC NUMBER.....AD636290
INSTR...AF-19(628)02936
PROJECT/TASK.....8652/04

AFCRL 67-0027
TRUSTEES OF BOSTON UNIVERSITY
QUANTUM ELECTRODYNAMICS FROM THE POINT OF VIEW OF TOPOLOGICAL GROUPS FINAL REPORT DEC 1966
OAR ACCESS NO.....250210-001
BY SACHS M
DDC NUMBER.....AD649266
INSTR...AF-19(628)02816
PROJECT/TASK.....5634/06

AFCRL 67-0028
GEO-SCIENCE INC
AIRGLOW OBSERVATIONS AND RESEARCH FINAL REPORT DEC 1966
OAR ACCESS NO.....272661-001
BY JONES M W
DDC NUMBER.....AD649807
INSTR...AF-19(628)05062
PROJECT/TASK.....7661/02

AFCRL 67-0029
FURTHER APPLICATIONS OF THE CHEMILUMINESCENT METHOD FOR THE MEASUREMENT OF ATMOSPHERIC OZONE FINAL REPORT JAN 1967
OAR ACCESS NO.....250580-001
BY REGENER V H
DDC NUMBER.....AD648918
INSTR...AF-19(628)02927
PROJECT/TASK.....8604/06

AFCRL 67-0030
LITTON SYSTEMS INC
RESEARCH IN MULTIPLE ALTERNATIVE COMMUNICATIONS FINAL REPORT NOV 1966
OAR ACCESS NO.....251910-002
BY FLOYD W B
NUTTALL A H
DDC NUMBER.....AD647640
INSTR...AF-19(628)04081
PROJECT/TASK.....4610/03

AFCRL 67-0031
E G AND G INC
ASTROGEODETIC INSTRUMENTATION AND FIELD SERVICES
ENGINEERING FINAL REPORT DEC 1966
OAR ACCESS NO.....266923-001
BY ROTCH A L
SWENSON P B
DDC NUMBER.....AD647300
INSTR...AF-19(628)05139
PROJECT/TASK.....7600/06

AFCRL 67-0032
THE UNIVERSITY OF LEEDS
CALCULATED MAGNETIC ELECTRON DRIFT VELOCITIES IN H N/SUB2/ O/SUB2/ AIR AND C/SUB2H/SUB6/ FOR 10 E/P 10/TO THE 6TH POWER/VN/TO THE MINUS 1 POWER/ TORR/TO THE MINUS 12 POWER
BRITISH JOURNAL OF APPLIED PHYSICS 1966 VOL 17 PP 1075-1082
OAR ACCESS NO.....252320-001
BY HEYLEN A E
DARGAN C L
DDC NUMBER.....AD647535
INSTR...AF-61(052)00812
PROJECT/TASK.....4642/02

AFCRL 67-0033
THE UNIVERSITY OF LEEDS
THE INFLUENCE OF A D C CROSSED MAGNETIC FIELD ON THE ELECTRICAL DISCHARGE CHARACTERISTICS OF GASES IN THE TOWNSEND REGION
SCIENTIFIC SUMMARY REPORT NO 2 SEPT 1966
OAR ACCESS NO.....252320-002
BY HEYLEN A E D
DARGAN C L M
DDC NUMBER.....AD647185
INSTR...AF-61(052)00812
PROJECT/TASK.....4642/02

AFCRL 67-0034
EG&G INC
THRESHOLD DETECTION OF GEODETIC SATELLITE IMAGES
SCIENTIFIC REPORT NO 3 NOV 1966
OAR ACCESS NO.....250281-003
BY ACKERMAN S
DDC NUMBER.....AD648165
INSTR...AF-19(628)05810
PROJECT/TASK.....7600/06

AFCRL 67-0035
HARVARD UNIVERSITY
CLASSIFICATION OF SOLAR PROMINENCES FOR SUNSPOT CYCLE NO 19 -1964
SCIENTIFIC REPORT NO 12 DEC 1966
OAR ACCESS NO.....271771-010
BY MENZEL D H
JONES F S
DDC NUMBER.....AD651132
INSTR...AF-19(628)03322
PROJECT/TASK.....7649/06

AFCRL 67-0036
HARVARD UNIVERSITY
ARRAYS OF UNEQUAL AND UNEQUALLY SPACED DIPOLES WITH APPLICATION TO THE LOG-PERIODIC ANTENNA
SCIENTIFIC REPORT NO 14 DEC 1966
OAR ACCESS NO.....271681-006
BY WENG-MENG C
DDC NUMBER.....AD648850
INSTR...AF-19(628)02406
PROJECT/TASK.....5635/02

AFCRL 67-0037
HARVARD UNIVERSITY
MAGNETOELASTIC INTERACTIONS IN FERRITES
IEEE TRANS ON SONICS & ULTRASONICS VOL SU-13 NO 3 P86-92 AUGUST 1966
OAR ACCESS NO.....271871-008
BY JONES M V
DDC NUMBER.....AD647856
INSTR...AF-19(628)03874
PROJECT/TASK.....5635/03

AFCRL 67-0039
AIR FORCE CAMBRIDGE RESEARCH LABS
ON THE LIMIT SETS OF THE 2 X 1 HOMOGENEOUS NETS
IEEE TRANSACTIONS ON ELECTRONIC COMPUTERS VOL EC-15 NO 5 PP 810-812 OCTOBER 1966
OAR ACCESS NO.....257580-002
BY SETHARES G C
DDC NUMBER.....AD649182
INSTR...AFCRL-6641-01-01
PROJECT/TASK.....4641/01

AFCRL 67-0040
HQ AFCRL CRU
SELECTIVE ENHANCEMENT IN HYDROGENLIKE MOLECULES WITH THE RARE GASES H/SUB2 WITH AR AND KR
JOURNAL OF CHEMICAL PHYSICS VOL 45 NO 6 PP 2000-2010 15 SEPTEMBER 1966
OAR ACCESS NO.....255790-001
BY TAKEZAWA S
INNES F R
TANAKA Y
DDC NUMBER.....AD649396
INSTR...AFCRL-8627-02-01
PROJECT/TASK.....8627/02

AFCRL 67-0041
BRANDEIS UNIVERSITY
A QUANTUM CHARACTERIZATION OF CLASSICAL RADIATION
ANNALS OF PHYSICS VOL 39 NO 3 PP 498-512 OCTOBER 1966
OAR ACCESS NO.....252871-001
BY AHARONOV Y
LERNER E
FALKOFF D
PENDLETON H
DDC NUMBER.....AD648246
INSTR...AF-19(628)5933
PROJECT/TASK.....4645/02

AFCRL 67-0042
GENERAL DYNAMICS CORP
AIRCRAFT INSTRUMENTATION TO MEASURE CLOUD REFLECTANCE PROPERTIES AND THE ATMOSPHERIC ATTENUATION OF SOLAR AND INFRARED ENERGY
SCIENTIFIC REPORT NO 1 NOV 1966
OAR ACCESS NO.....252600-001
BY MARGGRAF W A
GRIGGS M
DDC NUMBER.....AD810797
INSTR...AF-19(628)5517
PROJECT/TASK.....6698/03

AFCRL 67-0043
HQ AFCRL CRF
BIBLIOGRAPHY OF LUNAR AND PLANETARY RESEARCH-1965
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OAR ACCESS NO.....255410-006
BY SALISBURY J W
DDC NUMBER.....AD648463
INSTR...AFCRL-6602-03-01
PROJECT/TASK.....8602/03

AFCRL 67-0044
OHIO STATE UNIVERSITY RESEARCH FOUNDATION
LINEAR SOLUTIONS OF THE GEODETIC BOUNDARY-VALUE PROBLEM
REPORT NO 79 SCIENTIFIC REPORT NO 11 DEC 1966
OAR ACCESS NO.....272252-011
BY MORITZ H
DDC NUMBER.....AD653193
INSTR...AF-19(628)5701
PROJECT/TASK.....7600/02

AFCRL 67-0045
PARKE MATHEMATICAL LABORATORIES INC
A STUDY OF ERROR CORRECTING CODES III SYNCHRONIZABILITY AND COMMA FREEDOM
SCIENTIFIC REPORT NO 1 DEC 1966
OAR ACCESS NO.....272582-001
BY ARQUETTE L
CALABI L
HARTNETT W E
DDC NUMBER.....AD651749
INSTR...F19628-67-C-0030
PROJECT/TASK.....8681/02

AFCRL 67-0046
GENERAL ELECTRIC COMPANY
NEW SOLID-STATE DEVICE CONCEPTS
SCIENTIFIC REPORT NO 7 DEC 1966
OAR ACCESS NO.....264042-006
BY AVEN M
GARBACKI W
HALL R B
HALL R N
RICHARDSON J R
DDC NUMBER.....AD649334
INSTR...AF-19(628)4976
PROJECT/TASK.....4608/05

AFCRL 67-0047
INFORMATION INTERNATIONAL INC
A LISP 1 5 SYSTEM FOR THE M44 COMPUTER FINAL REPORT JAN 1967
OAR ACCESS NO.....753310-001
BY ABRAHAMS P W
DDC NUMBER.....AD647476
INSTR...AF-19(628)5207
PROJECT/TASK.....8673/00

AFCRL 67-0048
PRINCETON UNIVERSITY
SHEAR RESISTANCE AND EQUATION OF STATE FOR NONCOHESIVE GRANULAR MACROMERITIC SYSTEMS
SCIENTIFIC REPORT 3 PRINCETON SOIL ENGINEERING RESEARCH SERIES NO 7 APR 1966
OAR ACCESS NO... .250360-002
BY WINTERKORN H F
DDC NUMBER.....AD646990
INSTR...AF-19(628)2414
PROJECT/TASK.....7628/04

AFCRL 67-0049
UTAH STATE UNIVERSITY
A REAL TIME FOURIER TRANSFORM SYNTHESIZER
SCIENTIFIC REPORT NO 7 NOV 1966
OAR ACCESS NO.....253410-006
BY HOFFMAN J E JR
DDC NUMBER.....AD653200
INSTR...AF-19(628)3825
PROJECT/TASK.....8663/00

AFCRL 67-0050
PENNSYLVANIA STATE UNIVERSITY
A SUBSONIC D-REGION PROBE EXPERIMENT USING AN ULTRAVIOLET SOURCE TO PRODUCE IONS AND FREE ELECTRONS
SCIENTIFIC REPORT NO 288 DEC 1966
OAR ACCESS NO.....267711-019
BY GEE E L
DDC NUMBER.....AD647690
INSTR...AF-19(628)4014
PROJECT/TASK.....8605/02

AFCRL 67-0051
CORNELL UNIVERSITY
CHARACTERISTICS OF THE STOKES EMISSION IN THE STIMULATED BRILLOUIN SCATTERING PROCESS
SCIENTIFIC REPORT NO 1 OCT 1966
OAR ACCESS NO.....257980-001
BY TANG C L
DDC NUMBER.....AD653210
INSTR...AF-19(628)5677
PROJECT/TASK.....4645/00

AFCRL 67-0052
CORNELL UNIVERSITY
TEMPORAL COHERENCE AND FREQUENCY VS TIME CHARACTERISTICS OF A Q-SPOILED RUBY LASER
SCIENTIFIC REPORT NO 2 OCT 1966
OAR ACCESS NO.....257980-002
BY WOLGA G J
DDC NUMBER.....AD653213
INSTR...AF-19(628)5677
PROJECT/TASK.....4645/02

AFCRL 67-0053
HQ AFCRL CRU
UPPER ATMOSPHERE O-ATOM DENSITIES BY WIND TUNNEL SIMULATION OF NITRIC OXIDE RELEASES
JOURNAL OF GEOPHYSICAL RESEARCH VOL 71 NO 23 PP 5753-5756 1 DECEMBER 1966
OAR ACCESS NO.....254990-002
BY GOLUMB D
GOOD R E
INSTR...AFCRL-7636-06-01
PROJECT/TASK.....7635/06

AFCRL 67-0054
AIR FORCE CAMBRIDGE RESEARCH LABS
ESTIMATES OF SPECTRAL ENERGY DENSITY APPLIED TO VERTICAL PROFILES OF THE HORIZONTAL WIND IN THE LOWER IONOSPHERE
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OAR ACCESS NO.....254350-002
BY NOEL T M
DDC NUMBER.....AD649176
INSTR...AFCRL-5633-09-01
PROJECT/TASK.....5633/09

AFCRL 67-0055
NORTHEASTERN UNIVERSITY
PROBLEMS OF INSTRUMENTATION IN SPACE RESEARCH
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OAR ACCESS NO.....272461-002
BY COCHRUN B L
NARDONE L J
DDC NUMBER.....AD651649
INSTR...AF-19(628)3678
PROJECT/TASK.....7661/00

AFCRL 67-0056
UNIVERSITY OF ILLINOIS
JUNCTION EFFECTS IN COMPOUND SEMICONDUCTORS
SCIENTIFIC REPORT NO 7 DEC 1966
OAR ACCESS NO.....253930-005
BY HOLONYAK N
SIRKIS M D
CLARK G D
JOHNSON M R
MOORE J S
DDC NUMBER.....AD648538
INSTR...AF-19(628)4337
PROJECT/TASK.....4608/05

AFCRL 67-0057
COLUMBIA UNIVERSITY
FASTER FOURIER ANALYSIS
JOURNAL OF GEOPHYSICAL RESEARCH V 71 NO 22 NOVEMBER 15 1966 PAGES 5482-5483
OAR ACCESS NO.....272521-013
BY ALSOP L E
NOWROOZI A A
DDC NUMBER.....AD647333
INSTR...AF-19(628)4062
PROJECT/TASK.....8652/01

AFCRL 67-0058
UTAH STATE UNIVERSITY
STIMULATION OF UPTICAL EMISSIONS IN ATMOSPHERIC GASES FINAL REPORT DEC 1966
OAR ACCESS NO.....253360-005
BY BAKER D J
DDC NUMBER.....AD651017
INSTR...AF-19(628)00291
PROJECT/TASK.....8658/02

AFCRL 67-0059
THE ROYAL INSYITUTE OF TECHNOLOGY
CONSECUTIVE ION-MOLECULE REACTIONS IN METHANE INVESTIGATED BY MEANS OF POSITIVE ION-IMPACT
SCIENTIFIC REPORT NO 8 NOV 1966
OAR ACCESS NO.....251360-008
BY SZABO I
DDC NUMBER.....AD647491
INSTR...AF-61(052)00762
PROJECT/TASK.....7635/04

AFCRL 67-0060
NORWEGIAN DEFENCE RESEARCH ESTABLISHMENT
RESEARCH ON THE THEORY AND DESIGN OF ACTIVE NETWORKS FINAL REPORT SEPT 1966

BY RANNESTAD A

OAR ACCESS NO.....251090-005
DDC NUMBER.....AD647500
INSTR...AF-61/052/00484
PROJECT/TASK.....5635/03

AFCRL 67-0061
HUGHES AIRCRAFT COMPANY
ANGULAR RESOLUTION BEYOND THE RAYLEIGH LIMIT
SCIENTIFIC REPORT NO 1 DEC 1966

BY KSIENSKI A A
MCGHEE R B

OAR ACCESS NO.....252260-001
DDC NUMBER.....AD648079
INSTR...AF-19/628/04358
PROJECT/TASK.....8663/03

AFCRL 67-0062
FAIRCHILD SEMICONDUCTOR
RADIATION STUDY ON MOS STRUCTURES
SCIENTIFIC REPORT NO 2 JAN 1967

BY SNOW E H
GROVE A S
FITZGERALD D J

OAR ACCESS NO.....258150-002
DDC NUMBER.....AD648236
INSTR...AF-19/628/05747
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AFCRL 67-0063
UNIVERSITY OF DENVER
STUDY OF SUB-AUDIO GEOMAGNETIC FLUCTUATIONS FINAL REPORT FEB 1967

BY MASON G L
HIGGINS C R

OAR ACCESS NO.....251190-001
DDC NUMBER.....AD647845
INSTR...AF-19/628/00204
PROJECT/TASK.....8601/03

AFCRL 67-0064
HQ AFCRL CRO
FIRST- AND SECOND-OVERTONE INTENSITY MEASUREMENTS FOR CO AND NO
JOURNAL OF CHEMICAL PHYSICS VOL 45 NO 7 PP 2528-2532 1 OCTOBER 1966

BY SCHURIN B
ELLIS R E

OAR ACCESS NO.....255250-001
DDC NUMBER.....AD649397
INSTR...AFCRL-7670-02-01
PROJECT/TASK.....7670/02

AFCRL 67-0065
HQAFCRL CRO
TRANSIENT REFLECTED SIGNALS FROM AN ANISOTROPIC PLASMA
IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION VOL AP-14 NO 6 PP 802-803 NOVEMBER 1966

BY CASE C T
HASKELL R E

OAR ACCESS NO.....257620-015
DDC NUMBER.....AD649071
INSTR...AFCRL-4642-02-01
PROJECT/TASK.....4642/02

AFCRL 67-0066
UNIVERSITY OF FLORENCE
MODE SELECTION PROPERTIES OF A MANY-ELEMENT LASER
SCIENTIFIC REPORT NO 4 OCT 1966

BY PRATESI R
RONCHI-ABBOZZO

OAR ACCESS NO.....264723-005
DDC NUMBER.....AD647773
INSTR...AF-61/052/00871
PROJECT/TASK.....4645/02

AFCRL 67-0067
NEW YORK UNIVERSITY
MULTIPARAMETER SENSITIVITY IN ACTIVE RC INTEGRATED CIRCUITS
TECHNICAL REPORT 400-148 FOURTH SCIENTIFIC REPORT NOV 1966

BY TARNY R W
GHAUSI M S

OAR ACCESS NO.....250911-004
DDC NUMBER.....AD651916
INSTR...AF-19/628/05537
PROJECT/TASK.....5628/08

AFCRL 67-0068
BELL TELEPHONE LABORATORIES
EFFECTS OF RADIATION ON SEMICONDUCTOR MATERIALS AND DEVICES
FINAL REPORT DEC 1966

BY WILSON D K
MITCHELL J P
CUTHBERT J D
BLAIR R R

OAR ACCESS NO.....273180-002
DDC NUMBER.....AD650195
INSTR...AF-19/628/04157
PROJECT/TASK.....4608/01

AFCRL 67-0069
RESEARCH TRIANGLE INSTITUTE
RESEARCH DIRECTED TOWARD THE STUDY OF SEISMICITY IN THE SOUTHEASTERN UNITED STATES FINAL REPORT JAN 1967

BY MINEAR J W

OAR ACCESS NO.....253210-001
DDC NUMBER.....AD648458
INSTR...AF-19/628/03902
PROJECT/TASK.....8652/07

AFCRL 67-0070
UTAH STATE UNIVERSITY
NUMERICAL RESTORATION OF OPTICAL OBJECTS OBSCURED BY DIFFRACTION AND NOISE
SCIENTIFIC REPORT NO 8 DEC 1966

BY HARRIS R W
RUSHFORTH C K

OAR ACCESS NO.....253610-003
DDC NUMBER.....AD649261
INSTR...AF-19/628/03928
PROJECT/TASK.....8663/00

AFCRL 67-0072
NEW MEXICO STATE UNIVERSITY
TELEMETRY AND COMMAND ANTENNAS FOR THE ATMOSPHERIC COMPOSITION SATELLITE
PT00498 SCIENTIFIC REPORT NO 8 DEC 1966

BY HAAS M W
HENRY D G

OAR ACCESS NO.....250470-002
DDC NUMBER.....AD648184
INSTR...AF-19/628/03229
PROJECT/TASK.....7659/01

AFCRL 67-0073
NEW YORK UNIVERSITY
MULTI-MODE SURFACE WAVE DIFFRACTION BY A RIGHT-ANGLED WEDGE
QUARTERLY OF APPLIED MATHEMATICS VOL XXIV NO 3 OCTOBER 1966 PP 263-266

BY MONGAN R C
KARP S N
KARAL F C JR

OAR ACCESS NO.....263491-003
INSTR...AF-19/628/03868
PROJECT/TASK.....5635/01

AFCRL 67-0074
HQ AFCRL CRJ
TESTS OF A METHOD FOR MAKING GEODETIC TIES BY OBSERVING A SATELLITE OPTICAL BEACON
JOURNAL OF SPACECRAFT AND ROCKETS VOL 3 NO 12 PP 1723-1727 DECEMBER 1966

BY ECKHARDT D H

OAR ACCESS NO.....254740-001
INSTR...AFCRL-7600-03-01
PROJECT/TASK.....7600/03

AFCRL 67-0075
AIR FORCE CAMBRIDGE RESEARCH LABS
PROCEEDINGS FOURTH AFCRL SCIENTIFIC BALLOON SYMPOSIUM
SPECIAL REPORTS NO 57 JAN 1967

BY DWYER J F

OAR ACCESS NO.....256260-003
DDC NUMBER.....AD656692
INSTR...AFCRL-6665-01-01
PROJECT/TASK.....6665/01

AFCRL 67-0076
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TERRESTRIAL MULTISPECTRAL PHOTOGRAPHY FINAL REPORT OCT 1966

BY CHONIN J F

OAR ACCESS NO.....254960-003
DDC NUMBER.....AD649979
INSTR...AFCRL-7628-05-01
PROJECT/TASK.....7628/05

AFCRL 67-0077
SYSTEM DEVELOPMENT CORPORATION
A GENERALIZATION OF CONTEXT FREE DETERMINISM
TM-738/028/00 SCIENTIFIC REPORT NO 2 NOV 1966

BY HIBBARD T N

OAR ACCESS NO.....259400-002
DDC NUMBER.....AD651063
INSTR...F19628-67-C-0008
PROJECT/TASK.....5632/05

AFCRL 67-0078
SYSTEM DEVELOPMENT CORPORATION
ONE-WAY REAL-TIME LIST-STORAGE LANGUAGES
TM-738/029/00 SCIENTIFIC REPORT NO 3 JAN 1967

BY GINSBURG S
HARRISON M A

OAR ACCESS NO.....259400-003
DDC NUMBER.....AD651064
INSTR...F19628-67-C-0008
PROJECT/TASK.....5632/05

AFCRL 67-0079
WESTINGHOUSE ELECTRIC CORPORATION
THIN-FILM PIEZOELECTRIC TRANSDUCERS USED AS GENERATORS AND DETECTORS OF MICROWAVE PHONONS WITH SOME ATTENUATION MEASUREMENTS IN SIO2
PHYSICS VOL 37 NO 12 PP 4522-4528 NOVEMBER 1966

BY DE KLERK J

OAR ACCESS NO.....268641-005
DDC NUMBER.....AD648782
INSTR...AF-19/628/04372
PROJECT/TASK.....8683/01

AFCRL 67-0080
HQ AFCRL CRB
ON-LINE DEBUGGING TECHNIQUES A SURVEY
PROCEEDINGS FALL JOINT COMPUTER CONFERENCE VOL 29 PP 37-49 M-10 NOVEMBER 1966

BY EVANS T G
DARLEY D L

OAR ACCESS NO.....257590-004
INSTR...AFCRL-4641-02-01
PROJECT/TASK.....4641/02

AFCRL 67-0081
MANLABS INC
PHYSICAL EVALUATION OF THIN FILMS OF SOLID STATE MATERIALS
FINAL REPORT JAN 1967
DAR ACCESS NO.....250001-001
BY PETERS C T
DDC NUMBER.....AD647630
INSTR...AF-19(628)5749
PROJECT/TASK.....5621/04

AFCRL 67-0082
MD AFCRL CRF
VERTICAL CUTOFF RIGIDITIES IN THE SOUTH ATLANTIC
SPACE RESEARCH VOL 6 PP 177-188 1966
DAR ACCESS NO.....255330-001
BY SHEA M A
SMART D F
INSTR...AFCRL-8600-03-01
PROJECT/TASK.....8600/03

AFCRL 67-0083
NEW MEXICO STATE UNIVERSITY
DESIGN AND TEST OF MODEL 23.010 136.5 MHZ ANTENNA FOR NIMO
AF 7.618
RD00496 SCIENTIFIC REPORT NO 7 NOV 1966
DAR ACCESS NO.....250470-003
BY HAAS M M
HENRY D G
DDC NUMBER.....AD648240
INSTR...AF-19(628)03229
PROJECT/TASK.....7654/01

AFCRL 67-0084
RAYTHEON COMPANY
MODE-LOCKING AND MODE PROPERTIES OF OPTICAL LASERS FINAL
REPORT MAR 1967
DAR ACCESS NO.....261763-001
BY STATZ H
DEMARS G A
DDC NUMBER.....AD648267
INSTR...AF-19(628)5819
PROJECT/TASK.....4645/02

AFCRL 67-0085
COLUMBIA UNIVERSITY
TERRESTRIAL SPECTROSCOPY FOLLOWING THE RAT ISLAND
EARTHQUAKE
BULL OF SEISMOLOGICAL SOC OF AMERICA VOL 56 NO 6 PP
1269-1288 DECEMBER 1966
DAR ACCESS NO.....272521-014
BY NORRODZI A A
DDC NUMBER.....AD647334
INSTR...AF-19(628)04082

AFCRL 67-0086
SAINT LOUIS UNIVERSITY
THE S-WAVE PROJECT FOR FOCAL MECHANISM STUDIES EARTHQUAKES
OF 1963
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NO 6 PP 1363-1371 DECEMBER 1966
DAR ACCESS NO.....253071-003
BY STAUDER W
BOLLINGER G A
DDC NUMBER.....AD648075
INSTR...AF-19(628)05100
PROJECT/TASK.....8652/01

AFCRL 67-0087
PENNSYLVANIA STATE UNIVERSITY
THEORY OF NON-LINEAR MIXED FREQUENCY GENERATION IN
ANISOTROPIC PLASMA
SCIENTIFIC REPORT NO 287 JAN 1967
DAR ACCESS NO.....267711-020
BY HAGENBUCH K M
DDC NUMBER.....AD647603
INSTR...AF-19(628)04018
PROJECT/TASK.....4605/02

AFCRL 67-0088
SYRACUSE UNIVERSITY RESEARCH INSTITUTE
ANTENNA ARRAYS WITH PARTIALLY TAPERED AMPLITUDES
EE 167-2 SCIENTIFIC REPORT NO 2 JAN 1967
DAR ACCESS NO.....258070-002
BY STRAIT H J
DDC NUMBER.....AD647187
INSTR...AF-19(628)05882
PROJECT/TASK.....8683/03

AFCRL 67-0089
UNIVERSITY OF CALIFORNIA
INVESTIGATIONS OF THE POLARIZATION OF LIGHT REFLECTED BY
NATURAL SURFACES
SCIENTIFIC REPORT NO 2 JAN 1967
DAR ACCESS NO.....261832-002
BY CHEN H S
HAC C R N
SERENA Z
DDC NUMBER.....AD649505
INSTR...AF-19(628)03850
PROJECT/TASK.....7621/03

AFCRL 67-0090
HUGHES AIRCRAFT CO
AN INVESTIGATION OF A VARIABLE WAVEGUIDE COUPLER WITH
360 DEGREES OF PHASE CONTROL
SCIENTIFIC REPORT NO 7 P67-31 HAC REF NO A5034 NOV 1966
DAR ACCESS NO.....262290-007
BY FINMAN H J
SEATON A F
NEENHAKER C H
DDC NUMBER.....AD647126
INSTR...AF-19(628)04349
PROJECT/TASK.....4600/10

AFCRL 67-0091
PHYSICAL STUDIES INC
ANALYSIS OF L7 ULTRAVIOLET SPECTROMETER OBSERVATIONS AU/
PSI-67-4 SCIENTIFIC REPORT NO 5 JAN 1967
DAR ACCESS NO.....795020-005
BY ORLENE R J JR
DDC NUMBER.....AD379938L
INSTR...AF-19(628)05137
PROJECT.....6327

AFCRL 67-0092
UNIVERSITY OF BIRMINGHAM
REACTIONS OF O PLUS ONE IONS IN HELIUM-OXYGEN AND HELIUM
-OXYGEN-NITROGEN MIXTURES FINAL REPORT SEPT 1966
DAR ACCESS NO.....253840-001
BY SMITH D
CURSEY N J
FOURACRE R A
DDC NUMBER.....AD647706
INSTR...AF-EOAR -0092-65
PROJECT/TASK.....8605/08

AFCRL 67-0093
DEUTSCHER WETTERDIENST
RESEARCH ON OBJECTIVE WEATHER FORECASTING ON THE
COMPUTATION OF INITIAL WIND FIELDS FOR THE INTEGRATION OF
THE PRIMITIVE EQUATIONS ON FILTERING SYSTEMS FINAL REPORT
DAR ACCESS NO.....253020-001
BY REISER M
SCHANZ P
HASELBERG K V
DDC NUMBER.....AD647776
INSTR...AF-61(052)00373
PROJECT/TASK.....8628/03

AFCRL 67-0094
OBSERVATOIRE DE PARIS
PART I RESEARCH ON THE HETEROGENEOUS STRUCTURE OF THE SOLAR
ATMOSPHERE A PROGRESS REPORT 1964-6 PARTII LAMBDAMETER NO
2 FINAL REPORT OCT 1966
DAR ACCESS NO.....252840-001
BY MICHARD R
DDC NUMBER.....AD647502
INSTR...AF-61(052)00785
PROJECT/TASK.....7649/06

AFCRL 67-0095
UNIVERSITY OF LIEGE
1 -- NITROGEN LINES IN THE INFRARED FRAUNHOFER SPECTRUM
2 -- THE SOLAR SPECTRUM IN THE 5577 AND 6300 A REGIONS
SCIENTIFIC REPORT NO 1 DEC 1966
DAR ACCESS NO.....273402-001
BY SWENSSON J W
ROLAND G
DELBOUILLE LUC
DDC NUMBER.....AD647708
INSTR...AF-61(052)00955
PROJECT/TASK.....8603/02

AFCRL 67-0096
MD AFCRL CRH
A UNIQUE DOUBLE DEPOSITION SYSTEM
VACUUM VOL 17 NO 1 1967
DAR ACCESS NO.....254160-002
BY ULOOM J M
LUDINGTON C E
PHIPPS R L
INSTR...AFCRL-5638-02-01
PROJECT/TASK.....5638/02

AFCRL 67-0097
MD AFCRL CRH
DAYTIME TEMPERATURE PROFILES
JOURNAL OF ATMOSPHERIC SCIENCES VOL 23 NO 6 PP 678-681
NOVEMBER 1966
DAR ACCESS NO.....255100-002
BY ELLIOTT W P
INSTR...AFCRL-7655-02-01
PROJECT/TASK.....7655/02

AFCRL 67-0098
MD AFCRL CRF
EXPERIMENTAL EVALUATION OF VARIOUS RIGIDITY MODELS
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DECEMBER 1966
DAR ACCESS NO.....256730-001
BY KENNEY J F
GAUGER J
SHEA M A
SMART D F
INSTR...AFCRL-8600-08-01
PROJECT/TASK.....8600/08

AFCRL 67-0100
ALLIED RESEARCH ASSOCIATES INC
APPLICATION OF DOPPLER RADAR TO STORM DYNAMICS FINAL REPORT
JAN 1967
DAR ACCESS NO.....261921-001
BY WEXLER H
DDC NUMBER.....AD649317
INSTR...AF-19(628)03893
PROJECT/TASK.....8620/04

AFCRL 67-0101
SPERRY RAND RESEARCH CENTER
PERFORMANCE EVALUATION OF SPEECH PROCESSING DEVICES III
DIAGNOSTIC EVALUATION OF SPEECH INTELLIGIBILITY FINAL
REPORT MAR 1967
DAR ACCESS NO.....269720-002
BY VIVIENS W D
DDC NUMBER.....AD650158
INSTR...AF-19(628)04987
PROJECT/TASK.....4610/02

AFCRL 67-0102
TRW SYSTEMS GROUP
INVESTIGATION OF LASER RADIATION SIMULATION FOR MICROELECTRONIC DEVICE HARDENING FINAL REPORT JAN 1967
OAR ACCESS NO.....250890-001
BY MCWILLIAMS D A — DDC NUMBER.....AD651612
BUIE J L — INSTN...AF-19(628)5910
DOENING P G — PROJECT/TASK.....4608/05
SKEEN C M
SANDBERG G L

AFCRL 67-0103
AVCO CORP
REVIEW OF WORLDWIDE IONOSPHERIC AND COMMUNICATIONS EFFECTS OF U S 1962 NUCLEAR TESTS /U/ -- VOLUME II FINAL REPORT NOV 1966
OAR ACCESS NO.....253710-004
BY TAYLOR J R — DDC NUMBER.....AD378578
KUHFERNAN R A — INSTN...AF-19(628)4310
PROJECT/TASK.....8653/05

AFCRL 67-0104
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
STUDY OF THERMAL NEUTRON CAPTURE GAMMA RAYS USING A LITHIUM DRIFTED GERMANIUM SPECTROMETER
MITNE-80 SCIENTIFIC REPORT NO 1 JAN 1967
OAR ACCESS NO.....261822-001
BY ORPHAN V J — DDC NUMBER.....AD649905
RASMUSSEN N C — INSTR...AF-19(628)5551
PROJECT/TASK.....5620/03

AFCRL 67-0105
AIR FORCE CAMBRIDGE RESEARCH LABS
A STATISTICAL SUMMARY OF SOLAR FLARE REPORTS AND OBSERVATORY PRACTICES FOR THE PERIOD 1955 - 1964
SPECIAL REPORTS NO 58 FEB 1967
OAR ACCESS NO.....257680-004
BY JENSEN D C — DDC NUMBER.....AD651498
FISCHER H J E — INSTR...AFCRL-3680-02-01
PROJECT/TASK.....8666/02

AFCRL 67-0106
GEO-SCIENCE INC
SOLAR RESEARCH AND DEVELOPMENT AT SACRAMENTO PEAK OBSERVATORY FINAL REPORT JAN 1967
OAR ACCESS NO.....263051-002
BY JONES M B
INSTR...AF-19(628)3453
PROJECT/TASK.....7649/06

AFCRL 67-0107
GENERAL ELECTRIC RESEARCH AND DEVELOPMENT CENTER
FERROMAGNETIC DOMAIN STUDIES IN HIGHLY PERFECT METAL PLATELETS AND WHISKERS FINAL REPORT MAR 1967
OAR ACCESS NO.....258310-001
BY DEBLOIS R W
INSTR...AF-19(628)5104
PROJECT/TASK.....4600/03

AFCRL 67-0108
STANFORD UNIVERSITY
HEIGHT DETERMINATION OF RADAR ECHOES FROM METEOR TRAILS
SCIENTIFIC REPORT NO 3 SU- SEL-67-001 DEC 1966
OAR ACCESS NO.....250570-002
BY NOWAK R — DDC NUMBER.....AD648040
INSTR...AF-19(628)5399
PROJECT/TASK.....8624/08

AFCRL 67-0109
HQ AFCRL CRU
ABSORPTION SPECTRUM OF ACTIVATED NITROGEN IN THE 600-1100-A REGION
JOURNAL OF CHEMICAL PHYSICS VOL 45 NO 9 PP 3205-3213 NOVEMBER 1966
OAR ACCESS NO.....255800-008
BY HUFFMAN R E — DDC NUMBER.....AD650704
LARRABEE J C — INSTR...AFCRL-8627-01-01
TANAKA Y — PROJECT/TASK.....8627/01

AFCRL 67-0110
NEW MEXICO STATE UNIVERSITY
TELEMETRY COMMAND AND BEACON ANTENNAS FOR VARIOUS AIR FORCE ROCKETS PROBES AND SATELLITES FINAL REPORT JAN 1967
OAR ACCESS NO.....250470-004
BY MAAS H H — DDC NUMBER.....AD648243
MENRY D G — INSTR...AF-19(628)3229
PROJECT/TASK.....7659/01

AFCRL 67-0111
SPERRY RAND RESEARCH CENTER
THE EXCITATION OF MAGNETOACOUSTIC WAVES AT MICROWAVE FREQUENCIES FINAL REPORT NOV 1966
OAR ACCESS NO.....251980-001
BY DAMON R W — DDC NUMBER.....AD648081
VAN DE VAART H — INSTR...AF-19(628)4764
LYONS D H — PROJECT/TASK.....4600/03

AFCRL 67-0111
THE UNIVERSITY OF MICHIGAN
STUDY OF THE SCATTERING BEHAVIOR OF A SPHERE WITH AN ARBITRARILY PLACED CIRCUMFERENTIAL SLOT
SCIENTIFIC REPORT NO 6 FEB 1967
OAR ACCESS NO.....272691-002
BY CHANG S — DDC NUMBER.....AD648717
SENIOR T B A — INSTR...AF-19(628)2374
PROJECT/TASK.....5635/02

AFCRL 67-0112
BOSTON COLLEGE
A THEORETICAL STUDY OF TROPOSPHERIC RADIOWAVE PROPAGATION
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OAR ACCESS NO.....250070-001
BY KING R W — DDC NUMBER.....AD659421
INSTR...AF-19(628)2772
PROJECT/TASK.....4603/02

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HQ AFCRL CRH
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OAR ACCESS NO.....254570-011
BY ATLAS D — DDC NUMBER.....AD649876
INSTR...AFCRL-6672-05-01
PROJECT/TASK.....6672/05

AFCRL 67-0114
LOWELL TECHNOLOGICAL INSTITUTE RESEARCH FOUNDATION
STUDY OF ABSORPTION AND REFRACTION CHANGES IN RADIATION EMANATING FROM JUPITER AND RADIO STARS FINAL REPORT FEB 1967
OAR ACCESS NO.....272980-002
BY BENNETT C L — DDC NUMBER.....654689
JIUL K — INSTR...AF-19(628)00234
GAUNT D M — PROJECT/TASK.....5629/01
REINISCH B W

AFCRL 67-0115
AIR FORCE CAMBRIDGE RESEARCH LABS
MESOSCALE STRUCTURE OF THE ATMOSPHERE IN REGIONS OF CLEAR-AIR TURBULENCE VOLUME I
AFSG NO 190 APR 1967
OAR ACCESS NO.....255850-002
BY PENN S — DDC NUMBER.....AD654267
PISIASKI T A — INSTR...AFCRL-8628-10-01
PROJECT/TASK.....8628/10

AFCRL 67-0117
TECHNICAL OPERATIONS INC
INVESTIGATION OF ELECTRONIC FRINGE DETECTOR FOR A STELLAR INTERFEROMETER FINAL REPORT FEB 1967
OAR ACCESS NO.....253431-002
BY HUARUNAN J — DDC NUMBER.....AD649685
KELLEN P — INSTR...AF-19(628)5145
PROJECT/TASK.....8663/00

AFCRL 67-0118
NEW YORK UNIVERSITY
RADIATION AND PROPAGATION OF ELECTROMAGNETIC WAVES FROM MOVING SOURCES
RADIO SCIENCE VOL 1 NEW SERIES NO 9 SEPT 1966 PP 1029-1040
OAR ACCESS NO.....269792-004
BY LEWIS R M — INSTR...AF-19(628)04065
PRESSMAN W — PROJECT/TASK.....4603/02

AFCRL 67-0119
BRANDEIS UNIVERSITY
QUANTUM THEORY OF INTERNALLY MODULATED LASERS
SCIENTIFIC REPORT NO 4 FEB 1967
OAR ACCESS NO.....252871-004
BY TITTERTON P J — DDC NUMBER.....AD649851
INSTR...AF-19(628)5833
PROJECT/TASK.....4645/02

AFCRL 67-0120
AIR FORCE CAMBRIDGE RESEARCH LABS
MEAN MONTHLY ATMOSPHERES FOR 15KM
AFSG NO 189 FEB 1967
OAR ACCESS NO.....255750-010
BY COLE A E
INSTR...AFCRL-8628-01-01
PROJECT/TASK.....8628/01

AFCRL 67-0121
THE QUEENS UNIV
ELECTRIC FIELD HEATING OF D-REGION ELECTRONS
PLANET SPACE SCI VOL 14 PP 987 TO 990 1966
OAR ACCESS NO.....271410-020
BY WALKER J C G — DDC NUMBER.....AD650758
INSTR...AF-61(052)00780
PROJECT/TASK.....8627/06

AFCRL 67-0122
UNIVERSITY OF RHODE ISLAND
SEISMIC DIFFRACTION BY CRUSTAL DISCONTINUITIES FINAL REPORT
JAN 1967

BY KANE J

OAR ACCESS NO.....253820-003
DDC NUMBER.....AD653582
INSTR...AF-19(628)00319
PROJECT/TASK.....8652/03

AFCRL 67-0123
ION PHYSICS CORP
HIGH ENERGY ION IMPLANTATION OF MATERIALS FINAL REPORT
JAN 1967

BY LEITH F A
KING W J
MCNALLY P

OAR ACCESS NO.....253980-002
DDC NUMBER.....AD651313
INSTR...AF-19(628)04970
PROJECT/TASK.....8604/05

AFCRL 67-0124
PANRE MATHEMATICAL LABS INC
A STUDY OF ERROR-CORRECTING CODES IV CODE PROPERTIES AND
UNAMBIGUOUS SETS
SCIENTIFIC REPORT NO 2 FEB 1967

BY CALABI L
HARTNETT W E

OAR ACCESS NO.....272582-002
DDC NUMBER.....AD651488
INSTR...AF19628-67-C-0030
PROJECT/TASK.....8681/02

AFCRL 67-0125
AIR FORCE CAMBRIDGE RESEARCH LABS
A STOCHASTIC MODEL OF THE FREQUENCY AND DURATION OF WEATHER
EVENTS
JOURNAL OF APPLIED METEOROLOGY VOL 5 NO 5 PP 606-624
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BY GRINGORTEN I I

OAR ACCESS NO.....255760-005
DDC NUMBER.....AD650987
INSTR...AFCRL-6626-02-01
PROJECT/TASK.....8626/02

AFCRL 67-0126
MD AFCRL CRF
MERCURIAL-INDUCED DISSOCIATION OF PHYCOERYTHRIN FROM
GERANIUM RUBRUM
BIOCHIMICA ET BIOPHYSICA ACTA VOL 131 PP 147-153 1967

BY OPECI J
FUJIMORI E

OAR ACCESS NO.....256040-007
DDC NUMBER.....AD649877
INSTR...AFCRL-6659-03-01
PROJECT/TASK.....8653/03

AFCRL 67-0127
MD AFCRL CRM
RADAR OBSERVATIONS OF INSECTS IN FREE FLIGHT
SCIENCE VOL 154 NO 3752 PP 967-972 25 NOVEMBER 1966

BY GLOVER K M
HANDY K R
KONRAD T G
SULLIVAN W N
MICHAELS A S

OAR ACCESS NO.....254570-012
DDC NUMBER.....AD650705
INSTR...AFCRL-6672-05-01
PROJECT/TASK.....6672/05

AFCRL 67-0128
UNIVERSITY OF CALIFORNIA
DIAGNOSTIC STUDIES OF WEATHER SYSTEMS OF LOW AND HIGH
LATITUDES /ROSSBY NUMBER IV/ FINAL REPORT APRIL 1967

BY KRISHNAMURTI T N

OAR ACCESS NO.....252980-002
DDC NUMBER.....AD650373
INSTR...AF-19(628)04777
PROJECT/TASK.....6698/02

AFCRL 67-0129
SOUTHEAST CENTER FOR ADVANCED STUDIES
ELECTROMAGNETIC SCATTERING FROM ABSORBING SPHERES
SCIENTIFIC REPORT NO 1 DEC 1966

BY KATTAWAR G W
PLASS G N

OAR ACCESS NO.....253090-301
DDC NUMBER.....AD684805
INSTR...AF-19(628)05039
PROJECT/TASK.....4076/04

AFCRL 67-0130
NEW YORK UNIVERSITY
TRANSFER FUNCTION SYNTHESIS USING RESONATORS AND SOME
ACTIVE RC RESONATORS
TECHNICAL REPORT 400-154 FIFTH SCIENTIFIC REPORT FEB 1967

BY ONEILL J F
GHAUSI M S

OAR ACCESS NO.....250911-005
DDC NUMBER.....AD652502
INSTR...AF-19(628)05537
PROJECT/TASK.....5028/06

AFCRL 67-0131
AIR FORCE CAMBRIDGE RESEARCH LABS
MEASUREMENTS OF TIDAL OSCILLATIONS ABOVE 120 KILOMETERS
APRIL 1967 ENV NO 269

BY ZIMMERMAN S P
MACIOS F A

OAR ACCESS NO.....255520-003
DDC NUMBER.....AD654938
INSTR...AFCRL-9405-10-01
PROJECT/TASK.....8605/10

AFCRL 67-0132
AIR FORCE CAMBRIDGE RESEARCH LABS
AN EXPERIMENTAL STUDY OF PLASMA-COVERED SLOTS ON CYLINDERS
AND CONES
PSRP NO 314 APR 1967

BY KARAS N V
ANTONUCCI J D

OAR ACCESS NO.....257620-016
DDC NUMBER.....AD652208
INSTR...AFCRL-6642-02-01
PROJECT/TASK.....4642/02

AFCRL 67-0133
COMPUTER CORPORATION OF AMERICA
SCENE ANALYSIS USING THE CONCEPT OF MODEL
SCIENTIFIC REPORT NO1 JAN 1967

BY GUZMAN A

OAR ACCESS NO.....251941-001
DDC NUMBER.....AD652017
INSTR...AF-19(628)05914
PROJECT/TASK.....4641/01

AFCRL 67-0135
AIR FORCE CAMBRIDGE RESEARCH LABS
THE OPERATING HISTORY OF THE INTERNATIONAL SOLAR FLARE
PATROL 1959-1964
SPECIAL REPORTS NO 59 FEB 1967

BY JENSEN D C

OAR ACCESS NO.....257680-005
DDC NUMBER.....AD652203
INSTR...AFCRL-6666-02-01
PROJECT/TASK.....8666/02

AFCRL 67-0136
AIR FORCE CAMBRIDGE RESEARCH LABS
A SHORT-CUT METHOD OF COMPUTING THE BRUNE AND BOTT-DUFFIN
CIRCUIT REALIZATIONS OF POSITIVE REAL BI-ORDER IMMITTANCE
FUNCTIONS
PSRP NO 320 APR 1967

BY HAASE K M

OAR ACCESS NO.....256230-005
DDC NUMBER.....AD655778
INSTR...AFCRL-5628-06-01
PROJECT/TASK.....5628/06

AFCRL 67-0137
AIR FORCE CAMBRIDGE RESEARCH LABS
LASER DAMAGE A SELECTED LITERATURE SURVEY
SPECIAL REPORTS NO 60 FEB 1967

BY PITHA C A

OAR ACCESS NO.....256130-005
DDC NUMBER.....AD651210
INSTR...AFCRL-5620-03-01
PROJECT/TASK.....5620/03

AFCRL 67-0138
ISRAEL ATOMIC ENERGY COMMISSION
PHOTOCONDUCTIVITY OF UV EXCITED DIAMONDS
SCIENTIFIC REPORT NO 1 JUL 1966

BY HALPERIN A
LEVINSON J

OAR ACCESS NO.....250760-008
INSTR...AF-61(052)00759
PROJECT/TASK.....5021/04

AFCRL 67-0139
ISRAEL ATOMIC ENERGY COMMISSION
ZERO PHONON LINES IN DIAMOND AND LOCALIZED MODES
J PHYS CHEM SOLIDS VOL 26 PP 1039-1044 21 AUGUST 1966

BY ENGLMAN R

OAR ACCESS NO.....250760-009
DDC NUMBER.....AD650756
INSTR...AF-61(052)00759
PROJECT/TASK.....5021/04

AFCRL 67-0140
QUEEN MARY COLLEGE
SMALL HYDROMAGNETIC OSCILLATIONS OF A TWO-DIMENSIONAL
CAVITY
SCIENTIFIC REPORT NO 7

BY BURGHES D N

OAR ACCESS NO.....250440-007
DDC NUMBER.....AD650818
INSTR...AF-EOAR -0074-64
PROJECT/TASK.....8600/06

AFCRL 67-0141
UPPSALA UNIVERSITY
I - AFTERSHOCK P-WAVE SPECTRA AND DYNAMIC FEATURES OF THE
FEBRUARY 4 1965 ALEUTIAN ISLANDS EARTHQUAKE SEQUENCE - II -
WAVE PROPAGATION IN LAYERED MEDIA - III - RECURSIVE
ANNUAL SUMMARY REPORT NO 1 JAN 1967

BY KORKMAN K
RODINSON E A
RODINSON C A

OAR ACCESS NO.....253260-003
INSTR...AF-61(052)00702
PROJECT/TASK.....8652/04

AFCRL 67-0142
AIR FORCE CAMBRIDGE RESEARCH LABS
A LINE-SOURCE CORRECTOR FOR LARGE SPHERICAL REFLECTORS
PSRP NO 315 MAR 19

BY KENNEIS N P
CLEVELAND F M

OAR ACCESS NO.....257920-006
DDC NUMBER.....AD652202
INSTR...AFCRL-4600-10-01
PROJECT/TASK.....4600/10

AFCRL 67-0143
AIR FORCE CAMBRIDGE RESEARCH LABS
MICROWAVE RECTIFICATION USING QUARTZ
PSRP NO 319 APR 1967

BY SLONCZEWSKI A J JR

OAR ACCESS NO.....254430-004
DDC NUMBER.....AD656770
INSTR...AFCRL-5635-03-01
PROJECT/TASK.....5635/03

AFCRL 67-0144
AIR FORCE CAMBRIDGE RESEARCH LABS
OBSERVATIONS ON THE RELEASE OF A CLOUD OF BARIUM ATOMS AND IONS IN THE UPPER ATMOSPHERE
APRIL 1967 ERP NO 268

BY LLOYD K H
GOLCND D

OAR ACCESS NO.....254090-001
DDC NUMBER.....AD654687
INSTR...AFCRL-7635-06-01
PROJECT/TASK.....7635/06

AFCRL 67-0145
MASSACHUSETTS GENERAL HOSPITAL
RESEARCH ON INFORMATION PROCESSING IN THE CENTRAL SYSTEM
FINAL REPORT AUG 1967

BY ERVIN F R

OAR ACCESS NO.....249660-002
DDC NUMBER.....AD658498
INSTR...AF-19(628)-4040
PROJECT/TASK.....6632/08

AFCRL 67-0147
AIR FORCE CAMBRIDGE RESEARCH LABS
DETERMINING THE DEGREE OF AMBIGUITY IN FROST POINT TEMPERATURES AS MEASURED BY AN OPTICAL DEW POINT SENSOR
IP NO 128 MAR 1967

BY PRINCE R H
GUENTHNER H H

OAR ACCESS NO.....254510-001
DDC NUMBER.....AD651651
INSTR...AFCRL-6670-04-01
PROJECT/TASK.....6670/04

AFCRL 67-0148
UNIVERSITY OF MICHIGAN
STUDY OF ALUMINA CRYSTAL STRUCTURES /AUTOMATION OF THE VERNEUIL PROCESS/ FINAL REPORT MAR 1967

BY WEISS E A

OAR ACCESS NO.....250720-001
DDC NUMBER.....AD649161
INSTR...AF-19(628)-00423
PROJECT/TASK.....5620/05

AFCRL 67-0149
BENDIX CORP
COSMIC RAY FINAL REPORT FEB 1967

BY WAINIO K M
COLVIN T M
MORE K A
TIFFANY O L

OAR ACCESS NO.....258400-001
DDC NUMBER.....AD650607
INSTR...AF-19(628)-05840
PROJECT/TASK.....8600/01

AFCRL 67-0150
HUGHES AIRCRAFT COMPANY
ANTENNA SYSTEM OPTIMIZATION BY TRANSCOHERENCE FUNCTION MAXIMIZATION THEORY
P66-196 SCIENTIFIC REPORT NO 2 DEC 1966

BY YOUNG G O
KSIENSKI A A

OAR ACCESS NO.....252280-003
DDC NUMBER.....AD659138
INSTR...AF-19(628)-04158
PROJECT/TASK.....8683/03

AFCRL 67-0151
OHIO STATE UNIVERSITY RESEARCH FOUNDATION
COMPARISON OF SATELLITE GEOIDS AND ANOMALY FIELDS
REPORT NO 80 SCIENTIFIC REPORT NO 12 FEB 1967

BY RAPP R H

OAR ACCESS NO.....272252-012
DDC NUMBER.....AD653194
INSTR...AF-19(628)-05701
PROJECT/TASK.....7600/02

AFCRL 67-0152
AIR FORCE CAMBRIDGE RESEARCH LABS
ON THE DIRECTIVITY OF SETS OF ELECTROMAGNETIC RADIATION SOURCES I GENERAL RESULTS FOR SETS OF IDENTICAL ISOTROPIC SOURCES AND THEIR SPECIALIZATION FOR TWO IMPORTANT CASES
PSRP NO 318 MAR 1967

BY GERHES W W

OAR ACCESS NO.....254420-007
DDC NUMBER.....AD662601
INSTR...AFCRL-5635-02-01
PROJECT/TASK.....5635/02

AFCRL 67-0153
SYSTEMS RESEARCH LABORATORIES INC
TECHNIQUES IN INTRINSIC ANALYSIS FINAL REPORT NOV 1966

BY COLOMB R W

OAR ACCESS NO.....258060-001
DDC NUMBER.....AD651071
INSTR...AF-19(628)-05457
PROJECT/TASK.....5632/01

AFCRL 67-0154
HONEYWELL INC
SOLAR BEAM MEASUREMENTS STUDY FINAL REPORT FEB 1967

BY WEST C N
RILINSKI RICHARD S

OAR ACCESS NO.....253220-001
DDC NUMBER.....AD651827
INSTR...AF-19(628)-08210
PROJECT/TASK.....7670/07

AFCRL 67-0155
CASE INSTITUTE OF TECHNOLOGY
DEPOSITION OF CARBON ON DIAMOND SEED CRYSTALS
SCIENTIFIC REPORT NO 5 FEB 1967

BY ANGUS J C
WILL H

OAR ACCESS NO.....283950-005
DDC NUMBER.....AD651089
INSTR...AF-19(628)-04785
PROJECT/TASK.....4608/05

AFCRL 67-0156
WARNER AND SWASEY CO
STRENGTHS OF LINES IN THE SUB 1 AND SUB 3 INFRARED BANDS OF H SUB 20 FINAL REPORT FEB 1967

BY RAGROV M J

OAR ACCESS NO.....252940-001
DDC NUMBER.....AD651503
INSTR...AF-19(628)-04989
PROJECT/TASK.....4076/04

AFCRL 67-0157
WESTINGHOUSE ELECTRIC CORP
OBLIQUE INCIDENCE IONOSPHERIC INVESTIGATIONS FINAL REPORT FEB 1967

BY DAVIDSON D

OAR ACCESS NO.....750041-001
DDC NUMBER.....AD651420
INSTR...AF-19(628)-05982
PROJECT/TASK.....4603/09

AFCRL 67-0158
AIR FORCE CAMBRIDGE RESEARCH LABS
POSITIVE ION SENSING SYSTEM FOR THE MEASUREMENT OF SPACECRAFT PITCH AND YAW AIR FORCE OMIO EXPERIMENT FLOWN ON GEMINI X AND XII
AFSG NO 201 DEC 1967

BY SAGALYN R C
SMIDDY M

OAR ACCESS NO.....255840-001
DDC NUMBER.....AD667803
INSTR...AFCRL-8617-01-01
PROJECT/TASK.....8617/01

AFCRL 67-0159
SPERRY RAND RESEARCH CENTER
STUDY OF PULSE DISPERSION IN PLASMA FINAL REPORT DEC 1966

BY MELTZ G

OAR ACCESS NO.....252250-002
DDC NUMBER.....AD649485
INSTR...AF-19(628)-04183
PROJECT/TASK.....4642/02

AFCRL 67-0160
ECOLE NORMALE SUPERIEURE
RADIATION DAMAGE IN SEMICONDUCTORS DEC 1966

BY BARUCH P
MATSUI R
BOURGOIN J
BHELOT A
ZIZINE J

OAR ACCESS NO.....250640-003
DDC NUMBER.....AD657385
INSTR...AF-61(052)-00543
PROJECT/TASK.....5620/02

AFCRL 67-0161
AIR FORCE CAMBRIDGE RESEARCH LABS
VARIATIONS WITH SEASON AND LATITUDE OF DENSITY TEMPERATURE AND COMPOSITION IN THE LOWER THERMOSPHERE
MARCH 1967 AFSG NO 192

BY CHAMPION K S W

OAR ACCESS NO.....254680-002
DDC NUMBER.....AD654688
INSTR...AFCRL-6690-03-01
PROJECT/TASK.....6690/03

AFCRL 67-0162
RAYTHEON CO
ULTRA PRECISION BASE LINE MEASUREMENT PROGRAM FINAL REPORT FEB 1967

BY LOWRY W L
MENNIKSEN S W
HURKAMP A

OAR ACCESS NO.....270010-001
DDC NUMBER.....AD655099
INSTR...AF-19(628)-05878
PROJECT/TASK.....7600/03

AFCRL 67-0163
UNIVERSITY COLLEGE
ELECTRON COLLISION EFFECTS IN SEMICONDUCTORS
SCIENTIFIC REPORT NO 4 MAY 1966

BY LANDSBERG P T

OAR ACCESS NO.....269930-005
DDC NUMBER.....AD650717
INSTR...AF-61(052)-00668
PROJECT/TASK.....4645/02

AFCRL 67-0164
STANFORD UNIVERSITY
EXPERIMENTAL INVESTIGATION OF SATURATION EFFECTS IN FERRITE FREQUENCY DOUBLERS
IEEE TRANSACTIONS ON MAGNETICS VOL MAG-2 NO 4 DEC 1966 PP 691-696
OAR ACCESS NO.....252062-002
BY KINGSNER E K — DDC NUMBER.....AD650759
SHAW H J — INSTR...AF-19(628)05545
WINSLOW D K — PROJECT/TASK.....5635/03

AFCRL 67-0165
AIR FORCE CAMBRIDGE RESEARCH LABS
AN APPROACH TO THE GROUND-STATE THREE-BODY PROBLEM WITH APPLICATION TO THE HELIUM-LIKE ATOM
PSRP NO 317 MAR 1967
OAR ACCESS NO.....256150-002
BY JASPERSE J R — DDC NUMBER.....AD651912
INSTR...AFCRL-5621-06-01
PROJECT/TASK.....5621/06

AFCRL 67-0166
BROWN UNIVERSITY
RESEARCH ON FLUID DYNAMICAL MODELS OF THE LARGE SCALE ATMOSPHERIC CIRCULATIONS FINAL REPORT APR 1967
OAR ACCESS NO.....252570-001
BY SNYDER H A — DDC NUMBER.....AD651046
INSTR...AF-19(628)04783
PROJECT/TASK.....8604/04

AFCRL 67-0167
APPLIED LOGIC CORPORATION
CRT-AIDED SEMI-AUTOMATED MATHEMATICS FINAL REPORT JAN 1967
OAR ACCESS NO.....269381-003
BY BENNETT J M — DDC NUMBER.....AD649684
EASTON W B — INSTR...AF-19(628)03250
GUARD J R — PROJECT/TASK.....8672/00
SETTLE L G

AFCRL 67-0168
HUGHES AIRCRAFT COMPANY
ANTENNA SYSTEM OPTIMIZATION BY TRANSCOHERENCE FUNCTION MAXIMIZATION APPLICATIONS
P67-29 SCIENTIFIC REPORT NO 3 DEC 1966
OAR ACCESS NO.....252280-004
BY YOUNG G O — DDC NUMBER.....AD659139
KSIENSKI A A — INSTR...AF-19(628)04358
PROJECT/TASK.....8681/03

AFCRL 67-0169
OHIO STATE UNIV RESEARCH FOUNDATION
OPTIMUM SMOOTHING OF AERIAL GRAVITY MEASUREMENTS
SCIENTIFIC REPORT NO 13 MAR 1967
OAR ACCESS NO.....272252-013
BY MORITZ H — DDC NUMBER.....AD654008
INSTR...AF-19(628)05701
PROJECT/TASK.....7600/02

AFCRL 67-0170
LOWELL TECHNOLOGICAL INSTITUTE RESEARCH FOUNDATION
DETERMINATION OF A D-REGION NITRIC OXIDE DENSITY PROFILE BY VLF RADIO PROPAGATION
SCIENTIFIC REPORT NO 1 FEB 1967
OAR ACCESS NO.....267092-001
BY HAYES D P — DDC NUMBER.....AD650073
SALES G S — INSTR...AF-19(628)04501
PROJECT/TASK.....5710/00

AFCRL 67-0171
HUGHES AIRCRAFT COMPANY
INVESTIGATION OF USE OF SUPERIMPOSED SURFACE WAVE MODES
FINAL REPORT FEB 1967 PART II
OAR ACCESS NO.....251720-002
BY WONG N S — DDC NUMBER.....AD657289
TANG R — INSTR...AF-19(628)04384
PROJECT/TASK.....4600/02

AFCRL 67-0172
AVCO CORP
THEORETICAL STUDY OF THE PROPAGATION OF INFRASONIC WAVES IN THE ATMOSPHERE FINAL REPORT FEB 1967
OAR ACCESS NO.....253200-004
BY PIERCE A D — DDC NUMBER.....AD650752
MOO C A — INSTR...AF-19(628)03891
PROJECT/TASK.....7631/02

AFCRL 67-0173
GENERAL DYNAMICS CORP
THEORETICAL AND EXPERIMENTAL STUDIES OF INFRARED EMISSION DURING THE LAUNCH PHASE VOL FINAL REPORT DEC 1966
OAR ACCESS NO.....271182-001
BY THOMSON A — DDC NUMBER.....AD383411L
INSTR...AF-19(628)04360
PROJECT/TASK.....3662/00

AFCRL 67-0174
UNIVERSITY OF LONDON
AN IDEALIZED PROBLEM WITH F2-LAYER APPLICATIONS
SCIENTIFIC REPORT NO 8 JUNE 1967
OAR ACCESS NO.....250440-008
BY PICKERING W M — DDC NUMBER.....AD683648
INSTR...AF-EOAR -0076-66
PROJECT/TASK.....8600/06

AFCRL 67-0175
UNIVERSITY OF LONDON
AN IDEALIZED PROBLEM WITH F2-LAYER APPLICATIONS
SCIENTIFIC REPORT NO 8
OAR ACCESS NO.....250440-010
BY PICKERING W M
INSTR...AF-EOAR -0076-66
PROJECT/TASK.....8600/06

AFCRL 67-0175
KIRUNA GEOPHYSICAL OBSERVATORY
THE TROUGH SEEN IN HIGH LATITUDE OBSERVATIONS OF THE IONOSPHERIC ELECTRON CONTENT
SCIENTIFIC REPORT NO 12 JAN 1967
OAR ACCESS NO.....262262-005
BY LISZKA L — DDC NUMBER.....AD650623
INSTR...AF-61(052)00678
PROJECT/TASK.....4643/02

AFCRL 67-0176
UNIVERSITY OF HAWAII
ON SEQUENTIAL DECODING
SCIENTIFIC REPORT NO 11 FEB 1967
OAR ACCESS NO.....251960-011
BY LIN S — DDC NUMBER.....AD654673
INSTR...AF-19(628)04379
PROJECT/TASK.....5628/01

AFCRL 67-0177
UNIVERSITY OF HAWAII
NON-PRIMITIVE REED-MULLER CODES
SCIENTIFIC REPORT NO 12 FEB 1967
OAR ACCESS NO.....251960-012
BY WELDON E J — DDC NUMBER.....AD654674
INSTR...AF-19(628)04379
PROJECT/TASK.....5628/01

AFCRL 67-0179
UNIVERSITY OF HAWAII
LONG BCH CODES ARE BAD
SCIENTIFIC REPORT NO 1. FEB 1967
OAR ACCESS NO.....251960-014
BY LIN S — DDC NUMBER.....AD656676
WELDON E J — INSTR...AF-19(628)04379
PROJECT/TASK.....5628/01

AFCRL 67-0180
PENNSYLVANIA STATE UNIVERSITY
THE CLOSED LOOP CHARACTERISTICS OF AN AUTOMATIC DIRECT READOUT IMPEDANCE BRIDGE
SCIENTIFIC REPORT NO 293/67 MAR 1967
OAR ACCESS NO.....264392-004
BY [illegible] J J — DDC NUMBER.....AD654012
INSTR...AF-19(628)04050
PROJECT/TASK.....5710/00

AFCRL 67-0181
UNIVERSITY OF ILLINOIS
INVESTIGATIONS OF OXYGEN PLASMAS FINAL REPORT FEB 1967
OAR ACCESS NO.....264461-004
BY CHATTACHARYA A K — DDC NUMBER.....AD651512
WRIGHT H — INSTR...AF-19(628)02391
CAHN J H — PROJECT/TASK.....8605/02

AFCRL 67-0182
RAYTHEON COMPANY
SYSTEMS ANALYSIS AND ADDITIONAL INSTRUMENTATION FOR MODIFIED PORCUPINE C-BAND PULSE DOPPLER RADAR
SCIENTIFIC REPORT NO 1 DEC 1966
OAR ACCESS NO.....250221-001
BY BERG O S — DDC NUMBER.....AD663442
COX E E — INSTR...AF-19(628)04774
GROGINSKY H L — PROJECT/TASK.....6672/04
WISHO J
RAYMOND J C

AFCRL 67-0183
AIR FORCE CAMBRIDGE RESEARCH LABS
THE SPARSA ATMOSPHERIC ELECTRICITY DETECTION SYSTEM AS MODIFIED BY THE ADDITION OF THE IMAGE STORAGE TUBE ELECTRO-OPTICAL TRIANGULATION COMPUTER PART I
IR NO 130 MAR 1967
OAR ACCESS NO.....256630-001
BY WEISS H D — DDC NUMBER.....AD651818
INSTR...AFCRL-6670-05-01
PROJECT/TASK.....6670/05

AFCRL 67-0184
AIR FORCE CAMBRIDGE RESEARCH LABS
ANALYSIS AND DESIGN OF MAXIMUM-GAIN LOW-CURRENT JUNCTION FIELD EFFECT TRANSISTOR CONFIGURATIONS
USRP NO 318 MAR 1967

BY BUCHANAN B
ROOSILD S
DOLAN M

OAR ACCESS NO.....256190-002
DDC NUMBER.....AD654308
INSTR...AFCRL-6606-05-01
PROJECT/TASK.....4600/05

AFCRL 67-0185
ELECTRONIC ASSOCIATES INCORPORATED
RESEARCH AND DEVELOPMENT OF ANALOG MODELS
SCIENTIFIC REPORT NO 2 MAR 1967

BY MASLO R M

OAR ACCESS NO.....752800-002
DDC NUMBER.....AD651848
INSTR...AF-19(628)5043
PROJECT/TASK.....8600/00

AFCRL 67-0186
PENNSYLVANIA STATE UNIVERSITY
A CONSTANT BANDWIDTH WIDE RANGE TRANSISTORIZED LOGARITHMIC AMPLIFIER
SCIENTIFIC REPORT NO 294 F MAR 1967

BY HOPWOOD F W

OAR ACCESS NO.....264392-003
DDC NUMBER.....AD650694
INSTR...AF-19(628)4050
PROJECT/TASK.....5710/00

AFCRL 67-0187
ESTITUTO UNIVERSITARIO NAVALE
RADIO LINKS AND ANTENNAS IN BOUNDLESS OR BOUNDED LOSSY MEDIA FINAL REPORT JAN 1967

BY CORTI P
FRANCESCHETTI G
LATMIRAL G

OAR ACCESS NO.....251700-002
DDC NUMBER.....AD650719
INSTR...AF-61(052)00851
PROJECT/TASK.....4603/02

AFCRL 67-0188
LOWELL TECHNOLOGICAL INSTITUTE RESEARCH FOUNDATION
INVESTIGATION OF THE TURBULENT STRUCTURE AND DRIFT MOTIONS IN THE IONOSPHERE FINAL REPORT APR 1967

BY GORMAN J E
RIBL K
OLSUN K M

OAR ACCESS NO.....259140-001
DDC NUMBER.....AD651483
INSTR...AF-19(628)5676
PROJECT/TASK.....7663/04

AFCRL 67-0189
UNIVERSITY OF NOTRE DAME
THE USE OF PRECISE SCHOTTKY DATA IN THE ANALYSIS OF THE METAL-VACUUM SURFACE BARRIER FOR THERMIONIC EMITTERS I-RHENIUM
SCIENTIFIC REPORT NO 1 FEB 1967

BY D HAENENS E J
COOMES E A

OAR ACCESS NO.....266491-001
DDC NUMBER.....AD651232
INSTR...AF-19(628)4063
PROJECT/TASK.....8659/02

AFCRL 67-0190
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
STUDIES OF ANTENNA BREAKDOWN IN THE PRESENCE OF A PLASMA SHEATH INCLUDING EFFECTS OF FORCED CONVECTION
TM 135 SCIENTIFIC REPORT NO 1 FEB 1967

BY COVERT E E
BOEDEKER L H

OAR ACCESS NO.....256501-001
DDC NUMBER.....AD651233
INSTR...AF-19(628)5518
PROJECT/TASK.....4662/02

AFCRL 67-0191
UNIVERSITY OF CALIFORNIA
OPTICAL INVESTIGATIONS OF THE ATMOSPHERE FINAL REPORT APR 1967

BY SERENA E
MAO C R N

OAR ACCESS NO.....261832-003
DDC NUMBER.....AD651918
INSTR...AF-19(628)3850
PROJECT/TASK.....7621/03

AFCRL 67-0192
UNIVERSITY OF ILLINOIS
THEORY OF PARTIAL COHERENCE A REVIEW
TECHNICAL REPORT NO 11 FEB 1967

BY KARJALA D S
MITTRA R

OAR ACCESS NO.....273130-007
DDC NUMBER.....AD651068
INSTR...AF-19(628)3819
PROJECT/TASK.....5635/02

AFCRL 67-0193
MITHRAS INC
NO-O CHEMILUMINESCENCE STUDIES FLIGHT AND WIND TUNNEL EXPERIMENTS FINAL REPORT JAN 1967

BY GOOD E M

OAR ACCESS NO.....267283-001
DDC NUMBER.....AD653649
INSTR...AF-19(628)5825
PROJECT/TASK.....7635/06

AFCRL 67-0194
GENERAL DYNAMICS ELECTRONICS DIVISION
OPTICAL INTERACTIONS IN RUBY LASERS FINAL REPORT FEB 1967

BY UNTERLEITNER F C
KIANG Y C

OAR ACCESS NO.....257950-001
DDC NUMBER.....AD653218
INSTR...AF-19(628)5810
PROJECT/TASK.....4645/02

AFCRL 67-0195
UNIVERSITY OF LONDON
PLASMA PHYSICS IN AN ASTROPHYSICAL ENVIRONMENT FINAL REPORT DEC 1966

BY ROXBURGH I W

OAR ACCESS NO.....258080-001
DDC NUMBER.....AD653211
INSTR...AF-61(052)00908
PROJECT/TASK.....8647/02

AFCRL 67-0196
AMERICAN SCIENCE AND ENGINEERING
INVESTIGATION OF THE VARIABLES CONTROLLING THE FLUX GROWTH OF HIGH QUALITY LASER CRYSTALS FINAL REPORT MAR 1967
ASE-1872 MAR 1967

BY COUR C M
WALLIS E H

OAR ACCESS NO.....297836-001
DDC NUMBER.....AD655348
INSTR...AF-19(628)5856
PROJECT/TASK.....5620/05

AFCRL 67-0197
NORTHEASTERN UNIVERSITY
INVESTIGATION OF SPEECH TRANSMISSION TESTING FINAL REPORT FEB 1967

BY AMEES E A

OAR ACCESS NO.....258660-001
DDC NUMBER.....AD651695
INSTR...AF-19(628)5889
PROJECT/TASK.....4610/02

AFCRL 67-0198
GCA CORPORATION
A METHOD FOR FITTING LINEARLY SEGMENTED MULTI-LAYER ATMOSPHERIC MODELS TO AN ARBITRARY SET OF UPPER AND LOWER BOUNDARY CONDITIONS
GCA-TR-67-6-A SCIENTIFIC REPORT NO 4 MAR 1967

BY MINZNER R A

OAR ACCESS NO.....755110-003
DDC NUMBER.....AD653203
INSTR...AF-19(628)6068
PROJECT/TASK.....5710/00

AFCRL 67-0199
MCGILL UNIVERSITY
STUDIES OF THE FORMATION OF PRECIPITATION IN CONVECTION
MW-47 SCIENTIFIC REPORT NO 1 APR 1967

BY SHIVASTAVA R C
ENGLISH M

OAR ACCESS NO.....271422-001
DDC NUMBER.....AD653610
INSTR...F19628-67-C-0129
PROJECT/TASK.....8620/04

AFCRL 67-0200
DAYTON ELECTRONIC PRODUCTS INC
ELECTRICALLY-SMALL SUPERCONDUCTING ANTENNAS FINAL REPORT APRIL 1967

BY SCHMIDT B M

OAR ACCESS NO.....756230-001
DDC NUMBER.....AD657376
INSTR...AF-19(628)5893
PROJECT/TASK.....4600/10

AFCRL 67-0201
CORNELL AERONAUTICAL LABORATORY INC
ANALYTICAL AND EXPERIMENTAL STUDIES OF MICROWAVE INTERACTION WITH A HYPERSONIC AIR PLASMA
SCIENTIFIC REPORT NO 1 FEB 1967

BY HOYER D W
DITTRDFER D M

OAR ACCESS NO.....266821-001
DDC NUMBER.....AD656358
INSTR...AF-19(628)5496
PROJECT/TASK.....4662/02

AFCRL 67-0202
HARVARD UNIVERSITY
DISCUSSION OF PAPER BY M C BASSBACH A J DESSLER AND A G W CAMERON THE LUNAR PERIOD THE SOLAR PERIOD AND K SUB P
GEOPHYSICAL RESEARCH VOL 71 NO 23 DEC 1 1967 PP 5770-5773

BY HELL B
DEPOUW R J

OAR ACCESS NO.....271771-011
DDC NUMBER.....AD653476
INSTR...AF-19(628)3322
PROJECT/TASK.....7649/06

AFCRL 67-0203
UNIVERSITY OF HAWAII
THE TROPICAL UPPER TROPOSPHERIC TROUGH AS A SECONDARY SOURCE OF TYPHOONS AND A PRIMARY SOURCE OF TRADE WIND DISTURBANCES FINAL REPORT MARCH 1967

BY SADLER J C

OAR ACCESS NO.....262041-001
DDC NUMBER.....AD657021
INSTR...AF-19(628)3860
PROJECT/TASK.....6698/02

AFCRL 67-0204
LABORATORY FOR ELECTRONICS INC
RESEARCH IN FERROMAGNETICS - PART I
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OAR ACCESS NO.....272751-002
BY SPAIN R J — DOC NUMBER.....AD654981
JAUVTIS N I — INSTR...AF-19(628)4619?
RATTANEL C P — PROJECT/TASK.....9663/07
MANIND W J
PEOPLES P J

AFCRL 67-0205
LABORATORY FOR ELECTRONICS INC
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OAR ACCESS NO.....272751-003
BY SPAIN R — DOC NUMBER.....AD653054
JAUVTIS N — INSTR...AF-19(628)4619?
RATTANEL C P — PROJECT/TASK.....9632/07
MANIND W
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AUBURN UNIVERSITY
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SCIENTIFIC REPORT NO 1 (PART II) MAR 1967
OAR ACCESS NO.....271784-001
BY HOLMES C R — DOC NUMBER.....AD654482
MILHORN J L — INSTR...AF-19(628)4496
PROJECT/TASK.....4600/10

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BY BULLRICH K — DOC NUMBER.....AD653757
DE DAVY E — INSTR...AF-61(052)-00095
PLATTNER W — PROJECT/TASK.....7621/03
FIDELI H
HANEL G

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BY TAYLOR R C
CHOWN J M — INSTR...AF-19(628)4839
MORITA T — PROJECT/TASK.....4600/10

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CLASSIFICATION OF SOLAR PROMINENCES FOR SUNSPOT CYCLE NO 19 (1955-1963) - SUMMARY
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OAR ACCESS NO.....271771-012
BY MENZEL D H — DOC NUMBER.....AD653573
JONES F S — INSTR...AF-19(628)3322
PROJECT/TASK.....7649/06

AFCRL 67-0210
NORTHEASTERN UNIVERSITY
CONSIDERATIONS OF EXPECTED AURORAL INTENSITIES
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OAR ACCESS NO.....272461-003
BY COCHRUN P L — DOC NUMBER.....AD652855
INSTR...AF-19(628)4376
PROJECT/TASK.....2651/01

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A BALLOON-BORNE GRATING SPECTROMETER
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OAR ACCESS NO.....272681-005
BY MURCRAY D G — DOC NUMBER.....AD650765
MURCRAY F H — INSTR...AF-19(628)5202
WILLIAMS W J — PROJECT/TASK.....8688/01

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UPPSALA UNIVERSITY
AIR PRESSURE DEPENDENCE OF COSMIC RAY INTENSITY METHODS AND RESULTS OF A STATISTICAL ANALYSES OF NEUTRON MONITOR DATA
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BY MARTINELLE S — DOC NUMBER.....AD653579
INSTR...AF-61(052)-00086
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BY NYQUIST S E — DOC NUMBER.....AD656496
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SHORE H W — INSTR...AF-19(628)3322
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INSTR...AF-19(628)3322
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OAR ACCESS NO.....263910-003
BY NELSON W E — DOC NUMBER.....AD651151
HALDEN F A — INSTR...AF-19(628)4190
HARTLETT R W — PROJECT/TASK.....9620/06
ROSENGREEN A
MANSH L F

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OAR ACCESS NO.....281081-001
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DREW J G — INSTR...AF-19(628)5808
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OAR ACCESS NO.....251210-001
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STEED A J — INSTR...AF-19(628)4994
PROJECT/TASK.....8710/00

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AIR FORCE CAMBRIDGE RESEARCH LABS
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ENV NO 263 APR 1967
OAR ACCESS NO.....255560-002
BY KENESHEA T J — INSTR...AFCRL-8605-62-01
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AIR FORCE CAMBRIDGE RESEARCH LABS
THREE FAMILIES OF INTEGRALS WHICH ARISE IN SOME THREE-BODY PROBLEMS
PSRD NO 321 APR 1967
OAR ACCESS NO.....256150-003
BY JASPENSE J H — DOC NUMBER.....AD654290
INSTR...AFCRL-5021-06-01
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BY DUPEE J E — DOC NUMBER.....AD651794
AAYS T H — INSTR...AFCRL-67-0588
RUFF J L — PROJECT/TASK.....6682/02
TARSKY V

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BY KO H C

GAR ACCESS NO.....250280-002
DDC NUMBER.....AD651370
INSTR...AF-19(628)6145
PROJECT/TASK.....5629/01

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CONTROLS REC RADIATION INC
DETERMINATION OF CARBON NITROGEN AND OXYGEN IN SILICON BY ACTIVATION ANALYSIS
SCIENTIFIC REPORT NO 1 APR 1967

BY KEGEL G H W

GAR ACCESS NO.....230491-001
DDC NUMBER.....AD686683
INSTR...AF-19(628)5980
PROJECT/TASK.....8620/03

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ELECTRON REFLECTION COEFFICIENT AT ZERO ENERGY I EXPERIMENTS
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BY NEIL R
HOLLWEG J V

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INSTR...AF-19(628)4297
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BY ACKERMAN S

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BY SPELLMAN M J
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DDC NUMBER.....AD651433
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BY HADLEY W C
PADLINI F R
REIDY W P
MUDY W W

GAR ACCESS NO.....761112-001
DDC NUMBER.....AD649754
INSTR...AF-19(628)5709
PROJECT/TASK.....8600/06

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DISTRIBUTIONS OF RADAR ECHOES OVER THE UNITED STATES
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BY GUANTHAM D D
KANTOR A J

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DDC NUMBER.....AD656110
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BY AMMONS W L

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INSTR...AF-19(628)6051
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COLUMBIA UNIVERSITY
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BY KEHR P E
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BY SMILEN L I

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DDC NUMBER.....AD656081
INSTR...AF-19(628)4950
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BY MCCAA D J
SHAW J H

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INSTR...AF-19(628)3806
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HAAS H R
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INSTR...AF-19(628)5923
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PYATT V P
BROOKS H A
HITT NORBERT K
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DDC NUMBER.....AD381037
INSTR...AF-19(628)6149
PROJECT/TASK.....8679/00

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BY RHEENE R G JR

GAR ACCESS NO.....795020-002
DDC NUMBER.....AD381269
INSTR...AF-19(628)8137
PROJECT/TASK.....6397/00

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BY SLETTEN C J
HOLT F S

GAR ACCESS NO.....258210-001
DDC NUMBER.....AD819319
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BY KO H C
KRAUS J D

GAR ACCESS NO.....271651-001
DDC NUMBER.....AD814734
INSTR...AF-19(628)3310
PROJECT/TASK.....5629/00

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SPERRY RAND CORPORATION
INVESTIGATION OF LOGIC CIRCUIT COMPLEXES UNIVERSAL FUNCTION MODULES FINAL REPORT APR 1967

BY ELLESON J T
KULMAN D
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DDC NUMBER.....AD655395
INSTR...AF-19(628)6012
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HESSLER V P

GAR ACCESS NO.....251200-001
DDC NUMBER.....AD652854
INSTR...AF-19(628)2016
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BY HEACOCK R R — DOC NUMBER.....AD652960
HESSLER V P — INSTN...AF-19(628)01498
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INSTN...AF-19(628)01695
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BY HEACOCK R R — DOC NUMBER.....AD652963
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BY CLEE P H — DOC NUMBER.....AD657174
IPCI W J — INSTN...AF-19(628)05976
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/PROOF-OF-CONCEPT/
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BY GRIGGS A W — DOC NUMBER.....AD655389
WOOD J K — INSTR...AF-19(628)/04215
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BY DOMMEL D G — DOC NUMBER.....AD652644
FRASER J B — INSTR...AF-19(628)/05065
QUILLIAN M R — PROJECT/TASK.....8668/00

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INSTR...AF-61(052)/00672
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DAS B N — INSTR...AF-19(628)/04384
PROJECT/TASK.....4608/05

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MURRAY G T — PROJECT/TASK.....5621/01

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AFCRL 67-0274
THIOKOL CHEMICAL CORP
PHYSICAL AND BALLISTIC TESTS IN SUPPORT OF SOUNDING ROCKET
VEHICLES FINAL REPORT MAY 1967

DAR ACCESS NO.....251061-003
BY EDWARDS J W — DOC NUMBER.....AD654760
MALICEK J — INSTR...AF-19(628)/04067
PROJECT/TASK.....7659/04

AFCRL 67-0276
TEMPLE UNIVERSITY
STUDY OF HIGH ENERGY HIGH DENSITY DISCHARGES AND HIGH
TEMPERATURE MEASUREMENTS AS APPLIED TO EXPLODING WIRES
FINAL REPORT MAY 1967

DAR ACCESS NO.....271571-001
BY KORNEFF T — DOC NUMBER.....AD652237
INSTR...AF-19(628)/00215
PROJECT/TASK.....8608/04

AFCRL 67-0277
AMERICAN SCIENCE AND ENGINEERING INC
THE FLUORESCENCE OF AIR AND NITROGEN EXCITED BY ENERGETIC
ELECTRONS FINAL REPORT JAN 1968

DAR ACCESS NO.....272701-001
BY ONEIL R R — DOC NUMBER.....AD673995
DAVIDSON G — INSTR...AF-19(628)/04080
PROJECT/TASK.....5710/00

AFCRL 67-0278
NORTHEW UNIVERSITY
PHYSICS OF VIBRONIC TRANSITIONS IN THE SPECTRA FOR RARE
EARTH IONS IN CRYSTALS FINAL REPORT FEB 1967

DAR ACCESS NO.....253801-001
BY LOH W — INSTR...AF-EOAR -0021-66
YATSIV S — PROJECT/TASK.....5621/04

AFCRL 67-0279
ROYAL INSTITUTE OF TECHNOLOGY
ACOUSTIC SPECIFICATION OF SPEECH FINAL REPORT JAN 1967

DAR ACCESS NO.....259100-001
BY FANT C — DOC NUMBER.....AD654309
GUNNAR M — INSTR...AF-EOAR -0028-66
PROJECT/TASK.....5628/02

AFCRL 67-0280
AIR FORCE CAMBRIDGE RESEARCH LABS
PROCEEDINGS OF THE THIRD SYMPOSIUM ON THE PLASMA SHEATH-
PLASMA ELECTROMAGNETICS OF HYPERSONIC FLIGHT VOLUME II
ELECTRICAL PROPERTIES OF SHOCK-IONIZED FLOW FIELDS
SPECIAL REPORTS NO 64 /II/ MAY 1967

DAR ACCESS NO.....257620-017
BY HOFMAN R
MOORE M — INSTR...AFCRL-4642-02-01
PAPA R — PROJECT/TASK.....4642/02
LENNON J

AFCRL 67-0281
ROYAL SWEDISH ACADEMY OF SCIENCE
A SYSTEM FOR AUTOMATIC COLLECTION OF GEOMAGNETIC DATA IN
DIGITAL FORM FINAL REPORT FEB 1967

DAR ACCESS NO.....251170-001
BY GUSTAFSSON G — DOC NUMBER.....AD653607
INSTR...AF-61(052)/00237
PROJECT/TASK.....8601/02

AFCRL 67-0282
NORWEGIAN DEFENCE RESEARCH ESTABLISHMENT
EXPERIMENTAL STUDIES OF THE ARCTIC D-REGION FINAL REPORT
JAN 1967

DAR ACCESS NO.....253750-001
BY LANDMARK B — DOC NUMBER.....AD660555
INSTR...AF-61(052)/00599
PROJECT/TASK.....8603/02

AFCRL 67-0283
ECOLE NORMALE SUPERIEURE
OPTICAL SPECTROSCOPY OF SEMICONDUCTOR MATERIALS FINAL
REPORT JUNE 1967

DAR ACCESS NO.....250780-005
BY BALKAN KI M — DOC NUMBER.....AD653204
INSTR...AF-61(052)/00786
PROJECT/TASK.....5620/03

AFCRL 67-0284
UNIVERSITY COLLEGE OF NAIROBI
IONOSPHERIC RESEARCH USING SATELLITES
SUMMARY REPORT NO 1 NOV 1966

DAR ACCESS NO.....258030-001
BY FOSTER A N — DOC NUMBER.....AD653950
WEBSTER A R — INSTR...AF-61(052)/00406
PROJECT/TASK.....4643/02

AFCRL 67-0285
NORWEGIAN DEFENCE RESEARCH ESTABLISHMENT
ACOUSTOELECTRIC OSCILLATIONS CURRENT SATURATION AND
ELECTRON DRIFT MOBILITY IN CADMIUM SULPHIDE CRYSTALS
SCIENTIFIC REPORT NO 1 NOV 1966

DAR ACCESS NO.....254340-001
BY HANNESTAD A — DOC NUMBER.....AD658003
INSTR...AF-61(052)/00356
PROJECT/TASK.....4600/03

AFCRL 67-0286
ROYAL INSTITUTE OF TECHNOLOGY /KTH/
CORRICULATION IN VCV UTTERANCES SPECTROGRAPHIC MEASUREMENTS
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OAR ACCESS NO.....259100-003
BY OHMAN S E G
DDC NUMBER.....AD654073
INSTR...AF-EOAR -0024-66
PROJECT/TASK.....5628/02

AFCRL 67-0287
ROYAL INSTITUTE OF TECHNOLOGY /KTH/
PERCEPTION OF SEGMENTS OF VCCV UTTERANCES
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OAR ACCESS NO.....259100-003
BY OHMAN S E G
DDC NUMBER.....AD654074
INSTR...AF-EOAR -0024-66
PROJECT/TASK.....5628/02

AFCRL 67-0288
UNIVERSITY OF CHICAGO
SPECTROSCOPIC RESEARCH FINAL REPORT MAY 1967
OAR ACCESS NO.....263861-001
BY MULLIKEN R S
DDC NUMBER.....AD654005
INSTR...AF-19(628)-2674
PROJECT/TASK.....8627/02

AFCRL 67-0289
UTAH STATE UNIVERSITY
SHARP MEASUREMENT OF SMALL OPTICAL TARGETS FINAL REPORT APR 1967
OAR ACCESS NO.....253810-007
BY BAKER D J
RUSHFORTH C K
AUSTIN M C
HARRIS R A
DDC NUMBER.....AD654275
INSTR...AF-19(628)-03825
PROJECT/TASK.....8663/00

AFCRL 67-0290
MANLABS INC
THERMODYNAMIC STUDY OF SYNTHESIS OF NEW COMPOUND PHASES UNDER HIGH PRESSURE
SCIENTIFIC REPORT NO 1 FEB 1967
OAR ACCESS NO.....258240-001
BY CLOUGHERTY E V
KAUFMAN L
DDC NUMBER.....AD652628
INSTR...AF-19(628)-05746
PROJECT/TASK.....5620/04

AFCRL 67-0291
COLUMBIA UNIVERSITY
PROPAGATION OF DISTURBANCES IN A GUTENBERG-BULLEN A SPHERICAL EARTH MODEL TRAVEL TIMES AND AMPLITUDES OF S WAVES
GEOPHYSICAL MONO NO10 THE EARTH BENEATH THE CONTINENTS P482-494 1966
OAR ACCESS NO.....272521-017
BY LANDISMAN M
SATO Y
USAMI T
DDC NUMBER.....AD652193
INSTR...AF-19(628)-04082

AFCRL 67-0292
UNIVERSITY OF ILLINOIS
JUNCTION EFFECTS IN COMPOUND SEMICONDUCTORS
SCIENTIFIC REPORT NO 8 APR 1967
OAR ACCESS NO.....253930-008
BY HOLONYAK N
SIRKIS M D
STREETMAN B G
BLOURE M P
CRAFORD M G
DDC NUMBER.....AD654009
INSTR...AF-19(628)-04337
PROJECT/TASK.....4600/05

AFCRL 67-0293
BELL TELEPHONE LABORATORIES INC
RECOMBINATION FLUORESCENCE IN IRRADIATED GAP AND UNIRRADIATED GAP ZNTE AND SI
SCIENTIFIC REPORT NO 2 DEC 1966
OAR ACCESS NO.....273180-003
BY CUTHBERT J D
DDC NUMBER.....AD655097
INSTR...AF-19(628)-04157
PROJECT/TASK.....4608/01

AFCRL 67-0295
UNIVERSITY OF UTAH
ROCKET INSTRUMENTATION FOR AURORAL MEASUREMENTS - BLACK BRANT AC 17.A06
SCIENTIFIC REPORT NO 7 UU-67-1 MAR 1967
OAR ACCESS NO.....259531-008
BY BURT D A
DDC NUMBER.....AD653092
INSTR...AF-19(628)-04495
PROJECT/TASK.....7663/03

AFCRL 67-0296
HEWLETT/PACKARD CO
INVESTIGATION AND DEVELOPMENT OF SEMICONDUCTOR-METAL CATHODES
SCIENTIFIC REPORT NO 2 APR 1967
OAR ACCESS NO.....258900-002
BY LEARCH L S
ARCHER R J
YAP T O
DDC NUMBER.....AD683190
INSTR...AF-19(628)-05946
PROJECT/TASK.....5638/01

AFCRL 67-0297
BRANDEIS UNIVERSITY
LEVEL SHIFTS DUE TO THE CONFINEMENT OF AN ATOM BY CONDUCTING WALLS
PHYSICS LETT. : VOL 24A NO 4 PP224-225 13 FEB 1967
OAR ACCESS NO.....252871-003
BY GOLUB R
GUTTRICH G L
DDC NUMBER.....AD652179
INSTR...AF-19(628)-05833
PROJECT/TASK.....4665/02

AFCRL 67-0298
COLUMBIA UNIVERSITY
STUDIES OF GUIDED ELECTROMAGNETIC WAVES IN THE PRESENCE OF AXIALLY NONUNIFORM OR RANDOM PERTURBATIONS
CU-CE REPORT NO 100 SCIENTIFIC REPORT NO 3 MAR 1967
OAR ACCESS NO.....261712-003
BY RICHTER S L
DDC NUMBER.....AD658068
INSTR...AF-19(628)-05832
PROJECT/TASK.....4600/04

AFCRL 67-0299
UNIVERSITY OF ARIZONA COLLEGE OF ENG
PLANE WAVE PROPAGATION THROUGH A COMPRESSIBLE INHOMOGENEOUS PLASMA
SCIENTIFIC REPORT NO 4 MAR 1967
OAR ACCESS NO.....252150-003
BY MAHNFBERG E
TYRAS G
DDC NUMBER.....AD653994
INSTR...AF-19(628)-03834
PROJECT/TASK.....4642/02

AFCRL 67-0300
UNIVERSITY OF ARIZONA
STUDY OF PLASMA SHEATH EFFECTS ON ANTENNAS FINAL REPORT APR 1967
OAR ACCESS NO.....252150-004
BY TYRAS G
DDC NUMBER.....AD653995
INSTR...AF-19(628)-03834
PROJECT/TASK.....4642/02

AFCRL 67-0301
CONTROLS FOR RADIATION INC
A SURVEY OF METHODS FOR MEASUREMENTS OF RADIATION FIELDS FROM THE AFCRL LINEAR ACCELERATOR
SCIENTIFIC REPORT NO 2 MAY 1967
OAR ACCESS NO.....250691-002
BY OZAIR V
DDC NUMBER.....AD654690
INSTR...AF-19(628)-05980
PROJECT/TASK.....5620/03

AFCRL 67-0302
CORNELL AERONAUTICAL LABORATORY INC
STUDY OF ANTENNA VOLTAGE BREAKDOWN IN A SHOCK TUNNEL /U/
UR-2304-E-1 QUARTERLY TECHNICAL REPORT NO 1 APR 1967
OAR ACCESS NO.....268622-001
BY ANDRE S N
DDC NUMBER.....AD382411
INSTR...F19628-67-C-0189
PROJECT/TASK.....8671/00

AFCRL 67-0303
UNIVERSITY OF LIEGE
RESEARCH ON RELATIONS BETWEEN COMETHY SOLAR AND UPPER ATMOSPHERIC PROCESSES FINAL REPORT APR 1967
OAR ACCESS NO.....267391-008
BY SWINGS P
DDC NUMBER.....AD655385
INSTR...AF-61(052)-00587
PROJECT/TASK.....7661/01

AFCRL 67-0304
AIR FORCE CAMBRIDGE RESEARCH LABS
SOME OBSERVATIONS OF THE GEL GROWTH OF DOPED AND UNDOPED CALCIUM TARTRATE CRYSTALS
PSRP NO 325 MAY 1967
OAR ACCESS NO.....256120-010
BY ARMINGTON A F
O CONNOR J J
DIPIETRO M A
DDC NUMBER.....AD662875
INSTR...AFCRL-5620-05-01
PROJECT/TASK.....5620/05

AFCRL 67-0305
AIR FORCE CAMBRIDGE RESEARCH LABS
SYNTACTIC ANALYSIS
PSRP NO 324 MAY 1967
OAR ACCESS NO.....254320-003
BY KEYSER S J
PETRICK S R
DDC NUMBER.....AD662599
INSTR...AFCRL-5632-05-01
PROJECT/TASK.....5632/05

AFCRL 67-0306
YORK UNIVERSITY
RESEARCH DIRECTED TOWARDS THE STUDY OF MOLECULAR BAND INTENSITIES AND DERIVED QUANTITIES FINAL REPORT MAY 1967
OAR ACCESS NO.....251170-001
BY NICHOLLS R W
DDC NUMBER.....AD656493
INSTR...AF-19(628)05813
PROJECT/TASK.....7635/01

AFCRL 67-0307
LOCKHEED MISSILES AND SPACE COMPANY
ELECTROMAGNETIC SCATTERING BY REGULAR POLYHEDRA FINAL REPORT APR 1967
OAR ACCESS NO.....251781-001
BY WATSON W H
KUSNEROV N
DDC NUMBER.....AD655390
INSTR...AF-19(628)5926
PROJECT/TASK.....4600/04

AFCRL 67-0308
SHELL DEVELOPMENT COMPANY
ROCK DEFORMATION AND THE DEFORMATION MECHANISMS IN TORSION TESTS FINAL REPORT MAR 1967
OAR ACCESS NO.....251170-001
BY HEARD H C
DDC NUMBER.....AD653194
INSTR...AF-19(628)2784
PROJECT/TASK.....7652/11

AFCRL 67-0309
AIR FORCE CAMBRIDGE RESEARCH LABS
CHARACTERIZATION OF SPEECH SOURCES IN TERMS OF GENETIC OPERATING CHARACTERISTICS
PSRP NO 326 MAY 1967
OAR ACCESS NO.....297540-002
BY SMITH C P
DDC NUMBER.....AD654301
INSTR...AFCRL-66(0-02-01
PROJECT/TASK.....4610/02

AFCRL 67-0310
SYRACUSE UNIV RESEARCH INSTITUTE
OPTIMUM SPATIAL PROCESSING IN A NOISY ENVIRONMENT FOR ARBITRARY ANTENNA ARRAYS SUBJECT TO RANDOM ERRORS SCIENTIFIC REPORT NO 3 MAY 1967
OAR ACCESS NO.....258110-001
BY CHENG D K
TSENG FUNG-I
DDC NUMBER.....AD653212
INSTR...AF-19(628)05668
PROJECT/TASK.....4600/06

AFCRL 67-0311
HUGHES AIRCRAFT CO
SPACE-TIME CORRELATION THEORY FOR INFORMATION-CARRYING SIGNALS
IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION VOL AP-15 NO 1 JANUARY 1967 PP 163-171
OAR ACCESS NO.....252780-002
BY YOUNG G O
KSIENSKI A A
DDC NUMBER.....AD653124
INSTR...AF-19(628)04358
PROJECT/TASK.....8683/03

AFCRL 67-0312
STANFORD UNIVERSITY
ELECTRICALLY CONTROLLED ACOUSTIC BEAM DEFLECTION
PROCEEDINGS OF THE IEEE VOL 55 NO 1 JANUARY 1967 PP 68-77
OAR ACCESS NO.....252062-003
BY ADDISON R C
AULD B A
WILKINSON J H
DDC NUMBER.....AD654304
INSTR...AF-19(628)05505
PROJECT/TASK.....5635/33

AFCRL 67-0313
SAN FERNANDO VALLEY STATE COLLEGE
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OAR ACCESS NO.....256280-001
BY COURT A
DDC NUMBER.....AD657358
INSTR...AF-19(628)05718
PROJECT/TASK.....8624/02

AFCRL 67-0314
AIR FORCE CAMBRIDGE RESEARCH LABS
TRANSMISSION LINE MODELS OF MAGNON-PHONON MODES IN FERRITES PART II COUPLED MODES
PSRP NO 327 MAY 1967
OAR ACCESS NO.....254030-005
BY SETHARES J C
DDC NUMBER.....AD655777
INSTR...AFCRL-5635-03-01
PROJECT/TASK.....5635/03

AFCRL 67-0315
BROWN UNIVERSITY
SPHERULES IN SEDIMENTARY ROCKS FINAL REPORT MAY 1967
OAR ACCESS NO.....251231-001
BY MUTCH T A
DDC NUMBER.....AD655799
INSTR...AF-19(628)6000
PROJECT/TASK.....7634/01

AFCRL 67-0316
BRANDEIS UNIVERSITY
MACHINE RECOGNITION OF TRANSFORMATIONAL GRAMMARS OF ENGLISH FINAL REPT JAN 1967
OAR ACCESS NO.....257860-001
BY REYSER S J
KIRK R
DDC NUMBER.....AD653993
INSTR...AF-19(628)05524
PROJECT/TASK.....5632/05

AFCRL 67-0317
PHILCO-FORD ADVANCED TECHNOLOGY CENTER
ADVANCED ANTENNA TECHNIQUES FINAL REPORT APR 1967
OAR ACCESS NO.....251971-001
BY KASHIHARA T K
CZORRITA S
PROCOPIC E W
DDC NUMBER.....AD654092
INSTR...AF-19(628)05846
PROJECT/TASK.....8603/03

AFCRL 67-0318
AMERICAN OPTICAL COMPANY
HALLION BORNE TELESCOPE FEASIBILITY STUDY AND DESIGN FINAL REPORT AUG 1967
OAR ACCESS NO.....269680-001
BY LANGOND A
PREVENSLIK T
WALTERS R
DDC NUMBER.....AD659051
INSTR...AF-19(628)05150
PROJECT/TASK.....8654/05

AFCRL 67-0319
A S THOMAS INC
WAVE PROPAGATION IN A NON-MAXWELLIAN MAGNETOACTIVE NONLINEAR PLASMA FINAL REPORT MAY 1967
OAR ACCESS NO.....271792-001
BY THOMAS A S
DDC NUMBER.....AD653988
INSTR...AF-19(628)05195
PROJECT/TASK.....4642/02

AFCRL 67-0321
LABORATOIRE DE SPECTROSCOPIE MOLECULAIRE
VIBRATIONAL ANALYSES OF 13 SUB C 16 SUB 02
SCIENTIFIC REPORT NR 1 FEB 1967
OAR ACCESS NO.....251281-001
BY CHEDIN A
DDC NUMBER.....AD657085
INSTR...AF-61(052)00911
PROJECT/TASK.....8603/03

AFCRL 67-0322
ISRAEL ATOMIC ENERGY COMMISSION
/OPTICAL AND ELECTRICAL PROPERTIES OF DIAMOND /OPTICAL AND ELECTRICAL PROPERTIES OF NON METALS/ FINAL REPORT FEB 1967
OAR ACCESS NO.....250760-010
BY HALPERIN A
DAN Y
CHEN R
LEVINSON J
DDC NUMBER.....AD653201
INSTR...AF-61(052)00759
PROJECT/TASK.....5621/04

AFCRL 67-0323
BRANDEIS UNIVERSITY
SOME REMARKS ABOUT SPINWAVES AND ZERO SOUND IN LOW TEMPERATURE LIQUID HE3
SCIENTIFIC REPORT NO 6 MAY 1967
OAR ACCESS NO.....252871-006
BY SCHAPPERT G T
DDC NUMBER.....AD654015
INSTR...AF-19(628)05833
PROJECT/TASK.....4645/02

AFCRL 67-0325
UNIVERSITY OF WASHINGTON
HIGH GAIN LOG-PERIODIC ANTENNAS
TECHNICAL REPORT NO 115 SCIENTIFIC REPORT NO 1 MAY 1967
OAR ACCESS NO.....271662-001
BY CHEN Y S
ISHIMARU A
DDC NUMBER.....AD659382
INSTR...AF-19(628)05079
PROJECT/TASK.....8600/10

AFCRL 67-0326
COLUMBIA UNIVERSITY
SHORT-PERIOD SEISMIC ENERGY RADIATION PATTERNS FROM UNDERGROUND NUCLEAR EXPLOSIONS AND SMALL-MAGNITUDE EARTHQUAKES
BULL SEISMOLOGICAL SOC OF AMERICA VOL 57 NO 2 PP 249-267 APRIL 1967
OAR ACCESS NO.....253081-001
BY SUTTON G H
MITRONOVAS W
POMEROY P W
DDC NUMBER.....AD654586
INSTR...AF-19(628)05058
PROJECT/TASK.....3652/01

AFCRL 67-0327
COLUMBIA UNIVERSITY
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GEOPHYS RES VOL 72 NO 8 APRIL 15 1967 PP2131-2153
OAR ACCESS NO.....272521-010
BY SYKES L R
DDC NUMBER.....AD654587
INSTR...AF-19(628)04082
PROJECT/TASK.....8652/01

AFCRL 67-0328
PENNSYLVANIA STATE UNIVERSITY
LOW ENERGY ELECTRONS ON A FIELD LINE WITH A POTENTIAL MINIMUM
SCIENTIFIC REPORT NO 296 APR 1967
BY GREDOSKY J M
OAR ACCESS NO.....267711-016
DDC NUMBER.....AD653639
INSTR...AF-19(628)04014
PROJECT/TASK.....8603/02

AFCRL 67-0329
OHIO STATE UNIVERSITY
RESEARCH INTO THE SCATTERING OF ELECTROMAGNETIC ENERGY FROM HIGHLY CONDUCTING BODIES FINAL REPORT MAY 1967
BY KENNAUGH E M
MOFFATT D L
SCHAFER R C
OAR ACCESS NO.....252140-004
DDC NUMBER.....AD657356
INSTR...AF-19(628)04009
PROJECT/TASK.....4600/04

AFCRL 67-0330
AIR FORCE CAMBRIDGE RESEARCH LABS
NEW MODEL ATMOSPHERES GIVING LATITUDINAL AND SEASONAL VARIATIONS IN THE THERMOSPHERE
AFSG NO 194 JUNE 1967
BY CHAMPION K S W
MARCOS F A
SLOCUM J
OAR ACCESS NO.....254680-003
DDC NUMBER.....AD655775
INSTR...AFCRL-6690-03-01
PROJECT/TASK.....6690/03

AFCRL 67-0331
TYCO LABORATORIES INC
ELECTROCHEMISTRY IN DIMETHYL SULFOXIDE
REPRINTED FROM THE JOURNAL OF ELECTROANALYTICAL AND INTERFACIAL CHEMISTRY VOL 14 PP 89-116 MAY 1967
BY BUTLER J N
OAR ACCESS NO.....257380-002
DDC NUMBER.....AD653238
INSTR...AF-19(628)05525
PROJECT/TASK.....8653/04

AFCRL 67-0332
GENERAL ELECTRIC CO
DC-COUPLED MONOPULSE EXCITATIONS FOR MAXIMUM GAIN WITH ARBITRARY SIDELOBE CONSTRAINTS
68707-SR-1 SCIENTIFIC REPORT NO 1 APR 1967
BY KINSEY W R
OAR ACCESS NO.....258450-001
DDC NUMBER.....AD655391
INSTR...AF-19(628)05905
PROJECT/TASK.....8683/03

AFCRL 67-0333
NEW YORK UNIVERSITY
ACTIVE RC DELAY NETWORKS USING OPERATIONAL AMPLIFIERS
TECHNICAL REPORT 400-159 SIXTH SCIENTIFIC REPORT MAY 1967
BY ONEILL J F
OAR ACCESS NO.....250911-006
DDC NUMBER.....AD658020
INSTR...AF-19(628)05537
PROJECT/TASK.....5628/06

AFCRL 67-0335
GCA CORP
EXTENSION TABLES FOR THE U S STANDARD ATMOSPHERE 1962 WITH SPECIAL ATTENTION TO THE CALCULATION OF GEOPOTENTIAL
GCA-TR-67-1-A SCIENTIFIC REPORT NO 1 JAN 1967
BY MINZNER R A
OAR ACCESS NO.....755110-005
DDC NUMBER.....AD655779
INSTR...AF-19(628)06095
PROJECT/TASK.....5710/00

AFCRL 67-0336
UNIVERSITY OF UTAH
ROCKET INSTRUMENTATION FOR SOLAR ECLIPSE MEASUREMENTS 12 NOVEMBER 1966
UU-67-2 SCIENTIFIC REPORT NO 2 APR 1967
BY SELJAAS R G
HURT D A
OAR ACCESS NO.....254532-002
DDC NUMBER.....AD656342
INSTR...AF-19(628)05044
PROJECT/TASK.....7663/07

AFCRL 67-0337
LABORATOIRE DE PHYSIQUE
IONOSPHERIC RESEARCHES USING SATELLITES
PROGRESS REPORT NO 13 APR 1967
BY VASSY E J
OAR ACCESS NO.....250120-001
DDC NUMBER.....AD653983
INSTR...AF-61(052)00761
PROJECT/TASK.....4643/02

AFCRL 67-0338
NORTHEASTERN UNIVERSITY
DATA TRANSMISSION AND INSTRUMENTATION SYSTEMS FOR SPACE VEHICLES FINAL REPORT APR 1967
BY ROCHEFORT J S
SURYS N
O CONNOR L J
GLAZER A
OAR ACCESS NO.....266401-001
DDC NUMBER.....AD657287
INSTR...AF-19(628)02433
PROJECT/TASK.....7043/00

AFCRL 67-0339
AIR FORCE CAMBRIDGE RESEARCH LABS
WIND AND TEMPERATURE PROFILES FROM PROJECT WINDY ACRES SPECIAL REPORTS NO 65 JUNE 1967
BY UNKNOWN
OAR ACCESS NO.....258090-005
DDC NUMBER.....AD658827
INSTR...AFCRL-7658-01-01
PROJECT/TASK.....7658/01

AFCRL 67-0340
HARVARD UNIVERSITY
TURBULENT SHOCK WAVES IN PLASMAS
PHYSICS OF FLUIDS VOL 10 NO 3 MAR 1967 PP 547-554
BY TIDMAN D A
OAR ACCESS NO.....263873-001
DDC NUMBER.....AD657834
INSTR...AF-19(628)05744
PROJECT/TASK.....7649/06

AFCRL 67-0341
HARVARD UNIVERSITY
THE FARTHS BOW SHOCK WAVE
JOURNAL OF GEOPHYSICAL RESEARCH VOL 72 NO 7 1 APRIL 1967 PP1799-1808
BY TIDMAN D A
OAR ACCESS NO.....263873-002
DDC NUMBER.....AD658349
INSTR...AF-19(628)05744
PROJECT/TASK.....7649/06

AFCRL 67-0342
HUGHES AIRCRAFT COMPANY
EIGENELEMENTS OF THE FINITE FOURIER TRANSFORM AND THEIR APPLICATION TO ANTENNA PATTERN SYNTHESIS
HAC REF NO AS034 P67-93 SCIENTIFIC REPORT NO 8 DEC 1966
BY FONG T S
OAR ACCESS NO.....252290-008
DDC NUMBER.....AD655791
INSTR...AF-19(628)04349
PROJECT/TASK.....4600/10

AFCRL 67-0344
MCGILL UNIVERSITY
A STRATOSPHERIC GENERAL CIRCULATION EXPERIMENT INCORPORATING DIABATIC HEATING AND OZONE PHOTOCHEMISTRY
SCIENTIFIC REPORT NO 4 APR 1967
BY BYRON-SCOTT
OAR ACCESS NO.....272831-004
DDC NUMBER.....AD655058
INSTR...AF-19(628)04955
PROJECT/TASK.....8628/07

AFCRL 67-0345
NEW YORK UNIVERSITY
STRESS AND DEFORMATION ANALYSIS OF FLEXIBLE BALLOONS FINAL REPORT MAR 1967
BY KEHR A D
OAR ACCESS NO.....251040-003
DDC NUMBER.....AD656637
INSTR...AF-19(628)04990
PROJECT/TASK.....6665/01

AFCRL 67-0346
HARVARD UNIVERSITY
RESEARCH DIRECTED TOWARD THE OBSERVATION AND INTERPRETATION OF SOLAR PHENOMENA FINAL REPORT MAY 1967
BY GILL H
MENZEL D H
DEMASTUS H L
OAR ACCESS NO.....271771-015
DDC NUMBER.....AD656751
INSTR...AF-19(628)03322
PROJECT/TASK.....7649/06

AFCRL 67-0347
STANFORD UNIVERSITY
AN INTEGRATED METEOR RADAR SYSTEM FOR WIND AND DENSITY MEASUREMENTS IN THE UPPER ATMOSPHERE FINAL REPORT MAY 1967
BY NOWAK R
OAR ACCESS NO.....250570-003
DDC NUMBER.....AD658341
INSTR...AF-19(628)03996
PROJECT/TASK.....8628/08

AFCRL 67-0348
RAYTHEON COMPANY SISD
STUDY OF ECM ANTENNA OPTIMIZATION FINAL REPORT MAR 1967
BY SFORZA P F
ROLFE E
SAMADDAR S N
WEISS J G
OAR ACCESS NO.....257790-003
DDC NUMBER.....AD818448
INSTR...AF-19(628)05519
PROJECT.....8671

AFCRL 67-0349
RAYTHEON COMPANY
STUDY OF ECM ANTENNA OPTIMIZATION /U/ FINAL REPORT MAR 1967
BY SFORZA P F
SAMADDAR S N
ROLFE E
WEISS J G
OAR ACCESS NO.....257790-005
DDC NUMBER.....AD383724
INSTR...AF-19(628)05519
PROJECT/TASK.....8671/00

AFCRL 67-0350
MLOCK ENGINEERING INC
STUDY OF FAR INFRARED ATMOSPHERIC TRANSMISSION FINAL REPORT JUNE 1967
OAR ACCESS NO.....273293-001
BY SMITH D H
DDC NUMBER.....AD658318
INSTR...AF-19(628)5979
PROJECT/TASK.....7670/05

AFCRL 67-0351
AIR FORCE CAMBRIDGE RESEARCH LABS
CLASSICAL AND QUANTAL CALCULATIONS ON ELECTRON CAPTURE PSRP NO 328 JUNE 1967
OAR ACCESS NO.....255610-001
DDC NUMBER.....AD658845
INSTR...AFCRL-RA2H-05-01
PROJECT/TASK.....8627/06

AFCRL 67-0352
PHYSICAL STUDIES INC
CERTAIN COLLISIONS BETWEEN PROTONS AND DIATOMIC MOLECULES FINAL REPORT MAY 1967
OAR ACCESS NO.....351772-001
BY ORGENE R G JR
DDC NUMBER.....AD655911
INSTR...AF-19(628)5174
PROJECT/TASK.....8659/01

AFCRL 67-0353
AIR FORCE CAMBRIDGE RESEARCH LABS
RANDOM SCATTERING OF QUASIMONOCHROMATIC RADIATION IN A LONG TRANSMISSION LINE
PSRP NO 329 JUNE 1967
OAR ACCESS NO.....257610-002
BY POIRIER J L
DDC NUMBER.....AD655789
INSTR...AFCRL-4642-01-01
PROJECT/TASK.....4642/01

AFCRL 67-0355
RADIO OBSERVATORY
IONOSPHERIC RESEARCH USING SATELLITES
ANNUAL SCIENTIFIC REPORT NO 2 FEB 1967
OAR ACCESS NO.....252650-003
BY MASS J
HOUMINEN Z
DDC NUMBER.....AD655398
INSTR...AF-61(052)00837
PROJECT/TASK.....4643/02

AFCRL 67-0356
FORSVARETS FORSKNING SINSTITUTT
TOTAL ELECTRON CONTENT MEASUREMENTS AT HIGH LATITUDES FINAL REPORT JAN 1967
OAR ACCESS NO.....252870-001
BY FREMAGEN J
ORATTENG O M
DDC NUMBER.....AD654330
INSTR...AF-61(052)00860
PROJECT/TASK.....5629/01

AFCRL 67-0357
UNIVERSITY OF FLORENCE
MODES IN STABLE AND UNSTABLE REGIONS OF THE FLAT-ROOF OPEN RESONATOR
SCIENTIFIC REPORT NO 5 FEB 1967
OAR ACCESS NO.....264723-006
BY TORALDO DI FRANCIA G
CHECCACCI P F
CONSORTINI A
SCHEGGI A M
DDC NUMBER.....AD654319
INSTR...AF-61(052)00871
PROJECT/TASK.....4645/02

AFCRL 67-0358
INNSBRUCK UNIVERSITY
THE HELICAL ANTENNA AND ITS PROBLEMS
SCIENTIFIC REPORT NO 1 MAY 1967
OAR ACCESS NO.....252301-003
BY BITTERLICH W
DDC NUMBER.....AD650563
INSTR...AF-61(052)00902
PROJECT/TASK.....4600/10

AFCRL 67-0359
FORSVARETS FORSKNING SINSTITUTT
FIELD DISTRIBUTION IN CUS AS DETERMINED BY AN OPTICAL PROBE
SCIENTIFIC REPORT NO 2 JAN 1967
OAR ACCESS NO.....258340-002
BY FOSSUM H J
DDC NUMBER.....AD654329
INSTR...AF-61(052)00958
PROJECT/TASK.....8683/01

AFCRL 67-0360
UNIVERSITY OF MICHIGAN
LOW FREQUENCY SCATTERING BY SPHEROIDS AND DISCS
7133-5-T SCIENTIFIC REPORT NO4 JUNE 1967
OAR ACCESS NO.....272321-005
BY ASVESTAS J S
KLEINMAN R E
DDC NUMBER.....AD655782
INSTR...AF-19(628)4328
PROJECT/TASK.....5635/02

AFCRL 67-0361
INNSBRUCK UNIVERSITY
PROPAGATION OF LONG ELECTROMAGNETIC WAVES THROUGH ROCK
SCIENTIFIC REPORT NO 2 APR 1967
OAR ACCESS NO.....FB2301-001
BY BITTERLICH W
DDC NUMBER.....AD654694
INSTR...AF-61(052)00902
PROJECT/TASK.....4600/10

AFCRL 67-0362
INNSBRUCK UNIVERSITY
THE FREQUENCY DEPENDENCE OF THE DIELECTRIC CONSTANT AND CONDUCTIVITY OF ROCK AND ITS RELATION TO QUANTITIES OF ROCK FABRIC
SCIENTIFIC REPORT NO 3 APR 1967
OAR ACCESS NO.....252301-002
BY BITTERLICH W
DDC NUMBER.....AD656733
INSTR...AF-61(052)00902
PROJECT/TASK.....4600/10

AFCRL 67-0363
SYSTEM DEVELOPMENT CORP
ABSTRACT FAMILIES OF LANGUAGES
TM-738/031/00 SCIENTIFIC REPORT NO 5 APR 1967
OAR ACCESS NO.....259400-004
BY GINSBURG S
GREIBACH S
DDC NUMBER.....AD657015
INSTR...F19628-67-C-0008
PROJECT/TASK.....5632/05

AFCRL 67-0364
SYSTEM DEVELOPMENT CORP
A NOTE ON PRESERVATION OF LANGUAGES BY TRANSDUCERS
TM-738/032/00 SCIENTIFIC REPORT NO 6 MAY 1967
OAR ACCESS NO.....259400-005
BY GINSBURG S
ROSE G F
DDC NUMBER.....AD657016
INSTR...F19628-67-C-0008
PROJECT/TASK.....5632/05

AFCRL 67-0365
SYLVANIA ELECTRIC PRODUCTS INC
RESEARCH TO DEVELOP THE ALGEBRAIC THEORY OF CODES
SCIENTIFIC REPORT NO 1 JUNE 1967
OAR ACCESS NO.....258640-001
BY ASSMUS E F JR
MATTSON H F JR
TURYN R J
DDC NUMBER.....AD656783
INSTR...AF-19(628)5998
PROJECT/TASK.....5628/01

AFCRL 67-0366
FLORIDA STATE UNIVERSITY
THE DYNAMICS OF THE STRATOSPHERE DURING THE 1958 WARMING
SCIENTIFIC REPORT NO 2 JULY 1967
OAR ACCESS NO.....250561-002
BY HUBMAN M A
DDC NUMBER.....AD655780
INSTR...AF-19(628)04953
PROJECT/TASK.....8628/07

AFCRL 67-0367
FLORIDA STATE UNIVERSITY
THE EFFECT OF HAZE UPON UMKEHR MEASUREMENTS
SCIENTIFIC REPORT NO 3 JULY 1967
OAR ACCESS NO.....250561-003
BY DELUISE J J
DDC NUMBER.....AD658007
INSTR...AF-19(628)04953
PROJECT/TASK.....8628/07

AFCRL 67-0368
AIR FORCE CAMBRIDGE RESEARCH LABS
ANGULAR RESOLUTION OF A PASSIVE TWO-ANTENNA SYSTEM
PSRP NO 330 JUN 1967
OAR ACCESS NO.....258210-002
BY LAMMERS U H W
DDC NUMBER.....AD818699L
INSTR...AFCRL-5635-05-01
PROJECT/TASK.....5635/05

AFCRL 67-0369
TUFTS UNIVERSITY
INVESTIGATION OF THE ULTRASONIC ATTENUATION IN IRRADIATED METALS FINAL REPORT JUNE 1967
OAR ACCESS NO.....250630-001
BY MCCARTHY K A
WANG E Y
KOLOUCH M J
DDC NUMBER.....AD662870
INSTR...AF-19(628)04029
PROJECT/TASK.....5620/02

AFCRL 67-0370
STANFORD RESEARCH INSTITUTE
RESEARCH ON INTELLIGENT QUESTION-ANSWERING SYSTEM
SRI PROJECT 6001 SCIENTIFIC REPORT 1 MAY 1967
OAR ACCESS NO.....258530-001
BY GREEN C C
RAPHAEL D
DDC NUMBER.....AD656789
INSTR...AF-19(628)05919
PROJECT/TASK.....4641/02

AFCRL 67-0371
CONTROL EQUIPMENT CORPORATION
INSTRUMENTATION AND TECHNIQUES FOR UPPER ATMOSPHERE MEASUREMENTS FINAL REPORT JUNE 1967
BY ADAMS H E
OAR ACCESS NO.....752E00-001
DDC NUMBER.....AD656393
INSTR...AF-19(628)-5147
PROJECT/TASK.....6690/02

AFCRL 67-0372
VITRO LABORATORIES
A SURVEY OF METHODS FOR CONTROLLING THE ALTITUDE OF FREE BALLOONS WITH AIR BALLAST SYSTEMS
TECHNICAL NOTE 02057 02-1 SCIENTIFIC REPORT NO 1 SEPT 1967
BY JACKSON J P
DAVIDSON A R JR
BASSETT R E
OAR ACCESS NO.....259540-001
DDC NUMBER.....AD661281
INSTR...F19628-67-C-0192
PROJECT/TASK.....6685/01

AFCRL 67-0373
PENNSYLVANIA STATE UNIVERSITY
A SOLID STATE POLARIMETER SUITABLE FOR ROCKET-BORNE IONOSPHERIC DIFFERENTIAL ABSORPTION MEASUREMENTS
SCIENTIFIC REPORT NO 298(E) MAY 1967
BY MARSHALL D H II
OAR ACCESS NO.....264393-001
DDC NUMBER.....AD658451
INSTR...F19628-67-C-0301
PROJECT.....5710

AFCRL 67-0374
AIR FORCE CAMBRIDGE RESEARCH LABS
A SATELLITE-TO-SATELLITE HF IONOSPHERIC PROPAGATION ENVIRONMENT STUDY
AFSG NO 195 JUNE 1967
BY VEDEBERG J
WONG H S
DANIELS G M
OAR ACCESS NO.....258090-001
DDC NUMBER.....AD660921
INSTR...AFCRL-66(3-07-01
PROJECT/TASK.....4603/07

AFCRL 67-0375
CASE INSTITUTE OF TECHNOLOGY
WAVE INTERACTION IN NONRELATIVISTIC ELECTRON BEAM-PLASMA SYSTEMS
SCIENTIFIC REPORT NO 17 JULY 1967
BY OTTENI G A
OAR ACCESS NO.....265301-009
DDC NUMBER.....AD656346
INSTR...AF-19(628)-01699
PROJECT/TASK.....5635/04

AFCRL 67-0376
CASE INSTITUTE OF TECHNOLOGY
THE STUDY OF COMPLIMENTARY POLYNOMIALS IN A NETWORK SENSE
SCIENTIFIC REPORT NO 18 JULY 1967
BY ALGENI M M
OAR ACCESS NO.....265301-010
DDC NUMBER.....AD657047
INSTR...AF-19(628)-01699
PROJECT/TASK.....5635/04

AFCRL 67-0377
HARVARD UNIVERSITY
CURRENT DISTRIBUTION AND INPUT ADMITTANCE OF AN ELECTRICALLY THICK TUBULAR ANTENNA DRIVEN BY A VOLTAGE ACROSS A FINITE GAP ON AN INFINITELY LARGE GROUND PLANE
SCIENTIFIC REPORT NO 17 (SERIES 3) MAY 1967
BY CHANG D C
OAR ACCESS NO.....271601-011
DDC NUMBER.....AD658455
INSTR...AF-19(628)-02406
PROJECT/TASK.....5635/02

AFCRL 67-0378
HUGHES RESEARCH LABORATORIES
ELECTRON REFLECTION COEFFICIENT AT ZERO ENERGY II COMPUTER EXPERIMENTS ON THE REFLECTION OF SLOW ELECTRONS IN THE ELECTROSTATIC FIELD OF SURFACE PATCHES
SCIENTIFIC REPORT NO 4 JUNE 1967
BY HEIL H
OAR ACCESS NO.....267351-004
DDC NUMBER.....AD659136
INSTR...AF-19(628)-04297
PROJECT/TASK.....4659/02

AFCRL 67-0379
NEW YORK UNIVERSITY
FIXED-WORD-DURATION VARIABLE-DATA-RATE PROCEDURES FOR FEEDBACK COMMUNICATION SYSTEMS
TECHNICAL REPORT 400-160 SIXTH SCIENTIFIC REPORT MAY 1967
BY METZNER J J
MONGAN R C
OAR ACCESS NO.....269532-005
DDC NUMBER.....AD660126
INSTR...AF-19(628)-04321
PROJECT/TASK.....4610/03

AFCRL 67-0380
UNIVERSITY OF ROCHESTER
COMPLEX REPRESENTATION OF OPTICAL FIELDS IN COHERENCE THEORY
JOURNAL OF THE OPTICAL SOCIETY OF AMERICA VOL 57 NUS MAY 1967 PP 613-617
BY MANDEL L
OAR ACCESS NO.....253290-004
INSTR...AF-19(628)-05052
PROJECT/TASK.....4645/02

AFCRL 67-0381
FAIRCHILD SEMICONDUCTOR
RADIATION STUDY ON NUS STRUCTURES
SCIENTIFIC REPORT NO 3 AUG 1967
BY SNOW E H
GROVE A S
FITZGERALD D J
OAR ACCESS NO.....258150-003
DDC NUMBER.....AD656878
INSTR...AF-19(628)-05747
PROJECT/TASK.....4608/05

AFCRL 67-0382
LOCKHEED MISSILES AND SPACE CO
NEW STUDIES OF THE BAND STRUCTURE OF THE DIAMOND-TYPE CRYSTALS
PHYSICAL SOCIETY OF JAPAN PUBLISHED IN PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON THE PHYSICS OF SEMICONDUCTORS KYOTO 1966 VOL21 SUPP PP7-14 1966
BY HERMAN F
KUGLIN C D
KORTUM R L
SHORT R A
OAR ACCESS NO.....258860-001
DDC NUMBER.....AD650060
INSTR...AF-19(628)-05750
PROJECT/TASK.....5620/08

AFCRL 67-0383
UNIVERSITY OF WASHINGTON
TRANSIENT WAVE PROPAGATION IN A PLASMA
TECHNICAL REPORT NO 116 SCIENTIFIC REPORT NO 2 MAY 1967
BY RAO N N J
ISHIMARU A
OAR ACCESS NO.....271662-002
DDC NUMBER.....AD659788
INSTR...AF-19(628)-05879
PROJECT/TASK.....4600/10

AFCRL 67-0385
OHIO STATE UNIV RESEARCH FOUNDATION
ELECTRON TEMPERATURES OF IONIZED NEBULAE DERIVED FROM HB AND RADIO FLUX DENSITIES
THE ASTROPHYSICAL JOURNAL VOL 148 JUNE 1967 PP 927-929
BY KO H C
OAR ACCESS NO.....259260-003
DDC NUMBER.....AD655273
INSTR...AF-19(628)-06165
PROJECT/TASK.....5629/01

AFCRL 67-0386
OHIO STATE UNIVERSITY RESEARCH FOUNDATION
RESEARCH DIRECTED TOWARD DETERMINATION OF RADIATIVE PROPERTIES AND COMPOSITION OF THE ATMOSPHERE FINAL REPORT APR 1967
BY SHAW J H
THUSTY J
ECHO D
OAR ACCESS NO.....253341-002
DDC NUMBER.....AD658292
INSTR...AF-19(628)-03806
PROJECT/TASK.....7670/03

AFCRL 67-0387
FLORIDA STATE UNIVERSITY
OZONE DISTRIBUTION OVER TALLAHASSEE FLORIDA
GEOPHYSICAL RESEARCH VOL 72 NO 6 15 MARCH 1967 PP 1661-1665
BY CRAIG R A
DELUISI J J
STICKSEL P R
OAR ACCESS NO.....250561-004
DDC NUMBER.....AD660448
INSTR...AF-19(628)-04953
PROJECT/TASK.....8628/07

AFCRL 67-0388
FLORIDA STATE UNIVERSITY
COMPARISON OF CHEMILUMINESCENT AND UNKEHR OBSERVATIONS OF OZONE
GEOPHYSICAL RESEARCH VOL 72 NO 6 15 MARCH 1967
BY CRAIG R A
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OAR ACCESS NO.....250561-005
DDC NUMBER.....AD660449
INSTR...AF-19(628)-04953
PROJECT/TASK.....8628/07

AFCRL 67-0389
STATE UNIVERSITY OF NEW YORK
DISPERSION RELATIONS OF PERIODIC AND LOG-PERIODIC DIPOLE ARRAYS WITH PARASITIC ELEMENTS
TECHNICAL REPORT NO 92 SCIENTIFIC REPORT NO 3 JUNE 1967
BY SUN D E
KIELHORTZ R H
OAR ACCESS NO.....252240-003
DDC NUMBER.....AD662638
INSTR...AF-19(628)-04148
PROJECT/TASK.....4600/04

AFCRL 67-0390
UNIVERSAL CORPORATION FOR ATMOSPHERIC RESEARCH
SOLAR RESEARCH AND INSTRUMENTATION PROGRAMS AT SACRAMENTO PEAK OBSERVATORY AND HIGH ALTITUDE OBSERVATORY FINAL REPORT JUNE 1967

BY SHUTT R L
WATSON D K

OAR ACCESS NO.....263542-001
DDC NUMBER.....AD656425
INSTR...AF-19(628)-04078
PROJECT/TASK.....7669/06

AFCRL 67-0391
AIR FORCE CAMBRIDGE RESEARCH LABS
GEMINI VII L-15 CRYOGENIC INTERFEROMETER CALIBRATIONS
INSTRUMENTATION PAPERS NO 126 JUNE 1968

BY NADILE W
MARCOTTE L
TURNER V
LOVETT J

OAR ACCESS NO.....256390-001
DDC NUMBER.....AD818376L
INSTR...AFCRL-68-0062-01-01
PROJECT/TASK.....7062/00

AFCRL 67-0392
AIR FORCE CAMBRIDGE RESEARCH LABS
SELECTED PROGRAMS FOR MANUALLY OPERATED ELECTRONIC DESK CALCULATORS PART I-THEORETICAL BACKGROUND AND APPLICATIONS
PHSRP NO 331 JUNE 1967

BY HAASE K H

OAR ACCESS NO.....254230-006
DDC NUMBER.....AD660561
INSTR...AFCRL-68-0-06-01
PROJECT/TASK.....5624/06

AFCRL 67-0393
AIR FORCE CAMBRIDGE RESEARCH LABS
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BY HAASE K H

OAR ACCESS NO.....254230-007
DDC NUMBER.....AD660560
INSTR...AFCRL-68-0-06-01
PROJECT/TASK.....5624/06

AFCRL 67-0394
KAMAN AIRCRAFT CORP
MATHEMATICAL/STATISTICAL TECHNIQUE TO ESTIMATE MAXIMUM AEROSPACE VEHICLE RESPONSE TO WIND FINAL REPORT MAY 1967

BY BUELL E C

OAR ACCESS NO.....259131-001
DDC NUMBER.....AD655909
INSTR...AF-19(628)-05170
PROJECT/TASK.....4624/02

AFCRL 67-0395
IDEALAB INCORPORATED
INVESTIGATION AND CONTINUED DEVELOPMENT OF THE IDEALAB FOURIER TRANSFORM ANALOG COMPUTER FINAL REPORT JUN 1967

BY MULLARD A H

OAR ACCESS NO.....258922-001
DDC NUMBER.....AD657360
INSTR...AF-19(628)-05653
PROJECT/TASK.....7670/03

AFCRL 67-0396
UNIVERSITY OF CALIFORNIA
GAIN COMPENSATED PHOTOPOLARIMETER FOR AIRBORNE MEASUREMENTS OF SKYLIGHT POLARIZATION
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BY CHESEBROUGH G F
NAGARAJA RAO C R
DIDBLE D F

OAR ACCESS NO.....261833-001
DDC NUMBER.....AD658194
INSTR...F19628-67-C-0196
PROJECT/TASK.....7621/03

AFCRL 67-0397
BRANDEIS UNIVERSITY
GENERALIZED MAGNETO-IONIC THEORY FOR STRONG ELECTRIC FIELDS
SCIENTIFIC REPORT 3 JUNE 1967

BY RAKSHI P M

OAR ACCESS NO.....251490-003
DDC NUMBER.....AD655788
INSTR...AF-19(628)-04814
PROJECT/TASK.....4647/01

AFCRL 67-0398
AIR FORCE CAMBRIDGE RESEARCH LABS
DEGRADATION OF IMAGERY FROM OPTICAL-MECHANICAL SCANNERS MOISTURE CONDENSATION ON OPTICS
ERP NO 269 JUNE 1967

BY WILLIAMS J S
PENN R W

OAR ACCESS NO.....254930-001
DDC NUMBER.....AD382730
INSTR...AFCRL-7628-01-01
PROJECT/TASK.....7628/01

AFCRL 67-0399
TECHNICAL OPERATIONS INC
LASER FOG DISDROMETER SYSTEM FINAL REPORT JUNE 1967

BY WARD J

OAR ACCESS NO.....273451-002
DDC NUMBER.....AD656487
INSTR...AF-19(628)-03813
PROJECT/TASK.....7605/01

AFCRL 67-0400
AIR FORCE CAMBRIDGE RESEARCH LABS
RADIO SCIENCE
SPECIAL ISSUE OF RADIO SCIENCE VOL1 NO10 OCTOBER 1968
PP1125-1238

BY AAKONS J

OAR ACCESS NO.....254100-007
DDC NUMBER.....AD659751
INSTR...AFCRL-4663-02-01
PROJECT/TASK.....4663/02

AFCRL 67-0401
UNIVERSITY OF ILLINOIS
IMAGING WITH COHERENT FIELDS
TECHNICAL REPORT NO 12 MAY 1967 ANTENNA LABORATORY REPORT NO 67-3

BY MITTRA R
RANSOM P L

OAR ACCESS NO.....273130-008
DDC NUMBER.....AD659168
INSTR...AF-19(628)-03819
PROJECT/TASK.....5635/02

AFCRL 67-0402
SYRACUSE UNIVERSITY
MAXIMISATION OF DIRECTIVE GAIN FOR CIRCULAR AND ELLIPTICAL ARRAYS
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BY CHENG D K
TSENG F I

OAR ACCESS NO.....258110-002
DDC NUMBER.....AD657834
INSTR...AF-19(628)-05668
PROJECT/TASK.....8683/03

AFCRL 67-0404
HARVARD UNIVERSITY
THEORETICAL STUDY OF DIPOLE ARRAY OF N PARALLEL ELEMENTS
SCIENTIFIC REPORT NO 18 MAY 1967 (SERIES 3)

BY CHANG V W H
KING R W P

OAR ACCESS NO.....271681-010
DDC NUMBER.....AD658030
INSTR...AF-19(628)-02406
PROJECT/TASK.....5635/02

AFCRL 67-0405
LOCKHEED MISSILES AND SPACE CO
PHOTOEMISSION STUDY OF THE ELECTRONIC STRUCTURE OF COTE
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BY SHAY J L
SPICER W E
HERMAN F

OAR ACCESS NO.....258260-002
DDC NUMBER.....AD656365
INSTR...AF-19(628)-05750
PROJECT/TASK.....5620/08

AFCRL 67-0406
HARVARD UNIVERSITY
AN EXPERIMENTAL STUDY OF AN ELECTRICALLY THICK TUBULAR MONOPOLE ANTENNA DRIVEN BY A COAXIAL TRANSMISSION LINE
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OAR ACCESS NO.....271681-012
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PROJECT/TASK.....5635/02

AFCRL 67-0407
NORTHEASTERN UNIVERSITY
OPTIMUM LINEAR INTERPOLATION OF SAMPLED FUNCTIONS
COMMUNICATION THEORY GROUP REPORT NO 7 SCIENTIFIC REPORT NO 1 APR 1967

BY SCHETZEN M

OAR ACCESS NO.....272592-001
DDC NUMBER.....AD658692
INSTR...F19628-67-C-0112
PROJECT/TASK.....4610/03

AFCRL 67-0408
NEW YORK UNIVERSITY
FEEDBACK COMMUNICATION SYSTEMS II FINAL REPORT NOV 1967

BY METZNER J J

OAR ACCESS NO.....259532-007
DDC NUMBER.....AD666441
INSTR...AF-19(628)-04321
PROJECT/TASK.....4610/03

AFCRL 67-0409
AIR FORCE CAMBRIDGE RESEARCH LABS
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ERP NO 270 JULY 1967

BY KALAGHAN P M
WULFSBERG K N

OAR ACCESS NO.....256510-001
DDC NUMBER.....AD659744
INSTR...AFCRL-68-82-01-01
PROJECT/TASK.....8682/01

AFCRL 67-0410
PHYSIKALISCH-METEOROLOGISCHES OBSERVATORIUM
A NEW SPECTROPHOTOMETER FOR MEASURING ULTRAVIOLET SKY BRIGHTNESS AND DIRECT SOLAR RADIATION FINAL REPORT APR 1967

BY HOFER P

OAR ACCESS NO.....268351-001
DDC NUMBER.....AD655394
INSTR...AF-61(052)-00618
PROJECT/TASK.....7621/03

AFCRL 67-0411
ELECTRO/MECHANICS COMPANY
A FEASIBILITY STUDY OF A COMPONENT GRADIOMETER /U/
SCIENTIFIC REPORT NO 1 PART II MAY 1967
OAR ACCESS NO.....761302-001
BY PLONY R K — DDC NUMBER.....AD813416L
GARRETT K S — INSTR...AF-19(628)6151
MORRIS F J — PROJECT/TASK.....0000/1

AFCRL 67-0412
BOLT BERANEK AND NEWMAN INC
EFFECTIVENESS OF INFORMATION RETRIEVAL METHODS
BBN REPORT NO 1699 SCIENTIFIC REPORT NO 8 JUNE 1967
OAR ACCESS NO.....251080-008
BY SWETS J A — DDC NUMBER.....AD656140
INSTR...AF-19(628)5065
PROJECT/TASK.....4668/00

AFCRL 67-0413
MELPAR INC
INVESTIGATION OF SPEECH PROCESSING STUDIES FINAL REPORT
OCT 1967
OAR ACCESS NO.....272461-002
BY RICHTER D J JR — DDC NUMBER.....AD821494
KING D C — INSTR...AF-19(628)4032
SHINGLER R M — PROJECT/TASK.....4610/00
MAGAN T B JR

AFCRL 67-0414
PRINCETON UNIVERSITY
APPLICATIONS OF THE SOLID AND LIQUID STATE CONCEPTS FOR
MACROMETRIC SYSTEMS FINAL REPORT JUNE 1967
OAR ACCESS NO.....250361-032
BY WINTERNITZ N E — DDC NUMBER.....AD657335
INSTR...AF-19(628)5505
PROJECT/TASK.....7624/04

AFCRL 67-0415
THE ELECTRO-MECHANICS COMPANY
DEVELOPMENT OF TECHNIQUES FOR GEOMAGNETIC FIELD
MEASUREMENTS RECORDING AND AUTOMATIC RECORD DIGITIZING
FINAL REPORT MAR 1967
OAR ACCESS NO.....761301-001
BY WATERS R L
MORRIS F J — INSTR...AF-19(628)5215
PROJECT/TASK.....8601/02

AFCRL 67-0416
KIRUNA GEOPHYSICAL OBSERVATORY
AURORAL ZONE IONOSPHERIC RESEARCH FINAL REPORT MAY 1967
OAR ACCESS NO.....762262-006
BY LISZKA L — DDC NUMBER.....AD655393
INSTR...AF-61(052)00670
PROJECT/TASK.....4643/02

AFCRL 67-0417
ELECTRO-MECHANICS CO
A FEASIBILITY STUDY OF A COMPONENT GRADIOMETER
SCIENTIFIC REPORT NO 1 (PART I) MAY 1967
OAR ACCESS NO.....761302-004
BY FLANNERY W T — DDC NUMBER.....AD818998L
HUCHANAN W T — INSTR...AF-19(628)6151
ROBERTS G P — PROJECT/TASK.....0000/1
MORRIS F J

AFCRL 67-0418
PENNSYLVANIA STATE UNIVERSITY
D-REGION PROCESSES IN NON-POLAR LATITUDES
SCIENTIFIC REPORT NO 243 JUNE 1967
OAR ACCESS NO.....267711-017
BY MITRA A P — DDC NUMBER.....AD658850
INSTR...AF-19(628)4014
PROJECT/TASK.....8605/02

AFCRL 67-0419
CASE INSTITUTE OF TECHNOLOGY
PROPAGATION IN WAVEGUIDES FILLED WITH WARM PLASMA
SCIENTIFIC REPORT NO 10 JUNE 1967
OAR ACCESS NO.....265301-011
BY NIELD P W — DDC NUMBER.....AD659824
INSTR...AF-19(628)5019
PROJECT/TASK.....5635/04

AFCRL 67-0420
UNIVERSITY OF DAYTON
A DIGITAL AIRBORNE METEOROLOGICAL DATA COLLECTION
SYSTEM
UDRI-TM-67-123 SCIENTIFIC REPORT NO 1 JUNE 1967
OAR ACCESS NO.....254083-001
BY KAHLE D A — DDC NUMBER.....AD656805
INSTR...F19628-67-C-0101
PROJECT/TASK.....8623/01

AFCRL 67-0421
SOUTHWEST CENTER FOR ADVANCED STUDIES
MONTE CARLO CALCULATIONS OF LIGHT SCATTERING FROM CLOUDS
SCIENTIFIC REPORT NO 2 MAY 1967
OAR ACCESS NO.....253080-002
BY PLASS G N L — DDC NUMBER.....AD657363
KATTAWAR G W — INSTR...AF-19(628)05039
PROJECT/TASK.....4076/04

AFCRL 67-0423
UNIVERSITY OF MINNESOTA
AFTERGLOW STUDIES IN NITROGEN
SCIENTIFIC REPORT NO 1 JULY 1967
OAR ACCESS NO.....251090-001
BY LUND R E — DDC NUMBER.....AD657358
OSKAM H J — INSTR...AF-19(628)04794
PROJECT/TASK.....4642/03

AFCRL 67-0424
BOSTON COLLEGE
ASPECT OF A ROCKET FROM MAGNETOMETER DATA FINAL REPORT
JUNE 1967
OAR ACCESS NO.....271472-002
BY MARCIU R J — DDC NUMBER.....AD664911
SULLIVAN D P — INSTR...AF-19(628)04178
PROJECT/TASK.....5710/00

AFCRL 67-0425
PENNSYLVANIA STATE UNIVERSITY
IONOSPHERIC RESEARCH FINAL REPORT JUNE 1967
OAR ACCESS NO.....264392-005
BY SELIGA T A — DDC NUMBER.....AD658040
INSTR...AF-19(628)04050
PROJECT/TASK.....7663/03

AFCRL 67-0426
MARTIN MARIETTA CORPORATION
GEOPHYSICAL CONSTANT DETERMINATION FROM SATELLITE
OBSERVATIONS FINAL REPORT JUNE 1967
OAR ACCESS NO.....752270-003
BY MINKA K — DDC NUMBER.....AD657361
CLEMENZ H E — INSTR...AF-19(628)04167
FEIN J

AFCRL 67-0427
GENERAL ELECTRIC COMPANY
NEW SOLID-STATE DEVICE CONCEPTS
S-67-1105 SCIENTIFIC REPORT NO 8 JUNE 1967
OAR ACCESS NO.....264082-007
BY AVEN M — DDC NUMBER.....AD657023
HALL R N — INSTR...AF-19(628)04976
GARWACKI W — PROJECT/TASK.....4608/05
RICHARDSON J R

AFCRL 67-0428
SOUTHWEST CENTER FOR ADVANCED STUDIES
INFLUENCE OF PARTICLE SIZE DISTRIBUTION ON REFLECTED AND
TRANSMITTED LIGHT FROM CLOUDS
SCIENTIFIC REPORT NO 5 AUG 1967
OAR ACCESS NO.....253080-007
BY KATTAWAR G W — DDC NUMBER.....AD660604
PLASS G N — INSTR...AF-19(628)05039
PROJECT/TASK.....4076/04

AFCRL 67-0429
MICHIGAN STATE UNIVERSITY
MODIFICATION OF BACKSCATTERING OF A LOOP BY
IMPEDANCE LOADING
SCIENTIFIC REPORT NO 3 MAY 1967
OAR ACCESS NO.....258330-003
BY LIN J L — DDC NUMBER.....AD657799
CHEN K M — INSTR...AF-19(628)05712
PROJECT/TASK.....5635/02

AFCRL 67-0430
AIR FORCE CAMBRIDGE RESEARCH LABS
SINGLE TEE AND PI TWO-PORTS RESISTIVELY TERMINATED AND
HAVING A PRESCRIBED DRIVING-POINT IMMITTANCE
PSRP NO 333 JULY 1967
OAR ACCESS NO.....256230-008
BY HAASE K M — DDC NUMBER.....AD661560
INSTR...AFCRL-5628-06-01
PROJECT/TASK.....5628/06

AFCRL 67-0431
NORTHEASTERN UNIVERSITY
STUDIES OF AIRGLOW AND AURORA PHENOMENA USING
INSTRUMENTATION TECHNIQUES FINAL REPORT MAR 1967
OAR ACCESS NO.....272461-005
BY NARDONE L J — DDC NUMBER.....AD658466
INSTR...AF-19(628)03876
PROJECT/TASK.....7661/02

AFCRL 67-0432
NEW YORK UNIVERSITY
STATISTICAL DESCRIPTION OF A CLASS OF NONGAUSSIAN CHANNELS USING EXPANSIONS BASED ON THE LOGNORMAL DISTRIBUTION
TECHNICAL REPORT 600 162 SEVENTH SCIENTIFIC REPORT JUNE 1967

BY KLOSE D R
KURZ L

OAR ACCESS NO.....269532-006
DDC NUMBER.....AD680807
INSTR...AF-19(628)-04321
PROJECT/TASK.....4610/03

AFCRL 67-0433
UNIVERSITY OF DAYTON
REPORT ON HIGH ALTITUDE ROBIN FLIGHTS OCTOBER 1966
UDRI-TR-67-132 SCIENTIFIC REPORT NO 1 MAY 1967

BY ENGLER N A

OAR ACCESS NO.....269801-001
DDC NUMBER.....AD657810
INSTR...AF-19(628)-04796
PROJECT/TASK.....6682/04

AFCRL 67-0434
SYSTEM DEVELOPMENT CORPORATION
THE EQUIVALENCE OF CONTEXT LIMITED GRAMMARS TO CONTEXT FREE GRAMMARS
SCIENTIFIC REPORT NO 4 JAN 1967

BY HIBBARD T N

OAR ACCESS NO.....259400-006
DDC NUMBER.....AD657317
INSTR...F1962P-67-C-0008
PROJECT/TASK.....5632/05

AFCRL 67-0435
AIR FORCE CAMBRIDGE RESEARCH LABS
CLEAR LINES-OF-SIGHT FROM AIRCRAFT
AUGUST 1967 AFSG NO 196

BY BERTONI E A

OAR ACCESS NO.....259750-012
DDC NUMBER.....AD657801
INSTR...AFCRL-8624-01-01
PROJECT/TASK.....8624/01

AFCRL 67-0436
AIR FORCE CAMBRIDGE RESEARCH LABS
THE CONVERSION OF CUBIC TO HEXAGONAL SILICON CARBIDE AS A FUNCTION OF TEMPERATURE AND PRESSURE
PSRP NO 336 AUG 1967

BY RYAN C E
MARSHALL R C
MAWLEY J J
BERMAN I
CONSEDINE D P

OAR ACCESS NO.....256130-003
DDC NUMBER.....AD661563
INSTR...AFCRL-5620-01-01
PROJECT/TASK.....5620/06

AFCRL 67-0437
PENNSYLVANIA STATE UNIVERSITY
RESEARCH IN THE FIELD OF HIGH RESOLUTION INFRARED SPECTROSCOPY FINAL REPORT JAN 1967

BY MCCUBBIN T K JR

OAR ACCESS NO.....251250-001
DDC NUMBER.....AD659042
INSTR...AF-19(628)03846
PROJECT/TASK.....8603/01

AFCRL 67-0438
THE CATHOLIC UNIVERSITY OF AMERICA
A STUDY OF LINE SHAPE FOR CO INFRARED EMISSION LINES
FINAL REPORT JUNE 1967

BY BENEDICT W S
QUINN J W
DOWLING J A
SILVERMAN S

OAR ACCESS NO.....264281-001
DDC NUMBER.....AD658779
INSTR...AF-19(628)03870
PROJECT/TASK.....8603/03

AFCRL 67-0439
MARTIN MARIETTA CORPORATION
OBSERVATION SYSTEM BIAS ESTIMATION FROM SATELLITE OBSERVATIONS FINAL REPORT AUG 1967

BY MINKA K
FEIN J
CLEMENZ H E

OAR ACCESS NO.....752270-004
DDC NUMBER.....AD657811
INSTR...AF-19(628)04107
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AFCRL 67-0440
STATE UNIVERSITY OF NEW YORK
ELECTROMAGNETIC RADIATION FROM QUASI-PERIODIC STRUCTURES
FINAL REPORT JULY 1967

BY KIEBURTZ R B

OAR ACCESS NO.....250240-004
INSTR...AF-19(628)04144
PROJECT/TASK.....4600/04

AFCRL 67-0441
UNIVERSITY OF CALOS
WAVE PROPAGATION ALONG PERIODIC STRUCTURES AND PLASMA SLABS
FINAL REPORT MAY 1967
RESEARCH REPORT NO EE/CR/67/05

BY KING J S L
CLARRICOATS P J B

OAR ACCESS NO.....252310-001
DDC NUMBER.....AD659787
INSTR...AF-61(052)-907
PROJECT/TASK.....4600/18

AFCRL 67-0442
UNIVERSITY OF GOTTINGEN
INVESTIGATIONS ON THE ROLE OF ELECTRON CARRIERS IN PHOTOSYNTHESIS IN CELL-FREE SYSTEMS FINAL REPORT MAY 1967

BY TREBST A

OAR ACCESS NO.....251620-003
DDC NUMBER.....AD657039
INSTR...AF-61(052)-00716
PROJECT/TASK.....8659/03

AFCRL 67-0443
QUEENS UNIVERSITY
DOPPLER PROFILES OF THE 5577 A AIRGLOW REPRINTED FROM PLANET SPACE SCI 1966 PP 1331 TO 1337 REPORT NO 19

BY HAYS P B
WALKER J C G

OAR ACCESS NO.....273410-021
DDC NUMBER.....AD657266
INSTR...AF-61(052)-00780
PROJECT/TASK.....9627/06

AFCRL 67-0444
GCA CORPORATION
STANDARD ATMOSPHERIC SUPPLEMENTS 1966 FINAL REPORT JULY 1967

BY MINZNER R A

OAR ACCESS NO.....755110-004
DDC NUMBER.....AD659160
INSTR...AF-19(628)-06085
PROJECT/TASK.....5710/00

AFCRL 67-0445
AIR FORCE CAMBRIDGE RESEARCH LABS
A STUDY OF SOME FACTORS WHICH INFLUENCE THE GROWTH OF CUPROUS CHLORIDE IN SILICA GEL
PSRP NO 334 JULY 1967

BY ARMINGTON A F
DIMITRIC M A
O CONNOR J J

OAR ACCESS NO.....256120-009
INSTR...AFCRL-5620-05-01
PROJECT/TASK.....5620/05

AFCRL 67-0446
AIR FORCE CAMBRIDGE RESEARCH LABS
ELECTRODE PHENOMENA IN A HIGH CURRENT 20 NANOSECOND SPARK
PSRP NO 335 JULY 1967

BY FISCHER H
GALLAGHER C C

OAR ACCESS NO.....254370-008
DDC NUMBER.....AD658825
INSTR...AFCRL-563A-01-01
PROJECT/TASK.....5634/01

AFCRL 67-0447
BOSTON COLLEGE
EVALUATION OF SEISMIC INSTRUMENTS AND BASIC RESEARCH ON SEISMIC WAVE PROPAGATION
ANNUAL REPORT NO 1 JUNE 1967

BY BLANEY J T
DEVANE J F

OAR ACCESS NO.....253091-001
DDC NUMBER.....AD658206
INSTR...AF-19(628)06067
PROJECT/TASK.....8652/07

AFCRL 67-0448
UNIVERSITY OF DENVER
INFRARED RADIANCE OF SELECTED TERRAIN FEATURES AS VIEWED FROM HIGH ALTITUDE
SCIENTIFIC REPORT NO 1 JULY 1967

BY MURCRAY D G
MURCRAY R H
WILLIAMS W J

OAR ACCESS NO.....252620-001
DDC NUMBER.....AD658866
INSTR...AF-19(628)04747
PROJECT/TASK.....8602/02

AFCRL 67-0449
COLUMBIA UNIVERSITY
OPERATION OF A LONG PERIOD SEISMOGRAPH NETWORK UTILIZING MAGNETIC TAPE RECORDING AND ANALYSIS OF DATA RECORDED ON MAGNETIC TAPE FINAL REPORT JULY 1967

BY POMEROY P W

OAR ACCESS NO.....251681-002
DDC NUMBER.....AD657320
INSTR...AF-19(628)05058
PROJECT.....8652

AFCRL 67-0450
SOUTHWEST CENTER FOR ADVANCED STUDIES
INFLUENCE OF SINGLE SCATTERING ALBEDO ON REFLECTED AND TRANSMITTED LIGHT FROM CLOUDS
SCIENTIFIC REPORT NO 4 JULY 1967

BY PLASS G N
KATTAWAR G W

OAR ACCESS NO.....253050-004
DDC NUMBER.....AD658830
INSTR...AF-19(628)05039
PROJECT/TASK.....4076/04

AFCRL 67-0451
RADIO CORPORATION OF AMERICA
TRACE ANALYSIS OF SOLIDS BY MASS SPECTROMETRY FINAL REPORT JULY 1967

BY HONIG R E

OAR ACCESS NO.....26HGP1-002
DDC NUMBER.....AD657334
INSTR...AF-19(628)05106
PROJECT/TASK.....4608/02

AFCRL 67-0452
THE ELECTRO-MECHANICS COMPANY
GEOMAGNETIC OBSERVATIONS OF 1962 HIGH ALTITUDE NUCLEAR TESTS /U/ FINAL REPORT MAR 1967
DAH ACCESS NO.....781301-002
BY WATKINS N L — DDC NUMBER.....AD384682L
CARRELL J C — INSTR...AF-19/628/02815
MORRIS F J — PROJECT/TASK.....8601/02

AFCRL 67-0453
AIR FORCE CAMBRIDGE RESEARCH LABS
A NOTE ON ASYNCHRONOUS QUENCHING
PSRP NO 337 AUG 1967
DAH ACCESS NO.....254200-004
BY DEVAN E P — DDC NUMBER.....AD662581
INSTR...AFCRL-6629-02-01
PROJECT/TASK.....4628/02

AFCRL 67-0454
AIR FORCE CAMBRIDGE RESEARCH LABS
THE EFFECT OF A FOREGROUND RIDGE ON THE GAIN AND PATTERN OF AN ANTENNA
PSRP NO 338 AUG 1967
DAH ACCESS NO.....257520-007
BY SCHELL A C — DDC NUMBER.....AD660807
STROM J A — INSTR...AFCRL-6600-10-01
PROJECT/TASK.....4600/10

AFCRL 67-0455
UNIVERSITY OF CALIFORNIA
A STUDY OF FUNDAMENTAL FACTORS PERTINENT TO MICROBIOLOGICAL WASTE CONVERSION IN CONTROL OF ISOLATED ENVIRONMENTS FINAL REPORT SEPT 1966
DAH ACCESS NO.....251610-002
BY SHELEF G — DDC NUMBER.....AD664921
GOLUEKE C G — INSTR...AF-19/628/02462
OSWALD W J — PROJECT/TASK.....8659/03
GEE H K

AFCRL 67-0456
CORNELL AERONAUTICAL LABORATORY INC
STUDY OF ANTENNA VOLTAGE BREAKDOWN IN A SHOCK TUNNEL /U/ UB-2394-F-2 QUARTERLY TECHNICAL REPORT NO 2 JULY 1967
DAH ACCESS NO.....266622-002
BY ANDRE S N — INSTR...F19628-67-C-0169
PROJECT.....8671

AFCRL 67-0457
HONEYWELL INC
LOW FREQUENCY ELECTRIC FIELD CHARACTERISTICS OF CLEAR AIR TURBULENCE FINAL REPORT JULY 1967
DAH ACCESS NO.....252121-001
BY TENBRUCK H W — DDC NUMBER.....AD658875
SEASHORE C H — INSTR...AF-19/628/05983
PROJECT/TASK.....6020/03

AFCRL 67-0458
BOLT BERANEK AND NEWMAN INC
THE BBN 940 LISP SYSTEM
SCIENTIFIC REPORT NO 9 JUL 1967 BBN REPORT NO 1539
DAH ACCESS NO.....251680-009
BY BOBROW D G — DDC NUMBER.....AD656771
DARLEY D L — INSTR...AF-19/628/05065
DEUTSCH L P — PROJECT/TASK.....8668/00
MURPHY D L
TEITELMAN W

AFCRL 67-0459
PARKE MATHEMATICAL LABORATORIES INC
THEORETICAL ANALYSIS OF A SECONDARY EMISSION EXPERIMENT ON INSULATORS
SCIENTIFIC REPORT NO 7 JULY 1967
DAH ACCESS NO.....250610-003
BY SHERMAN C H — DDC NUMBER.....AD658831
GORDON N E — INSTR...AF-19/628/02419
PROJECT/TASK.....5620/02

AFCRL 67-0460
UNIVERSITY OF NEW HAMPSHIRE
BAROMETRIC COEFFICIENT FOR COSMIC-RAY NEUTRON MONITORS
SCIENTIFIC REPORT NO 5 AUG 1967
DAH ACCESS NO.....263621-002
BY LOCKWOOD J A — DDC NUMBER.....AD664415
KAPLAN J — INSTR...AF-19/628/02352
PROJECT/TASK.....8600/07

AFCRL 67-0461
AIR FORCE CAMBRIDGE RESEARCH LABS
A ROCKET MEASUREMENT OF LOW ENERGY PROTONS
ERP NO 271 AUG 1967
DAH ACCESS NO.....255300-005
BY KUCK G A — DDC NUMBER.....AD661562
INSTR...AFCRL-8600-06-01
PROJECT/TASK.....8600/06

AFCRL 67-0462
ROCKFORD RESEARCH INSTITUTE
INDUCTIVE INFERENCE RESEARCH STATUS SPRING 1967 FINAL REPORT JULY 1967
DAH ACCESS NO.....258010-001
BY SOLOMONOFF R J — DDC NUMBER.....AD667810
INSTR...AF-19/628/05975
PROJECT/TASK.....8632/08

AFCRL 67-0463
STANFORD RESEARCH INSTITUTE
PROPERTIES OF CELLULAR ARRAYS FOR LOGIC AND STORAGE
SRI PROJECT NO 5876 SCIENTIFIC REPORT NO 3 JULY 1967
DAH ACCESS NO.....251931-003
BY ELSPAS B — DDC NUMBER.....AD658832
KAUTZ W H — INSTR...AF-19/628/05828
GILDENBERG J — PROJECT/TASK.....4641/01
STONE H S
JACKSON C L

AFCRL 67-0464
SOUTHEAST CENTER FOR ADVANCED STUDIES
RADIATION FROM NONISOTHERMAL GASES
SCIENTIFIC REPORT NO 3 JUNE 1967
DAH ACCESS NO.....283050-003
BY PLASS G N — DDC NUMBER.....AD657800
INSTR...AF-19/628/05019
PROJECT/TASK.....8076/04

AFCRL 67-0465
INTERNATIONAL BUSINESS MACHINES CORPORATION
PROGRAM SOLUTIONS TO SPACE SCIENCE PROBLEMS
SCIENTIFIC REPORT NO 1 AUG 1967
DAH ACCESS NO.....750081-001
BY COURY L — DDC NUMBER.....AD657333
KIM K S — INSTR...AF-19/628/06068

AFCRL 67-0466
PENNSYLVANIA STATE UNIVERSITY
A SUMMARIZATION OF TECHNICAL AND SCIENTIFIC REPORTS ISSUED BY THE IONOSPHERE RESEARCH LABORATORY - PAPERS PRESENTED AND PUBLISHED - SUBSEQUENT TO SCIENTIFIC REPORT NO 200
SCIENTIFIC REPORT NO 300 JUNE 1967
DAH ACCESS NO.....207711-018
BY WAYNICK A H — DDC NUMBER.....AD658006
INSTR...AF-19/628/04014
PROJECT/TASK.....8605/02

AFCRL 67-0467
HAIG KAFAFIAN ASSOCIATES
A STUDY OF DISCRETE PROPAGATION-BASED MODELS FOR PICTORIAL PATTERN ANALYSIS FINAL REPORT JUNE 1967
DAH ACCESS NO.....258660-001
BY ROSENFELD A — DDC NUMBER.....AD659158
PFALTZ J L — INSTR...AF-19/628/05949
KAFAFIAN H — PROJECT/TASK.....4645/03

AFCRL 67-0468
AIR FORCE CAMBRIDGE RESEARCH LABS
ON THE ACCURACY OF CERTAIN APPROXIMATIONS FOR THE CHAPMAN FUNCTION
ERP NO 272 AUG 1967
DAH ACCESS NO.....255530-004
BY SWIDEN W — DDC NUMBER.....AD658826
GARDNER M F — INSTR...AFCRL-8605-09-01
PROJECT/TASK.....8605/09

AFCRL 67-0470
UNIVERSITY OF UTAH
OMNIDIRECTIONAL ELECTROMAGNETIC ACCELEROMETER
UU-A7-4 SCIENTIFIC REPORT NO 3 JULY 1967
DAH ACCESS NO.....272331-003
BY TEMPLETON F E — DDC NUMBER.....AD664978
GEHRLICH D K — INSTR...AF-19/628/04055
PROJECT/TASK.....6690/01

AFCRL 67-0471
ATMOSPHERIC RESEARCH & DEVELOPMENT CORP
THUNDERSTORM PENETRATIONS OF THE TROPOPAUSE A CLIMATOLOGY AND A METHOD OF ESTIMATION FINAL REPORT AUG 1967
DAH ACCESS NO.....269631-002
BY LONG M J — DDC NUMBER.....AD661598
INSTR...AF-19/628/05189
PROJECT/TASK.....8624/01

AFCRL 67-0472
NEW YORK UNIVERSITY
ANALYSIS AND SYNTHESIS OF NETWORKS USING RESONATORS COMPATIBLE WITH INTEGRATED ELECTRONICS
TECHNICAL REPORT 400-101 SEVENTH SCIENTIFIC REPORT JUNE 1967
DAH ACCESS NO.....250911-007
BY ONEILL J F — DDC NUMBER.....AD661269
INSTR...AF-19/628/05937
PROJECT/TASK.....5628/06

AFCRL 67-0473
GENERAL ELECTRIC COMPANY
STUDY TO OBTAIN DESIGN DATA FOR REENTRY ECM ANTENNA SYSTEMS
GE REPORT R67SD32 JUNE 1967 FIRST QUARTERLY TECHNICAL REPORT VOL I OF 2

BY HESLING P F
JORDAN A K
MCMENAMIN D L
SANCHUK W
SCHEHER P N

DAN ACCESS NO.....256020-001
DOC NUMBER.....AD820329
INSTR...F19628-67-C-0210
PROJECT.....4671

AFCRL 67-0474
GENERAL ELECTRIC COMPANY
STUDY TO OBTAIN DESIGN DATA FOR REENTRY ECM ANTENNA SYSTEMS (U)
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BY GESKING P F
KINKEAD W K
SCHENEL P N

DAN ACCESS NO.....256020-002
DOC NUMBER.....AD818996
INSTR...F19628-67-C-0210
PROJECT.....4671

AFCRL 67-0475
AIR FORCE CAMBRIDGE RESEARCH LABS
SHEAR STRENGTH OF TWELVE GROSSLY DEFORMED METALS AT HIGH PRESSURES AND TEMPERATURES
ERP NO 273 AUG 1967

BY RIECKEN M E
TOWLE L C
MOOREY T P

DAN ACCESS NO.....250040-008
DOC NUMBER.....AD682347
INSTR...AFCRL-67-0519-05-01
PROJECT/TASK.....7639/05

AFCRL 67-0476
AIR FORCE CAMBRIDGE RESEARCH LABS
(U) RADAR SIGNATURE ANALYSIS BASED ON MEASURED DIFFERENTIAL PHASE SHIFTS OF TARGET SCATTERING AT TWO HARMONIC FREQUENCIES
PSRP NO 339 AUG 1967

BY GOGGINS W B JR
BLACKSMITH P
SLETTEN C J

DAN ACCESS NO.....254210-003
DOC NUMBER.....AD345023L
STR...AFCRL-5633-05-01
SUBJECT/TASK.....6635/05

AFCRL 67-0477
UNIVERSITY OF NEW HAMPSHIRE
DIFFERENTIAL RESPONSE AND SPECIFIC YIELD FUNCTIONS OF COSMIC-RAY NEUTRON MONITORS
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BY LOCKWOOD J A
WEBBER W R

DAN ACCESS NO.....261421-003
DOC NUMBER.....AD648416
INSTR...AF-19628/02352
PROJECT/TASK.....6630/07

AFCRL 67-0478
UNIVERSITE DE LIEGE
THE SOLAR SPECTRUM IN THE 5577 AND 6300 A REGIONS
PLANET SPACE SCI 1967 VOL 15 NO 3 PP 545-549 MAY 1967

BY ROLAND G
DELBOUILLE L

DAN ACCESS NO.....273402-002
DOC NUMBER.....AD657511
INSTR...AF-61/052/00955
PROJECT/TASK.....8603/02

AFCRL 67-0479
UNIVERSITE DE LIEGE
NITROGEN LINES IN THE INFRARED FRAUNHOFER SPECTRUM
SCIENTIFIC REPORT NO 1 1966

BY SWENSSON J W

DAN ACCESS NO.....273401-006
DOC NUMBER.....AD657607
INSTR...AF-61/052/00005
PROJECT/TASK.....8603/02

AFCRL 67-0480
UNIVERSITE DE LIEGE
A NEW DETERMINATION OF THE C12/C13 ISOTOPIC ABUNDANCE RATIO IN THE SOLAR PHOTOSPHERE
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BY HERZBERG L
DELHOUILLE L
ROLAND G

DAN ACCESS NO.....273401-007
INSTR...AF-61/052/00005
PROJECT/TASK.....8603/02

AFCRL 67-0482
PROVIDENCE COLLEGE
RESEARCH DIRECTED TOWARDS THE STUDY OF FAR INFRARED ABSORPTION CONTOURS FINAL REPORT JULY 1967

BY GORA E K

DAN ACCESS NO.....261481-001
DOC NUMBER.....AD660610
INSTR...AF-19628/00052
PROJECT/TASK.....8603/33

AFCRL 67-0483
JOHN MORRISSEY ASSOCIATES INC
COMPUTER COMPILER ORGANIZATION STUDIES FINAL REPORT MAY 1967

BY HARDIERI R
MORRISSEY J

DAN ACCESS NO.....256670-001
DOC NUMBER.....AD658196
INSTR...AF-19628/05918
PROJECT/TASK.....4641/02

AFCRL 67-0484
LOCKHEED AIRCRAFT CORP
STUDY OF MODULAR SYNTHESIS OF SEQUENTIAL MACHINES FINAL REPORT AUG 1967

BY NICHOLS A J III

DAN ACCESS NO.....258600-001
DOC NUMBER.....AD658867
INSTR...AF-19628/05875
PROJECT/TASK.....4641/04

AFCRL 67-0485
BOLT BERANEK AND NEWMAN INC
NATURAL COMMUNICATION WITH COMPUTERS FINAL REPORT AUG 1967

BY BROWN D G

DAN ACCESS NO.....251880-011
DOC NUMBER.....AD658829
INSTR...AF-19628/05065
PROJECT/TASK.....8669/00

AFCRL 67-0486
CONDUCTRON CORP
CALCULATION OF ELECTROMAGNETIC FIELDS IN THE FOCAL REGIONS OF A PARABOLOID RECEIVING OFF AXIS FINAL REPORT AUG 1967

BY KAY I W

DAN ACCESS NO.....258391-001
DOC NUMBER.....AD663743
INSTR...F19628-67-C-0219
PROJECT/TASK.....4600/10

AFCRL 67-0487
UNIVERSITY OF FLORIDA
STUDIES OF OPTICAL MATERIALS FINAL REPORT AUG 1967

BY DALLAND S S

DAN ACCESS NO.....269620-001
DOC NUMBER.....AD663676
INSTR...AF-19628/02809
PROJECT/TASK.....7670/05

AFCRL 67-0488
NEW YORK UNIVERSITY
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BY ALEXANDER M

DAN ACCESS NO.....251040-002
DOC NUMBER.....AD665861
INSTR...AF-19628/04990
PROJECT/TASK.....6665/01

AFCRL 67-0489
SYRACUSE UNIV RESEARCH INSTITUTE
GAIN OPTIMIZATION FOR ARBITRARY ANTENNA ARRAYS SUBJECT TO RANDOM FLUCTUATIONS
IEEE TRANS ON ANTENNAS & PROPAGATION VOL AP-15 PP 356-366 MAY 1967

BY TSENG F I
CHENG D K

DAN ACCESS NO.....258110-003
DOC NUMBER.....AD658761
INSTR...AF-19628/05668
PROJECT/TASK.....8663/03

AFCRL 67-0490
MICHIGAN STATE UNIVERSITY
REDUCTION OF BACKSCATTERING FROM THE INFINITE CONE AND THE SPHERE BY IMPEDANCE LOADING
SCIENTIFIC REPORT NO 4 JULY 1967

BY DUDLEY C K
CHEN K M

DAN ACCESS NO.....258330-004
DOC NUMBER.....AD661528
INSTR...AF-19628/05732
PROJECT/TASK.....5635/02

AFCRL 67-0492
OSSERVATORIO GEOFISICO SPERIMENTALE
PRELIMINARY DEPTH CONTOUR MAPS FOR THE CONRAD AND MOHO DISCONTINUITIES IN EUROPE
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BY MORELLI G
HELLEMO S
FINETTI I
DEVISINTINI G

DAN ACCESS NO.....253270-001
DOC NUMBER.....AD659257
INSTR...AF-61/052/00786
PROJECT/TASK.....8652/04

AFCRL 67-0493
UNIVERSITA DEGLI STUDI DI MILAN
A COUNTER FOR THE MEASUREMENT OF THE ATMOSPHERIC AND EARTH LEAKAGE FLUX OF SECONDARY COSMIC RAY NEUTRONS
SCIENTIFIC REPORT NO 6 MAY 1967

BY HALLEMINI R
MORELLA G
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INZANI P
SCARSI L

DAN ACCESS NO.....251130-002
DOC NUMBER.....AD659375
INSTR...AF-61/052/00808
PROJECT/TASK.....8600/03

AFCRL 67-0494
INNSBRUCK UNIVERSITY
DETERMINATION OF THE MEAN VALUES OF CONDUCTIVITY AND DIELECTRIC CONSTANT FROM THE FIELD STRUCTURE OF A MAGNETIC DIPOLE
SCIENTIFIC REPORT NO 6 JUNE 1967

BY DITTRICH W

DAN ACCESS NO.....298301-008
DDC NUMBER.....AD660944
INSTR...AF-61(052)-952
PROJECT/TASK.....4600/10

AFCRL 67-0495
SYSTEM DEVELOPMENT CORPORATION
INDEPENDENCE OF AFL OPERATIONS
TM-PJA/036/00 SCIENTIFIC REPORT NO 2 JULY 1967

BY GREIDACH S
HOOCROFT J

DAN ACCESS NO.....299800-007
DDC NUMBER.....AD662607
INSTR...F19628-67-C-0008
PROJECT/TASK.....5632/05

AFCRL 67-0496
UTAH STATE UNIVERSITY
NON-EQUILIBRIUM SOLUTIONS FOR THE RADIATIVE DECAY OF A SYSTEM OF OSCILLATORS HARMONIC AND ANHARMONIC
SCIENTIFIC REPORT NO 2 AUG 1967

BY ZITLAU C F
MOORE R W

DAN ACCESS NO.....253361-002
DDC NUMBER.....AD660938
INSTR...AF-19(628)-5918
PROJECT/TASK.....4650/01

AFCRL 67-0497
YALE UNIVERSITY
NEGATIVE CYCLOTRON RESONANCE ABSORPTION FINAL REPORT AUG 1967

BY WACHTEL J M

DAN ACCESS NO.....253371-001
DDC NUMBER.....AD665988
INSTR...AF-19(628)-5104
PROJECT/TASK.....4645/02

AFCRL 67-0498
AIR FORCE CAMBRIDGE RESEARCH LABS
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BY NADILE R M
LOVETT J J
MARCOTTE L C

DAN ACCESS NO.....256390-012
DDC NUMBER.....AD343954
INSTR...AFCRL-66Z-01-01
PROJECT/TASK.....8662/00

AFCRL 67-0499
BOLT BERANEK AND NEWMAN INC
THE EFFECTS OF TASK-INDUCED STRESS ON SPEECH FINAL REPORT AUG 1967

BY BECKER W M
STEVENS K N
VON HISMANCK G
WILLIAMS C E

DAN ACCESS NO.....258980-001
DDC NUMBER.....AD660595
INSTR...AF-19(628)-6092
PROJECT/TASK.....5628/02

AFCRL 67-0500
HUGHES RESEARCH LABORATORIES
RESEARCH DIRECTED TOWARD THE STUDY OF IONIC AND NEUTRAL SPECIES IN THERMAL PLASMAS FINAL REPORT SEPT 1967

BY HEIL M
SCOTT H W
HOLLWEG J V

DAN ACCESS NO.....267351-005
DDC NUMBER.....AD662636
INSTR...AF-19(628)-4297
PROJECT/TASK.....8659/02

AFCRL 67-0501
AIR FORCE CAMBRIDGE RESEARCH LABS
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PSRP NO 380 SEPT 1967

BY HOLT F S

DAN ACCESS NO.....258420-001
DDC NUMBER.....AD661561
INSTR...AFCRL-5635-02-01
PROJECT/TASK.....5635/02

AFCRL 67-0502
NEW YORK UNIVERSITY
GASKETING MEDIA AT ULTRA-HIGH PRESSURE
SCIENTIFIC REPORT NO 1 MAY 1967

BY PRINCE M
OKAMOTO Y

DAN ACCESS NO.....253811-001
DDC NUMBER.....AD665859
INSTR...AF-19(628)-5990
PROJECT/TASK.....5621/04

AFCRL 67-0503
IONOSPHAREN-INSTITUT BREISACH
STATISTICAL INVESTIGATION OF IONOSPHERIC DRIFT FINAL REPORT MAY 1967

BY HARNISCHMACHER F
HABER

DAN ACCESS NO.....250500-036
DDC NUMBER.....AD623443
INSTR...AF-61(052)-00677
PROJECT/TASK.....7603/01

AFCRL 67-0504
OBSERVATOIRE DE PARIS
FINDINGS ON PLANETARY SURFACES [illegible] FROM A STUDY OF THE PHOTOGRAPHIC COLLECTION [illegible] AT THE PLANETARY DATA CENTER AT MEUDON FINAL REPORT [illegible] 1967

BY DOLLFUS A
DOUFFET E
CAMICHEL H
FOCAS J
HAMEEN-ANTTILA K A

DAN ACCESS NO.....252870-001
DDC NUMBER.....AD662698
INSTR...AF-61(052)-00873
PROJECT/TASK.....8402/01

AFCRL 67-0505
UNIVERSITY OF UTAH
TRANSMISSION LINE PARAMETER MEASUREMENTS - STANDING WAVE IMPEDANCE PROBE
UU-67-5 SCIENTIFIC REPORT NO 4 AUG 1967

BY HYATT J S

DAN ACCESS NO.....249531-009
DDC NUMBER.....AD668037
INSTR...AF-19(628)-5030
PROJECT/TASK.....5601/01

AFCRL 67-0506
OHIO STATE UNIVERSITY
SUCCESSIVE APPROXIMATION OF SOLUTIONS OF [illegible] INTEGRAL EQUATION
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BY KOCH A R

DAN ACCESS NO.....272252-004
DDC NUMBER.....AD665638
INSTR...AF-19(628)-5781
PROJECT/TASK.....5635/02

AFCRL 67-0507
UNIVERSITY OF ROME
SOLUTION OF THE DISCONTINUITY PROBLEM RELATED TO AN H-PLANE RECTANGULAR WAVEGUIDE AND THE SAME GUIDE COMPLETELY FILLED WITH TRANSVERSELY MAGNETISED FERRITE
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BY GERUSA G

DAN ACCESS NO.....260811-002
DDC NUMBER.....AD672980
INSTR...AF-61(052)-00807
PROJECT/TASK.....8662/01

AFCRL 67-0508
OLSO UNIVERSITY
RESEARCHES IN THE FIELD OF SOLAR RADIO NOISE AT 60 MC AT OPTICAL SUNSPOT PHENOMENA FINAL REPORT APR 1967

BY JENSEN E

DAN ACCESS NO.....253761-014
DDC NUMBER.....AD670982
INSTR...AF-61(052)-00744
PROJECT/TASK.....7600/04

AFCRL 67-0509
TYCO LABORATORIES INC
INVESTIGATION OF THE GROWTH OF SINGLE CRYSTAL SILICON CARBIDE BY THE TRAVELLING SOLVENT AND OTHER TECHNIQUES
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BY DAS B N
LAMPORT C B
KLAVSKY A E
TRICKETT E A
WOLFF G A

DAN ACCESS NO.....253781-003
DDC NUMBER.....AD675666
INSTR...1967-[illegible]-E-0146
PROJECT/TASK.....4689/02

AFCRL 67-0510
TMG INC
SPONTANEOUS EMISSION IN THE PRESENCE OF A PRESCRIBED CLASSICAL FIELD
SCIENTIFIC REPORT NO 1 TMG-057-1 AUG 1967

BY NEWSTEIN M C

DAN ACCESS NO.....257319-303
DDC NUMBER.....AD670594
INSTR...AF-19(628)-5011
PROJECT/TASK.....4695/07

AFCRL 67-0511
TMG INC
QUANTUM THEORY OF LASER OSCILLATION I
SCIENTIFIC REPORT NO 2 TMG-057-2 AUG 1967

BY DAHONE S R

DAN ACCESS NO.....257319-304
DDC NUMBER.....AD670598
INSTR...AF-19(628)-5011
PROJECT/TASK.....4695/07

AFCRL 67-0512
NORTHEASTERN UNIVERSITY
RESEARCH IN ENERGY CONVERSION FINAL REPORT SEPT 1967

BY NOWAK W B
WEISS R
WIENER R A

DAN ACCESS NO.....249001-004
DDC NUMBER.....AD669864
INSTR...AF-19(628)-5030
PROJECT/TASK.....4658/01

AFCRL 67-0513
MOLECULAR RESEARCH CORP
CORROSION BY CHLOROSULFONIC ACID FINAL REPORT [illegible] 1967

BY SALMON W A
SWITZER C E

DAN ACCESS NO.....253720-501
DDC NUMBER.....AD674050
INSTR...[illegible]-E-0122
PROJECT/TASK.....8662/05

AFCRL 67-0514
HOLT BERANEK AND NEWMAN INC
DESIGN AND IMPLEMENTATION OF FLIP A LISP FORMAT DIRECTED LIST PROCESSOR
BBN REPORT NO 1495 SCIENTIFIC REPORT NO 10 JULY 1967
BY TEITELMAN W
OAR ACCESS NO.....251640-010
DDC NUMBER.....AD660948
INSTR...AF-19(628)5069
PROJECT/TASK.....8668/00

AFCRL 67-0515
NORTHROP CORPORATE LABORATORIES
TRANSIENT CONDUCTIVITY IN ORGANIC INSULATORS FINAL REPORT SEPT 1967
BY WINSLOW J W
OAR ACCESS NO.....273212-001
DDC NUMBER.....AD660870
INSTR...AF-19(628)6047
PROJECT/TASK.....4604/01

AFCRL 67-0516
AIR FORCE CAMBRIDGE RESEARCH LABS
THE DESIGN OF A PDPC COMPLEX BUILDING BLOCK FOR DIGITAL SYSTEMS
PSRP NO 341 SEPT 1967
BY KING W F III
GIUSTI A
OAR ACCESS NO.....257000-005
DDC NUMBER.....AD660808
INSTR...AFCRL-66-01-01
PROJECT/TASK.....4641/04

AFCRL 67-0517
NEW YORK UNIVERSITY
ELECTRONIC STRUCTURE OF ORGANIC MOLECULES AND ORGANIC SEMICONDUCTORS FINAL REPORT JUNE 1967
BY MOSKOWITZ J W
OAR ACCESS NO.....252730-001
DDC NUMBER.....AD661280
INSTR...AF-19(628)4040
PROJECT/TASK.....8659/01

AFCRL 67-0518
AIR FORCE CAMBRIDGE RESEARCH LABS
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BY SALISBURY J W
OAR ACCESS NO.....255430-005
DDC NUMBER.....AD662476
INSTR...AFCRL-8602-01-01
PROJECT/TASK.....8602/01

AFCRL 67-0519
NEW YORK UNIVERSITY
GENERALIZED IMPEDANCE BOUNDARY CONDITIONS WITH APPLICATIONS TO SURFACE WAVE STRUCTURES
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BY KARP S N
KAPAL F C JR
OAR ACCESS NO.....263491-004
DDC NUMBER.....AD660069
INSTR...AF-19(628)3865
PROJECT/TASK.....5635/01

AFCRL 67-0520
NEW YORK UNIVERSITY
THE BELLMAN MATRIX OF 2N PLUS 1-DIMENSIONAL SYMMETRIC-HYPERBOLIC SYSTEMS
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BY YEN D H Y
HAZEL J
OAR ACCESS NO.....269722-005
DDC NUMBER.....AD662773
INSTR...AF-19(628)4005
PROJECT/TASK.....4603/02

AFCRL 67-0521
NEW YORK UNIVERSITY
THE PROGRESSING WAVE FORMALISM FOR ELECTROMAGNETIC WAVES FROM MOVING SOURCES
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BY LEWIS R M
PRESSMAN B
OAR ACCESS NO.....269702-004
DDC NUMBER.....AD662775
INSTR...AF-19(628)4005
PROJECT/TASK.....4603/02

AFCRL 67-0522
TECHNOLOGY INCORPORATED
TECHNIQUES AND COMPUTER PROGRAMS TO COMPUTE GRAVITY FROM IN-FLIGHT MAGNETIC TAPE RECORDINGS FINAL REPORT JUNE 1967
BY BECKMAN C G
HARNOFF D A
OAR ACCESS NO.....265931-001
DDC NUMBER.....AD659651
INSTR...AF-19(628)3931
PROJECT/TASK.....7600/05

AFCRL 67-0523
UNIVERSITY OF ROCHESTER
APPROXIMATE FORMULAS FOR PHOTOELECTRIC COUNTING DISTRIBUTIONS
PHYSICAL REVIEW VOL 160 NO 5 AUGUST 1967 PP 1496-1500
BY BEDARD G
CHANG J C
MANDEL L
OAR ACCESS NO.....253290-005
DDC NUMBER.....AD662674
INSTR...AF-19(628)5052
PROJECT/TASK.....4645/02

AFCRL 67-0524
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FINAL RESULTS OF CAMBRIDGE AND CGI PENDULUM MEASUREMENTS
SCIENTIFIC REPORT NO 1-A FEB 1967
BY MORELLI C
OAR ACCESS NO.....250280-004
DDC NUMBER.....AD662583
INSTR...AF-61(052)00656
PROJECT/TASK.....7600/02

AFCRL 67-0525
SPERRY RAND RESEARCH CENTER
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BY KAUFMAN L
OAR ACCESS NO.....257480-001
DDC NUMBER.....AD662005
INSTR...AF-19(628)5830
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AFCRL 67-0526
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BY JANDATE F
MANZILAI G
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AFCRL 67-0527
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PSRP NO 342 SEPT 1967
BY MAKSHI P M
HASKELL R E
PAPA R J
OAR ACCESS NO.....257620-018
DDC NUMBER.....AD660809
INSTR...AFCRL-6642-02-01
PROJECT/TASK.....4642/02

AFCRL 67-0528
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PSRP NO 343 SEPT 1967
BY HASKELL R E
PAPA R J
BAKSHI P M
OAR ACCESS NO.....257620-019
DDC NUMBER.....AD660810
INSTR...AFCRL-6642-02-01
PROJECT/TASK.....4642/02

AFCRL 67-0529
STANFORD RESEARCH INSTITUTE
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BY AHRENS T J
OAR ACCESS NO.....259050-001
DDC NUMBER.....AD662804
INSTR...AF-19(628)6048
PROJECT/TASK.....8652/06

AFCRL 67-0530
HEWLETT-PACKARD CO
INVESTIGATION AND DEVELOPMENT OF SEMICONDUCTOR-METAL CATHODES FINAL REPORT AUG 1967
BY YEP T O
ARCHER R J
OAR ACCESS NO.....258900-003
DDC NUMBER.....AD660577
INSTR...AF-19(628)5986
PROJECT/TASK.....5638/01

AFCRL 67-0531
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BY LEWIS R M
BLEISTEIN N
LUDWIG D
OAR ACCESS NO.....263491-005
DDC NUMBER.....AD660068
INSTR...AF-19(628)01868
PROJECT/TASK.....5635/01

AFCRL 67-0532
UNIVERSITY OF UTAH
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BY BJORKLUND C O
MAYCOCK D E
SMITH H S
ALLRED G O
OAR ACCESS NO.....272331-004
DDC NUMBER.....AD660849
INSTR...AF-19(628)04955
PROJECT/TASK.....5710/09

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OAR ACCESS NO.....269801-002
BY ENGLER N A
LUERS J K
MCCLOSKEY J W
DDC NUMBER.....AD667203
INSTR...AF-19(628)6479A
PROJECT/TASK.....6682/04

AFCRL 67-0535
NORTHEASTERN UNIVERSITY
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OAR ACCESS NO.....252890-003
BY LOB W H
BISHOP A W
DDC NUMBER.....AD675147
INSTR...AF-19(628)04956
PROJECT/TASK.....6672/01

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UNIVERSITY OF UTAH
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OAR ACCESS NO.....259532-003
BY WESTLUND C D
LITTLEFIELD C
DDC NUMBER.....AD664577
INSTR...AF-19(628)05044
PROJECT/TASK.....7603/03

AFCRL 67-0537
SYSTEM DEVELOPMENT CORPORATION
CONTROL SETS ON GRAMMARS
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OAR ACCESS NO.....259400-[illegible]
BY GINSBURG S
SPANIER E H
DDC NUMBER.....AD661970
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PROJECT/TASK.....5632/05

AFCRL 67-0538
SYSTEM DEVELOPMENT CORPORATION
PRE-AFT
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OAR ACCESS NO.....259400-009
BY GINSBURG S
GREIBACH S
HOPCROFT J
DDC NUMBER.....AD661969
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PROJECT/TASK.....5632/05

AFCRL 67-0539
SYSTEM DEVELOPMENT CORPORATION
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DDC NUMBER.....AD661968
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UNIVERSITY OF TEXAS
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OAR ACCESS NO.....268631-001
BY BLOOMQUIST W G
SMITH H W
BOSTICK F X
ANES L A
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DDC NUMBER.....AD661284
INSTR...AF-19(628)04046
PROJECT/TASK.....8682/01

AFCRL 67-0541
PARKE MATHEMATICAL LABORATORIES INC
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OAR ACCESS NO.....266152-005
BY SAMSON E W
CALAHI L
DDC NUMBER.....AD662324
INSTR...AF-19(628)04790
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AFCRL 67-0542
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OAR ACCESS NO.....258863-001
BY CARPENTER J W
MANLEY D P
SMITH H J P
FINN R S
HARRISON H H
DDC NUMBER.....AD387139L
INSTR...AF-19(628)05996
PROJECT/TASK.....5710/00

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OAR ACCESS NO.....254370-005
BY FISCHER H
SCHONBACH K
DDC NUMBER.....AD662346
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AFCRL 67-0545
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PEVERAND M
FISCHER H
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OAR ACCESS NO.....256690-002
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DDC NUMBER.....AD665885
INSTR...AFCRL-5629-02-01
PROJECT/TASK.....5629/02

AFCRL 67-0547
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OAR ACCESS NO.....265002-003
BY SOUTHGATE P D
CHANG K K N
DDC NUMBER.....AD825020L
INSTR...AF-19(628)04396
PROJECT/TASK.....4645/02

AFCRL 67-0548
UNIVERSITY OF CALIFORNIA
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OAR ACCESS NO.....258520-001
BY WELCH W J
DDC NUMBER.....AD662365
INSTR...AF-19(628)05888
PROJECT/TASK.....8682/03

AFCRL 67-0549
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OAR ACCESS NO.....253131-001
BY TUNCOTTE P T
DDC NUMBER.....AD664078
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PROJECT/TASK.....8652/05

AFCRL 67-0550
UNIVERSITY OF ALASKA
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OAR ACCESS NO.....251200-009
BY MCSSLER V P
MEACOCK R R
DDC NUMBER.....AD662877
INSTR...AF-19(628)01699
PROJECT/TASK.....8601/03

AFCRL 67-0551
PENNSYLVANIA STATE UNIVERSITY
MAGNETOSPHERIC TAIL STUDIES 1 ANALYSIS OF HOURLY AVERAGED IMP-C DATA IN THE MAGNETOSPHERIC TAIL 2 UNCOUPLING OF PARALLEL AND PERPENDICULAR PARTICLE MOTION IN A NEUTRAL
SCIENTIFIC REPORT NO 306 SEPT 1967
OAR ACCESS NO.....267711-021
BY SPEISER T W
DDC NUMBER.....AD663751
INSTR...AF-19(628)04014
PROJECT/TASK.....8605/02

AFCRL 67-0552
SYRACUSE UNIV RESEARCH INSTITUTE
COMPUTER DESIGN OF UNEQUALLY SPACED ARRAYS
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OAR ACCESS NO.....258670-004
BY SCHUMAN H K
STRAIT B J
DDC NUMBER.....AD661593
INSTR...AF-19(628)05882
PROJECT/TASK.....5635/06

AFCRL 67-0553
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OAR ACCESS NO.....265301-013
BY MILBERMAN D
DDC NUMBER.....AD665147
INSTR...AF-19(628)01699
PROJECT/TASK.....5635/06

AFCRL 67-0554
UNIVERSITY OF GRONINGEN
MOLIONIC LATTICES THE ORGANIC SEMICONDUCTORS TMPD/C104 AND TMPD/CHLORANIL FINAL REPORT MAY 1967
OAR ACCESS NO.....251500-003
BY KOMMANDEUR J — DDC NUMBER.....AD660605
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AFCRL 67-0555
UNIVERSITY COLLEGE
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OAR ACCESS NO.....252830-001
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INSTR...AF-61/052/00714
PROJECT/TASK.....6694/05

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PROJECT/TASK.....7600/03

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NADILE R — PROJECT/TASK.....8662/00

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MURCRAY D — INSTR...AF-19/628/05202
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BUHT D A
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INSTR...AF-19(628)04789
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INSTR...AF-19(628)04376
PROJECT/TASK.....8659/03

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AFCRL 67-0592
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BY PRINCE M
OKAMOTO Y
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INSTR...AF-19(628)05990
PROJECT/TASK.....5621/04

AFCRL 67-0593
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BY TERRELL J H
LAWRENCE T R
NOVENSKI A
NAIMAN C S
SCHWARTZ J
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DDC NUMBER.....AD666876
INSTR...AF-19(628)05721
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AFCRL 67-0594
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BY METZNER J T — DDC NUMBER.....AD666030
MORGAN M C — INSTR...AF-19(628)04321
PROJECT/TASK.....4610/01

AFCRL 67-0595
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OAR ACCESS NO.....250691-003
BY KEGEL G H R — DDC NUMBER.....AD664347
INSTR...AF-19(628)05980
PROJECT/TASK.....5620/01

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KEGEL G H R — INSTR...AF-19(628)05980
SOPER R B — PROJECT/TASK.....5620/03
MAYBURG

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INSTR...AF-19(628)06140
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OGILVIE R E — INSTR...F1962R-67-C-0029
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OAR ACCESS NO.....254420-004
BY SCHINDLER J K — DDC NUMBER.....AD662874
INSTR...AFCRL-5635-02-01
PROJECT/TASK.....5635/02

AFCRL 67-0603
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BY BROWN G D JR — DDC NUMBER.....AD668438
CRONIN J F — INSTR...AFCRL-7629-05-01
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DOBLING H W
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MORRISSEY J F — INSTR...AFCRL-6670-01-01
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BY ARSENAULT R J — DDC NUMBER.....AD662872
FLYNN V M — INSTR...F1962R-67-C-0095
METRICK L H — PROJECT/TASK.....4648/05
PIROLADO N V
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BY COLLIN R E — DDC NUMBER.....AD665184
HAZONY D — INSTR...AF-19(628)01099
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INSTR...AF-19(628)06005
PROJECT/TASK.....5710/00

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BY KOHLER L E — DDC NUMBER.....AD674631
HALLINGER J G — INSTR...AF-19(628)05529
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BY DE KLERK J — DDC NUMBER.....AD829671
INSTR...AF-19(628)04372
PROJECT/TASK.....5635/03

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ALEXANDER M — INSTR...F19628-67-C-0241
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OAR ACCESS NO.....261842-002
BY NIELSEN A H — DDC NUMBER.....AD664916
MASON A M — INSTR...AF-19(628)04323
LOVELL R J — PROJECT/TASK.....8603/03
JACOBSON M C
GAILAR N M

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BY SELLERS B — DDC NUMBER.....AD665887
SMITH M — INSTR...AF-19(628)05963
HANSEN F A — PROJECT/TASK.....6682/07

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NEW YORK UNIVERSITY
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DDC NUMBER.....AD668194
INSTR...AF-19(628)03968
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AFCRL 67-0615
NEW YORK UNIVERSITY
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BY KOCH K R

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INSTR...AF-19(628)05701
PROJECT/TASK.....7600/02

AFCRL 67-0617
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BY DANIELSEN E F
BLECK R

OAR ACCESS NO.....252850-003
DDC NUMBER.....AD670847
INSTR...AF-19(628)06762
PROJECT/TASK.....6699/02

AFCRL 67-0618
AMERICAN SCIENCE AND ENGINEERING INC
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BY REIDY W P
MCGHEE E R

OAR ACCESS NO.....273092-001
DDC NUMBER.....AD666695
INSTR...F19628-67-C-0127
PROJECT/TASK.....7663/01

AFCRL 67-0619
RADIO CORPORATION OF AMERICA
LOGIC NETS THEIR CHARACTERIZATION RELIABILITY AND EFFICIENT SYNTHESIS FINAL REPORT OCT 1967

BY KAPLAN K R
SRINIVASAN C V
WINDER R O

OAR ACCESS NO.....263701-005
DDC NUMBER.....AD625441L
INSTR...AF-19(628)04789
PROJECT/TASK.....5632/02

AFCRL 67-0620
NORTHEASTERN UNIVERSITY
INVESTIGATION OF THE LIGHT SCATTERING TECHNIQUE FOR COUNTING AND SIZE DETERMINATION OF MICRON-SIZED METEORITES FINAL REPORT OCT 1967

BY DUNN J F JR
FOSTER A R
MORIN T J JR
NARDONE L J
SWANSON J L

OAR ACCESS NO.....263721-001
DDC NUMBER.....AD666703
INSTR...AF-19(628)02823
PROJECT/TASK.....7667/01

AFCRL 67-0622
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BY CASTELLI J P
AARONS J
MICHAEL G A

OAR ACCESS NO.....256810-002
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PROJECT/TASK.....0000/00

AFCRL 67-0623
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BY BACHYNSKI W P
GIBBS R W
GRAF K A

OAR ACCESS NO.....268831-004
DDC NUMBER.....AD665580
INSTR...AF-19(628)04071
PROJECT/TASK.....4642/02

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OAR ACCESS NO.....268831-005
DDC NUMBER.....AD665871
INSTR...AF-19(628)04071
PROJECT/TASK.....4642/02

AFCRL 67-0625
CANADIAN COMMERCIAL CORP
ANTENNA PROPERTIES IN THE PRESENCE OF ANISOTROPIC IONIZED MEDIA FINAL REPORT JUNE 1967

BY BACHYNSKI W P
GIBBS R W
GRAF K A

OAR ACCESS NO.....268831-006
DDC NUMBER.....AD666033
INSTR...AF-19(628)04071
PROJECT/TASK.....4642/02

AFCRL 67-0626
OHIO STATE UNIVERSITY
KINEMATICAL GEODESY
REPORT NO 92 SCIENTIFIC REPORT NO 16 NOV 1967

BY MORITZ H

OAR ACCESS NO.....272752-016
DDC NUMBER.....AD666052
INSTR...AF-19(628)05701
PROJECT/TASK.....7600/02

AFCRL 67-0627
WESTINGHOUSE ELECTRIC CORP
FABRICATION OF VAPOR-DEPOSITED THIN FILM PIEZOELECTRIC TRANSDUCERS FOR THE STUDY OF PHONON BEHAVIOR IN DIELECTRIC MATERIALS AT MICROWAVE FREQUENCIES
PHYSICAL ACOUSTICS VOL 4A PP 195-221 /ACADEMIC PRESS INC NEW YORK 1966/

BY DE KLERK J

OAR ACCESS NO.....268641-006
DDC NUMBER.....AD662534
INSTR...AF-19(628)04372
PROJECT/TASK.....5635/03

AFCRL 67-0628
WESTINGHOUSE ELECTRIC CORP
ELASTIC CONSTANTS OF A-ZNS
J PHYS CHEM SOLIDS VOL 28 PP 1831-1837 /PERGAMON PRESS OXFORD 1967/

BY DE KLERK J

OAR ACCESS NO.....268641-007
DDC NUMBER.....AD662535
INSTR...AF-19(628)04372
PROJECT/TASK.....5635/03

AFCRL 67-0629
CORNELL AERONAUTICAL LABORATORY INC
STUDY OF ANTENNA VOLTAGE BREAKDOWN IN A SHOCK TUNNEL /U/
UB-2348-E-3 QUARTERLY TECHNICAL REPORT NO 3 OCT 1967

BY ANDRE S N

OAR ACCESS NO.....268622-003
DDC NUMBER.....AD385881
INSTR...F19628-67-C-0169
PROJECT/TASK.....8671/00

AFCRL 67-0630
SHELL DEVELOPMENT COMPANY
THE MECHANICAL ANALYSIS OF QUATERNARY TECTONISM FINAL REPORT OCT 1967

BY HOWARD J H

OAR ACCESS NO.....253171-001
DDC NUMBER.....AD662635
INSTR...F19628-67-C-0036
PROJECT/TASK.....8623/04

AFCRL 67-0631
HUGHES RESEARCH LABS
RESEARCH TOWARD FEASIBILITY OF AN INSTRUMENT FOR MEASURING VERTICAL GRADIENTS OF GRAVITY FINAL REPORT OCT 1967

BY FORWARD R L

OAR ACCESS NO.....258990-001
DDC NUMBER.....AD828853L
INSTR...AF-19(628)06134
PROJECT/TASK.....8607/03

AFCRL 67-0632
HUGHES AIRCRAFT CO
STUDY OF APPLICATION OF ANTENNA OPTIMIZATION TECHNIQUES FINAL REPORT NOV 1967

BY YOUNG G O
KSIENSKI A A

OAR ACCESS NO.....252280-005
DDC NUMBER.....AD662341
INSTR...AF-19(628)04358
PROJECT/TASK.....8603/03

AFCRL 67-0633
TECHNICAL OPERATIONS INC
EXTENDED DYNAMIC RANGE PROCESSING FINAL REPORT NOV 1967

BY SHEPP A
KAMMERER B
SHUMAN H

OAR ACCESS NO.....259340-001
DDC NUMBER.....AD663837
INSTR...F19628-67-C-0082
PROJECT/TASK.....8663/00

AFCRL 67-0634
AIR FORCE CAMBRIDGE RESEARCH LABS
THE IN-FLIGHT DEPLOYMENT OF HEAVY PAYLOAD TRAINS BENEATH ASCENDING HIGH-ALTITUDE BALLOONS
IP NO 134 NOV 1967

DAR ACCESS NO.....296590-001
BY DOHERTY F X — DDC NUMBER.....AD663718
CZEPYHA C G H — INSTR...AFCRL-5710-00-02
REDDY R J — PROJECT/TASK.....5710/00

AFCRL 67-0635
AMERICAN SCIENCE AND ENGINEERING
THE GROWTH OF SINGLE CRYSTALS OF THE CHARGE TRANSFER COMPLEXES FINAL REPORT NOV 1967

DAR ACCESS NO.....282750-001
BY COBB C H — DDC NUMBER.....AD664895
WALLIS E R — INSTR...AF-19(628)4239
PROJECT/TASK.....8659/01

AFCRL 67-0636
NORWEGIAN DEFENSE RESEARCH ESTABLISHMENT
ACOUSTOELECTRIC EFFECTS IN SOLIDS
PROGRESS REPORT NO 4 JUNE 1967

DAR ACCESS NO.....258340-005
BY HANNESTAD A — INSTR...AF-61(052)00958
PROJECT/TASK.....8683/01

AFCRL 67-0637
HUGHES AIRCRAFT CO
ANTENNA PROCESSING FOR HIGH-RESOLUTION MAPPING
P 67-241 SCIENTIFIC REPORT NO 5 AUG 1967

DAR ACCESS NO.....252780-006
BY YOUNG G O — DDC NUMBER.....AD665127
KSIENSKI A A — INSTR...AF-19(628)4358
PROJECT/TASK.....8683/03

AFCRL 67-0638
NEW YORK UNIVERSITY
ERROR DETECTION CONSIDERATIONS IN NULL RECEPTION SYSTEMS
TECHNICAL REPORT 400-170 EIGHTH SCIENTIFIC REPORT OCT 1967

DAR ACCESS NO.....269532-004
BY DOBROW S — DDC NUMBER.....AD666032
INSTR...AF-19(628)4321
PROJECT/TASK.....4610/03

AFCRL 67-0639
COLUMBIA UNIVERSITY
DISSIPATION IN THE EARTHS MANTLE AND RIGIDITY AND VISCOSITY IN THE EARTHS CORE DETERMINED FROM WAVES MULTIPLY REFLECTED FROM THE MANTLE-CORE BOUNDARY
BULL SEISMOLOGICAL SOC OF AMERICA VOL 57 NO 5 PP 829-856 OCT 1967 ADVANCED RESEARCH PROJECTS AGENCY

DAR ACCESS NO.....272521-019
BY SATO R — DDC NUMBER.....AD662167
ESPINOSA A F — INSTR...AF-19(628)4082
PROJECT/TASK.....8652/00

AFCRL 67-0640
UPPSALA UNIVERSITY
A SYNTHESIS OF SHORT-PERIOD P-WAVE RECORDS FROM DISTANT EXPLOSION SOURCES
SCIENTIFIC REPORT NO 54 SEPT 1967

DAR ACCESS NO.....253260-004
BY KORHMAN K — DDC NUMBER.....AD663332
INSTR...AF-61(052)00702
PROJECT/TASK.....8652/04

AFCRL 67-0641
WEIZMANN INSTITUTE OF SCIENCE
THE ROTATION-TRANSLATION-COUPLING EFFECT IN NOBLE-GAS CRYSTALS CONTAINING NOLECULAR IMPURITIES
SCIENTIFIC REPORT NO 5 APR 1967

DAR ACCESS NO.....273381-001
BY FRIEDMANN H — DDC NUMBER.....AD663840
KIMEL S — INSTR...AF-61(052)00838
PROJECT/TASK.....8603/03

AFCRL 67-0644
AYDDECK RESEARCH ASSOCIATES
COUPLED WAVE EQUATIONS FOR MULTI-MODE INHOMOGENEOUS MEDIA II
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DAR ACCESS NO.....250061-010
BY HJALMARSON A — DDC NUMBER.....AD666456
INSTR...AF-61(052)00864
PROJECT/TASK.....4603/02

AFCRL 67-0645
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
A STUDY OF THE PHYSICAL PROPERTIES OF HIGH-TEMPERATURE SINGLE CRYSTALS FINAL REPORT SEPT 1967

DAR ACCESS NO.....250840-002
BY SMAKULA A — DDC NUMBER.....AD663736
INSTR...AF-19(628)00195
PROJECT/TASK.....5621/05

AFCRL 67-0646
UNIVERSITY OF COLORADO
DEVELOPMENT FABRICATION ASSEMBLY AND TESTING OF BIAXIAL POINTING CONTROL AND ASSOCIATED TELEMETERING SYSTEMS FINAL REPORT NOV 1967

DAR ACCESS NO.....272313-001
BY STONE V L — DDC NUMBER.....AD665897
WISE F E — INSTR...AF-19(628)42911
CUNNINGHAM M — PROJECT/TASK.....7659/01

AFCRL 67-0647
UNIVERSITY OF COLORADO
PROVIDE PAYLOAD FOR AEROBEE ROCKET REFURBISH AND TEST A LUNAR POINTING CONTROL AND TELEMETRY SYSTEM FINAL REPORT NOV 1967

DAR ACCESS NO.....272312-001
BY STONE V L — DDC NUMBER.....AD665896
WISE F E — INSTR...AF-19(628)06040
CUNNINGHAM M — PROJECT/TASK.....8602/05

AFCRL 67-0648
AIR FORCE CAMBRIDGE RESEARCH LABS
INVESTIGATION OF CRYSTAL IMPERFECTIONS BY MEANS OF LASER LIGHT SCATTERING
PSRPNO 351 DEC 1967

DAR ACCESS NO.....296470-001
BY POWELL R C — DDC NUMBER.....AD666918
INSTR...AFCRL-5620-08-01
PROJECT/TASK.....5620/08

AFCRL 67-0649
HUGHES AIRCRAFT CO
SYNTHETIC ARRAY MAPPING AND TARGET DETECTION /U/
P67-245 SCIENTIFIC REPORT NO 6 SEPT 1967

DAR ACCESS NO.....252780-007
BY ZEOLI G W — DDC NUMBER.....AD386923L
KSIENSKI A A — INSTR...AF-19(628)04358
YOUNG G O — PROJECT/TASK.....8683/03

AFCRL 67-0650
SYRACUSE UNIV RESEARCH INSTITUTE
OPTIMIZATION OF PERFORMANCE INDICES IN DISCRETE ARRAY SYSTEMS FINAL REPORT NOV 1967

DAR ACCESS NO.....258110-004
BY CHENG D K — DDC NUMBER.....AD664082
INSTR...AF-19(628)05068
PROJECT/TASK.....8683/03

AFCRL 67-0651
PARKE MATHEMATICAL LABORATORIES INC
ENERGY SPECTRA OF SECONDARY ELECTRONS FROM METALS
SCIENTIFIC REPORT NO 8 NOV 1967

DAR ACCESS NO.....250610-006
BY SHERMAN C H — DDC NUMBER.....AD665474
GORDON N E — INSTR...AF-19(628)02419
PROJECT/TASK.....5620/02

AFCRL 67-0652
PARKE MATHEMATICAL LABORATORIES INC
RESEARCH ON ELECTRONIC INTERACTION IN MATERIALS AND ON DATA PROCESSING THEORY FINAL REPORT NOV 1967

DAR ACCESS NO.....264152-006
BY PML STAFF — DDC NUMBER.....AD663762
INSTR...AF-19(628)04790
PROJECT/TASK.....5621/06

AFCRL 67-0653
HARVARD UNIVERSITY
INFINITE PHASED DIPOLE ARRAY
SCIENTIFIC REPORT NO 21 /SERIES 3/ DEC 1967

DAR ACCESS NO.....271681-014
BY CHANG V W H — DDC NUMBER.....AD664064
INSTR...AF-19(628)02406
PROJECT/TASK.....5635/02

AFCRL 67-0654
STANFORD RESEARCH INSTITUTE
POINT-SYMMETRIC GRAPHS WITH A PRIME NUMBER OF POINTS
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DAR ACCESS NO.....258630-001
BY TUTTEN J B — DDC NUMBER.....AD665942
INSTR...AF-19(628)05903
PROJECT/TASK.....4641/01

AFCRL 67-0655
AIR FORCE CAMBRIDGE RESEARCH LABS
SCINTILLATION STUDIES USING THE EARLY BIRD SYNCHRONOUS SATELLITE 136-MHZ SIGNAL
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DAR ACCESS NO.....254100-008
BY SLACK F F — DDC NUMBER.....AD665852
INSTR...AFCRL-4643-02-01
PROJECT/TASK.....4643/02

AFCRL 67-0656
AIR FORCE CAMBRIDGE RESEARCH LABS
HIGH PRESSURE HIGH TEMPERATURE CRYSTAL GROWTH SYSTEM
IP 135 DEC 1967

BY MARSHALL R C

DAR ACCESS NO.....258130-006
DOC NUMBER.....AD664315
INSTR...AFCRL-5620-06-01
PROJECT/TASK.....5620/06

AFCRL 67-0657
MCGILL UNIVERSITY
ALBERTA HAIL STUDIES 1966
AW-49 SCIENTIFIC REPORT NO 2 MAY 1967

BY CHISHOLM A J
ENGLISH P
MITSCHFELD W
PELL J
THYER N M

DAR ACCESS NO.....271422-002
DOC NUMBER.....AD686938
INSTR...F19628-67-C-0129
PROJECT/TASK.....8020/04

AFCRL 67-0658
STANFORD UNIVERSITY
BRAGG SCATTERING OF INFRARED RADIATION FROM COHERENT SPIN WAVES
JOURNAL APPLIED PHYSICS VOL 38 NO 8 JULY 1967 PP 3331-3336

BY AULD B A
WILSON D A

DAR ACCESS NO.....258002-004
DOC NUMBER.....AD664395
INSTR...AF-19(628)05545
PROJECT/TASK.....5635/03

AFCRL 67-0659
UNIVERSITY OF DAYTON
THE DALLUTE A METANDATION DEVICE AND WIND SENSOR
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BY LUERS J K

DAR ACCESS NO.....269801-003
DOC NUMBER.....AD686021
INSTR...AF-19(628)04791
PROJECT/TASK.....6692/04

AFCRL 67-0660
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
UNIFORM MODE RESONANCE AND SPIN-WAVE INSTABILITY IN RHNFJ
JOURNAL OF APPLIED PHYSICS VOL 38 NO 3 1 MARCH 1967 PP 1278-1279

BY COLE P H
COURTNEY W E

DAR ACCESS NO.....258730-005
DOC NUMBER.....AD664189
INSTR...AF-19(628)05876
PROJECT/TASK.....5635/03

AFCRL 67-0661
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
FREQUENCY CONVERSION OF SPIN AND SPIN-ELASTIC WAVES IN PULSED MAGNETIC FIELDS
APPLIED PHYSICS LETTERS VOL 10 NO 6 15 MARCH 1967 PP 184-186 AND VOL 11 NO 1 1 JULY 1967 PP 24-26

BY REZENDE S M
MORGENTHALER F R

DAR ACCESS NO.....258730-006
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INSTR...AF-19(628)05876
PROJECT/TASK.....5635/03

AFCRL 67-0662
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
EXCHANGE ENERGY STRESS AND MOMENTUM IN A RIGID FERROMAGNET
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BY MORGENTHALER F R

DAR ACCESS NO.....259730-007
DOC NUMBER.....AD664107
INSTR...AF-19(628)05876
PROJECT/TASK.....5635/03

AFCRL 67-0663
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
MAGNETOELASTIC PARALLEL-PUMP INSTABILITIES FOR GENERALLY DIRECTED WAVES
SCIENTIFIC REPORT NO 8 APR 1967

BY COLE P H

DAR ACCESS NO.....259730-008
DOC NUMBER.....AD664329
INSTR...AF-19(628)05876
PROJECT/TASK.....5635/03

AFCRL 67-0664
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
SMALL SIGNAL POWER AND MOMENTUM THEOREMS FOR A MAGNETOELASTIC FERROMAGNET
SCIENTIFIC REPORT NO 9 MAY 1967

BY MORGENTHALER F R

DAR ACCESS NO.....259730-009
DOC NUMBER.....AD664132
INSTR...AF-19(628)05876
PROJECT/TASK.....5635/03

AFCRL 67-0665
SYSTEM DEVELOPMENT CORP
CLOSURES WHICH PRESERVE FINITENESS IN FAMILIES OF LANGUAGES
TM-738/039/00 SCIENTIFIC REPORT NO 12 OCT 1967

BY ROSE G F

DAR ACCESS NO.....259400-011
DOC NUMBER.....AD664048
INSTR...F19628-67-C-0008
PROJECT/TASK.....5581/05

AFCRL 67-0666
SYSTEM DEVELOPMENT CORP
ON THE ELIMINATION OF ENUMERATIONS
TM-738/040/00 SCIENTIFIC REPORT NO 13 OCT 1967

BY GINSBURG S
HARRISON M A

DAR ACCESS NO.....259400-012
DOC NUMBER.....AD664022
INSTR...F19628-67-C-0008
PROJECT/TASK.....5632/08

AFCRL 67-0667
HARVARD UNIVERSITY
RESEARCH IN ELECTROMAGNETIC RADIATION AND ANTENNAS A SUMMARIZING REVIEW FINAL REPORT DEC 1967

BY KING R W P

DAR ACCESS NO.....271681-015
DOC NUMBER.....AD688144
INSTR...AF-19(628)02408
PROJECT/TASK.....5638/02

AFCRL 67-0668
AIR FORCE CAMBRIDGE RESEARCH LABS
RADAR RETURN FROM TARGETS HIDDEN BY GROUND CLUTTER
PSRP NO 366 DEC 1967

BY GENUIS W W
NAUMANN S J

DAR ACCESS NO.....258210-004
DOC NUMBER.....AD827486
INSTR...AFCRL-5635-08-01
PROJECT/TASK.....5635/08

AFCRL 67-0669
UNIVERSITY OF NOTRE DAME
RESEARCH ON SINGLE CRYSTAL ELECTRON EMITTERS FINAL REPORT NOV 1967

BY COLMES F A
PETRAUSKAS A A

DAR ACCESS NO.....266491-002
DOC NUMBER.....AD664892
INSTR...AF-19(628)04063
PROJECT/TASK.....8650/02

AFCRL 67-0670
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THE INFLUENCE OF RADIO BRIGHTNESS TEMPERATURE ON SOLAR FARE PREDICTION
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BY REILLY A E
ENGEN I

DAR ACCESS NO.....257670-002
DOC NUMBER.....AD667838
INSTR...AFCRL-8666-01-03
PROJECT/TASK.....8666/01

AFCRL 67-0671
NEW YORK UNIVERSITY
AN ASYMPTOTIC FIELD CALCULATION IN THE PENUMBRA REGION
IEEE TRANSACTIONS ON ANTENNAS AND PROPATION VOL AP-15 NO 5 SEPT 1967 PP 704-705

BY RULF B

DAR ACCESS NO.....263491-008
DOC NUMBER.....AD664191
INSTR...AF-19(628)0388R
PROJECT/TASK.....5635/01

AFCRL 67-0672
AIR FORCE CAMBRIDGE RESEARCH LABS
THE ZCZ LAUNCH TECHNIQUE FOR HIGH-ALTITUDE BALLOONS
IP NO 136 DEC 1967

BY OCHENTY F X
CZEPYHA C S R
HEDIN R J

DAR ACCESS NO.....256390-003
DOC NUMBER.....AD665859
INSTR...AFCRL-5710-00-02
PROJECT/TASK.....5710/00

AFCRL 67-0673
AIR FORCE CAMBRIDGE RESEARCH LABS
APPROACH TO THE THREE-BODY SCATTERING PROBLEM
PSRP NO 367 DEC 1967

BY JASPERSE J R

DAR ACCESS NO.....256150-004
DOC NUMBER.....AD667212
INSTR...AFCRL-5621-06-01
PROJECT/TASK.....5621/06

AFCRL 67-0674
AIR FORCE CAMBRIDGE RESEARCH LABS
PHOTOPRODUCED AND ELECTROPRODUCED HOLIN PAIRS
PSRP NO 368 DEC 1967

BY ROTHWELL P L

DAR ACCESS NO.....256730-002
DOC NUMBER.....AD665851
INSTR...AFCRL-8600-08-01
PROJECT/TASK.....8600/08

AFCRL 67-0675
STEVENS INSTITUTE OF TECHNOLOGY
STUDY OF STABILITY OF HYDROMAGNETIC PLASMAS AND THEORETICAL AND EXPERIMENTAL INVESTIGATION OF THE BEHAVIOR OF IONIZED GASES IN A MAGNETIC FIELD UNDER SHOCK CONDITIONS

BY BESSE A
GOSTICK W H
DESHPURH A
EMMERT G
FARBER E

DAR ACCESS NO.....252690-001
DOC NUMBER.....AD664342
INSTR...AF-19(628)02398
PROJECT/TASK.....8608/03

AFCRL 67-0676
WALTER KIDDE & COMPANY INC
DESIGN & FABRICATION OF A SMALL LIGHTWEIGHT EXPENDABLE TYPE GAS CYLINDER FOR USE WITH HELIUM FINAL REPORT DEC 1967
DAR ACCESS NO.....798500-001
BY HUNTER T F
DDC NUMBER.....AD668368
INSTR...AF-19(628)6698
PROJECT/TASK.....6870/03

AFCRL 67-0677
UNIVERSITY OF BERGEN
FURTHER STUDIES OF STATISTICAL METEOROLOGY FINAL REPORT JUNE 1967
DAR ACCESS NO.....250541-003
BY GOOSKE C L
DDC NUMBER.....AD663294
INSTR...AF-61(052)-676
PROJECT/TASK.....8624/01

AFCRL 67-0678
QUEENS UNIVERSITY
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DAR ACCESS NO.....273610-002
BY PATTERSON T N L
DDC NUMBER.....AD668317
INSTR...AF-61(052)-00780
PROJECT/TASK.....8627/20

AFCRL 67-0679
VITRO LABS
FLIGHT CONTROL SYSTEMS AND LAUNCHING TECHNIQUES FOR AIR BALLAST SYSTEMS
TECHNICAL NOTE 02067-02-2 SCIENTIFIC REPORT NO 2 NOV 1967
DAR ACCESS NO.....259540-002
BY DAVIDSON A W JR
DDC NUMBER.....AD668446
INSTR...F19628-67-C-0192
PROJECT/TASK.....6665/01

AFCRL 67-0680
HUGHES AIRCRAFT CO
THE EFFECT OF LINEAR FREQUENCY MODULATION ON ANGULAR RESOLUTION AND POINTING ACCURACY
P67-246 SCIENTIFIC REPORT NO 7 SEPT 1967
DAR ACCESS NO.....252200-000
BY YOUNG G O
DDC NUMBER.....AD668458
INSTR...AF-19(628)6435R
PROJECT/TASK.....8684/03

AFCRL 67-0681
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
MAGNETOELASTIC AND MAGNETOSTATIC WAVES IN TIME-VARYING MAGNETIC FIELDS
SCIENTIFIC REPORT NO 10 DEC 1967
DAR ACCESS NO.....258730-010
BY REZENDE S M
DDC NUMBER.....AD668333
INSTR...AF-19(628)5876
PROJECT/TASK.....5635/03

AFCRL 67-0682
OBSERVATORY OF EBRO
DAILY AND SEASONAL VARIATION OF THE TOTAL ELECTRON CONTENT OF THE IONOSPHERE OVER TORTOSA
SCIENTIFIC REPORT NO 1 APR 1967
DAR ACCESS NO.....258020-001
BY GALDON C
INSTR...AF-61(052)-00924
PROJECT/TASK.....4643/02

AFCRL 67-0683
UNIVERSITY OF MASSACHUSETTS
PAST VERSUS PRESENT WIND ACTION IN THE MOJAVE DESERT REGION CALIFORNIA
SCIENTIFIC REPORT NO 1 DEC 1967
DAR ACCESS NO.....262541-001
BY SMITH H T U
DDC NUMBER.....AD665137
INSTR...AF-19(628)-2988
PROJECT/TASK.....8621/02

AFCRL 67-0684
TRW INC
INVESTIGATION OF RADIATION HARDENED CIRCUIT ELEMENTS
06615-6002-R000 SCIENTIFIC REPORT NO 2 NOV 1967
DAR ACCESS NO.....254780-002
BY MCWILLIAMS D A
DAVIS L C
DDC NUMBER.....AD668922
INSTR...F19628-67-C-0262

AFCRL 67-0685
NORTHEASTERN UNIVERSITY
INVESTIGATION OF SOLID STATE DEVICES AND MATERIALS FINAL REPORT SEPT 1967
DAR ACCESS NO.....267421-002
BY CUCHRUN D L
DDC NUMBER.....AD668437
INSTR...AF-19(628)3753
PROJECT/TASK.....4600/05

AFCRL 67-0686
STANFORD RESEARCH INSTITUTE
DECOMPOSITION THEORY OF SEMIAUTOMATA AND AUTOMATA FINAL REPORT DEC 1967
SRI PROJECT 6758 DEC 1967
DAR ACCESS NO.....251001-001
BY YOELI M
TUNNEH J
DDC NUMBER.....AD666689
INSTR...F19628-67-C-0295
PROJECT.....4641

AFCRL 67-0687
LITTON SYSTEMS INC
EXPERIMENTAL STUDY OF VOLTAGE BREAKDOWN CHARACTERISTICS OF TRANSMITTING ANTENNAS
ATD-11-67-006 QUARTERLY TECHNICAL REPORT NO 1 SEPT 1967
DAR ACCESS NO.....260300-001
BY HANDEL R C
HUSEK R M
RENFOLD A S
SLEMANN G R
DDC NUMBER.....AD427072
INSTR...F19628-68-C-0001
PROJECT/TASK.....8671/00

AFCRL 67-0688
UNIVERSITY OF
THEORY OF PHOTOELECTRIC DETECTION
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DAR ACCESS NO.....260570-002
BY LEHNBERG R H
DDC NUMBER.....AD668379
INSTR...F19628-68-C-0062
PROJECT/TASK.....5638/06

AFCRL 67-0689
DANISH METEOROLOGICAL INSTITUTE
IONOSPHERIC RESEARCH USING SATELLITES
PROGRESS REPORT NO 9 SEPT 1967
DAR ACCESS NO.....250100-003
BY LUNDJAK A M
MIKKELSEN I S
DDC NUMBER.....AD663793
INSTR...AF-61(052)-00928
PROJECT/TASK.....4643/02

AFCRL 67-0690
OHIO STATE UNIVERSITY
INTERPRETATION AND APPLICATION OF TRANSIENT AND IMPULSE RESPONSE APPROXIMATIONS IN ELECTROMAGNETIC SCATTERING PROBLEMS
ELECTROSCIENCE LABORATORY 2415-1 MAR 1968
DAR ACCESS NO.....252191-001
BY MOFFATT D L
DDC NUMBER.....AD668124
INSTR...F19628-67-C-0239
PROJECT/TASK.....5635/02

AFCRL 67-0691
OHIO STATE UNIVERSITY
TRANSIENT CURRENTS ON A PERFECTLY-CONDUCTING CYLINDER ILLUMINATED BY UNIT-STEP AND IMPULSIVE PLANE WAVES
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DAR ACCESS NO.....252191-002
BY SCHAFER R M
DDC NUMBER.....AD668536
INSTR...F19628-67-C-0239
PROJECT/TASK.....5635/02

AFCRL 67-0693
SPACE SCIENCES INC
A STUDY OF THE USE OF CHEMICAL ADDITIVES FOR THE ALLEVIATION OF THE PLASMA SHEATH PROBLEM
SSI-240 SCIENTIFIC REPORT NO 2 DEC 1967
DAR ACCESS NO.....251760-002
BY AISENBERG S
DDC NUMBER.....AD829211
INSTR...AF-19(628)-5047
PROJECT/TASK.....4642/02

AFCRL 67-0694
VARIAN ASSOCIATES
AIRBORNE RECONNAISSANCE MAGNETOMETER SYSTEM ZUZ FINAL REPORT DEC 1967
DAR ACCESS NO.....764292-001
BY MCBRIDE R A
DDC NUMBER.....AD387124L
INSTR...F19628-67-C-0144
PROJECT/TASK.....7601/03

AFCRL 67-0695
AIR FORCE CAMBRIDGE RESEARCH LABS
A COMPARISON OF REPORTED SOLAR FLARE OCCURRENCE TIMES AND FLARE PATROL TIMES 1955-1964
SPECIAL REPORTS NO 69 DEC 1967
DAR ACCESS NO.....257670-003
BY PICCIOLO R F
BAKER H G
DDC NUMBER.....AD567805
INSTR...AFCRL-0668-01-01
PROJECT/TASK.....8686/01

AFCRL 67-0696
STANFORD UNIVERSITY
WAVE-FRONT OBSERVATIONS AT 35 GHZ ON A LINE-OF-SIGHT RADIO-WAVE PROPAGATION PATH
INTERIM SCIENTIFIC REPORT NO 2274-1 SU-SEL-68-015 JULY 1967
DAR ACCESS NO.....251780-002
BY LEE J W
WATERMAN A T
DDC NUMBER.....AD669100
INSTR...AF-19(628)5054
PROJECT/TASK.....8692/01

AFCRL 68-0001
UNIVERSITY OF CALIFORNIA
OBSERVATIONS OF STRATOSPHERIC CLEAR-AIR TURBULENCE AND MOUNTAIN WAVES OVER THE SIERRA NEVADA MOUNTAINS FINAL REPORT DEC 1967

BY HELVEY R A

DAR ACCESS NO.....269880-001
DOC NUMBER.....AD667282
INSTR...AF-19(628)-4146
PROJECT/TASK.....8668/02

AFCRL 68-0002
STANFORD RESEARCH INSTITUTE
LOGIC DESIGN TECHNIQUES FOR PROPAGATION LIMITED NETWORKS FINAL REPORT NOV 1967

BY GOLDBERG J
GREEN M B
RAUTZ W H
LEVITT K N
PEASE M C

DAR ACCESS NO.....251871-001
DOC NUMBER.....AD667983
INSTR...AF-19(628)-5920
PROJECT/TASK.....4641/01

AFCRL 68-0003
GENERAL DYNAMICS CORP
MEASURMENTS OF CLOUD REFLECTANCE PROPERTIES AND THE ATMOSPHERIC ATTENUATION OF SOLAR AND INFRARED ENERGY FINAL REPORT DEC 1967

BY GRIGGS M
MAHGGRAF W A

DAR ACCESS NO.....257600-002
DOC NUMBER.....AD666936
INSTR...AF-19(628)-5917
PROJECT/TASK.....6698/03

AFCRL 68-0004
MATERIALS RESEARCH CORP
INVESTIGATION OF ELECTRON BEAM AND HOLLOW CATHODE PROCESSING OF ALUMINUM OXIDE AND RELATED MATERIALS FINAL REPORT NOV 1967

BY CLASS W

DAR ACCESS NO.....250751-001
DOC NUMBER.....AD665478
INSTR...F19628-67-C-0126
PROJECT/TASK.....5620/06

AFCRL 68-0005
STANFORD RESEARCH INSTITUTE
PROPERTIES OF CELLULAR ARRAYS FOR LOGIC AND STORAGE FINAL REPORT NOV 1967

BY ELSPAS B
RAUTZ W H
STONE H S

DAR ACCESS NO.....251931-004
DOC NUMBER.....AD668085
INSTR...AF-19(628)-5828
PROJECT/TASK.....4641/01

AFCRL 68-0006
NEW YORK UNIVERSITY
COSMIC RAY NEUTRON STUDIES FINAL REPORT DEC 1967

BY KORFF S A
MENDELL R B
SANDIE W G

DAR ACCESS NO.....251120-001
DOC NUMBER.....AD668551
INSTR...AF-19(628)-00379
PROJECT/TASK.....8600/03

AFCRL 68-0007
KANSAS STATE UNIVERSITY
INFRARED ABSORPTANCE OF CO AND N2O AT REDUCED TEMPERATURES K S U PROJECT GLOBA SCIENTIFIC REPORT NO 1 DEC 1967

BY HOOVER G M

DAR ACCESS NO.....253480-001
DOC NUMBER.....AD666069
INSTR...AF-19(628)-04315
PROJECT/TASK.....7670/03

AFCRL 68-0008
KANSAS STATE UNIVERSITY
STUDY OF THE EFFECTS OF ATMOSPHERIC PARAMETERS ON INFRARED TRANSMISSION MEASUREMENTS AND THE EFFECTS ON NON-THERMAL OR COHERENT SOURCES FINAL REPORT DEC 1967

BY WILLIAMS D

DAR ACCESS NO.....253480-002
DOC NUMBER.....AD666006
INSTR...AF-19(628)-04315
PROJECT/TASK.....7670/03

AFCRL 68-0009
AIR FORCE CAMBRIDGE RESEARCH LABS
THE SOLAR EXTREME ULTRAVIOLET SPECTRUM BETWEEN 30 MARCH 1966 AND 17 JANUARY 1967
ERP NO 280 JAN 1968

BY HIGGINS J E

DAR ACCESS NO.....256650-004
DOC NUMBER.....AD667538
INSTR...AFCRL-6688-06-01
PROJECT/TASK.....6688/06

AFCRL 68-0010
UNIVERSITY OF UTAH
ROCKET AND SATELLITE TECHNIQUES FOR MEASUREMENT OF ELECTRON DENSITY AND RELATED IONOSPHERIC PARAMETERS FINAL REPORT DEC 1967

BY HUNT D A
ALLRED C D
WESTLUND C D

DAR ACCESS NO.....259532-005
DOC NUMBER.....AD666671
INSTR...AF-19(628)-05044
PROJECT/TASK.....5710/00

AFCRL 68-0012
AIR FORCE CAMBRIDGE RESEARCH LABS
THE UNSOLVABILITY OF THE EQUIVALENCE PROBLEM FOR A-FREE NONDETERMINISTIC GENERALIZED MACHINES
PSRR NO 349 JAN 1968

BY GRIFFITHS T V

DAR ACCESS NO.....254320-004
DOC NUMBER.....AD667209
INSTR...AFCRL-6638-09-01
PROJECT/TASK.....5632/05

AFCRL 68-0013
AIR FORCE CAMBRIDGE RESEARCH LABS
USE OF THE AN/FPS-77 FOR QUANTITATIVE WEATHER RADAR MEASUREMENTS
IP NO 137 JAN 1968

BY PAULSEN W H

DAR ACCESS NO.....254490-001
DOC NUMBER.....AD668090
INSTR...AFCRL-6670-02-01
PROJECT/TASK.....8670/02

AFCRL 68-0014
BOSTON COLLEGE
RESEARCH DIRECTED TOWARD THE COLLECTION REDUCTION AND EVALUATION OF GEOMAGNETIC FIELD DATA FINAL REPORT JAN 1968

BY DEVANE J F
HOGAN J E

DAR ACCESS NO.....263322-001
DOC NUMBER.....AD666938
INSTR...AF-19(628)-04783
PROJECT/TASK.....7601/03

AFCRL 68-0016
UPPSALA UNIVERSITY
COSMIC RAY INTENSITY VARIATIONS DURING 1966
SCIENTIFIC NOTE NO 4 SEPT 1967

BY SANDSTROM A E
DYRING E
LANFORS G
LINDGREN S
SPOGRE B

DAR ACCESS NO.....259671-004
DOC NUMBER.....AD664341
INSTR...AF-61(052)-00868
PROJECT/TASK.....8600/07

AFCRL 68-0017
UNIVERSITY OF LEEDS
THE INFLUENCE OF A D C CROSSED MAGNETIC FIELD ON THE ELECTRICAL DISCHARGE CHARACTERISTICS OF GASES IN THE TOWNSEND REGION FINAL REPORT OCT 1967

BY HELYLEN A E D
DARGAN C L

DAR ACCESS NO.....252320-003
DOC NUMBER.....AD668528
INSTR...AF-61(052)-00812
PROJECT/TASK.....4642/03

AFCRL 68-0019
PARKE MATHEMATICAL LABS
RESEARCH ON RADIATION EFFECTS IN SOLIDS FINAL REPORT DEC 1967

BY PARKE N G

DAR ACCESS NO.....250610-005
DOC NUMBER.....AD666040
INSTR...AF-19(628)-02819
PROJECT/TASK.....5620/02

AFCRL 68-0020
UNIVERSITY OF GHANA
STUDIES OF THE EQUATORIAL IONOSPHERE USING TRANSMISSIONS FROM ACTIVE SATELLITES FINAL REPORT SEPT 1967

BY KOSTER J R

DAR ACCESS NO.....250110-002
INSTR...AF-61(052)-00800
PROJECT/TASK.....4643/02

AFCRL 68-0021
CORNELL UNIVERSITY
PHOTOELASTIC AMPLIFICATION OF LIGHT AND THE GENERATION OF HYPERSOUND BY THE STIMULATED BRILLOUIN PROCESS
PHYSICAL REVIEW LETTERS VOL 19 NO 11 PP623-626 11 SEPT 1967

BY WALDER J
TANG C L

DAR ACCESS NO.....257980-003
DOC NUMBER.....AD669133
INSTR...AF-19(628)-05677
PROJECT/TASK.....4645/07

AFCRL 68-0022
UNIVERSITY OF OSLO
THE TOREN TELESCOPE OF THE OSLO SOLAR OBSERVATORY HANESTUA
SCIENTIFIC REPORT NO 1 /69/ MAY 1967

BY ORANOE H

DAR ACCESS NO.....252812-001
DOC NUMBER.....AD666025
INSTR...F61052-67-C-0070
PROJECT/TASK.....7649/06

AFCRL 68-0023
ISTITUTO DI ELETTRONICA DELL UNIVERSITA DI ROMA
PROPAGATION OF WAVES IN SPECIAL MEDIA AND GEOMETRIES FINAL REPORT NOV 1967

BY BARZILAI G
GERUSA G

DAR ACCESS NO.....268411-008
DOC NUMBER.....AD664576
INSTR...AF-61(052)-00807
PROJECT/TASK.....8683/01

AFCRL 68-0024
TRAVELERS RESEARCH CENTER INC
SOLAR EVENT FORCAST AIDS FINAL REPORT MAY 1968
OAR ACCESS NO.....759970-002
BY ENGER I
DDC NUMBER.....AD669948
INSTR...AF-19(628)-0189
PROJECT/TASK.....8668/01

AFCRL 68-0025
PARRC MATHEMATICAL LABORATORIES INC
THE SKELETONS OF STABLE PLANE SETS
SCIENTIFIC REPORT NO 3 DEC 1967
OAR ACCESS NO.....258290-003
BY CALAHI L
RILEY J A
INSTR...AF-19(628)-05711
PROJECT/TASK.....8628/03

AFCRL 68-0026
UNIVERSITY OF ROCHESTER
CORRELATION MEASUREMENTS OF LASER BEAM FLUCTUATIONS NEAR THRESHOLD
PHYSICS LETTERS VOL 25A NO 9 6 NOV 1967 PP700-701
OAR ACCESS NO.....253290-006
BY DAVIDSON A
MANDEL L
DDC NUMBER.....AD666092
INSTR...AF-19(628)-05892
PROJECT/TASK.....4645/02

AFCRL 68-0027
UNIVERSITY OF MICHIGAN
NETWORK THEORY PROBLEMS IN IMPEDANCE LOADING
5568-A-T SCIENTIFIC REPORT NO 8 JAN 1968
OAR ACCESS NO.....272691-003
BY MCMAHON E L
BRAUN A R
KASEVICH R S
DDC NUMBER.....AD665472
INSTR...AF-19(628)-02374
PROJECT/TASK.....5635/02

AFCRL 68-0029
AIR FORCE CAMBRIDGE RESEARCH LABORATORIES
GREENS FUNCTIONS OF THE RYTOV EQUATION
PSRP NO 350 JAN 1968
OAR ACCESS NO.....257000-001
BY MANO K
DDC NUMBER.....AD669060
INSTR...AFCRL-RE&2-68-01
PROJECT/TASK.....8682/02

AFCRL 68-0030
AIR FORCE CAMBRIDGE RESEARCH LABS
SUPPLEMENT TO IQSY INSTRUCTION MANUAL NO 10 COSMIC RAY TABLES ASYMPTOTIC DIRECTIONS VARIATIONAL COEFFICIENTS AND CUTOFF RIGIDITIES
SPECIAL REPORTS NO 71 JAN 1968
OAR ACCESS NO.....256730-003
BY SHEA M A
SMART D F
MC CRACKEN K G
RAO U R
DDC NUMBER.....AD667539
INSTR...AFCRL-8600-00-01
PROJECT/TASK.....6600/08

AFCRL 68-0031
ENVIRONMENTAL SCIENCE SERVICES ADMIN
ELECTROMAGNETIC FIELDS IN A SPHERICAL CAVITY WITH A CONCENTRIC ANISOTROPIC SHELL SYSTEM
CANADIAN JOURNAL OF PHYSICS VOL 46 NO13 1505-1509 JULY 1 1968
OAR ACCESS NO.....756150-001
BY WAIT J R
LAYCE D B
DDC NUMBER.....AD677853
INSTR...PRO -00823-67
PROJECT/TASK.....5635/06

AFCRL 68-0032
BRANDEIS UNIVERSITY
STUDIES IN TRANSFORMATIONAL GRAMMAR AND RELATED TOPICS
FINAL REPORT JAN 1968
OAR ACCESS NO.....257670-002
BY ANDERSON S R
JACKENDOFF R S
KEYSER S J
DDC NUMBER.....AD668768
INSTR...AF-19(628)-05524
PROJECT/TASK.....5632/05

AFCRL 68-0033
SPERRY RAND RESEARCH CENTER
UTILITY OF QUANTIZED MODELS OF FADING FOR ERROR ANALYSIS
FINAL REPORT JAN 1968
OAR ACCESS NO.....259270-001
BY COHN M
DDC NUMBER.....AD665135
INSTR...F19628-67-C-0053
PROJECT/TASK.....4613/03

AFCRL 68-0035
UNIVERSITY OF ILLINOIS
COHERENCE OF LASER RADIATION
TECHNICAL REPORT NO 14 DEC 1967 ANTENNA LABORATORY NO 67-9
OAR ACCESS NO.....273130-009
BY MAYZIT Y N
DDC NUMBER.....AD668639
INSTR...AF-19(628)-04419
PROJECT/TASK.....5635/02

AFCRL 68-0036
UNIVERSITY OF MICHIGAN
SCATTERING BY A SPHERICAL SHELL WITH A CIRCULAR APERTURE
5568-7-T SCIENTIFIC REPORT NO 7 JAN 1968
OAR ACCESS NO.....272691-004
BY CHANG S
DDC NUMBER.....AD669471
INSTR...AF-19(628)-02374
PROJECT/TASK.....5635/02

AFCRL 68-0037
GENERAL ELECTRIC CO
STUDY TO OBTAIN DESIGN DATA FOR REENTRY COM ANTENNA SYSTEMS
GE REPORT NO 67SD7343 THIRD QUARTERLY TECHNICAL REPORT VOL 1 OF 2 DEC 1967
OAR ACCESS NO.....259820-004
BY BISHING P E
MCMENAMIN D L
JORDAN A R
DDC NUMBER.....AD828878
INSTR...F19628-67-C-0210
PROJECT/TASK.....8671/00

AFCRL 68-0038
GENERAL ELECTRIC COMPANY
STUDY TO OBTAIN DESIGN DATA FOR REENTRY COM ANTENNA SYSTEMS /U/
GE REPORT NO 67SD7343-A DEC 1967
OAR ACCESS NO.....259820-005
BY BISHING P E
JORDAN A R
KINKEAD W R
LANTZ N F
SCHEMER P M
DDC NUMBER.....AD391319
INSTR...F19628-67-C-0210
PROJECT/TASK.....8671/00

AFCRL 68-0040
UNIVERSITY OF MICHIGAN
INVESTIGATION OF REACTIVE LOADING FINAL REPORT JAN 1968
OAR ACCESS NO.....272691-005
BY SENLON T H A
LIEPA V V
DDC NUMBER.....AD828577
INSTR...AF-19(628)-02374
PROJECT/TASK.....5635/02

AFCRL 68-0041
INTERNATIONAL TELEPHONE AND TELEGRAPH CORP
RESEARCH ON INFRARED CELESTIAL BACKGROUNDS FINAL REPORT DEC 1967
OAR ACCESS NO.....750150-001
BY PRICE S D
DDC NUMBER.....AD671526
INSTR...AF-19(628)-05040
PROJECT/TASK.....4076/04

AFCRL 68-0042
AIR FORCE CAMBRIDGE RESEARCH LABORATORIES
NEAR INFRARED PHOTOMETRY OF LATE TYPE STARS
LMP NO 281 FEB 1968
OAR ACCESS NO.....256810-003
BY WALKER H G
DDC NUMBER.....AD669586
INSTR...AFCRL-0000-00-01
PROJECT/TASK.....0000/37

AFCRL 68-0043
UNIVERSITY OF WASHINGTON
STUDY ON PERIODIC STRUCTURES IN TOW PARTS
IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION ALSO FROM THE PROCEEDINGS OF THE IEEE
OAR ACCESS NO.....271662-003
BY SIGELMANN R A
DDC NUMBER.....AD668618
INSTR...AF-19(628)-05879
PROJECT/TASK.....4600/10

AFCRL 68-0044
COLUMBIA UNIVERSITY
EXPERIMENTAL INVESTIGATION OF PLASMA MICROINSTABILITIES IN CROSSED MAGNETIC AND AC ELECTRIC FIELDS
PLASMA LABORATORY REPORT NO 38 SCIENTIFIC REPORT NO 4 DEC 1967
OAR ACCESS NO.....261712-004
BY ANASTASSIADES A J
DDC NUMBER.....AD667548
INSTR...AF-19(628)-05832
PROJECT/TASK.....5635/04

AFCRL 68-0045
FAIRCHILD SEMICONDUCTER CORP
RADIATION STUDY ON MOS STRUCTURES
SCIENTIFIC REPORT NO 4 JAN 1968
OAR ACCESS NO.....259150-004
BY SNOW E H
FITZGERALD D J
DDC NUMBER.....AD666435
INSTR...AF-19(628)-05747
PROJECT/TASK.....4608/05

AFCRL 68-0046
INTERNATIONAL BUSINESS MACHINES CORP
PROGRAM SOLUTIONS TO SPACE SCIENCE PROBLEMS FINAL REPORT FEB 1968
OAR ACCESS NO.....750051-002
BY COURY L
DDC NUMBER.....AD666087
INSTR...AF-19(628)-06065
PROJECT/TASK.....0000/00

AFCRL 68-0047
AVCO CORP
INTERACTION OF THE EARTHS MAGNETIC FIELD WITH THE SOLAR WIND FINAL REPORT DEC 1967
DAR ACCESS NO.....259770-001
BY PARRICK R M
DDC NUMBER.....AD685442
INSTR...AF-19(628)-6685
PROJECT/TASK.....4600/03

AFCRL 68-0048
GENERAL ELECTRIC CO
NEW SOLID-STATE DEVICE CONCEPTS FINAL REPORT JAN 1968
DAR ACCESS NO.....264042-00F
BY AVEN M
GARBACKI R
HALL W N
RICHARDSON J D
DDC NUMBER.....AD686445
INSTR...AF-19(628)-4976
PROJECT/TASK.....4603/05

AFCRL 68-0049
HARVARD UNIVERSITY
A METHOD OF OBTAINING THE IMPEDANCE OF AN ANTENNA IN A DISSIPATIVE MEDIUM FROM THAT IN AIR
CRUFT LABORATORY SCIENTIFIC REPORT NO 1 FEB 1968
DAR ACCESS NO.....271082-001
BY IIZUKA K
DDC NUMBER.....AD687806
INSTR...F19628-68-C-0040
PROJECT/TASK.....5635/02

AFCRL 68-0050
BLOCK ENGINEERING INC
EXPERIMENTAL STUDY PROGRAM TO INVESTIGATE LIMITATIONS IN FOURIER SPECTROSCOPY FINAL REPORT JAN 1968
DAR ACCESS NO.....250840-001
BY COLEMAN J
MERTZ L M
DDC NUMBER.....AD685093
INSTR...F19628-67-C-0167
PROJECT/TASK.....8663/05

AFCRL 68-0051
UNIVERSITY OF NEW HAMPSHIRE
THE 11-YEAR SOLAR MODULATION OF COSMIC RAYS AS REDUCED FROM DEC 1967
ENERGIES
JOURNAL OF GEOPHYSICAL RESEARCH VOL 72 NO 23 5977-5989 1
DAR ACCESS NO.....263421-004
BY LOCKWOOD J A
WEBBER W R
DDC NUMBER.....AD686962
INSTR...AF-19(628)-2352
PROJECT/TASK.....6600/07

AFCRL 68-0052
AIR FORCE CAMBRIDGE RESEARCH LABS
RESONANT-REGION RADAR AND OTHER ANTICLUTTER TECHNIQUES FOR INSTRUMENTATION RADARS NO 138 FEB 1968
DAR ACCESS NO.....251210-005
BY SLETTEN C J
ELLIS C E
GOGGINS W B
BLACKSMITH P
PERRY C E
DDC NUMBER.....AD338822L
INSTR...AFCRL-5435-05-01
PROJECT/TASK.....5635/05

AFCRL 68-0053
BOLT BERANEK AND NEWMAN INC
ON MAN-COMPUTER INTERACTION A MODEL AND SOME RELATED ISSUES
SCIENTIFIC REPORT NO 1 JUN REPORT NO 1593 SEPT 1967
DAR ACCESS NO.....251081-001
BY CARBONELL J R
DDC NUMBER.....AD686865
INSTR...F1962R-6R-C-0125
PROJECT/TASK.....4668/00

AFCRL 68-0054
BOLT BERANEK AND NEWMAN INC
HUMAN FACTORS AND THE DESIGN OF TIME SHARING COMPUTER SYSTEMS
BBN REPORT NO 1570 SCIENTIFIC REPORT NO 2 NOV 1967
DAR ACCESS NO.....251081-002
BY NICKERSON R S
FEHRER J I
CARBONELL J R
DDC NUMBER.....AD686483
INSTR...F1962R-6R-C-0125
PROJECT/TASK.....4668/00

AFCRL 68-0055
BOLT BERANEK AND NEWMAN INC
SOME DISCUSSION AND EXTENSION OF MANFRED BIERWISCHS WORK ON GERMAN ADJECTIVALS
BBN REPORT NO 1568 SCIENTIFIC REPORT NO 1 NOV 1967
DAR ACCESS NO.....251081-003
BY TELLER P
DDC NUMBER.....AD686485
INSTR...F1962R-6R-C-0125
PROJECT/TASK.....4668/00

AFCRL 68-0056
BOLT BERANEK AND NEWMAN INC
A SEMANTIC ANALYSIS OF ENGLISH LOCATIVE PREPOSITIONS
BBN REPORT NO 1567 SCIENTIFIC REPORT NO 4 JAN 1968
DAR ACCESS NO.....251081-004
BY COOPER G S
DDC NUMBER.....AD686483
INSTR...F1962R-6R-C-0125
PROJECT/TASK.....4668/00

AFCRL 68-0057
AIR FORCE CAMBRIDGE RESEARCH LABS
SPECTROPHOTOMETRIC STANDARDS FOR THE 1962 TOTAL SOLAR ECLIPSE
INSTRUMENTATION PAPERS NO 139 FEB 1968
DAR ACCESS NO.....250350-002
BY OWRALL F G
DDC NUMBER.....AD686001
INSTR...AFCRL-7609-00-07
PROJECT/TASK.....7609/06

AFCRL 68-0058
GENERAL ELECTRIC COMPANY
STUDIES OF THERMIONIC ENERGY CONVERSION FINAL REPORT APR 1964
DAR ACCESS NO.....277081-001
BY HOUSTON J M
WEBSTER H F
DDC NUMBER.....AD676186
INSTR...AF-19(628)-2339
PROJECT/TASK.....4659/02

AFCRL 68-0059
BRANDEIS UNIVERSITY
QUANTUM STATISTICS OF COUPLED OSCILLATOR SYSTEMS
SCIENTIFIC REPORT NO 2 JAN 1968
DAR ACCESS NO.....260570-001
BY NULLEN H R
DDC NUMBER.....AD670885
INSTR...F19628-68-C-0062
PROJECT/TASK.....5634/08

AFCRL 68-0060
NEW YORK UNIVERSITY
ASYMPTOTIC SOLUTION OF INITIAL BOUNDARY-VALUE PROBLEMS FOR HYPERBOLIC SYSTEMS
PHILOSOPHICAL TRANSACTIONS OF THE ROYAL SOCIETY OF LONDON NO 1129 VOL 262 DEC 1967 PP387-411
DAR ACCESS NO.....269792-007
BY GRANOFF H
LEWIS R M
DDC NUMBER.....AD669135
INSTR...AF-19(628)-5065
PROJECT/TASK.....4603/02

AFCRL 68-0061
UNIVERSITY OF ROCHESTER
LOSSES IN RUBY LASERS THE SPHERICAL-MIRROR FABRY-PEROT INTERFEROMETER FINAL REPORT DEC 1967
DAR ACCESS NO.....257340-001
BY MERCHER M
NOSER A N
DDC NUMBER.....AD687561
INSTR...AF-19(628)-5105
PROJECT/TASK.....4640/02

AFCRL 68-0062
UNIVERSITY OF NEW HAMPSHIRE
THE RADIO INTERFEROMETER
ASL-67-A SCIENTIFIC REPORT NO 1 DEC 1967
DAR ACCESS NO.....258440-001
BY FROST A O
CLARK R R
DDC NUMBER.....AD686773
INSTR...AF-19(628)-5837
PROJECT/TASK.....5629/01

AFCRL 68-0063
COLUMBIA UNIVERSITY
STUDY OF A COMPUTER FOR DIRECT EXECUTION OF LIST PROCESSING LANGUAGE FINAL REPORT JAN 1968
DAR ACCESS NO.....269822-001
BY HASHKOW T N
KEOPT D
SASSON A
DDC NUMBER.....AD680398
INSTR...AF-19(628)-5064
PROJECT/TASK.....4661/02

AFCRL 68-0064
BRANDEIS UNIVERSITY
ON THE PHYSICAL REALITY OF ELECTROMAGNETIC POTENTIALS PHYSICS LETTERS VOL 25A NO 7 PP495-496 9 OCTOBER 1967
DAR ACCESS NO.....252871-007
BY GOLUB M
CANNICO J P
STEIN T S
WEISSKOPF M C
DDC NUMBER.....AD667015
INSTR...AF-19(628)-5833
PROJECT/TASK.....4645/02

AFCRL 68-0065
UNIVERSITY OF UTAH
ROCKET-BORNE INSTRUMENTATION TO DETERMINE AIR DENSITY BY RAYLEIGH-SCATTERED LIGHT
UU-68-1 SCIENTIFIC REPORT NO 1 JAN 1968
DAR ACCESS NO.....272132-001
BY HOBLETT L C
SWIGART J I
DDC NUMBER.....AD675607
INSTR...F19628-67-C-0347
PROJECT/TASK.....6690/01

AFCRL 68-0066
RADIO CORP OF AMERICA
FUNDAMENTALS OF THRESHOLD LOGIC
SCIENTIFIC REPORT NO 1 JAN 1968
DAR ACCESS NO.....268767-001
BY MINDER R D
DDC NUMBER.....AD686650
INSTR...F19628-68-C-0070
PROJECT/TASK.....5632/02

AFCRL 68-0067
PENNSYLVANIA STATE UNIVERSITY
MULTI-MODE WAVE COUPLING IN INHOMOGENEOUS ANISOTROPIC MEDIA - WITH SOME MAGNETOIONIC APPLICATIONS
SCIENTIFIC REPORT NO 295 APR 1967
BY HYDBECK O E M
DAR ACCESS NO.....267711-022
DDC NUMBER.....AD665475
INSTR...AF-19(628)-6801G
PROJECT/TASK.....8605/02

AFCRL 68-0068
AIR FORCE CAMBRIDGE RESEARCH LABS
/U/ ATMOSPHERIC DENSITY FROM DRAG ON LOW ALTITUDE SATELLITES REPORT 2
AFSG NO 202 FEB 1968
BY CHAMPION K S W
ALMASIAN M
DAR ACCESS NO.....256670-001
DDC NUMBER.....AD3H7488L
INSTR...AFCRL-6690-05-01
PROJECT/TASK.....6690/05

AFCRL 68-0070
INTERNATIONAL BUSINESS MACHINES CORP
SPECIFICATION AND UTILIZATION OF A TRANSFORMATIONAL GRAMMAR
SCIENTIFIC REPORT NO 2 OCT 1967
BY ROSENBAUM P S
ROBINSON J J
POSTAL P M
DAR ACCESS NO.....265802-003
DDC NUMBER.....AD667800
INSTR...AF-19(628)-5127
PROJECT/TASK.....4641/02

AFCRL 68-0071
STANFORD RESEARCH INSTITUTE
RADIATION AND RECEPTION OF ELECTROMAGNETIC ENERGY FROM AIRCRAFT AND GUIDED MISSILES FINAL REPORT DEC 1967
BY NANEVICZ J E
DAR ACCESS NO.....271592-005
DDC NUMBER.....AD830302
INSTR...AF-19(628)-5800
PROJECT/TASK.....4600/10

AFCRL 68-0072
UNIVERSITY OF MINNESOTA
STUDY OF COLLISION PROCESSES IN GASEOUS PLASMAS FINAL REPORT JAN 1968
BY OSKAM H J
DAR ACCESS NO.....251690-002
DDC NUMBER.....AD666946
INSTR...AF-19(628)-4796
PROJECT/TASK.....4642/03

AFCRL 68-0073
VICTORIA UNIVERSITY OF MANCHESTER
RELATIVE HEIGHTS OF PHOTOGRAPHIC FEATURES OF THE MOON FINAL REPORT NOV 1967
BY KOPAL Z
DAR ACCESS NO.....253741-002
DDC NUMBER.....AD840020
INSTR...AF-EOAR-0064-66
PROJECT/TASK.....8654/01

AFCRL 68-0074
ROYAL INSTITUTE OF TECHNOLOGY
ON THE FIRST EXCITED STATE OF NU SUPER PLUS
SCIENTIFIC REPORT NO 10 AUG 1967
BY SJOGREN H
SZABO I
DAR ACCESS NO.....251360-009
DDC NUMBER.....AD666028
INSTR...AF-61(052)-00762
PROJECT/TASK.....7635/04

AFCRL 68-0075
ROYAL INSTITUTE OF TECHNOLOGY
IONIZATION FRAGMENTATION AND ION-MOLECULE REACTIONS OF NH SUM THREE AFTER ION IMPACT
SCIENTIFIC REPORT NO 9 AUG 1967
BY SAHLSTROM G
SZABO I
DAR ACCESS NO.....251160-010
DDC NUMBER.....AD840027
INSTR...AF-61(052)-00762
PROJECT/TASK.....7635/04

AFCRL 68-0076
ROYAL INSTITUTE OF TECHNOLOGY
CHARGE EXCHANGE PROCESSES FINAL REPORT AUG 1967
BY LUNDHOLM E
DAR ACCESS NO.....251360-011
DDC NUMBER.....AD666024
INSTR...AF-61(052)-00762
PROJECT/TASK.....7635/04

AFCRL 68-0077
RYDPECK RESEARCH ASSOCIATES
PROPAGATION OF LOW AND HIGH POWER RADIO WAVES IN IONIZED
BY RYDPECK O E M
DAR ACCESS NO.....250481-004
DDC NUMBER.....AD840457
INSTR...AF-61(052)-00868
PROJECT/TASK.....4603/02

AFCRL 68-0078
UNIVERSITAT HAMBURG
SPECTROPHOTOMETRY OF GALACTIC NEBULAE INTERNAL CAPACITY AND INTERNAL MASS STRUCTURE OF HII EMISSION REGIONS FINAL REPORT NOV 1967
BY WU94 K A
DAR ACCESS NO.....251461-002
DDC NUMBER.....AD666541
INSTR...AF-61(052)-00810
PROJECT/TASK.....8635/01

AFCRL 68-0079
UNIVERSITY OF ILLINOIS
A MODIFIED RESIDUE CALCULUS TECHNIQUE
TECHNICAL REPORT NO 15 JAN 1969 ANTENNA LABORATORY NO 68-1
BY MITTRA R
LEE S W
VANVLARICUM G P JR
DAR ACCESS NO.....273130-010
DDC NUMBER.....AD666670
INSTR...AF-19(628)03819
PROJECT/TASK.....5635/02

AFCRL 68-0080
SYSTEM DEVELOPMENT CORP
DERIVATION-BOUNDED LANGUAGES
TM-738/041/00 JAN 1968 SCIENTIFIC REPORT NO 16
BY GINSBURG S
SPANIER E H
DAR ACCESS NO.....259403-013
DDC NUMBER.....AD668087
INSTR...F19628-67-C-0008
PROJECT/TASK.....5632/05

AFCRL 68-0081
SYSTEM DEVELOPMENT CORP
TWO-WAY HALLOON AUTOMATA AND AFL
TM-738/042/00 SCIENTIFIC REPORT NO 15 JAN 1968
BY GINSBURG S
HOPCROFT J
DAR ACCESS NO.....259400-014
DDC NUMBER.....AD668088
INSTR...F19628-67-C-0008
PROJECT/TASK.....5632/05

AFCRL 68-0082
SINGER INC
RESEARCH STUDIES AND INVESTIGATION OF METEOROLOGICAL PHENOMENA FINAL REPORT APR 1968
BY SIAG C Y
SOUZA A F
SABUAGH F N
AHERN E T
DAR ACCESS NO.....252580-001
DDC NUMBER.....AD669098
INSTR...AF-19(628)05029
PROJECT/TASK.....7605/01

AFCRL 68-0083
STANFORD RESEARCH INSTITUTE
MULTIPACTOR DISCHARGE EXPERIMENTS
SCIENTIFIC REPORT 5 SRI PROJECT 3359 DEC 1967
BY VANCE E F
NANEVICZ J E
DAR ACCESS NO.....271592-006
DDC NUMBER.....AD830314
INSTR...AF-19(628)-5800
PROJECT/TASK.....4600/10

AFCRL 68-0084
NEW YORK UNIVERSITY
SOLUTION TO THE PHENOMENOLOGICAL PROBLEM OF A MAGNETIC LINE SOURCE ABOVE [illegible] STRUCTURE THAT SUPPORTS N-EXCITED MODES
SIAM JOURNAL APPLIED MATHEMATICS VOL 15 NO 6 NOV 1967
PP1362-1377
BY MORGAN M G
KAHAL F C
KARP S N
DAR ACCESS NO.....263491-009
DDC NUMBER.....AD667752
INSTR...AF-19(628)03868
PROJECT/TASK.....5635/01

68-0085
BOLT BERANEK AND NEWMAN INC
A PHONOLOGICAL RULE TESTER
BBN REPORT NO 1589 SCIENTIFIC REPORT NO 5 JAN 1968
BY HOOPER D G
FRASER J M
DAR ACCESS NO.....251681-005
DDC NUMBER.....AD669348
INSTR...F19628-68-C-0179
PROJECT/TASK.....8668/00

AFCRL 68-0086
LITTON SYSTEMS INC
EXPERIMENTAL STUDY OF VOLTAGE BREAKDOWN CHARACTERISTICS OF TRANSMITTING ANTENNAS
ATD-11-67-049 DEC 1967 QUARTERLY TECHNICAL REPORT NO 2
BY WARDEN P C JR
ROSEN R M
RAMSLO A S
DAR ACCESS NO.....260300-002
DDC NUMBER.....AD678547
INSTR...F19628-68-C-0001
PROJECT/TASK.....8671/00

AFCRL 68-0087
RAYSAM CORP
DEVELOPMENT OF A BALLOON TO REACH 60 000 FEET AT 2 000 FEET PER MINUTE FINAL REPORT DEC 1967
BY NELSON F
DAR ACCESS NO.....259700-001
DDC NUMBER.....AD662582
INSTR...F19628-67-C-0141
PROJECT/TASK.....8682/08

AFCRL 68-0088
WOLF RESEARCH AND DEVELOPMENT CORP
GEOMETRIC STATION AND TRAJECTORY ESTIMATION FINAL REPORT FEB 1968
OAR ACCESS NO.....755400-001
BY MASSIGLIA P M — DOC NUMBER.....AD668530
INSTR...F19628-67-C-0221
PROJECT/TASK.....7600/03

AFCRL 68-0089
AIR FORCE CAMBRIDGE RESEARCH LABS
CUPROUS CHLORIDE IN HYDROCHLORIC ACID ANALYSIS AND SOLUBILITY
PSRP NO 352 FEB 1968
OAR ACCESS NO.....256450-001
BY O CONNOR J J — DOC NUMBER.....AD668093
THOMASIAN A — INSTR...AFCRL-68-0-02
ARMINGTON A F — PROJECT/TASK.....5620/05

AFCRL 68-0090
UNIVERSITY OF CALIFORNIA
COLORIMETRIC DESCRIPTION OF RADIATION EMERGING FROM THE TOP OF A RAYLEIGH ATMOSPHERE
SCIENTIFIC REPORT NO 2 APR 1968
OAR ACCESS NO.....261A33-007
BY HAO N C H — DOC NUMBER.....AD672308
INSTR...F19628-67-C-0190
PROJECT/TASK.....7621/03

AFCRL 68-0091
MANLABS INC
PHYSICAL CHARACTERIZATION OF ELECTRONIC MATERIALS DEVICES AND THIN FILMS
SCIENTIFIC REPORT NO 1 JAN 1968
OAR ACCESS NO.....250602-001
BY PETERS L T — DOC NUMBER.....AD667547
INSTR...F19628-67-C-0173
PROJECT/TASK.....5620/03

AFCRL 68-0092
PANEL MATHEMATICAL LABS
ON A FAMILY OF ERROR CORRECTING AND SYNCHRONIZABLE CODES
SCIENTIFIC REPORT NO 4 FEB 1968
OAR ACCESS NO.....272582-006
BY HATCHER T — DOC NUMBER.....AD667802
INSTR...F19628-67-C-0030
PROJECT/TASK.....5628/01

AFCRL 68-0093
NEW YORK UNIVERSITY
RELATION BETWEEN CREEPING WAVES AND LATERAL WAVES ON A CURVED INTERFACE
JOURNAL OF MATHEMATICAL PHYSICS VOL 8 NO 9 SEP 1967 PP 1785-1793
OAR ACCESS NO.....263691-010
BY RUDE O — DOC NUMBER.....AD667751
INSTR...AF-19(628)-3868
PROJECT/TASK.....5635/01

AFCRL 68-0094
UNIVERSITY OF ROCHESTER
PHOTOELECTRIC CORRELATION MEASUREMENTS WITH TIME-TO-AMPLITUDE CONVERTERS
JOURNAL OF APPLIED PHYSICS VOL 39 NO 1 JAN 1968 PP62-66
OAR ACCESS NO.....251280-007
BY DAVIDSON F — DOC NUMBER.....AD668411
MANDEL L — INSTR...AF-19(628)-5052
PROJECT/TASK.....4645/02

AFCRL 68-0095
STANFORD UNIVERSITY
WAVE-FRONT OBSERVATIONS AT 35 GHZ ON A LINE-OF-SIGHT RADIO-WAVE PROPAGATION PATH FINAL REPORT DEC 1967
OAR ACCESS NO.....251780-001
BY LEE R W — DOC NUMBER.....AD669101
WATCHMAN A T JR — INSTR...AF-19(628)-5054
PROJECT/TASK.....4607/01

AFCRL 68-0097
AIR FORCE CAMBRIDGE RESEARCH LABORATORIES
PROCEEDINGS AFCRL TETHERED BALLOON WORKSHOP 1967
SPECIAL REPORTS NO 72 MAR 1968
OAR ACCESS NO.....296260-004
BY KELLY T W — DOC NUMBER.....AD670037
INSTR...AFCRL-68-0-01-01
PROJECT/TASK.....6665/01

AFCRL 68-0098
BOSTON UNIVERSITY
A WORLD-WIDE INVESTIGATION OF THE MID-LATITUDE EVENING INCREASE OF THE F SUB 2 F SUB 2 IN THE SUMMER HEMISPHERE
FINAL REPORT JAN 1968
OAR ACCESS NO.....250920-004
BY PAPAGIANNIS M D — DOC NUMBER.....AD667561
MULTANEN M — INSTR...AF-19(628)-02350
PROJECT/TASK.....5629/01

AFCRL 68-0099
BOSTON UNIVERSITY
RAY-TRACING OF THE Z-MODE IN A TILTED LAYER IONOSPHERE
FINAL REPORT JAN 1968
OAR ACCESS NO.....250920-005
BY PAPAGIANNIS M D — DOC NUMBER.....AD667542
MILLER D L — INSTR...AF-19(628)-02350
PROJECT/TASK.....5629/01

AFCRL 68-0100
BOSTON UNIVERSITY
A STUDY OF SOLAR RADIO BURSTS IN THE 3.4 TO 50 CM RANGE AND THEIR CORRELATION TO SCNA EVENTS FINAL REPORT JAN 1968
OAR ACCESS NO.....250920-006
BY STRAUSS F M — DOC NUMBER.....AD667543
PAPAGIANNIS M D — INSTR...AF-19(628)-02350
PROJECT/TASK.....5629/01

AFCRL 68-0101
LITTON SYSTEMS INC
STUDY OF THERMIONIC CONVERTER ELECTRODE SURFACES USING THE ELECTRON MIRROR MICROSCOPE
OAR ACCESS NO.....252760-001
BY MAFFITT K N — DOC NUMBER.....AD668530
INSTR...AF-19(628)-04302
PROJECT/TASK.....8659/02

AFCRL 68-0102
ELECTRO/MECHANICS CO
STUDY OF TECHNIQUES FOR GEOMAGNETIC FIELD MEASURING RECORDING AND AUTOMATIC RECORD DIGITIZING FINAL REPORT FEB 1968
OAR ACCESS NO.....761302-003
BY WATERS R L — DOC NUMBER.....AD830065L
MORRIS F J — INSTR...AF-19(628)-06151
PROJECT/TASK.....8601/02

AFCRL 68-0103
POLYTECHNIC INSTITUTE OF BROOKLYN
A THEORETICAL AND EXPERIMENTAL [illegible] PROGRAM IN ELECTRO-MAGNETIC FIELDS WITH EMPHASIS ON TEMPORAL AND SPATIAL NETWORKS FINAL REPORT FEB 1968
OAR ACCESS NO.....PA5251-007
BY FELSEN L M — DOC NUMBER.....AD670547
INSTR...AF-19(628)-02357
PROJECT/TASK.....5635/04

AFCRL 68-0105
UNIVERSITY OF DENVER
COMPARISON BETWEEN EXPERIMENTAL AND CALCULATED SPECTRA OF CARBON DIOXIDE AND WATER VAPOR
SCIENTIFIC REPORT NO 7 FEB 1968
OAR ACCESS NO.....272541-007
BY KYLE T G — DOC NUMBER.....AD666929
INSTR...AF-19(628)-05207
PROJECT/TASK.....8662/01

AFCRL 68-0106
LOWELL TECHNOLOGICAL INSTITUTE
AIRBORNE MEASUREMENTS OF THE IONOSPHERE FINAL REPORT JAN 1968
OAR ACCESS NO.....267092-002
BY BIEL K — DOC NUMBER.....AD675133
BUCHAU J — INSTR...AF-19(628)-04801
HERMAN J H — PROJECT/TASK.....5631/14
PIKE P C JR
HEINISCH H

AFCRL 68-0107
SPERRY RAND RESEARCH CENTER
A FEASIBILITY AND DESIGN STUDY FOR AN AIRBORNE RADIOMETRIC SYSTEM TO MEASURE REMOTELY THE VERTICAL PROFILE OF TEMPERATURE HUMIDITY AND PRESSURE FINAL REPORT FEB 1968
OAR ACCESS NO.....258950-001
BY MOUNT R D — DOC NUMBER.....AD668066
FOW H H — INSTR...AF-19(628)-06133
PROJECT/TASK.....6020/03

AFCRL 68-0108
BOSTON UNIVERSITY
THEORETICAL STUDY OF THE INTERACTION OF RADIATION AND MATTER IN GASEOUS AND SOLID LASERS FINAL REPORT FEB 1968
OAR ACCESS NO.....293381-001
BY WILLIS C H — DOC NUMBER.....AD669280
INSTR...AF-19(628)-05671
PROJECT/TASK.....4645/02

AFCRL 68-0109
MANLABS INC
THERMODYNAMIC STUDY OF SYNTHESIS OF NEW COMPOUND PHASES UNDER HIGH PRESSURE FINAL REPORT FEB 1968
OAR ACCESS NO.....256240-002
BY DOUGHERTY P V — DOC NUMBER.....AD670361
KAUFMAN L — INSTR...AF-19(628)-05745
PROJECT/TASK.....5620/05

AFCRL 68-0110
SYRACUSE UNIV RESEARCH INSTITUTE
DESIGN AND DEVELOPMENT OF PARTIALLY UNIFORM ARRAYS FINAL REPORT FEB 1968
BY STRAIT H J
OAR ACCESS NO.....298670-005
DDC NUMBER.....AD667801
INSTR...AF-19(628)5082
PROJECT/TASK.....8683/03

AFCRL 68-0111
NEW YORK UNIVERSITY
NETWORK FUNCTION SYNTHESIS USING NON-IDEAL GROUNDED AMPLIFIERS AND NC ONE-PORTS TECHNICAL REPORT 400-179 NINTH SCIENTIFIC REPORT DEC 1967
BY GOLDMAN M
GHAUSI M S
OAR ACCESS NO.....250911-009
DDC NUMBER.....AD669374
INSTR...AF-19(628)5537
PROJECT/TASK.....5628/00

AFCRL 68-0112
CORNELL UNIVERSITY
STIMULATED BRILLOUIN SCATTERING FINAL REPORT FEB 1968
BY WALDER J
OAR ACCESS NO.....257980-004
DDC NUMBER.....AD670418
INSTR...AF-19(628)5677
PROJECT/TASK.....4665/02

AFCRL 68-0113
STANFORD RESEARCH INSTITUTE
PROGRAMMABLE-LOGIC ARRAYS ELECTRONICS PP90-95 DEC 11 1967 SRI PROJECT 5876
BY WAHLSTROM S E
OAR ACCESS NO.....251931-005
DDC NUMBER.....AD667896
INSTR...AF-19(628)5828
PROJECT/TASK.....4661/01

AFCRL 68-0115
WEIZMANN INSTITUTE OF SCIENCE
RESOLUTION AND NOISE IN FOURIER SPECTROSCOPY SCIENTIFIC REPORT NO 10 AUG 1967
BY JACOBI N
OAR ACCESS NO.....273351-002
DDC NUMBER.....AD668525
INSTR...AF-61(052)-00838
PROJECT/TASK.....8603/03

AFCRL 68-0116
FEDERAL SCIENTIFIC RESEARCH CORP
MODIFICATION OF THE MODEL 254C SIMORAMIC DOUBLE-SPECTRUM /SPECTRUM/ ANALYZER FOR IMPROVED EXTRACTION OF PITCH DATA
BY WEISS M R
OAR ACCESS NO.....251821-001
DDC NUMBER.....AD831090
INSTR...AF-19(628)5913
PROJECT/TASK.....4610/02

AFCRL 68-0117
NEW YORK UNIVERSITY
INVESTIGATION OF NETWORK REALIZABILITY II FINAL REPORT FEB 1968
BY GHAUSI M S
OAR ACCESS NO.....250911-010
DDC NUMBER.....AD686434
INSTR...AF-19(628)5537
PROJECT/TASK.....5623/06

AFCRL 68-0118
GRADUATE RSCH CENTER OF THE SOUTHWEST
INFRARED ABSORPTION PROGRAM FINAL REPORT FEB 1968
BY PLASS G N
OAR ACCESS NO.....251050-008
DDC NUMBER.....AD667214
INSTR...AF-19(628)5039
PROJECT/TASK.....4076/08

AFCRL 68-0119
HUGHES AIRCRAFT COMPANY
ANTENNA PROCESSING FOR SURFACE TARGET DETECTION SCIENTIFIC REPORT NO 1 P65-35 FEB 1968
BY YOUNG G O
OAR ACCESS NO.....252281-002
DDC NUMBER.....AD670188
INSTR...F19620-68-C-0082
PROJECT/TASK.....5635/06

AFCRL 68-0120
BOLT BERANEK AND NEWMAN INC
ON THE PSYCHOLOGICAL IMPORTANCE OF TIME IN A TIME SHARING SYSTEM
SCIENTIFIC REPORT NO 6 BBN REPORT NO 1687 SEPT 1967
BY CARDWELL J R
ELKIND J I
NICKERSON R S
OAR ACCESS NO.....251601-006
DDC NUMBER.....AD670604
INSTR...F19620-68-C-0125
PROJECT/TASK.....8663/00

AFCRL 68-0121
UNIVERSITY OF SASKATCHEWAN
ABUNDANCE OF METALLIC ATOMS IN THE ATMOSPHERE ANNALES DE GEOPHYSIQUE VOL 22 NO 2 PP 134-137 1966
BY VALLANCE JONES A
OAR ACCESS NO.....250491-002
DDC NUMBER.....AD670118
INSTR...AF-19(628)5670
PROJECT/TASK.....7661/01

AFCRL 68-0122
HEWLETT PACKARD CO
INVESTIGATION OF SEMICONDUCTOR SCHOTTKY BARRIERS FOR OPTICAL DETECTION AND CATHODIC EMISSION SCIENTIFIC REPORT NO 1 MAR 1968
BY ARCHER R J
COHEN J
VILMS J
OAR ACCESS NO.....250901-001
DDC NUMBER.....AD670183
INSTR...F19628-68-C-0090
PROJECT/TASK.....5621/07

AFCRL 68-0123
GOODYEAR AEROSPACE CORP
WIND TUNNEL TESTS OF NATURAL SHAPE BALLOON MODEL GER 13731 MAR 1968 SCIENTIFIC REPORT NO 1
BY SHERBURNE P A
OAR ACCESS NO.....259370-001
DDC NUMBER.....AD667563
INSTR...F19628-67-C-0145
PROJECT/TASK.....8680/00

AFCRL 68-0124
RADIATION RESEARCH ASSOCIATES INC
ATMOSPHERIC PATH RADIANCE CALCULATIONS FOR A MODEL ATMOSPHERE
RRA-M82 [illegible] 1968 SCIENTIFIC REPORT NO 1
BY COLLINS D G
OAR ACCESS NO.....756170-001
DDC NUMBER.....AD668462
INSTR...F19628-67-C-0298
PROJECT/TASK.....7621/07

AFCRL 68-0125
DARTMOUTH COLLEGE
STUDIES OF SPATIAL IRREGULARITIES IN THE IONOSPHERE AND THEIR VARIATIONS WITH TIME FINAL REPORT FEB 1968
BY MORGAN M G
OAR ACCESS NO.....263742-001
DDC NUMBER.....AD670185
INSTR...AF-19(628)4959
PROJECT/TASK.....4603/13

AFCRL 68-0126
OHIO STATE UNIVERSITY
SPECTROSCOPY IN THE FAR INFRARED REGION FINAL REPORT JAN 1968
BY BELL E E
OAR ACCESS NO.....261811-001
DDC NUMBER.....AD668560
INSTR...AF-19(628)5098
PROJECT/TASK.....8603/01

AFCRL 68-0127
YESHIVA UNIVERSITY
MODULAR VARIABLES IN QUANTUM THEORY FINAL REPORT NOV 1967
BY AHARONOV Y
PETERSEN A
OAR ACCESS NO.....257320-001
DDC NUMBER.....AD668099
INSTR...AF-19(628)5143
PROJECT/TASK.....5638/06

AFCRL 68-0128
ADAMS ASSOCIATES INC
DEVELOPMENT OF HIERARCHICAL GRAPHICAL LOGICAL ENTITY CAPABILITIES ENTITY TABLE DESIGN FINAL REPORT FEB 1968
BY CHASE E N
WESTLAKE D A
OAR ACCESS NO.....251011-001
DDC NUMBER.....AD668426
INSTR...AF-19(628)5098
PROJECT/TASK.....4648/07

AFCRL 68-0129
ADAMS ASSOCIATES INC
DEVELOPMENT OF HIERARCHICAL GRAPHICAL LOGICAL ENTITY CAPABILITIES DISPLAY SYSTEM PROGRAM MANUAL FINAL REPORT FEB 1968
BY CHASE E N
WESTLAKE D A
OAR ACCESS NO.....251011-002
DDC NUMBER.....AD668428
INSTR...AF-19(628)5098
PROJECT/TASK.....4648/07

AFCRL 68-0130
ADAMS ASSOCIATES INC
DEVELOPMENT OF HIERARCHICAL GRAPHICAL LOGICAL ENTITY CAPABILITIES DISPLAY SYSTEM OPERATORS MANUAL FINAL REPORT FEB 1968
BY CHASE E N
WESTLAKE D A
OAR ACCESS NO.....251011-003
DDC NUMBER.....AD668425
INSTR...AF-19(628)5098
PROJECT/TASK.....4648/07

AFCRL 68-0131
ADAMS ASSOCIATES INC
DEVELOPMENT OF HIERARCHICAL GRAPHICAL LOGICAL ENTITY CAPABILITIES TIME-SHARING INPUT-OUTPUT EXECUTIVE /IOX/ PROGRAMMERS MANUAL FINAL REPORT FEB 1968
BY CHASE E N
WESTLAKE D A
OAR ACCESS NO.....251011-004
DDC NUMBER.....AD668427
INSTR...AF-19(628)5098
PROJECT/TASK.....4648/07

AFCRL 68-0132
SPACE DATA CORPORATION
METEOROLOGICAL PROOF PWN-60 QUALIFICATION PROGRAM FINAL REPORT FEB 1968

DAR ACCESS NO.....764490-001
BY MOLLENHANN D — DOC NUMBER.....AD668569
WALKER H L — INSTR...AF-19(628)05921
PROJECT/TASK.....8682/06

AFCRL 68-0133
AIR FORCE CAMBRIDGE RESEARCH LABORATORIES
PLAYA SURFACE MORPHOLOGY MISCELLANEOUS INVESTIGATIONS ERP NO 283 MARCH 1968

DAR ACCESS NO.....255730-002
BY NEAL J T — DOC NUMBER.....AD669094
INSTR...AFCRL-68(3)-02-01
PROJECT/TASK.....8623/02

AFCRL 68-0134
AIR FORCE CAMBRIDGE RESEARCH LABS
ELECTRIC FIELD IN THE IONOSPHERE A THEORY OF ITS ORIGIN AND EFFECT
MARCH 1968 ERP NO 282

DAR ACCESS NO.....255900-002
BY SEN H K — DOC NUMBER.....AD668092
INSTR...AFCRL-68(7)-01-01
PROJECT/TASK.....8647/01

AFCRL 68-0135
FAIRLEIGH DICKINSON UNIVERSITY
INVESTIGATION OF FAR INFRARED TORSIONAL VIBRATIONS FINAL REPORT MAR 1968

DAR ACCESS NO.....253490-001
BY MUELLER K O — DOC NUMBER.....AD668788
INSTR...AF-19(628)06316
PROJECT/TASK.....5634/08

AFCRL 68-0136
NORWEGIAN DEFENSE RESEARCH ESTABLISHMENT
ACOUSTOELECTRIC EFFECTS IN SOLIDS FINAL REPORT OCT 1967

DAR ACCESS NO.....258340-004
BY RANNESTAD A — DOC NUMBER.....AD668503
INSTR...AF-61(052)00958
PROJECT/TASK.....8683/01

AFCRL 68-0136
NORWEGIAN DEFENCE RESEARCH ESTABLISHMENT
ACOUSTOELECTRIC EFFECTS IN SOLIDS FINAL REPORT OCT 1967

DAR ACCESS NO.....258340-006
BY RANNESTAD A — DOC NUMBER.....AD668503
INSTR...AF-61(052)00958
PROJECT/TASK.....8683/01

AFCRL 68-0137
NEW YORK UNIVERSITY
QUANTUM-MECHANICAL CALCULATIONS ON THE N2 PLUS O REACTION FINAL REPORT FEB 1968

DAR ACCESS NO.....258420-001
BY BURNELL L — DOC NUMBER.....AD669516
INSTR...AF-19(628)05729
PROJECT/TASK.....7635/01

AFCRL 68-0138
AIR FORCE CAMBRIDGE RESEARCH LABS
A PROPOSED INDEX FOR MEASURING IONOSPHERIC SCINTILLATIONS ERP NO 298 MAR 1968

DAR ACCESS NO.....254130-013
BY WHITNEY H E — DOC NUMBER.....AD669305
MALIK C — INSTR...AFCRL-68(3)-02-01
PROJECT/TASK.....4643/02

AFCRL 68-0139
AVCO CORP
INVESTIGATION OF REDUCTION OF RADAR CROSS SECTION BY A FEEDBACK METHOD /U/
SECOND QUARTERLY REPORT DEC 1967

DAR ACCESS NO.....760320-301
BY CHARLTON T E — DOC NUMBER.....AD388761
INSTR...F19628-67-C-0360
PROJECT/TASK.....8675/00

AFCRL 68-0140
AIR FORCE CAMBRIDGE RESEARCH LABORATORIES
PLASMA CONTAINMENT IN A MINIMUM-B GEOMETRY
RSRD NO 301 MAR 1968

DAR ACCESS NO.....256030-002
BY GALLAGHER C C — DOC NUMBER.....AD669081
COMBES L S — INSTR...AFCRL-68(3)-02-01
LEVINE M A — PROJECT/TASK.....8608/02

AFCRL 68-0141
AIR FORCE CAMBRIDGE RESEARCH LABORATORIES
WAVE PROPAGATION IN MATERIALS HAVING FREQUENCY DEPENDENT RHEOLOGICAL PROPERTIES
RSRM NO 358 MAR 1968

DAR ACCESS NO.....256070-002
BY THOMSON K C — DOC NUMBER.....AD669082
INSTR...AFCRL-7639-08-01
PROJECT/TASK.....7639/08

AFCRL 68-0142
TYCO LABORATORIES INC
SOLUBILITY AND COMPLEX FORMATION EQUILIBRIA OF SILVER CHLORIDE IN PROPYLENE CARBONATE
ANALYTICAL CHEMISTRY VOL 39 NO 14 PP1799-1804 DEC 1967

DAR ACCESS NO.....259780-001
BY BUTLER J N — DOC NUMBER.....AD668747
INSTR...AF-19(628)06131
PROJECT/TASK.....8659/04

AFCRL 68-0143
SANDERS ASSOCIATES INC
STUDIES OF NITRIC OXIDE CHEMILUMINESCENCE USING BOUNDARY LAYER APPROXIMATIONS FINAL REPORT APR 1968

DAR ACCESS NO.....259440-001
BY GOOD R E — DOC NUMBER.....AD669582
HILL J A — INSTR...F19628-67-C-0025
SILVER L — PROJECT/TASK.....5633/10

AFCRL 68-0144
SPERRY RAND CORP
UNIVERSAL FUNCTIONS
SCIENTIFIC REPORT NO 1 APR 1969

DAR ACCESS NO.....265433-001
BY ELLISON J T — DOC NUMBER.....AD669849
INSTR...F19628-67-C-0386
PROJECT/TASK.....8681/05

AFCRL 68-0145
CORNELL AERONAUTICAL LABORATORY INC
EXPERIMENTAL STUDIES OF PULSED MICROWAVE BREAKDOWN EFFECTS IN A HYPERSONIC AIR PLASMA FINAL REPORT FEB 1965

DAR ACCESS NO.....268621-002
BY BOYER D W — DOC NUMBER.....AD838636
DITTKOFER D N — INSTR...AF-19(628)04968
NEUBAUER R A — PROJECT/TASK.....4642/02

AFCRL 68-0147
ELECTRONIC ASSOCIATES INC
RESEARCH AND DEVELOPMENT OF PARALLEL-HYBRID MODELS
SCIENTIFIC REPORT NO 3 MAR 1968

DAR ACCESS NO.....752400-003
BY MASLO H M — DOC NUMBER.....AD669107
INSTR...AF-19(628)05043

AFCRL 68-0148
STANFORD RESEARCH INSTITUTE
THEORY OF CELLULAR LOGIC NETWORKS AND MACHINES FINAL REPORT JAN 1968

DAR ACCESS NO.....258630-002
BY ELSPAS B — DOC NUMBER.....AD669825
TURNER J M — INSTR...AF-19(628)05903
PROJECT/TASK.....4641/01

AFCRL 68-0149
UNIVERSITY OF MINNESOTA
TRANSPORT OF CHARGED PARTICLES THROUGH GASES AND PLASMAS FINAL REPORT MAR 1968

DAR ACCESS NO.....266561-001
BY OSKAM H J — DOC NUMBER.....AD670176
INSTR...AF-19(628)05814
PROJECT/TASK.....8659/02

AFCRL 68-0150
SIGNATRON INC
AN INVESTIGATION OF QUANTIZATION TECHNIQUES FINAL REPORT FEB 1968

DAR ACCESS NO.....257871-001
BY GISH H — DOC NUMBER.....AD669097
INSTR...F19628-67-C-0122
PROJECT/TASK.....8681/02

AFCRL 68-0151
NEW YORK UNIVERSITY
RESEARCH ON THE PREPARATION OF PURE METALS FINAL REPORT FEB 1968

DAR ACCESS NO.....267821-001
BY BRENNER W — DOC NUMBER.....AD674766
OKAMOTO Y — INSTR...AF-19(628)02359
PROJECT/TASK.....5620/05

AFCRL 68-0152
AIR FORCE CAMBRIDGE RESEARCH LABORATORIES
AN EXPERIMENTAL STUDY OF SIMULATED PLASMA-COVERED SLOTS
PSRP NO 355 MAR 1968
DAR ACCESS NO.....257620-020
BY KARAS N V — DDC NUMBER.....AD669004
ANTONUCCI J D — INSTR...AFCRL-68-0-01
PROJECT/TASK.....8662/02

AFCRL 68-0153
AIR FORCE CAMBRIDGE RESEARCH LABORATORIES
UV VISIBLE AND IR ATTENUATION FOR ALTITUDES TO 50 KM 1968
ENP NO 285 APR 1968
DAR ACCESS NO.....255270-003
BY ELTERMAN L — DDC NUMBER.....AD671933
INSTR...AFCRL-7670-04-01
PROJECT/TASK.....7670/04

AFCRL 68-0154
AIR FORCE CAMBRIDGE RESEARCH LABORATORIES
ERROR ANALYSIS OF THE HUMIDITY-TEMPERATURE MEASURING
SET AN/TMQ-11
IP NO 140 MAR 1968
DAR ACCESS NO.....256400-002
BY WEISS H D — DDC NUMBER.....AD669095
INSTR...AFCRL-68-0-05-01
PROJECT/TASK.....6670/05

AFCRL 68-0155
STANFORD RESEARCH INSTITUTE
ROCKET ANTENNA MULTIPACTOR BREAKDOWN UNDER DYNAMIC PRESSURE
CONDITIONS
SCIENTIFIC REPORT 6 SRI PROJECT 5359 DEC 1967
DAR ACCESS NO.....271592-007
BY AUGUST G — DDC NUMBER.....AD831680
NANEVICZ J E — INSTR...AF-19(628)-5000
CHOBN J H — PROJECT/TASK.....4600/10

AFCRL 68-0156
STANFORD RESEARCH INSTITUTE
SRI EXPERIMENTS ON AFCRL NIKE-CAJUN ROCKET AD 6 882 AND ON
TRAILBLAZER II
SCIENTIFIC REPORT 8 SRI PROJECT 5359 DEC 1967
DAR ACCESS NO.....271592-008
BY NANEVICZ J E — DDC NUMBER.....AD831681
CHOBN J B — INSTR...AF-19(628)-5000
PROJECT/TASK.....4600/10

AFCRL 68-0157
UNIVERSITY OF SASKATCHEWAN
BALLOON-BORNE OBSERVATIONS OF BRIGHTNESS VARIATIONS IN THE
1.27 MICRON BAND OF OXYGEN IN THE DAY AND TWILIGHT
AIRGLOW FINAL REPORT JAN 1967
DAR ACCESS NO.....250491-001
BY EVANS W F J — DDC NUMBER.....AD673744
LLEWELLYN E J — INSTR...AF-19(628)-5720
VALLANCE JONES A — PROJECT/TASK.....7661/01

AFCRL 68-0158
OHIO STATE UNIVERSITY RESEARCH FOUNDATION
SOLUTION OF THE GEODETIC BOUNDARY-VALUE PROBLEM IN CASE OF
A REFERENCE ELLIPSOID
REPORT NO 104 SCIENTIFIC REPORT NO 20 APR 1968
DAR ACCESS NO.....272252-017
BY KOCH K R — DDC NUMBER.....AD676301
INSTR...AF-19(628)-5701
PROJECT/TASK.....7600/02

AFCRL 68-0159
SYSTEM DEVELOPMENT CORP
SCATTERED CONTEXT GRAMMARS
TM-738/043/00 SCIENTIFIC REPORT NO 16 FEB 1968
DAR ACCESS NO.....259400-015
BY GREIBACH S — DDC NUMBER.....AD668084
HOPCROFT J — INSTR...F19628-67-C-0004
PROJECT/TASK.....5632/05

AFCRL 68-0160
TYCO LABORATORIES INC
THE CATALYTIC ACTIVITY OF NICKEL AND NICKEL
BORIDE FOR FORMIC ACID DECOMPOSITION
JOURNAL OF CATALYSIS VOL 9 NO 2 PP115-124 OCTOBER 1967
DAR ACCESS NO.....252370-001
BY GINER J — DDC NUMBER.....AD675768
RISSMANN E — INSTR...AF-19(628)-5589
PROJECT/TASK.....4659/04

AFCRL 68-0161
COLUMBIA UNIVERSITY
MEASUREMENT OF Q VALUES FROM THE FREE OSCILLATIONS OF THE
EARTH
JOUR OF GEOPHYSICAL RESEARCH VOL 73 NO 4 FEB 15 1968
PP1407-1415
DAR ACCESS NO.....272021-020
BY NOWROOZI A A — DDC NUMBER.....AD669113
INSTR...AF-19(628)-4082
PROJECT/TASK.....4664/00

AFCRL 68-0162
COLUMBIA UNIVERSITY
COMMENT ON PAPER BY C LOMNITZ /STATISTICAL PREDICTION OF
EARTHQUAKES/
REVIEWS OF GEOPHYSICS VOL 6 NO 1 FEB 1968 PP94-100
DAR ACCESS NO.....272521-021
BY ISACKS B — DDC NUMBER.....AD669141
PAGE R — INSTR...AF-19(628)-4082
PROJECT/TASK.....8652/00

AFCRL 68-0163
OHIO STATE UNIVERSITY RESEARCH FOUNDATION
ORBIT PERTURBATIONS OF ARTIFICIAL EARTH SATELLITES AS
FUNCTIONS OF GRAVITY ANOMALIES AND DIFFERENTIAL
CORRECTIONS OF ORBIT AND STATION COORDINATES
REPORT NO 96 SCIENTIFIC REPORT NO 17 JAN 1968
DAR ACCESS NO.....272252-016
BY KOCH K R — DDC NUMBER.....AD670605
INSTR...AF-19(628)-5701
PROJECT/TASK.....7600/02

AFCRL 68-0164
OHIO STATE UNIVERSITY RESEARCH FOUNDATION
MODEL COMPUTATIONS FOR DIFFERENT SOLUTIONS OF THE
GEODETIC BOUNDARY-VALUE PROBLEM
REPORT NO 102 SCIENTIFIC REPORT NO 18 FEB 1968
DAR ACCESS NO.....272252-019
BY KOCH K R — DDC NUMBER.....AD671127
INSTR...AF-19(628)-5701
PROJECT/TASK.....7600/02

AFCRL 68-0165
MCGILL UNIVERSITY
A PRELIMINARY MICROWAVE ATTENUATION CLIMATOLOGY FOR THE
MONTREAL AREA BASED ON WEATHER RADAR DATA
MW-52 SCIENTIFIC REPORT NO 3 JAN 1968
DAR ACCESS NO.....271822-003
BY ROGERS M R — DDC NUMBER.....AD671538
RAO K N — INSTR...F19628-67-C-0129
PROJECT/TASK.....4620/04

AFCRL 68-0166
STANFORD RESEARCH INSTITUTE
PROCESSING GROWTH AND CHARACTERIZATION OF B-SILICON CARBIDE
SINGLE CRYSTALS
SRI PROJECT NO PRU-6488 SCIENTIFIC REPORT NO 2 FEB 1968
DAR ACCESS NO.....253911-002
BY HARTLETT R W — DDC NUMBER.....AD669099
MUELLER R A — INSTR...F19628-67-C-0243
PROJECT/TASK.....5620/06

AFCRL 68-0167
THE INCORPORATED
INVESTIGATION OF RADIATION HARDENED CIRCUIT ELEMENTS
SCIENTIFIC REPORT NO 3 FEB 1968
DAR ACCESS NO.....259780-003
BY SCOTT L — DDC NUMBER.....AD672984
INSTR...F19628-67-C-0262
PROJECT/TASK.....4008/05

AFCRL 68-0168
COLUMBIA UNIVERSITY
AN APPLICATION OF CORRELATION RADIOMETRY TO THE STUDY OF
PLASMA RADIATION
PLASMA LABORATORY REPORT NO 40 SCIENTIFIC REPORT NO 5
CU-EE REPORT NO 102 MAR 1968
DAR ACCESS NO.....261712-005
BY BRADFORD P V — DDC NUMBER.....AD670844
INSTR...AF-19(628)-5832
PROJECT/TASK.....5635/04

AFCRL 68-0169
BRANDEIS UNIVERSITY
ZERO SOUND IN HE SUPER 3 IN 4 MAGNETIC FIELD
PHYSICAL REVIEW VOL 163 NO 1 PP195-200 5 NOV 1967
DAR ACCESS NO.....252871-008
BY SCHAPPERT G T — DDC NUMBER.....AD668952
INSTR...AF-19(628)-5933
PROJECT/TASK.....4645/02

AFCRL 68-0170
CASE WESTERN RESERVE UNIVERSITY
DEPOSITION OF CARBON ON DIAMOND SEED CRYSTALS FINAL REPORT
MAR 1968
DAR ACCESS NO.....253950-006
BY ANGUS J C — DDC NUMBER.....AD676740
WILL H A — INSTR...AF-19(628)-5785
STANKO W S — PROJECT/TASK.....8600/05

AFCRL 68-0171
ROYAL INSTITUTE OF TECHNOLOGY
ACOUSTIC SPECIFICATION OF SPEECH FINAL REPORT JAN 1968
DAR ACCESS NO.....259101-001
BY FANT C G M — DDC NUMBER.....AD668548
INSTR...AF-EOAR-0034-67
PROJECT/TASK.....5628/02

AFCRL 68-0172
QUEEN MARY COLLEGE
A THEORETICAL TECHNIQUE FOR EVALUATING THE TIME DEPENDENT EFFECTS OF GRAVITY ELECTRODYNAMIC DRIFTS IN THE F2-LAYER OF THE IONOSPHERE
SCIENTIFIC REPORT NO 2 JAN 1968
OAR ACCESS NO.....250440-010
BY BAXTER R G — DDC NUMBER.....AD669061
KENDALL P C — INSTR...AF-EOAR-68-0074
PROJECT/TASK.....9603/04

AFCRL 68-0173
UNIVERSITA DEGLI STUDI DI MILANO
THE ATMOSPHERIC AND LEAKAGE FLUX OF NEUTRONS PRODUCED IN THE ATMOSPHERE BY COSMIC RAY INTERACTIONS
SCIENTIFIC REPORT NO 5 DEC 1967
OAR ACCESS NO.....251130-003
BY UDELLA G — DDC NUMBER.....AD668883
DELBOSCO C — INSTR...AF-61(052)-00408
PANETTI M — PROJECT/TASK.....8600/06
SCARSI L

AFCRL 68-0174
UNIVERSITY OF INNSBRUCK
FREQUENCY DEPENDENCE OF THE FIELD STRENGTH COMPONENTS OF A DIPOLE EMBEDDED IN A CONDUCTING MEDIUM
SCIENTIFIC REPORT NO 5 NOV 1967
OAR ACCESS NO.....252301-005
BY TINHOFER G — DDC NUMBER.....AD668518
INSTR...AF-61(052)-00932
PROJECT/TASK.....4600/10

AFCRL 68-0175
INTERNATIONAL BUSINESS MACHINES CORP
SEMICONDUCTOR JUNCTION PROPERTIES AS INFLUENCED BY CRYSTALLOGRAPHIC IMPERFECTIONS FINAL REPORT MAR 1968
OAR ACCESS NO.....272471-003
BY SCHWUTTKE G H — DDC NUMBER.....AD669335
INSTR...AF-19(628)-5059
PROJECT/TASK.....5621/04

AFCRL 68-0176
RAYTHEON COMPANY
DOPPLER SIGNAL ANALYSIS AND PROCESSING TECHNIQUES FOR MODIFIED /PORCUPINE/ C-BAND PULSE DOPPLER RADAR FINAL REPORT FEB 1968
OAR ACCESS NO.....250721-002
BY BERGER T — DDC NUMBER.....AD670586
COX P G — INSTR...AF-19(628)-4774
GROSINSKY M L — PROJECT/TASK.....5677/04
KOVALIK J M
WORKS G A

AFCRL 68-0177
LOWELL TECHNOLOGICAL INSTITUTE
RESEARCH DIRECTED TOWARD THE DESIGN AND FABRICATION OF A SOLAR ATMOSPHERIC DISPERSION EXPERIMENT FINAL REPORT MAR 1968
OAR ACCESS NO.....251480-001
BY GILFILLAN E S — DDC NUMBER.....AD675944
ROGERS R L — INSTR...AF-19(628)-2437
PEALTON J H — PROJECT/TASK.....8647/02

AFCRL 68-0178
PENNSYLVANIA STATE UNIVERSITY
IONOSPHERIC RESEARCH FINAL REPORT FEB 1968
OAR ACCESS NO.....268303-003
BY SELIGA T A — DDC NUMBER.....AD672427
INSTR...F19628-67-C-0301
PROJECT/TASK.....7663/03

AFCRL 68-0180
HOLT BERANEK AND NEWMAN INC
CONTINUOUS-WAVE, THREE-COMPONENT SONIC ANEMOMETER FINAL REPORT MAR 1968
OAR ACCESS NO.....262970-001
BY FOX H L — DDC NUMBER.....AD670317
INSTR...AF-19(628)-4837
PROJECT/TASK.....7655/01

AFCRL 68-0181
MONSANTO RESEARCH CORP RESEARCH LABORATORY
MOBILITY-PROPERTY RELATIONSHIPS IN ORGANIC SEMICONDUCTION FINAL REPORT APR 1968
OAR ACCESS NO.....250770-001
BY DRESCOLL J S — DDC NUMBER.....AD669352
KRAL S C — INSTR...AF-19(628)-3610
MENGER A A — PROJECT/TASK.....8651/01

AFCRL 68-0183
MCGILL UNIVERSITY
CONVECTIVE OVERTURNING AND SUMMER SEICHES
MW-50 SCIENTIFIC REPORT NO 4 JAN 1968
OAR ACCESS NO.....[illegible]
BY MARSHALL J S — DDC NUMBER.....[illegible]
INSTR...AF-[illegible]
PROJECT/TASK.....[illegible]

AFCRL 68-0184
MCGILL UNIVERSITY
MEASUREMENT OF SNOWFALL BY RADAR
MW-54 SCIENTIFIC REPORT NO 5 MAR 1968
OAR ACCESS NO.....271422-005
BY CARLSON P F — DDC NUMBER.....AD671941
INSTR...F19628-67-C-0129
PROJECT/TASK.....8620/04

AFCRL 68-0185
UNIVERSITY OF FLORIDA
A CENTER OF COMPETENCE IN SOLID STATE MATERIALS AND DEVICES
SCIENTIFIC REPORT NO 1 APR 1968
OAR ACCESS NO.....260680-001
BY LINDHOLM F A — DDC NUMBER.....AD669580
BRODERSEN A J — INSTR...F19628-68-C-0058
CHENETTE E R — PROJECT/TASK.....8687/00
GOULD R W
HENCH L L

AFCRL 68-0186
JOHANNES GUTENBERG UNIVERSITAT
RESEARCH ON ATMOSPHERIC OPTICAL RADIATION TRANSMISSION
SCIENTIFIC REPORT NO 6 JAN 1968
OAR ACCESS NO.....273570-001
BY BULLRICH K — DDC NUMBER.....AD670210
BLATTNER W — INSTR...F61052-67-C-0046
CONLEY T — PROJECT/TASK.....7621/03
FIDEN R
HANEL G

AFCRL 68-0187
AUBURN UNIVERSITY
STUDY OF CIRCULAR ARRAYS OF RADIAL AND TANGENTIAL DIPOLES
FINAL REPORT FEB 1968
OAR ACCESS NO.....271782-002
BY HOLMES C H — DDC NUMBER.....AD670883
HILBURN J L — INSTR...AF-19(628)-04991
PROJECT/TASK.....4600/10

AFCRL 68-0188
GCA CORPORATION
ATMOSPHERIC INFERENCES FROM PLANETARY LIMB DARKENING
FINAL REPORT APR 1968
OAR ACCESS NO.....258140-001
BY KING J I — DDC NUMBER.....AD669377
INSTR...AF-19(628)-5738
PROJECT/TASK.....0001/54

AFCRL 68-0189
PRINCETON UNIVERSITY
HIGH ENERGY MOLECULAR BEAMS FINAL REPORT JAN 1968
OAR ACCESS NO.....253440-001
BY ANDERSON J B — DDC NUMBER.....AD673522
FENN J B — INSTR...AF-19(628)-3887
PROJECT/TASK.....4076/04

AFCRL 68-0190
UNIVERSITY OF ROCHESTER
SOME RECENT WORK ON COHERENCE PROPERTIES OF PHOTON BEAMS
PROCEEDINGS OF THE SYMPOSIUM ON MODERN OPTICS AT POLYTECHNIC INSTITUTE OF BROOKLYN VOL XVII PP 169-185
OAR ACCESS NO.....253290-030
BY MANDEL L — DDC NUMBER.....AD669317
INSTR...AF-19(628)-5052
PROJECT/TASK.....4605/02

AFCRL 68-0191
PENNSYLVANIA STATE UNIVERSITY
A HIGH PRECISION LIGHT-SPEED APPARATUS USING SAMPLING TECHNIQUES
SCIENTIFIC REPORT NO 313 DEC 1967
OAR ACCESS NO.....260353-004
BY SIMMONS L M — DDC NUMBER.....AD671150
INSTR...F19628-67-C-0231
PROJECT/TASK.....7663/03

AFCRL 68-0192
STANFORD RESEARCH INSTITUTE
PLASMA DENSITY CONTROL WITH ELECTRIC FIELDS FOR SRI PROJECT 5350 SCIENTIFIC REPORT 2 DEC 1967
OAR ACCESS NO.....[illegible]
BY SCHNEIDER R T — DDC NUMBER.....AD670748
INSTR...AF-19(628)-6009
PROJECT/TASK.....4600/15

AFCRL 68-0194
PANAMETRICS INC
SOME TOPICS RELATED TO ATMOSPHERICAL QUANTITIES FINAL REPORT FEB 1968
OAR ACCESS NO.....273200-001
BY [illegible] — DDC NUMBER.....AD673659
INSTR...AF-19(628)-5953
PROJECT/TASK.....4600/01

AFCRL 68-0195
OHIO STATE UNIVERSITY RESEARCH FOUNDATION
A METHOD FOR THE CUMBINATION OF SATELLITE AND GRAVIMETRIC DATA
REPORT NO 101 SCIENTIFIC REPORT NO 19 MAR 1968
BY RAPP R H
CAR ACCESS NO.....272252-020
DOC NUMBER.....AD673363
INSTR...AF-19(628)-5701
PROJECT/TASK.....7600/02

AFCRL 68-0196
UNIVERSITY OF SOUTHERN CALIFORNIA
LOCAL MODE STUDIES OF LI-DEFECT COMPLEXES IN GA-AS AND G-P PAIRS IN SI FINAL REPORT APR 1968
BY SPITZER W G
ALLRED W P
LEVY M F
LORIMOR O G
TSVETOV V P
CAR ACCESS NO.....259720-001
DOC NUMBER.....AD670967
INSTR...F19628-67-C-0141
PROJECT/TASK.....5621/05

AFCRL 68-0197
UNIVERSITY OF OSLO
SIMULTANEOUS OBSERVATIONS OF HA AND THE K-LINE OF CA II IN THE SOLAR SPECTRUM
SCIENTIFIC INTERIM REPORT APR 1968
BY ENGVOLD O
CAR ACCESS NO.....252812-002
DOC NUMBER.....AD668403
INSTR...F61052-67-C-0070
PROJECT/TASK.....7684/06

AFCRL 68-0198
AIR FORCE CAMBRIDGE RESEARCH LABORATORIES
A MICROWAVE SOURCE USING ULTRASONIC AMPLIFICATION IN PIEZOELECTRIC SEMICONDUCTORS
PSRP NO 356 APR 1968
BY SLOBODNIK A J JR
CAR ACCESS NO.....254430-006
DOC NUMBER.....AD837936
INSTR...AFCRL-5035-33-01
PROJECT/TASK.....5635/01

AFCRL 68-0199
AEROJET CORPORATION
DISCUSSION ON A CHAMBER TO MEASURE ION NUMBER DENSITIES UNDER LOW PRESSURE AND SUPERSONIC SPEED
SCIENTIFIC REPORT NO 1 FEB 1967
BY DOLEZALEK H
CAR ACCESS NO.....767200-001
DOC NUMBER.....AD674935
INSTR...AF-19(628)-5934
PROJECT/TASK.....5710/00

AFCRL 68-0200
INTERNATIONAL BUSINESS MACHINES CORP
ANALYSIS OF RADIATION-INDUCED COUPLING EFFECTS BETWEEN INTEGRATED CIRCUIT ELEMENTS FINAL REPORT FEB 1968
BY FRANKOVSKY F
PROTSCHKA H
BOYD G
BOCZAR P
CAR ACCESS NO.....260040-002
DOC NUMBER.....AD669852
INSTR...F19628-67-C-0306
PROJECT/TASK.....4608/05

AFCRL 68-0201
UNIVERSITY OF OSLO
ON THE K-LINE OF CAII IN SUNSPOTS
ASTROPHYSICA NORVEGICA VX NO P173-188 1967
BY ENGVOLD O
CAR ACCESS NO.....252812-001
DOC NUMBER.....AD668402
INSTR...F61052-67-C-0070
PROJECT/TASK.....7684/06

AFCRL 68-0202
UNIVERSITY OF OSLO
THE VELOCITY FIELD SURROUNDING SUNSPOTS AS DERIVED FROM OBSERVATIONS OF HA
SOLAR PHYSICS V2 P227-230 1967
BY HAUGEN E
CAR ACCESS NO.....252812-004
DOC NUMBER.....AD668398
INSTR...F61052-67-C-0070
PROJECT/TASK.....7684/06

AFCRL 68-0203
UNIVERSITY OF OSLO
ON THE K-LINE OF CA II IN SUNSPOTS
SOLAR PHYSICS V2 P236-239 1967
BY ENGVOLD O
CAR ACCESS NO.....252812-005
DOC NUMBER.....AD668401
INSTR...F61052-67-C-0070
PROJECT/TASK.....7684/06

AFCRL 68-0204
UNIVERSITY OF OSLO
ON THE WAVELENGTH DEPENDENCE OF THE BANDWIDTH AND THE DURATION OF TYPE I SOLAR RADIO BURSTS
PUBLI TECHNICAL REPT NO 21 1967
BY [illegible]
CAR ACCESS NO.....252812-006
DOC NUMBER.....AD668340
INSTR...F61052-67-C-0070
PROJECT/TASK.....7684/06

AFCRL 68-0205
NORTH AMERICAN ROCKWELL CORP
IMPROVED CATHODE SYSTEMS FOR HIGH-ENERGY PRIMARY BATTERIES
AI-68-93 SCIENTIFIC REPORT NO 1 DEC 1968
BY NICHOLSON M M
CAR ACCESS NO.....260230-001
DOC NUMBER.....AD685244L
INSTR...F19628-67-C-0387
PROJECT/TASK.....8659/04

AFCRL 68-0206
RESEARCH TRIANGLE INSTITUTE
RESEARCH IN NUMERICAL DYNAMICAL AND OPERATIONAL WEATHER FORECAST PROCEDURES FINAL REPORT APR 1968
BY VUKOVICH F M
CHOW C F
CAR ACCESS NO.....258090-001
DOC NUMBER.....AD669332
INSTR...AF-19(628)-5834
PROJECT/TASK.....8628/04

AFCRL 68-0207
BLOCK ENGINEERING INC
DEVELOPMENT OF INSTRUMENTATION WHICH WILL ALLOW MEASUREMENT OF THE INFRARED REFRACTIVE INDEX OF OZONE FINAL REPORT APR 1968
BY MERHAN J M
CAR ACCESS NO.....259870-001
DOC NUMBER.....AD669578
INSTR...F19628-67-C-0235
PROJECT/TASK.....7670/02

AFCRL 68-0208
HUGHES AIRCRAFT CO
STUDY OF THE CONTROL OF ELECTROMAGNETIC RADIATION FROM AIRCRAFT AND SPACE VEHICLES FINAL REPORT MAR 1968
BY VILLENEUVE A T
CAR ACCESS NO.....252290-009
DOC NUMBER.....AD671147
INSTR...AF-19(628)-4389
PROJECT/TASK.....4600/10

AFCRL 68-0209
YESHIVA UNIVERSITY
COLLECTIVE METHODS FOR SYSTEMS WITH LONG-RANGE COHERENCE FINAL REPORT MAR 1968
BY CARMI G
CAR ACCESS NO.....253330-001
DOC NUMBER.....AD671173
INSTR...AF-19(628)-4381
PROJECT/TASK.....5634/06

AFCRL 68-0210
YESHIVA UNIVERSITY
RESEARCH DIRECTED TOWARD UNDERSTANDING BEHAVIOR AND DETECTION OF PLASMAS IN MAGNETIC FIELD FINAL REPORT APR 1968
BY [illegible]
CAR ACCESS NO.....251380-002
DOC NUMBER.....AD669080
INSTR...AF-19(628)-2399
PROJECT/TASK.....8608/03

AFCRL 68-0211
HUGHES AIRCRAFT COMPANY
INVESTIGATION OF USE OF SUPERIMPOSED SURFACE WAVE MODES FINAL REPORT MAR 1968
BY TANG W
WONG N S
LEE S W
CAR ACCESS NO.....251720-003
DOC NUMBER.....AD671536
INSTR...AF-19(628)-4984
PROJECT/TASK.....4600/10

AFCRL 68-0212
ENVIRONMENTAL SCIENCE SERVICES ADMIN
DIFFRACTION AND SCATTERING OF THE ELECTROMAGNETIC GROUND WAVE BY TERRAIN FEATURES
RADIO SCIENCE VOL 3 NEW SERIES NO 10 PP995-1003 OCT 1968
BY WAIT J R
CAR ACCESS NO.....756150-002
DOC NUMBER.....AD679009
INSTR...PHD -0823-67
PROJECT/TASK.....5635/06

AFCRL 68-0213
ECOLE NORMALE SUPERIEURE
FAST RECOVERY OF ELECTRON IRRADIATED GERMANIUM
PROCEEDINGS OF 1967 CONFERENCE ON RADIATION EFFECTS IN SEMICONDUCTORS /PLENUM PRESS NEW YORK 1968/
BY BOUNGOIN J
BANUCH P
CAR ACCESS NO.....259620-001
DOC NUMBER.....AD668468
INSTR...F61052-67-C-0002
PROJECT/TASK.....4608/01

AFCRL 68-0214
ECOLE NORMALE SUPERIEURE
LOW TEMPERATURE IRRADIATION AND ANNEALING OF N-TYPE GERMANIUM EFFECTS OF OPTICAL BLEACHING
PROCEEDINGS OF 1967 CONFERENCE ON RADIATION EFFECTS IN SEMICONDUCTORS /NEW YORK 1968/
BY ZIJLSTRA J
CAR ACCESS NO.....259620-002
DOC NUMBER.....AD668469
INSTR...F61052-67-C-0002
PROJECT/TASK.....4608/01

AFCRL 68-0215
ECOLE NORMALE SUPERIEURE
PHOTOCONDUCTIVITY SPECTRA OF LOW-TEMPERATURE ELECTRON-IRRADIATED GERMANIUM
PROCEEDINGS OF 1967 CONFERENCE ON RADIATION EFFECTS IN SEMICONDUCTORS PLENUM PRESS NEW YORK 1968

DAR ACCESS NO.....259620-003
BY FISCHER J P — DDC NUMBER.....AD690870
CHERAY M — INSTR...F61052-67-C-0002
ZITZINE J — PROJECT/TASK.....4600/01

AFCRL 68-0216
ECOLE NORMALE SUPERIEURE
ENHANCED DIFFUSION IN GERMANIUM
PROCEEDINGS OF 1967 CONFERENCE ON RADIATION EFFECTS IN SEMICONDUCTORS NEW YORK 1968

DAR ACCESS NO.....259620-004
BY DRELOT A — DDC NUMBER.....AD690871
INSTR...F61052-67-C-0002
PROJECT/TASK.....4600/01

AFCRL 68-0217
HARVARD UNIVERSITY
SOME ADDITIONAL ASPECTS OF THE UNUSUAL ACTIVITY OF THE NORTHERN AND SOUTHERN SOLAR HEMISPHERES MICROWAVE RADIO BURSTS AND SARS
SMITHSONIAN CONTRIBUTIONS TO ASTROPHYSICS VOL 10 NO 4 PP197-208 1968

DAR ACCESS NO.....271772-001
BY HARVEY G A — DDC NUMBER.....AD690225
BELL R — INSTR...F19628-67-C-0247
PROJECT/TASK.....7640/05

AFCRL 68-0218
BRANDEIS UNIVERSITY
CORRECTION TO STOKES LAW FOR A CHARGED SPHERE MOVING IN A POLARIZABLE COMPRESSIBLE LIQUID
PHYSICS OF FLUIDS VOL 10 NO 12 PP2702-2704 DEC 1967

DAR ACCESS NO.....252871-004
BY SCHAPPERT G T — DDC NUMBER.....AD669027
INSTR...AF-19(628)-5433
PROJECT/TASK.....4645/02

AFCRL 68-0219
SOUTHWEST CENTER FOR ADVANCED STUDIES
EFFECT OF THE INTERPLANETARY MAGNETIC FIELD ON THE PROPAGATION OF COSMIC RAYS FINAL REPORT FEB 1968

DAR ACCESS NO.....252490-001
BY MCCRACKEN K G — DDC NUMBER.....AD672310
INSTR...AF-19(628)-5023
PROJECT/TASK.....8600/07

AFCRL 68-0220
SANDERS ASSOCIATES INC
RADIATION DAMAGE STUDIES OF SILICON PHOTODETECTORS AND MAGNETIC DEVICES FINAL REPORT APR 1968

DAR ACCESS NO.....250772-001
BY TEMPLE J M — DDC NUMBER.....AD672620
SCHWARTZ J — INSTR...F19628-67-C-0030
DOUMA M — PROJECT/TASK.....5621/05
NOVOSELA A

AFCRL 68-0222
AMERICAN SCIENCE AND ENGINEERING INC
ON THE EXISTENCE OF SOLUTIONS TO CERTAIN SHOCK-WAVE MODELS FINAL REPORT MAR 1968

DAR ACCESS NO.....271430-001
BY TWEVE F W — DDC NUMBER.....AD670588
INSTR...F19628-67-C-0057
PROJECT/TASK.....9687/01

AFCRL 68-0223
SYLVANIA ELECTRONIC SYSTEMS
TIME CORRELATIONS IN FORWARD SCATTERING BY RANDOM DISTRIBUTIONS FINAL REPORT APR 1968

DAR ACCESS NO.....259720-002
BY MOORE J F — DDC NUMBER.....AD672[illegible]
HARLEY S A — INSTR...AF-19(628)-5[illegible]
KAYS T H — PROJECT/TASK.....[illegible]

AFCRL 68-0224
MCGILL UNIVERSITY
PROCEEDINGS OF THE EIGHTEENTH STANSTEAD SEMINAR ON THE MIDDLE ATMOSPHERE
SCIENTIFIC REPORT NO 5 MAY 1968

AR ACCESS NO.....272031-002
BY BOWLEY H A — DDC NUMBER.....AD672165
INSTR...AF-19(628)-[illegible]
PROJECT/TASK.....[illegible]

AFCRL 68-0225
CONDUCTRON CORP
REDUCTION OF RADAR CROSS SECTION BY IMPEDANCE LOADING FOR FINAL REPORT JAN 1968

DAR ACCESS NO.....258780-004
BY CLARK J E — DDC NUMBER.....AD390527
MCDONELL C M — INSTR...AF-19(628)-DA149
RENAR F M — PROJECT/TASK.....8675/00
VITTAL PYATI P
TAGNITZ J E

AFCRL 68-0226
GENERAL ELECTRIC COMPANY
STUDY TO OBTAIN DESIGN DATA FOR REENTRY ECM ANTENNA SYSTEMS FINAL REPORT MAY 1968

DAR ACCESS NO.....259820-006
BY HISKING P E — DDC NUMBER.....AD838245
MCMENAMIN D L — INSTR...F19628-67-C-0210
SCHERER P M — PROJECT/TASK.....8671/00
JORDAN A K

AFCRL 68-0227
AIR FORCE CAMBRIDGE RESEARCH LABORATORIES
IMPROVED ANALOG VOICE COMMUNICATIONS
IP NO 141 APR 1968

DAR ACCESS NO.....254200-005
BY GRIFFITHS J D — DDC NUMBER.....AD671686
INSTR...AFCRL-5628-02-01
PROJECT/TASK.....5628/08

AFCRL 68-0228
AIR FORCE CAMBRIDGE RESEARCH LABS
PROCEEDINGS OF THE WORKSHOP ON METHODS OF OBTAINING WINDS AND DENSITIES FROM RADAR METEOR TRAIL RETURNS
SPECIAL REPORTS NO 74 APR 1968

DAR ACCESS NO.....255830-001
BY BARNES A A JR — DDC NUMBER.....AD675148
PAZNIOKAS J J — INSTR...AFCRL-8628-08-01
PROJECT/TASK.....8628/08

AFCRL 68-0229
AIR FORCE CAMBRIDGE RESEARCH LABS
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AFSG NO 204 APR 1968

DAR ACCESS NO.....255760-013
BY LUND I A — DDC NUMBER.....AD669569
GRANTHAM D D — INSTR...AFCRL-8624-02-01
PROJECT/TASK.....8624/02

AFCRL 68-0231
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PSNP NO 357 APR 1968

DAR ACCESS NO.....256690-003
BY GUIDICE D A — DDC NUMBER.....AD671117
CASTELLI J P — INSTR...AFCRL-5629-02-01
PROJECT/TASK.....5629/02

AFCRL 68-0232
AIR FORCE CAMBRIDGE RESEARCH LABORATORY
DURATION OF COLD TEMPERATURE OVER NORTH AMERICA
ENP NO 286 APR 1968

DAR ACCESS NO.....255760-007
BY TATTELMAN P I — DDC NUMBER.....AD669567
INSTR...AFCRL-8624-02-01
PROJECT/TASK.....8624/02

AFCRL 68-0234
RAYTHEON CO
INVESTIGATION OF MODE-LOCKING AND CERTAIN OTHER MECHANISMS IN LASERS AND THEIR IMPLICATIONS FINAL REPORT JUNE 1968

DAR ACCESS NO.....261764-001
BY STATZ H — DDC NUMBER.....AD670199
DEMARIS G A — INSTR...F19628-67-C-0252
BASS M — PROJECT/TASK.....4645/02

AFCRL 68-0235
VICTORIA UNIVERSITY OF MANCHESTER
LABORATORY SIMULATION OF LUNAR LUMINESCENCE WITH SPECIAL REFERENCE TO METEORITIC MATERIAL FINAL REPORT DEC 1967

DAR ACCESS NO.....266261-003
BY DRAKE J F — DDC NUMBER.....AD669327
LUMB M D — INSTR...AF-61(052)-00798
DELMAN C J — PROJECT/TASK.....8602/01
WALKER G

AFCRL 68-0236
HUGHES UNIVERSITY

INSULATING CRYSTALS FINAL REPORT FEB 1968

DAR ACCESS NO.....273580-001
BY [illegible] — DDC NUMBER.....AD669350
[illegible] — INSTR...F61052-67-C-0039
[illegible] — PROJECT/TASK.....5620/06

AFCRL 68-0237
LABORATOIRE DE PHYSIQUE DES SOLIDES
KINETIC THEORY AND RELAXATION PROCESSES OF WEAKLY IONIZED GASES
SCIENTIFIC REPORT NO 1 FEB 1968
DAN ACCESS NO.....260022-001
BY DELCROIX J L — DOC NUMBER.....AD673214
CONSTANTIN A — INSTR...61052-67-C-0044
FERAIME M — PROJECT/TASK.....8668/01
GODART J
LOTHIAN

AFCRL 68-0238
UNIVERSITY OF USLO
ON THE NONLINEAR COMPUTATIONAL INSTABILITY OF THE EQUATIONS OF ONE-DIMENSIONAL FLOW FINAL REPORT FEB
DAN ACCESS NO.....25 - 001
BY GRAMMELTVEDT A — DOC NUMBER.....AD686956
INSTR...AF-AFOSR-68-
PROJECT/TASK.....9762/03

AFCRL 68-0239
SPACE SCIENCES INCORPORATED
THE STUDY OF PLASMA SURROUNDING REENTRY BODIES AND RESULTANT INTERACTION WITH MICROWAVE RADIATION FINAL REPORT APR 1968
DAN ACCESS NO.....251760-033
BY ALTSCHULER S — DOC NUMBER.....AD673148
NYDICK S F — INSTR...AF-19(628)-5047
PROJECT/TASK.....8662/02

AFCRL 68-0240
SYSTEM DEVELOPMENT CORP
ABSTRACT FAMILIES OF LANGUAGES
TM-738/004/00 SCIENTIFIC REPORT NO 12 MAR 1968
DAN ACCESS NO.....255430-010
BY GINSBURG S — DOC NUMBER.....AD672971
GREIBACH S — INSTR...F19628-67-C-0047
PROJECT/TASK.....5632/05

AFCRL 68-0241
SYSTEM DEVELOPMENT CORP
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TM-738/003/00 SCIENTIFIC REPORT NO 14 APR 1968
DAN ACCESS NO.....253400-017
BY GREIBACH S — DOC NUMBER.....AD672470
INSTR...F19628-67-C-0047
PROJECT/TASK.....5632/05

AFCRL 68-0243
TECHNICAL RESEARCH
INVESTIGATION OF PHASE DISTRIBUTION OF LASER FINAL REPORT DEC 1967
DAN ACCESS NO.....260470-001
BY NEWSTEIN M C — DOC NUMBER.....AD678993
INSTR...AF-19(628)-5052
PROJECT/TASK.....4664/02

AFCRL 68-0244
CONTROL DATA CORPORATION
QUANTUM THEORY OF LASER OSCILLATION II
TRG-052-1 SCIENTIFIC REPORT NO 3 FEB 1968
DAN ACCESS NO.....257130-033
BY HARRIS S R — DOC NUMBER.....AD675130
INSTR...AF-19(628)-5011
PROJECT/TASK.....4640/04

AFCRL 68-0245
TUFTS UNIVERSITY
SIMPLE INSTABILITY MECHANISMS FOR DYNAMIC LOADING FINAL REPORT MAR 1968
DAN ACCESS NO.....2049-0-001
BY SUTCLIFF S — DOC NUMBER.....AD673767
INSTR...F19628-67-C-0114
PROJECT/TASK.....7639/01

AFCRL 68-0246
INTERNATIONAL BUSINESS MACHINES CORP
MATHEMATICAL SIMULATION OF THE EFFECTS OF IONIZING RADIATION ON SEMICONDUCTORS
TR22.689 SCIENTIFIC REPORT NO 1 APR 1968
DAN ACCESS NO.....259690-001
BY KENNEDY D P — DOC NUMBER.....AD673107
INSTR...F19628-67-C-0116
PROJECT/TASK.....8604/01

AFCRL 68-0247
OHIO STATE UNIVERSITY
STUDY OF EMISSION SPECTRA BY PHASE-DISCRIMINATION METHODS FINAL REPORT APR 1968
DAN ACCESS NO.....251060-001
BY DICKEY F P — DOC NUMBER.....AD673181
ROUSE F R — INSTR...AF-19(628)-5011
SCOTT H F — PROJECT/TASK.....7670/02
YANG J Y
WHITE J T

AFCRL 68-0249
ANDREW CORP
INVESTIGATION OF REDUCTION OF RADAR CROSS SECTION BY A FEEDBACK METHOD 702
THIRD QUARTERLY REPORT MAR 1968
DAN ACCESS NO.....260030-002
BY CRAWFORD T C — DOC NUMBER.....AD393362
INSTR...F19628-67-C-0340
PROJECT/TASK.....8675/00

AFCRL 68-0250
ADVANCED TECHNOLOGY CORPORATION
THEORETICAL AND EXPERIMENTAL INVESTIGATION OF FOCAL PLANE ADAPTIVE ANTENNA TECHNIQUES FINAL REPORT APR 1968
DAN ACCESS NO.....251731-001
BY COHN M — DOC NUMBER.....AD673430
LITTLEPAGE W S — INSTR...F19628-67-C-0249
PROJECT/TASK.....4600/10

AFCRL 68-0252
WESTERN ELECTRIC COMPANY INC
EFFECTS OF RADIATION ON SEMICONDUCTOR MATERIALS AND DEVICES FINAL REPORT APR 1968
DAN ACCESS NO.....273181-001
BY WILSON C K — DOC NUMBER.....AD672912
MITCHELL J P — INSTR...F19628-67-C-0147
CUTHBERT J D — PROJECT/TASK.....4038/01
LEE H S

AFCRL 68-0253
CORNELL AERONAUTICAL LABORATORY INC
STUDY OF ANTENNA VOLTAGE BREAKDOWN IN A SHOCK TUNNEL 702
FINAL REPORT APR 1968
DAN ACCESS NO.....260022-004
BY ANDRE S N — DOC NUMBER.....AD674084
INSTR...F19628-67-C-0140
PROJECT/TASK.....8671/00

AFCRL 68-0254
GENERAL SCIENTIFIC COMPANY
LINEAR SCR APERTURE MONOPULSE EXCITATIONS FINAL REPORT APR 1968
DAN ACCESS NO.....254150-002
BY KINSEY W R — DOC NUMBER.....AD671967
INSTR...AF-19628-5905
PROJECT/TASK.....8663/03

AFCRL 68-0255
SAN FERNANDO VALLEY STATE COLLEGE FOUNDATION
CLIMATIC SIGNALS AS PROJECTORS PART 3 MEDIAN VS MEAN
P2-68-1 SCIENTIFIC REPORT NO 3 MAY 1968
DAN ACCESS NO.....258240-002
BY SLOSSER A P — DOC NUMBER.....AD672286
INSTR...AF-19628-5571
PROJECT/TASK.....8624/02

AFCRL 68-0256
AIR FORCE CAMBRIDGE RESEARCH LABORATORIES
THEORETICAL DETERMINATION OF SCATTERED LIGHT TRANSPORT THROUGH THE LOWER ATMOSPHERE
ERP NO 307 MAY 1968
DAN ACCESS NO.....255340-001
BY WILEY G F — DOC NUMBER.....AD673999
INSTR...AFCRL-5710-00-01
PROJECT/TASK.....5710/00

AFCRL 68-0257
MOLECULAR RESEARCH CORP
AN INVESTIGATION OF METHODS OF PRODUCING SULFUR TRIOXIDE IN JET EXHAUSTS THROUGH ADDITION OF FUEL ADDITIVES TO JP4
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DAN ACCESS NO.....259830-001
BY NECHES S D — DOC NUMBER.....AD835631
INSTR...AF-19628-6761
PROJECT/TASK.....8673/01

AFCRL 68-0258
ARIZONA GEOPHYSICAL OBSERVATORY
A SYSTEM FOR AUTOMATIC COLLECTION AND PROCESSING OF GEOMAGNETIC DATA IN DIGITAL FORM
ANNUAL SUMMARY REPORT MAR 1968
DAN ACCESS NO.....251171-001
BY GUSTAFSSON G — DOC NUMBER.....AD671972
NELSON S — INSTR...AF-AFOSR-
PROJECT/TASK.....9601/04

AFCRL [illegible]
ARTIFICIAL SATELLITE
[illegible] OF JOINT SATELLITE STUDIES ON [illegible] ANNUAL MEETING [illegible] FINAL REPORT APR 1968
DAN ACCESS NO.....260153-001
BY [illegible] — DOC NUMBER.....AD672221
INSTR...F19628-67-C-0008
PROJECT/TASK.....4641/04

AFCRL 68-0261
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
THEORETICAL AND EXPERIMENTAL STUDIES OF MECHANICAL PROPERTIES OF ROCK FINAL REPORT MAY 1968
OAR ACCESS NO.....250660-001
BY BRACE W F — DDC NUMBER.....AD670603
INSTR...AF-19(628)03208
PROJECT/TASK.....7639/05

AFCRL 68-0262
POLYTECHNIC INSTITUTE OF BROOKLYN
APPLICATION OF ELECTROMAGNETIC THEORY TO RADIATING AND NON-RADIATING TRANSMISSION LINES FINAL REPORT MAY 1968
OAR ACCESS NO.....272021-008
BY OLINER A A — DDC NUMBER.....AD671975
INSTR...AF-19(628)04324
PROJECT/TASK.....8683/02

AFCRL 68-0263
AIR FORCE CAMBRIDGE RESEARCH LABORATORIES
THE RINGING IRREGULARITY IN IONOSPHERIC SCINTILLATION EHP NO 288 MAY 1968
OAR ACCESS NO.....254100-005
BY SLACK F F — DDC NUMBER.....AD673795
INSTR...AFCRL-4683-02-01
PROJECT/TASK.....4683/02

AFCRL 68-0264
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
THE ROLE OF DISTINCTIVE FEATURES IN CHILDRENS ACQUISITION OF PHONOLOGY
JOURNAL OF SPEECH AND HEARING RESEARCH VOL 11 NO 1 PP138-146 MARCH 1968
OAR ACCESS NO.....251881-002
BY MENYUK P — DDC NUMBER.....AD674124
INSTR...AF-19(628)3566
PROJECT/TASK.....8681/01

AFCRL 68-0265
TRW INC
OCTAHEDRAL RESEARCH SATELLITE MARK III OVS-1 (FRS 27) FINAL REPORT APR 1968
OAR ACCESS NO.....756100-001
BY CHAPMAN M C; GARDNER J B; MARTIN W J — DDC NUMBER.....AD680827; INSTR...AF-19(628)05817; PROJECT/TASK.....0000/52

AFCRL 68-0266
STANFORD RESEARCH INSTITUTE
RESEARCH ON INTELLIGENT QUESTION-ANSWERING SYSTEMS FINAL REPORT MAY 1968
OAR ACCESS NO.....250530-002
B BERTRAM R — DDC NUMBER.....AD671470; INSTR...AF-19(628)05919; PROJECT/TASK.....4641/32

AFCRL 68-0268
COLUMBIA UNIVERSITY
SEISMICITY IN THE VICINITY OF THE RAMAPO FAULT NEW JERSEY-NEW YORK
BULLETIN OF THE SEISMOLOGICAL SOC OF AMERICA VOL 58 NO 2 PP681-687 APRIL 1968
OAR ACCESS NO.....272521-022
BY PAGE R A; MOLNAR P H; OLIVER J — DDC NUMBER.....AD671297; INSTR...AF-19(628)04082; PROJECT/TASK.....8652/00

AFCRL 68-0269
AIR FORCE CAMBRIDGE RESEARCH LABORATORIES
CLOUD DETECTION CAPABILITY OF OPERATIONAL AN/TPQ-11 RADAR SETS DURING 1966-1967
IP NO 142 MAY 1968
OAR ACCESS NO.....255700-008
BY KANTOR A J — DDC NUMBER.....AD671484
INSTR...AFCRL-8624-02-01
PROJECT/TASK.....8624/02

AFCRL 68-0271
AUBURN UNIVERSITY
CIRCULAR ANTENNA ARRAYS HAVING TANGENTIAL DIPOLES AS ELEMENTS
SCIENTIFIC REPORT NO 1 PART II FEB 1968
OAR ACCESS NO.....271782-003
BY HOLMES C M; TILLMAN J D — DDC NUMBER.....AD681850; INSTR...AF-19(628)04991; PROJECT/TASK.....4600/10

AFCRL 68-0272
AIR FORCE CAMBRIDGE RESEARCH LABORATORIES
AN ANALYSIS OF THE PERFORMANCE OF THE THREE-STATION SPARSA NETWORK FOR DETECTING AND TRACKING THUNDERSTORM ACTIVITY
IP NO 143 MAY 1968
OAR ACCESS NO.....256600-003
BY WEISS B D — DDC NUMBER.....AD671938; INSTR...AFCRL-6670-05-01; PROJECT/TASK.....6670/05

AFCRL 68-0273
AIR FORCE CAMBRIDGE RESEARCH LABORATORIES
UTILIZATION OF PAST DATA IN NUMERICAL FORECASTING
EMW-66-63 TRANSLATION NO 1 MAY 1968
OAR ACCESS NO.....255490-006
BY CHEN-CHAO K — DDC NUMBER.....AD674478; INSTR...AFCRL-8604-04-01; PROJECT/TASK.....8604/04

AFCRL 68-0274
AIR FORCE CAMBRIDGE RESEARCH LABORATORIES
THE INFLUENCE OF A MOUNTAIN ON THE DISPLACEMENT OF BAROTROPIC DISTURBANCES
EMW-66-67 MAY 1968
OAR ACCESS NO.....255490-007
BY JUNG-SEN W — DDC NUMBER.....AD674477; INSTR...AFCRL-8604-04-01; PROJECT/TASK.....8604/04

AFCRL 68-0275
AIR FORCE CAMBRIDGE RESEARCH LABORATORIES
ADAPTATION BETWEEN THE PRESSURE AND THE WIND FIELD IN MESO-AND SMALL-SCALE MOTIONS
EMW-66-131 MAY 1968
OAR ACCESS NO.....255490-008
BY YEH T C; LI M T — DDC NUMBER.....AD674760; INSTR...AFCRL-8604-04-01; PROJECT/TASK.....8604/04

AFCRL 68-0276
AIR FORCE CAMBRIDGE RESEARCH LABORATORIES
A SIMPLE TWO-LAYER MODEL AND ITS EXTENSION
EMW-66-62 TRANSLATION NO 4 MAY 1968
OAR ACCESS NO.....255490-009
BY TUNG-HSIEN L — DDC NUMBER.....AD675137; INSTR...AFCRL-8604-04-01; PROJECT/TASK.....8604/04

AFCRL 68-0277
UNIVERSITY OF NEW HAMPSHIRE
STUDY OF THE INTENSITY TIME VARIATIONS OF THE COSMIC RADIATION FINAL REPORT MAY 1968
OAR ACCESS NO.....263621-005
BY LOCKWOOD J A — DDC NUMBER.....AD671553; INSTR...AF-19(628)02352; PROJECT/TASK.....8600/07

AFCRL 68-0278
UNIVERSITY OF DENVER
ATMOSPHERIC TRANSMITTANCE STUDIES FINAL REPORT APR 1968
OAR ACCESS NO.....272541-008
BY MURCRAY D G — DDC NUMBER.....AD670660; INSTR...AF-19(628)05202; PROJECT/TASK.....8662/01

AFCRL 68-0279
SPERRY GYROSCOPE CO
TRANSVERSE ANTENNA FEED STUDY FINAL REPORT MAY 1968
OAR ACCESS NO.....252131-002
BY MARTIN R W; SMILEN L I; VALENTINO P A — DDC NUMBER.....AD674061; INSTR...AF-19(628)05743; PROJECT/TASK.....4600/10

AFCRL 68-0280
PURDUE UNIVERSITY
ON THE SCATTERING AND THE MODIFICATION OF SCATTERING OF WAVES FROM A LONG WIRE
TR-EE68-6 SCIENTIFIC REPORT NO 3 JUNE 1968
OAR ACCESS NO.....251060-002
BY CHEN C L — DDC NUMBER.....AD675178; INSTR...AF-19(628)01691; PROJECT/TASK.....5635/02

AFCRL 68-0282
SYRACUSE UNIVERSITY
GENERALIZED NETWORK PARAMETERS FOR BODIES OF REVOLUTION
EE1933-568-5R1 MAY 1968
OAR ACCESS NO.....259920-001
BY MAUTZ J R; HARRINGTON R F — DDC NUMBER.....AD838899; INSTR...F19628-67-C-0233; PROJECT/TASK.....5635/02

AFCRL 68-0283
VITRO LABORATORIES
LEAK DETECTION OF LARGE PRESSURIZED SPHERICAL BALLOONS FINAL REPORT APR 1968
OAR ACCESS NO.....756310-001
BY DAVIDSON A R JR — DDC NUMBER.....AD670886; INSTR...F19628-67-C-0414; PROJECT/TASK.....6665/07

AFCRL 68-0285
THE AURORAL OBSERVATORY
SATELLITE SCINTILLATION AT HIGH LATITUDES AND ITS POSSIBLE RELATION TO PRECIPITATION OF SOFT PARTICLES
PROGRESS REPORT NO 4 APR 1968
OAR ACCESS NO.....252471-001
BY FRIEMAGEN J
DDC NUMBER.....AD670201
INSTR...F61052-67-C-0020
PROJECT/TASK.....4643/02

AFCRL 68-0286
AMERICAN SCIENCE AND ENGINEERING
REFURBISHMENT TEST INTEGRATION AND FIELD SUPPORT OF SCIENTIFIC INSTRUMENTS FOR THE OVI-13 SATELLITE FINAL REPORT JUN 1968
OAR ACCESS NO.....761113-001
BY PAOLINI F R
THEODORIDIS G C
WELSH R F
ZUCKER S
DDC NUMBER.....AD670470
INSTR...F19628-67-C-0236
PROJECT/TASK.....8600/06

AFCRL 68-0287
BROWN UNIVERSITY
ELECTROMAGNETIC SCATTERING IN THE TIME DOMAIN IN A PERFECTLY CONDUCTING CURVED SURFACE
SCIENTIFIC REPORT NO 5 AF 3R8(6)5 APR 1968
OAR ACCESS NO.....25R870-006
BY MENGE J C
BOLLE D M
DDC NUMBER.....AD670302
INSTR...AF-19(628)05046
PROJECT/TASK.....5635/02

AFCRL 68-0288
TYCO LABORATORIES INC
INVESTIGATION OF THE GROWTH OF SINGLE CRYSTAL SIC BY THE TRAVELLING SOLVENT AND OTHER METHODS FINAL REPORT APR 1968
OAR ACCESS NO.....250741-002
BY DAS B N
LAMPORT C R
MLAVSKY A I
TRICKETT E A
WOLFF G A
DDC NUMBER.....AD671982
INSTR...F19628-67-C-0186
PROJECT/TASK.....4600/02

AFCRL 68-0289
AIR FORCE CAMBRIDGE RESEARCH LABORATORIES
SMOOTHING EFFECT OF THE TURBULENCE TERM IN OBJECTIVE ANALYSIS AND NUMERICAL PREDICTION
EMM-67-166 TRANSLATION NO 5 MAY 1968
OAR ACCESS NO.....255490-010
BY CHEN-CHAO K
DDC NUMBER.....AD674480
INSTR...AFCRL-8604-04-01
PROJECT/TASK.....8604/08

AFCRL 68-0290
AIR FORCE CAMBRIDGE RESEARCH LABORATORIES
ON THE STABILITY AND CONVERGENCE OF THE SO-CALLED /FORWARD AND CENTERED FINITE-DIFFERENCE/
EMM-66-134 TRANSLATION NO 6 MAY 1968
OAR ACCESS NO.....255490-011
BY TUNG-HSIEN L
DDC NUMBER.....AD674479
INSTR...AFCRL-8604-04-01
PROJECT/TASK.....8604/08

AFCRL 68-0291
AIR FORCE CAMBRIDGE RESEARCH LABORATORIES
A NUMERICAL STUDY OF THE GENERAL CIRCULATION OF THE ATMOSPHERE
EMM-66-133 TRANSLATION NO 7 MAY 1968
OAR ACCESS NO.....255490-012
BY YUNG-SAN C
DDC NUMBER.....AD674475
INSTR...AFCRL-8604-04-01
PROJECT/TASK.....8604/04

AFCRL 68-0292
AIR FORCE CAMBRIDGE RESEARCH LABORATORIES
CONVECTIVE INSTABILITY OF INERTIA WAVES AND PHYSICAL ANALYSIS OF THE FORMATION OF TYPHOONS AT THE EARLY STAGE
EMM-66-132 TRANSLATION NO 8 MAY 1968
OAR ACCESS NO.....255490-013
BY CHU-SHIH C
DDC NUMBER.....AD674476
INSTR...AFCRL-8604-04-01
PROJECT/TASK.....8604/04

AFCRL 68-0294
ANALYSIS & COMPUTER SYSTEMS INC
SATELLITE INSTRUMENTATION PROCESSOR SYSTEM FINAL REPORT MAY 1968
OAR ACCESS NO.....763711-002
BY DALTON L L
DESROCHES H H
FUSCO J A
WILLIAMS J T
DDC NUMBER.....AD676332
INSTR...F19628-67-C-0125
PROJECT/TASK.....0333/03

AFCRL 68-0295
UNIVERSITY OF HAWAII
STRUCTURE AND SPECTRA OF SOLAR ATMOSPHERE FINAL REPORT APR 1968
OAR ACCESS NO.....257400-001
BY JEFFERIES J T
DDC NUMBER.....AD673287
INSTR...AF-19(628)05046
PROJECT/TASK.....7649/06

AFCRL 68-0296
UNIVERSITY OF COLORADO
THERMALLY DRIVEN ROSSBY-MODE DYNAMO FOR SOLAR MAGNETIC-FIELD REVERSALS
SCIENCE MAY 17 1968 VOL 160 PAGES 760-763
OAR ACCESS NO.....260030-001
BY GILMAN P A
DDC NUMBER.....AD673083
INSTR...F19628-67-C-0304
PROJECT/TASK.....0000/76

AFCRL 68-0297
HUGHES AIRCRAFT COMPANY
ON THE USE OF EXPERIMENTAL AND COMPUTATIONAL TECHNIQUES IN ANALYZING THE PERFORMANCE OF SCANNED ARRAYS
P68-82 HAC RCF NO A5034 SCIENTIFIC REPORT NO 9 MAR 1968
OAR ACCESS NO.....252290-010
BY ALBIN D H
NAKATANI D T
VILLENEUVE A T
DDC NUMBER.....AD834956
INSTR...AF-19(628)04349
PROJECT/TASK.....4600/10

AFCRL 68-0298
OHIO STATE UNIVERSITY RESEARCH FOUNDATION
ON THE USE OF THE TERRAIN CORRECTION IN SOLVING MOLODENSKYS PROBLEM
REPORT NO 108 SCIENTIFIC REPORT NO 21 MAY 1968
OAR ACCESS NO.....272252-021
BY MORITZ H
DDC NUMBER.....AD676302
INSTR...AF-19(628)05701
PROJECT/TASK.....7600/02

AFCRL 68-0299
UNIVERSITY OF OKLAHOMA RESEARCH INSTITUTE
THEORETICAL STUDIES ON INELASTIC COLLISIONS OF ELECTRONS WITH ATOMS AND MOLECULES FINAL REPORT MAY 1968
OAR ACCESS NO.....261751-001
BY LIN C C
DDC NUMBER.....AD674065
INSTR...AF-19(628)04973
PROJECT/TASK.....8658/01

AFCRL 68-0300
AMERICAN SCIENCE AND ENGINEERING INC
ROCKET IR HORIZON DATA ANALYSIS FINAL REPORT JUNE 1968
OAR ACCESS NO.....754840-001
BY SOOICKSON L A
DECKER R L
DDC NUMBER.....AD672991
INSTR...AF-19(628)05964
PROJECT/TASK.....7670/07

AFCRL 68-0302
HEWLETT-PACKARD COMPANY
INVESTIGATION OF SEMICONDUCTOR SCHOTTKY BARRIERS FOR OPTICAL DETECTION AND CATHODIC EMISSION
SCIENTIFIC REPORT NO 2 JUNE 1968
OAR ACCESS NO.....25R901-002
BY ARCHER R J
COHEN J
VILMS J
DDC NUMBER.....AD672287
INSTR...F19628-68-C-0090
PROJECT/TASK.....5621/07

AFCRL 68-0305
MCGILL UNIVERSITY
LIFE-CYCLE OF A SUMMER STORM FROM RADAR RECORDS
MW-55 SCIENTIFIC REPORT NO 6 MAY 1968
OAR ACCESS NO.....271422-006
BY HOLTZ C D
DDC NUMBER.....AD671941
INSTR...F19628-67-C-0129
PROJECT/TASK.....8620/04

AFCRL 68-0306
UNIVERSITY OF UTAH
LANGMUIR PROBES FOR DETERMINING IONOSPHERIC PARTICLE DENSITIES AND TEMPERATURES
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OAR ACCESS NO.....259533-001
BY SELJAAS K G
DDC NUMBER.....AD672808
INSTR...F19628-67-C-0275
PROJECT/TASK.....5710/00

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TEXAS INSTRUMENTS INC
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SCIENTIFIC REPORT NO 1 JUNE 1968
OAR ACCESS NO.....260670-001
BY AIKEN J G
DUPPLER W G
CHADDE J S
MATZEN W T
DDC NUMBER.....AD672940
INSTR...F19628-68-C-0184
PROJECT/TASK.....4608/05

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GEORGIA INSTITUTE OF TECHNOLOGY
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G-205 SCIENTIFIC REPORT NO 1 JUNE 1968
DAR ACCESS NO.....253550-001
BY MADDRUM A — DOC NUMBER.....AD672H25
JUSTUS C G — INSTR...AF-19(628)-4781
PROJECT/TASK.....7635/02

AFCRL 68-0310
RADIATION RESEARCH ASSOCIATES INC
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DAR ACCESS NO.....256170-002
BY COLLINS D C — DOC NUMBER.....AD675152
INSTR...F19628-67-C-0298
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MONTE CARLO ANALYSIS OF SEARCHLIGHT SCATTERING MEASUREMENTS
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HARVARD UNIVERSITY
THE EQUILIBRIUM STRUCTURE OF A SHOCK-HEATED CORONA
SCIENTIFIC REPORT NO 4 JUNE 1968
DAR ACCESS NO.....251500-003
BY KOPP R A — DOC NUMBER.....AD674060
INSTR...AF-19(628)-03877
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RYONICK RESEARCH ASSOCIATES
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DAR ACCESS NO.....250351-011
BY ASKNE J — DOC NUMBER.....AD670559
INSTR...AF-61(052)-00804
PROJECT/TASK.....4603/02

AFCRL 68-0314
ISRAEL ACAD OF SCIENCES AND HUMANITIES
IONOSPHERIC RESEARCH USING SATELLITES
ANNUAL SCIENTIFIC REPORT NO 3 FEB 1968
DAR ACCESS NO.....256450-004
BY MASS J — DOC NUMBER.....AD670525
MORINER Z — INSTR...AF-61(052)-00837
PROJECT/TASK.....4603/02

AFCRL 68-0315
TECHNICAL UNIVERSITY OF DENMARK
A FORTRAN IV SUBPROGRAM FOR PLOTTING CURVES ON A CALCOMP 563 DIGITAL PLOTTER
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DAR ACCESS NO.....259430-001
BY NIELSEN E D — DOC NUMBER.....AD671554
INSTR...F61052-67-C-0056
PROJECT/TASK.....4600/10

AFCRL 68-0316
HARVARD UNIVERSITY
RESEARCH DIRECTED TOWARD THE OBSERVATION AND INTERPRETATION OF SOLAR PHENOMENA FINAL REPORT MAY 1968
DAR ACCESS NO.....271772-002
BY BELL B — DOC NUMBER.....AD673111
DEMASTUS H L — INSTR...F19628-67-C-0247
MENZEL D H — PROJECT/TASK.....7649/06

AFCRL 68-0317
UNIVERSITY OF WASHINGTON
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DAR ACCESS NO.....271662-006
BY AKIRA ISHIMARU A — DOC NUMBER.....AD673359
LAU-PO KU S — INSTR...AF-19(628)-6547
PROJECT/TASK.....4600/10

AFCRL 68-0318
AIR FORCE CAMBRIDGE RESEARCH LABORATORIES
IONOSPHERIC RESEARCH IN SUPPORT OF ATMOSPHERIC IONIZATION EFFECTS
AFSC NO 205 JUNE 1968
DAR ACCESS NO.....256470-004
BY GAUSMAN G J — DOC NUMBER.....AD673796
INSTR...AFCRL-68-0311-IN-01
PROJECT/TASK.....5631/14

AFCRL 68-0319
JOHN MORNISSEY ASSOCIATES INC
COMPUTER PROGRAMS INTERNAL REPRESENTATION FINAL REPORT MAY 1968
DAR ACCESS NO.....280621-001
BY BARBIERI R — DOC NUMBER.....AD670617
MORNISSEY J — INSTR...F19628-67-C-0363
PROJECT/TASK.....4641/02

AFCRL 68-0320
THE UNDIR CORPORATION
CALCULATED SPECIFIC YIELD FUNCTIONS FOR NEUTRON MONITORS
FINAL REPORT JUNE 1968
DAR ACCESS NO.....256401-001
BY MAINIO R M — DOC NUMBER.....AD672313
COLVIN T M — INSTR...F19628-67-C-0367
MORE K A — PROJECT/TASK.....8600/07
TIFFANY O L

AFCRL 68-0321
FAIRCHILD SEMICONDUCTOR CORP
RADIATION STUDY ON MOS STRUCTURES
SCIENTIFIC REPORT NO 5 JULY 1968
DAR ACCESS NO.....256156-005
BY SNOW E H — DOC NUMBER.....AD672764
ALTUS H P — INSTR...AF-19(628)-05747
CAGNINA S F — PROJECT/TASK.....4608/85
MOLOZZI A R
FITZGERALD D J

AFCRL 68-0322
UNIVERSITY OF WASHINGTON
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DAR ACCESS NO.....271662-004
BY ISHIMARU A — DOC NUMBER.....AD673360
INSTR...AF-19(628)-05879
PROJECT/TASK.....4600/10

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OSSERVATORIO ASTRONOMICO DI ROMA
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DAR ACCESS NO.....262692-001
BY CIMINO M — DOC NUMBER.....AD671687
INSTR...AF-61(052)-00912
PROJECT/TASK.....7649/06

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OSSERVATORIO GEOFISICO SPERIMENTALE
SEISMIC ANOMALIES IN THE ALPINE ARC FINAL REPORT FEB 1968
DAR ACCESS NO.....253270-002
BY MORELLI C — DOC NUMBER.....AD671988
HELLEMO S — INSTR...AF-61(052)-00786
DE VISINTINI G — PROJECT/TASK.....8652/04

AFCRL 68-0328
TEMPLE UNIVERSITY
CURRENT DISTRIBUTION FOR WIRE EXPLODED IN VACUUM
SCIENTIFIC REPORT NO 1 MAY 1968
DAR ACCESS NO.....271577-001
BY CHERN D C — DOC NUMBER.....AD681120
KONNERT T — INSTR...F19628-67-C-0250
PROJECT/TASK.....8608/04

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S-BAND TELEMETRY ANTENNA STUDIES SOUNDING ROCKET RESEARCH AND DEVELOPMENT PROBLEMS
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DAR ACCESS NO.....280671-002
BY BULLER B T — DOC NUMBER.....AD673377
INSTR...AF-19(628)-05923
PROJECT/TASK.....7659/01

AFCRL 68-0332
PHILCO-FORD CORPORATION
VOCODER IMPROVEMENT STUDY FINAL REPORT MAY 1968
DAR ACCESS NO.....251651-001
BY DAVIS S J — DOC NUMBER.....AD838968
KLAVMAN C S — INSTR...F19628-67-C-0195
SOSNOWSKI J A — PROJECT/TASK.....4610/02

AFCRL 68-0333
UNIVERSITY OF WASHINGTON
PROPAGATION OF SPHERICAL WAVE IN NON-STATIONARY MEDIA
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DAR ACCESS NO.....271662-005
BY CARLSON F P — DOC NUMBER.....AD673809
ISHIMARU A — INSTR...AF-19(628)-05879
PROJECT/TASK.....4600/10

AFCRL 68-0336
UNIVERSITY OF DENVER
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SCIENTIFIC REPORT NO 1 AUG 1968
BY MCCRARY D G; KYLE T G; KOSTENS J J; GAST P R
OAR ACCESS NO.....277561-001
DOC NUMBER.....AD678787
INSTR...AF-19(628)-4177
PROJECT/TASK.....0000/54

AFCRL 68-0336
NORTHEASTERN UNIVERSITY
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FINAL REPORT MAY 1968
BY SUKYS P
OAR ACCESS NO.....252071-001
DOC NUMBER.....AD839482
INSTR...AF-19(628)-5915
PROJECT/TASK.....4643/01

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STANFORD RESEARCH INSTITUTE
THE TURBULENCE CLIMATOLOGY OF THE UNITED STATES BETWEEN 20,000 AND 45,000 FEET ESTIMATED FROM AIRCRAFT REPORTS AND METEOROLOGICAL DATA FINAL REPORT JUNE 1968
BY ENDLICH R M; MANCUSO R L
OAR ACCESS NO.....252380-002
DOC NUMBER.....AD672948
INSTR...AF-19(628)-5173
PROJECT/TASK.....8624/02

AFCRL 68-0338
YESHIVA UNIVERSITY
ON THE PROBLEM OF QUANTUM INTERFERENCE FINAL REPORT JUNE 1968
BY AHARONOV Y; PETERSEN A
OAR ACCESS NO.....247321-001
DOC NUMBER.....AD672986
INSTR...AF-19(628)-5906
PROJECT/TASK.....8602/02

AFCRL 68-0339
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PHYSICAL SCIENCE LABORATORY SCIENTIFIC REPORT NO 3 MAY 1968
BY OLLER D T
OAR ACCESS NO.....250471-003
DOC NUMBER.....AD672109
INSTR...AF-19(628)-5923
PROJECT/TASK.....7659/01

AFCRL 68-0340
CARNEGIE-MELLON UNIVERSITY
SEMICONDUCTOR HETEROJUNCTION STRUCTURE STUDIES
SCIENTIFIC REPORT NO 1 JUNE 1968
BY FEUCHT D L; MILNES A G
OAR ACCESS NO.....254231-001
DOC NUMBER.....AD676304
INSTR...F19628-68-C-0174
PROJECT/TASK.....5621/37

AFCRL 68-0341
ANALYSIS & COMPUTER SYSTEMS INC
DESIGN OF A DIGITAL SIMULATION OF THE POLAR PLANIMETER FOR CALCULATING AREAS OF ECHOES FROM RADAR WEATHER OBSERVATIONS
SCIENTIFIC REPORT NO 2 JUNE 1968
BY KELLEY R G
OAR ACCESS NO.....753711-001
DOC NUMBER.....AD678593
INSTR...F19628-67-C-0125
PROJECT/TASK.....0900/00

AFCRL 68-0343
STANFORD UNIVERSITY
WAVE PROPAGATION IN A RANDOM MEDIUM
SCIENTIFIC REPORT NO 1 SU-SEL-68-066 JUNE 1968
BY LEE R W; HARP J C
OAR ACCESS NO.....251781-001
DOC NUMBER.....AD681176
INSTR...F19628-68-C-0055
PROJECT/TASK.....8682/02

AFCRL 68-0344
SYSTEM DEVELOPMENT CORP
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TM-739/047/00 SCIENTIFIC REPORT NO 20 MAY 1968
BY WAGEN G
OAR ACCESS NO.....254400-01M
DOC NUMBER.....AD680783
INSTR...F19628-67-C-0008
PROJECT/TASK.....5632/05

AFCRL 68-0345
UNIVERSITY OF INNSBRUCK
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BY LUKAVEC H; ELSTER W T
OAR ACCESS NO.....252301-006
DOC NUMBER.....AD671471
INSTR...AF-61(052)-30402
PROJECT/TASK.....9603/10

AFCRL 68-0346
BROWN UNIVERSITY
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BY HOLLE D M
OAR ACCESS NO.....258670-008
DOC NUMBER.....AD680828
INSTR...AF-19(628)-5946
PROJECT/TASK.....5635/02

AFCRL 68-0347
HARVARD UNIVERSITY
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SCIENTIFIC REPORT NO 2 JUNE 1968
BY FENG C Y
OAR ACCESS NO.....271682-002
DOC NUMBER.....AD676070
INSTR...F19628-68-C-0030
PROJECT/TASK.....5635/02

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POLYTECHNIC INSTITUTE OF BROOKLY
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PIBEP-68-001 SCIENTIFIC REPORT NO 1 JUNE 1968
BY WHITMAN G
OAR ACCESS NO.....265252-001
DOC NUMBER.....AD676652
INSTR...F19628-68-C-0072
PROJECT/TASK.....5635/04

AFCRL 68-0349
UNIVERSITY OF MICHIGAN
NETWORK FUNCTION DETERMINATION FROM PARTIAL SPECIFICATIONS
13183-1-T SCIENTIFIC REPORT NO 1 JUNE 1968
BY BRAUN A P; MCMAHON E L
OAR ACCESS NO.....272322-001
DOC NUMBER.....AD672987
INSTR...F19628-68-C-0071
PROJECT/TASK.....5635/05

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UNIVERSITY OF KANSAS
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BY ZELLER C J; DRESCHHOFF G
OAR ACCESS NO.....259630-001
DOC NUMBER.....AD676655
INSTR...F19628-67-C-0182
PROJECT/TASK.....8602/02

AFCRL 68-0351
WORCESTER POLYTECHNIC INSTITUTE
STUDY OF ON-LINE DATA ANALYSIS WITH A HYBRID COMPUTER FINAL REPORT JULY 1968
BY KENNEDY O W JR; PIERSON D C; MONUZZI R L
OAR ACCESS NO.....756760-001
DOC NUMBER.....AD673902
INSTR...F19628-68-C-0040
PROJECT/TASK.....0000/80

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BRANDEIS UNIVERSITY
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BY SCHAPPERT G T
OAR ACCESS NO.....252871-010
DOC NUMBER.....AD673288
INSTR...AF-19(628)-5833
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NAVAL POSTGRADUATE SCHOOL
NUMERICAL METHODS OF COMPUTING THREE-DIMENSIONAL TRAJECTORIES FOR ADIABATIC AND DIABATIC FLOWS
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BY MAHLMAN J D
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INSTR...NIPR -0967-67
PROJECT/TASK.....8698/02

AFCRL 68-0358
TECHNICAL OPERATIONS INC
PHOTO-OPTICAL MEASUREMENTS ON HIGH-ALTITUDE BARIUM RELEASES FINAL REPORT JUNE 1968
BY KOFSKY I L; TROWBRIDGE C A
OAR ACCESS NO.....253701-001
DOC NUMBER.....AD674609
INSTR...AF-19(628)-5977
PROJECT/TASK.....5633/09

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VARIAN ASSOCIATES
AIRBORNE RECONNAISSANCE MAGNETOMETER SYSTEM (U) FINAL REPORT JUNE 1968
BY MCHNICH W A
OAR ACCESS NO.....764292-002
DOC NUMBER.....AD392752
INSTR...F19628-67-C-0144
PROJECT/TASK.....7601/03

AFCRL 68-0360
ALLIED RESEARCH ASSOCIATES INC
RELATION OF AEROSOLS TO ATMOSPHERIC FEATURES FINAL REPORT
SEPT 1968

DAR ACCESS NO.....259840-001
BY CHANG D T — DDC NUMBER.....AD676529
BERLEW R — INSTR...F19628-67-C-0287
PROJECT/TASK.....7670/06

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CONTROL DATA CORPORATION
A THEORETICAL STUDY OF LASER OSCILLATION FINAL REPORT
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B. NELSTEIN M C — DDC NUMBER.....AD675635
UARONE S H — INSTR...AF-19(628)05111
PROJECT/TASK.....4645/02

AFCRL 68-0362
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TECHNICAL REPORT NO 16 ANTENNA LABORATORY NO 68-3 JUNE 1968

DAR ACCESS NO.....273130-014
BY VANBLARICUM G F JR — DDC NUMBER.....AD676300
MITTRA R — INSTR...AF-19(628)03419
PROJECT/TASK.....5635/02

AFCRL 68-0363
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OPTICAL AND ELECTRICAL PROPERTIES OF INSULATORS FINAL REPORT DEC 1967

DAR ACCESS NO.....250762-001
BY ENGELMAN R — DDC NUMBER.....AD672832
YAGER Z — INSTR...AF-61(052)00963
PROJECT/TASK.....5621/04

AFCRL 68-0365
KIRUNA GEOPHYSICAL OBSERVATORY
ISSG-SPACED RECEIVER MEASUREMENTS FINAL REPORT APR 1968

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PROJECT/TASK.....5629/01

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HUGHES AIRCRAFT COMPANY
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DAR ACCESS NO.....252241-001
BY YOUNG G O — DDC NUMBER.....AD839125
HOWARD J E — INSTR...F19628-68-C-0092
PROJECT/TASK.....5635/06

AFCRL 68-0367
SOUTHWEST CENTER FOR ADVANCED STUDIES
MULTIPLE SCATTERING OF LASER LIGHT IN THE ATMOSPHERE FINAL REPORT JULY 1968

DAR ACCESS NO.....251051-001
BY PLASS G N — DDC NUMBER.....AD675155
KATTAWAR G W — INSTR...F19628-68-C-0141
ADAMS C N — PROJECT/TASK.....4184/26

AFCRL 68-0368
NORTHROP CORPORATE LABORATORIES
THE PROPERTIES OF DEFECTS INTRODUCED IN SILICON BY 10-MEV ELECTRON IRRADIATION FINAL REPORT JUNE 1968

DAR ACCESS NO.....273216-003
BY CURTIS O L JR — DDC NUMBER.....AD676303
HASS G F — INSTR...AF-19(628)06047
GERMANO C A — PROJECT/TASK.....5620/02

AFCRL 68-0369
AIR FORCE CAMBRIDGE RESEARCH LABS
IONOSPHERIC SOUNDERS IN AIRCRAFT
INSTRUMENTATION PAPERS NO 144 JULY 1968

DAR ACCESS NO.....254290-006
BY GOWELL O B — DDC NUMBER.....AD678047
WHIDDEN P W — INSTR...AFCRL-68-01-01
PROJECT/TASK.....5631/18

AFCRL 68-0370
AIR FORCE CAMBRIDGE RESEARCH LABORATORIES
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DAR ACCESS NO.....250870-002
BY POWELL W C — DDC NUMBER.....AD676031
INSTR...AFCRL-68-0301
PROJECT/TASK.....5620/08

AFCRL 68-0371
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SPECIFICATION AND UTILIZATION OF A TRANSFORMATIONAL GRAMMAR FINAL REPORT JULY 1968

DAR ACCESS NO.....285682-004
BY PLATH W J — DDC NUMBER.....AD679633
INSTR...AF-19(628)05127
PROJECT/TASK.....4641/02

AFCRL 68-0372
THE SYSTEMS GROUP
INVESTIGATION OF RADIATION HARDENED CIRCUIT ELEMENTS
06615-6003-R000 SCIENTIFIC REPORT NO 4 JUNE 1968

DAR ACCESS NO.....259780-004
BY SCOTT L — DDC NUMBER.....AD678632
INSTR...F19628-67-C-0262
PROJECT/TASK.....4608/05

AFCRL 68-0373
WILKES COLLEGE
DIURNAL WIND VARIATIONS IN THE STRATOSPHERE FINAL REPORT MAR 1968

DAR ACCESS NO.....252360-001
BY BHUCM A — DDC NUMBER.....AD677007
YENCHA M A — INSTR...AF-19(628)04795
PARK J H — PROJECT/TASK.....8624/01
CUDANI J J
PECORA L M

AFCRL 68-0374
UPPSALA UNIVERSITY
SEISMIC BODY WAVES AND SURFACE WAVES
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DAR ACCESS NO.....253260-005
BY HATH M — DDC NUMBER.....AD672809
INSTR...AF-61(052)00702
PROJECT/TASK.....8652/04

AFCRL 68-0375
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DAR ACCESS NO.....756150-003
BY WAIT J R — DDC NUMBER.....AD681411
SPIES K P — INSTR...PNO -00H23-67
PROJECT/TASK.....5635/06

AFCRL 68-0376
CORNELL UNIVERSITY
MASS SPECTROMETRIC STUDY OF THE EVAPORATION OF BAMOO SUB A AND BAMO SUB 4 FINAL REPORT OCT 1968

DAR ACCESS NO.....258250-001
BY PUPP C — DDC NUMBER.....AD677008
YANDAGNI R — INSTR...AF-19(628)05831
PORTER R F — PROJECT/TASK.....5620/05

AFCRL 68-0377
AIR FORCE CAMBRIDGE RESEARCH LABS

PSRP NO 359 JULY 1968

DAR ACCESS NO.....254120-009
BY JIMENEZ C M — DDC NUMBER.....AD676794
LOWE L F — INSTR...AFCRL-5620-02-01
BURKE E A — PROJECT/TASK.....5620/02

AFCRL 68-0380
AIR FORCE CAMBRIDGE RESEARCH LABS
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ERP NO 289 JULY 1968

DAR ACCESS NO.....254100-014
BY AARONS J — DDC NUMBER.....AD676796
MULLEN J P — INSTR...AFCRL-4063-02-01
WHITNEY H E — PROJECT/TASK.....4643/02

AFCRL 68-0382
TECHNICAL OPERATIONS INC
MEASUREMENTS OF TURBULENCE AND DIFFUSION IN HIGH-ALTITUDE CHEMICAL CLOUDS FINAL REPORT JULY 1968

DAR ACCESS NO.....754360-001
BY THOMBRIDGE C A — DDC NUMBER.....AD673521
KOFSKY I L — INSTR...AF-19(628)06128
JOHNSON R H — PROJECT/TASK.....8605/10

AFCRL 68-0383
THE UNIVERSITY OF MICHIGAN
PITOT MEASUREMENTS ON AN X-15 ROCKET PLANE FINAL REPORT AUG 1968

DAR ACCESS NO.....250130-001
BY HORVATH J J — DDC NUMBER.....AD675579
BUHENT G F — INSTR...AF-19(628)03313
PROJECT/TASK.....6020/02

AFCRL 68-0386
GENERAL DYNAMICS CORP
ORGANIC SEMICONDUCTOR JUNCTIONS FINAL REPORT JUNE 1968
OAR ACCESS NO.....252780-001
BY KAKIURIAN E
DDC NUMBER.....AD678081
INSTR...AF-19(628)6436
PROJECT/TASK.....8659/01

AFCRL 68-0385
COLUMBIA UNIVERSITY
SEISMICITY AND TECTONICS OF THE NORTHEAST PACIFIC OCEAN
JOURNAL OF GEOPHYSICAL RESEARCH VOL 73 NO 12 JUNE 15 1968
PP3821-3845
OAR ACCESS NO.....272521-023
BY TOBIN D G
SYKES L R
DDC NUMBER.....AD676018
INSTR...AF-19(628)04082
PROJECT/TASK.....8652/00

AFCRL 68-0388
OHIO STATE UNIVERSITY RESEARCH FOUNDATION
COMPARISON OF TWO METHODS FOR THE COMBINATION OF SATELLITE AND GRAVIMETRIC DATA
REPORT NO 113 SCIENTIFIC REPORT NO 22 JULY 1968
OAR ACCESS NO.....272252-022
BY RAPP R H
DDC NUMBER.....AD676978
INSTR...AF-19(628)05701
PROJECT/TASK.....7600/02

AFCRL 68-0389
STATE UNIVERSITY OF NEW YORK
APPLICATION OF GENERALIZED FUNCTION THEORY TO NETWORK REALIZABILITY THEORY AND TIME DOMAIN SYNTHESIS OF POSITIVE-REAL FUNCTIONS FINAL REPORT AUG 1968
OAR ACCESS NO.....250900-006
DDC NUMBER.....AD676785
INSTR...AF-19(628)02981
PROJECT/TASK.....5628/06

AFCRL 68-0391
AIR FORCE CAMBRIDGE RESEARCH LABORATORIES
A COMPILATION OF SOLAR RADIO SPECTRAL-FLUX-DENSITY OBSERVATIONS 1955-1964
SPECIAL REPORTS NO 79 AUG 1968
OAR ACCESS NO.....257670-004
BY FISCHER H J
DDC NUMBER.....AD675999
INSTR...AFCRL-8604-01-01
PROJECT/TASK.....8666/01

AFCRL 68-0392
SYSTEMS RESEARCH LABORATORIES INC
APPROXIMATE EIGENSYSTEMS OF LARGE COVARIANCE MATRICES
60606-1 SCIENTIFIC REPORT NO 1 MAY 1968
OAR ACCESS NO.....258061-001
BY ROPER W B
DDC NUMBER.....AD678172
INSTR...F19628-67-C-0150
PROJECT/TASK.....5632/01

AFCRL 68-0393
SYSTEMS RESEARCH LABORATORIES INC
CHOICE OF AXES FOR PROJECTION OF DATA ON A CRT USING MULTIVARIATE ANALYSIS OF VARIANCE
60606-2 SCIENTIFIC REPORT NO 2 MAY 1968
OAR ACCESS NO.....258061-002
BY COLOMB J W
DDC NUMBER.....AD678105
INSTR...F19628-67-C-0150
PROJECT/TASK.....5632/01

AFCRL 68-0398
UNIVERSITY OF CALIFORNIA
DETERMINATION OF PATH RADIANCE FOR DOWNWARD PATH OF SIGHT FROM GROUND-BASED OR SUB-ALTITUDE MEASUREMENT
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OAR ACCESS NO.....259770-001
BY BOILEAU A R
DDC NUMBER.....AD677115
INSTR...F19628-67-C-0181
PROJECT/TASK.....7621/07

AFCRL 68-0395
COLUMBIA UNIVERSITY
FOCAL DEPTHS OF AFTERSHOCKS
JOURNAL OF GEOPHYSICAL RESEARCH VOL 73 NO 12 JUNE 15 1968
PP3987-3993
OAR ACCESS NO.....272521-024
BY PAGE R
DDC NUMBER.....AD676016
INSTR...AF-19(628)04042
PROJECT/TASK.....8652/00

AFCRL 68-0396
COLUMBIA UNIVERSITY
AFTERSHOCKS AND MICROAFTERSHOCKS OF THE GREAT ALASKA EARTHQUAKE OF 1964
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OAR ACCESS NO.....272521-025
BY PAGE R
DDC NUMBER.....AD676[illegible]
INSTR...AF-19(628)04042
PROJECT/TASK.....8652/00

AFCRL 68-0397
HARVARD UNIVERSITY
THEORY OF THE SOLAR CORONA
ASTROPHYSICAL LETTERS VOL 1 PP195-196 1968
OAR ACCESS NO.....263573-003
BY MENZEL D H
DDC NUMBER.....AD678243
INSTR...AF-19(628)05744
PROJECT/TASK.....7669/06

AFCRL 68-0398
AIR FORCE CAMBRIDGE RESEARCH LABS
PORTABLE SEISMIC ARRAY SYSTEM
IP NO 145 AUG 1968
OAR ACCESS NO.....259030-001
BY CROWLEY P A
OSSING H A
DDC NUMBER.....AD678046
INSTR...AFCRL-7639-06-01
PROJECT/TASK.....7639/06

AFCRL 68-0399
AIR FORCE CAMBRIDGE RESEARCH LABORATORIES
LOW-ENERGY AURORAL ELECTRONS MEASURED BY SATELLITE OV3-1
ERP NO 290 AUG 1968
OAR ACCESS NO.....255300-006
BY RUCK G A
DDC NUMBER.....AD676800
INSTR...AFCRL-6000-06-01
PROJECT/TASK.....8687/06

AFCRL 68-0400
AIR FORCE CAMBRIDGE RESEARCH LABS
MEAN-FIELD KINETIC EQUATIONS FOR A LASER
PSRP NO 361 AUG 1968
OAR ACCESS NO.....254380-001
BY PICARD R H
DDC NUMBER.....AD675635
INSTR...APC [illegible]-5636-06-01
PROJECT/TASK.....5634/06

AFCRL 68-0401
AIR FORCE CAMBRIDGE RESEARCH LABS
A SYSTEM TO PERFORM REAL-TIME FOURIER SPECTROSCOPY
IP NO 146 AUG 1968
OAR ACCESS NO.....255440-002
BY HOFFMAN J E JR
DDC NUMBER.....AD676969
INSTR...AFCRL-8603-01-01
PROJECT/TASK.....8603/01

AFCRL 68-0403
LABORATORY FOR ELECTRONICS INC
PUSH DOWN LIST MEMORY (PDDL) FINAL REPORT AUG 1968
OAR ACCESS NO.....272751-004
BY MARINO M E
VERONELLI J
DDC NUMBER.....AD676659
INSTR...AF-19(628)04197
PROJECT/TASK.....5632/07

AFCRL 68-0405
STEVENS INSTITUTE OF TECHNOLOGY
THE INTERACTION OF PLASMOIDS WITH MAGNETIC FIELDS FINAL REPORT AUG 1968
OAR ACCESS NO.....252691-001
BY ZORSKIE J W
HOSTICK W H
DDC NUMBER.....AD678093
INSTR...F19628-67-C-0265
PROJECT/TASK.....8608/01

AFCRL 68-0406
STEVENS INSTITUTE OF TECHNOLOGY
A STUDY OF THE DYNAMIC INTERACTION OF A PLASMOID WITH A MAGNETOSTATIC FIELD GRADIENT FROM AN AXIAL CURRENT FINAL REPORT AUG 1968
OAR ACCESS NO.....252691-002
BY OFSHNUKH A W
HOSTICK W H
DDC NUMBER.....AD678094
INSTR...F19628-67-C-0265
PROJECT/TASK.....8608/01

AFCRL 68-0407
MCGILL UNIVERSITY
WEATHER RADAR STUDIES FINAL REPORT JULY 1968
OAR ACCESS NO.....271422-007
BY MARSHALL J S
DDC NUMBER.....AD678865
INSTR...F19628-67-C-0129
PROJECT/TASK.....8020/04

AFCRL 68-0408
AIR FORCE CAMBRIDGE RESEARCH LABS
AN INTERNALLY CALIBRATED ELECTRON SPECTROMETER FOR ACCELERATOR ENERGY MONITORING
IP NO 147 AUG 1968
OAR ACCESS NO.....254120-009
BY FRITTS M J
LOWE L F
ROMBALSKI W F
WALL J A
DDC NUMBER.....AD679100
INSTR...AFCRL-5620-02-01
PROJECT/TASK.....5620/02

AFCRL 68-0409
MAST DEVELOPMENT COMPANY
OZONESONDE BUBBLER TYPE FINAL REPORT JULY 1968
OAR ACCESS NO.....750210-001
BY MUELLER J I
DDC NUMBER.....AD676780
INSTR...F19628-68-C-0092
PROJECT/TASK.....8628/07

AFCRL 68-0813
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
RADIATION BALANCE IN ROCKETSONDE THERMOMETERS FINAL REPORT FEB 1968
OAR ACCESS NO.....230160-002
BY KELLY D P
DOC NUMBER.....AD677343
INSTR...AF-19(628)4046
PROJECT/TASK.....6670/01

AFCRL 68-0811
AMERICAN SCIENCE AND ENGINEERING INC
POINTED LUNAR IR EXPERIMENT FINAL REPORT AUG 1968
OAR ACCESS NO.....760272-002
BY SOUCKSON L
SHEPHERD D
TAROLLI J
YOUNGSTHUN K
DOC NUMBER.....AD675144
INSTR...AF-19(628)4062
PROJECT/TASK.....8602/05

AFCRL 68-0812
ATMOSPHERIC RESEARCH & DEV CORP
THE RATE OF GROWTH OF TALL THUNDERSTORMS
SCIENTIFIC REPORT NO 1 SEPT 1968
OAR ACCESS NO.....269632-001
BY HANKS H H JR
LONG M J
DOC NUMBER.....AD677716
INSTR...F19628-68-C-0013
PROJECT/TASK.....8624/01

AFCRL 68-0813
UNIVERSITY OF WESTERN ONTARIO
REFRACTOMETER ADSORPTION IN TRANSIENTS AND AT SUB-FREEZING TEMPERATURES FINAL REPORT JUNE 1968
OAR ACCESS NO.....266751-004
BY HAY D R
DOC NUMBER.....AD679098
INSTR...AF-19(628)3935
PROJECT/TASK.....6670/01

AFCRL 68-0814
GENERAL ELECTRIC COMPANY
FERROMAGNETIC DOMAIN STUDIES IN HIGHLY PERFECT METAL PLATELETS FINAL REPORT SEPT 1968
OAR ACCESS NO.....258311-001
BY DEHLOIS H W
DOC NUMBER.....AD678792
INSTR...F19628-67-C-0332
PROJECT/TASK.....8681/01

AFCRL 68-0815
CANADIAN COMMERCIAL CORP
LABORATORY STUDIES OF PROPAGATION OF MAGNETIC DISTURBANCES IN THE MAGNETOSPHERE FINAL REPORT JULY 1968
OAR ACCESS NO.....258360-001
BY GORF J V
TAM S Y K
MCKAY D M
JOHNSTON T W
DOC NUMBER.....AD679216
INSTR...AF-19(628)6126
PROJECT/TASK.....7601/01

AFCRL 68-0816
CAMBRIDGE SYSTEMS INC
IMPROVEMENTS AND REFINEMENTS ON A PULSE TYPE SONIC ANEMOMETER FINAL REPORT AUG 1968
OAR ACCESS NO.....252401-001
BY BISBERG A
PAMPAS A
BEAUSIEN D J
DOC NUMBER.....AD678305
INSTR...AF-19(628)3604
PROJECT/TASK.....8682/10

AFCRL 68-0818
SPACE DATA CORPORATION
DESIGN DEVELOPMENT AND FLIGHT TEST OF THE VIPER DART ROCKET METEOROLOGICAL ROCKET SYSTEM FINAL REPORT JUNE 1968
OAR ACCESS NO.....767650-001
BY BOLLERMANN H
WALKER R L
DOC NUMBER.....AD675608
INSTR...AF-19(628)5911
PROJECT/TASK.....8682/03

AFCRL 68-0819
UNIVERSITY OF ILLINOIS
AN INVESTIGATION OF F2 REGION IONOSPHERIC DEPRESSION BY COMPUTER METHODS
TECHNICAL REPORT NO 35 SCIENTIFIC REPORT NO 1 AUG 1968
OAR ACCESS NO.....259260-001
BY FRITZ J H
VON R C
DOC NUMBER.....AD676993
INSTR...F19628-67-C-0092
PROJECT/TASK.....8683/02

AFCRL 68-0820
WEIZMANN INSTITUTE OF SCIENCE
THEORY OF OPTICAL ABSORPTION BY DIATOMIC MOLECULES EMBEDDED IN RARE GAS CRYSTALS
SCIENTIFIC REPORT 9 MAY 1968
OAR ACCESS NO.....273351-003
BY MANNHEIM P D
FRIEDMANN H
DOC NUMBER.....AD676936
INSTR...AF-61(052)-00943
PROJECT/TASK.....8603/03

AFCRL 68-0821
WEIZMANN INSTITUTE OF SCIENCE
PRESSURE BROADENING AND SHIFT OF METHANE PERTURBED BY NOBLE GASES
SCIENTIFIC REPORT MAY 1968
OAR ACCESS NO.....273351-004
BY WILDRING H
SZOKE A
ZAHIR F
BEN-REUVEN A
DOC NUMBER.....AD675837
INSTR...AF-61(052)-00838
PROJECT/TASK.....8603/03

AFCRL 68-0822
WEIZMANN INSTITUTE OF SCIENCE
LINE MIXING BY COLLISIONS IN THE FAR INFRARED SPECTRUM OF AMMONIA
SCIENTIFIC REPORT JUNE 1968
OAR ACCESS NO.....273351-005
BY LIGHTMAN A
BEN-REUVEN A
DOC NUMBER.....AD675838
INSTR...AF-61(052)-00838
PROJECT/TASK.....8603/03

AFCRL 68-0823
UPPSAL UNIVERSITY
COSMIC RAY INTENSITY VARIATIONS DURING 1967
SCIENTIFIC REPORT NO 6 JUNE 1968
OAR ACCESS NO.....269671-005
BY SANDSTRUM A E
DYRING E
LINDGREN S
LARFORS P
SPONAR O
DOC NUMBER.....AD676881
INSTR...AF-61(052)-00868
PROJECT/TASK.....8600/08

AFCRL 68-0824
UNIVERSITY COLLEGE OF NAIROBI
IONOSPHERIC RESEARCH USING SATELLITES
SUMMARY REPORT NO 2 NOV 1967
OAR ACCESS NO.....258030-002
BY HUNTER A N
KELLEHER R F
WEBSTER A R
DOC NUMBER.....AD675604
INSTR...AF-61(052)-00909
PROJECT/TASK.....4643/02

AFCRL 68-0825
TECHNISCHE HOCHSCHULE DARMSTADT
NUMERICAL EXPERIMENTS ON THE FORMATION OF A TORNADO FUNNEL IN THE BOUNDARY LAYER
TECHNICAL NOTE NO 1 FEB 1968
OAR ACCESS NO.....258160-001
BY WIPPERMANN F
SZILLINSKY A
DOC NUMBER.....AD676036
INSTR...AF-61(052)-00932
PROJECT/TASK.....7655/02

AFCRL 68-0826
MCGILL UNIVERSITY
SPECTRAL ATMOSPHERIC ENERGETICS DURING JANUARY 1959 FINAL REPORT JULY 1968
OAR ACCESS NO.....272831-006
BY GASTON P
DOC NUMBER.....AD678211
INSTR...AF-19(628)4355
PROJECT/TASK.....8628/07

AFCRL 68-0829
GCA CORPORATION
RECOMBINATION RATES OF THERMAL IONS
SCIENTIFIC REPORT NO 1 GCA-TR-68-2-A OCT 1968
OAR ACCESS NO.....257270-001
BY DALGARNO A
VICTOR G A
WEHR T G
DOC NUMBER.....AD678204
INSTR...AF-19(628)5562
PROJECT/TASK.....5710/00

AFCRL 68-0829
BOSTON COLLEGE
A GENERAL LEAST SQUARE DETERMINATION OF THE IMPEDANCE OF AN ANTENNA FROM SLOTTED LINE MEASUREMENTS ACCOUNT TAKEN OF THE ATTENUATION OF THE LINE FINAL REPORT FEB 1968
OAR ACCESS NO.....271473-001
BY MARCOU R J
DELOREY D E
POWER L F JR
DOC NUMBER.....AD678091
INSTR...F19628-67-C-0176
PROJECT/TASK.....7663/01

AFCRL 68-0832
MOTOROLA INC
RADIATION HARDENED SILICON POWER TRANSISTORS
SCIENTIFIC REPORT NO 1 JULY 1968
OAR ACCESS NO.....260660-001
BY CATTON R
GEORGE W
DOC NUMBER.....AD843965
INSTR...F19628-68-C-0113
PROJECT/TASK.....4008/05

AFCRL 68-0833
UNIVERSITY OF WASHINGTON
FLUCTUATIONS OF A BEAM WAVE PROPAGATING THROUGH A LOCALLY HOMOGENEOUS MEDIUM
TECHNICAL REPORT NO 126 SCIENTIFIC REPORT NO 1 JULY 1968
OAR ACCESS NO.....260600-001
BY ISHIMARU A
DOC NUMBER.....AD677003
INSTR...F19628-68-C-0126
PROJECT/TASK.....4600/10

AFCRL 68-0436
UNIVERSITY OF DENVER
INFRARED SOLAR SPECTRUM IN THE 1.61U REGION OBSERVED FROM A BALLOON BORNE SPECTROMETER
SCIENTIFIC REPORT NO 2 AUG 1968
OAR ACCESS NO.....227541-002
BY GOLDMAN DDC NUMBER.....AD676379
MURRAY D INSTR...F19628-68-C-0211
MURRAY F PROJECT/TASK.....8662/01
FILLIAMS W

AFCRL 68-0437
COLUMBIA UNIVERSITY
AN EXPERIMENTAL AND THEORETICAL STUDY OF WAVE MIXING IN A BOUNDED MAGNETOPLASMA
SCIENTIFIC REPORT NO 6 PLASMA LABORATORY REPORT NO 43 AUG 1968
OAR ACCESS NO.....241712-006
BY KUHN L DDC NUMBER.....AD681121
INSTR...AF-19(628)5832
PROJECT/TASK.....5635/04

AFCRL 68-0438
AIR FORCE CAMBRIDGE RESEARCH LABS
GEMINI 7 LUNAR MEASUREMENTS
ERP NO 291 SEPT 1968
OAR ACCESS NO.....256390-009
BY CONDRON T P DDC NUMBER.....AD679099
LOVETT J J INSTR...AFCRL-8662-01-01
BARNES W H PROJECT/TASK.....8662/01
MARCOTTE L
NADILE R

AFCRL 68-0439
SIGNATRON INC
A STUDY OF THE RELATIONSHIP BETWEEN MULTIPATH DISTORTION AND WAVE NUMBER SPECTRUM OF DIELECTRIC NOISE IN RADIO LINKS FINAL REPORT AUG 1968
OAR ACCESS NO.....258690-001
BY BELLO P A DDC NUMBER.....AD676662
INSTR...AF-19(628)5931
PROJECT/TASK.....4682/02

AFCRL 68-0440
UNIVERSITY OF INNSBRUCK
MEASUREMENT OF THE CONDUCTIVITY AND DIELECTRIC CONSTANT OF A HOMOGENEOUS MEDIUM BY MEANS OF WAVE PROPAGATION
SCIENTIFIC REPORT NO 7 JULY 1968
OAR ACCESS NO.....252301-007
BY PITTERICH W DDC NUMBER.....AD677587
INSTR...AF-61(052)00902
PROJECT/TASK.....4600/10

AFCRL 68-0441
BATTELLE MEMORIAL INSTITUTE
INVESTIGATION OF THE COMPRESSIBILITY OF LIF BY HIGH-PRESSURE HIGH-TEMPERATURE X-RAY DIFFRACTION METHODS
FINAL REPORT SEPT 1968
OAR ACCESS NO.....240380-001
BY CARRISON L C DDC NUMBER.....AD675280
SCLAR C B INSTR...F19628-68-C-0123
PROJECT/TASK.....5621/05

AFCRL 68-0442
STANFORD RESEARCH INSTITUTE
MEASUREMENT OF ION-ION NEUTRALIZATION CROSS SECTIONS FINAL REPORT JULY 1968
OAR ACCESS NO.....251566-001
BY AHERN W M DDC NUMBER.....AD676069
PETERSON J R INSTR...AF-19(628)5187
PROJECT/TASK.....5710/00

AFCRL 68-0443
SYSTEMS RESEARCH LABORATORIES INC
IMPLEMENTATION OF LIE GROUP TRANSFORMS OF SPATIAL DATA ON PARALLEL LOGIC ARRAYS
6060A-3 SCIENTIFIC REPORT NO 3 AUG 1968
OAR ACCESS NO.....254001-003
BY COLUMN R W DDC NUMBER.....AD678556
INSTR...F19628-67-C-0150
PROJECT/TASK.....5632/01

AFCRL 68-0444
CORNELL UNIVERSITY
TRANSIENT INTERFERENCE STUDIES OF PASSIVELY Q-SWITCHED RUBY LASER EMISSION
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OAR ACCESS NO.....257980-305
BY FLAMHOLZ A L DDC NUMBER.....AD678279
WOLGA G J INSTR...AF-19(628)5877
PROJECT/TASK.....4645/02

AFCRL 68-0445
NORTHEASTERN UNIVERSITY
UHF TELEMETRY SYSTEM TEST FLIGHT
SCIENTIFIC REPORT NO 3 AUG 1968
OAR ACCESS NO.....251880-001
BY MCGUNNIGLE J J DDC NUMBER.....AD679881
INSTR...AF-19(628)5180
PROJECT/TASK.....7659/01

AFCRL 68-0446
BOLT BERANEK AND NEWMAN INC
STUDY OF ACOUSTIC PROPERTIES OF SPEECH SOUNDS
BBN REPORT NO 1669 SCIENTIFIC REPORT NO 8 AUG 1968
OAR ACCESS NO.....251881-008
BY STEVENS K N DDC NUMBER.....AD676979
KLATT D H INSTR...F19628-68-C-0125
PROJECT/TASK.....8668/00

AFCRL 68-0447
HEWLETT-PACKARD COMPANY
INVESTIGATION OF SEMICONDUCTOR SCHOTTKY BARRIERS FOR OPTICAL DETECTION AND CATHODIC EMISSION
SCIENTIFIC REPORT NO 3 SEPT 1968
OAR ACCESS NO.....258901-003
BY VELMS J DDC NUMBER.....AD678182
JEROME COHEN J INSTR...F19628-68-C-0090
ARCHER R J PROJECT/TASK.....5621/07

AFCRL 68-0449
SPERRY RAND RESEARCH CENTER
RESEARCH DIRECTED TOWARD EXCITATION OF MAGNETOACOUSTIC WAVES AT MICROWAVE FREQUENCIES FINAL REPORT AUG 1968
OAR ACCESS NO.....251981-001
BY SHANE J R DDC NUMBER.....AD680410
MATTHEWS H INSTR...F19628-67-C-0346
VAN DE VAART H PROJECT/TASK.....8683/01
KESTIGIAN M

AFCRL 68-0450
LITTON SYSTEMS INC
AN EXPERIMENTAL STUDY OF THE BREAKDOWN CHARACTERISTICS OF MICROWAVE AND VHF ANTENNAS FINAL REPORT JULY 1968
OAR ACCESS NO.....260300-003
BY WARDER R C JR DDC NUMBER.....ADE46980
THORNTON J A INSTR...F19628-68-C-0001
PROJECT/TASK.....8671/00

AFCRL 68-0453
NAVAL POSTGRADUATE SCHOOL
AN EXPERIMENT IN NUMERICAL PREDICTION IN EQUATORIAL LATITUDES
NPS-51KJ8081A SCIENTIFIC REPORT NO 4 OCT 1968
OAR ACCESS NO.....767640-002
BY KRISHNAMURTI T N DDC NUMBER.....AD678080
INSTR...NIPR -0967-67
PROJECT/TASK.....6698/02

AFCRL 68-0457
AIR FORCE CAMBRIDGE RESEARCH LABS
(U) SOUND PRESSURE LEVELS AND SPECTRA FROM FIRING A CLASS OF SOVIET ROCKETS
SPECIAL REPORTS NO 80 SEPT 1968
OAR ACCESS NO.....254200-006
BY MATHEN-DUNN W DDC NUMBER.....AD394176L
INSTR...AFCRL-5628-02-01
PROJECT/TASK.....5628/02

AFCRL 68-0464
HUGHES AIRCRAFT COMPANY
OPTIMUM SPACE-TIME SIGNAL PROCESSING AND PARAMETER ESTIMATION
IEEE TRANSACTIONS ON AEROSPACE AND ELECTRONIC SYSTEMS VAES-4 N3 PP338-341 MAY 1968
OAR ACCESS NO.....252261-003
BY YOUNG G O DDC NUMBER.....AD676386
INSTR...F19628-68-C-0082
PROJECT/TASK.....5635/06

AFCRL 68-0465
TIRA INC
INVESTIGATION OF RADIATION HARDENED CIRCUIT ELEMENTS FINAL REPORT JULY 1968
OAR ACCESS NO.....259780-005
BY SCOTT L DDC NUMBER.....AD678203
INSTR...F19628-67-C-0262
PROJECT/TASK.....4608/05

AFCRL 68-0466
UNIVERSITY OF PITTSBURGH
RESEARCH DIRECTED TOWARD THE STUDY OF CHEMICAL REACTIONS OF EXCITED ATMOSPHERIC SPECIES FINAL REPORT JUNE 1968
OAR ACCESS NO.....250080-001
BY KAUFMAN F DDC NUMBER.....AD677000
INSTR...AF-19(628)5056
PROJECT/TASK.....7635/01

AFCRL 68-0467
RAYTHEON CO
CRYSTAL CHEMISTRY AND MAGNETIC RESONANCE PROPERTIES OF THE VANADATE GARNETS FINAL REPORT OCT 1968
DAR ACCESS NO.....850390-001
BY VAN HOOK H J
KOMAR T
FULRH P
DOC NUMBER.....AD678092
INSTR...F19628-67-C-0054
PROJECT/TASK.....8621/04

AFCRL 68-0470
SYSTEM DEVELOPMENT CORP
A MATHEMATICAL MODEL OF TRANSFORMATIONAL GRAMMARS
TM-738/048/00 SCIENTIFIC REPORT NO 21 JUNE 1968
DAR ACCESS NO.....259400-019
BY GINSBURG S
PARTEE B
DOC NUMBER.....AD680784
INSTR...F19628-67-C-0008
PROJECT/TASK.....5632/05

AFCRL 68-0472
SYSTEM DEVELOPMENT CORPORATION
ABSTRACT FAMILIES OF PROCESSORS
TM-738/046/00 SCIENTIFIC REPORT NO 19 MAY 1968
DAR ACCESS NO.....259400-020
BY ROSE G F
DOC NUMBER.....AD680782
INSTR...F19628-67-C-0008
PROJECT/TASK.....5632/05

AFCRL 68-0473
LOCKHEED AIRCRAFT CORP
CYCLOTRON ECHO STUDY FINAL REPORT AUG 1968
DAR ACCESS NO.....258740-002
BY HILL R M
KAPLAN D E
HERRMANN G F
DOC NUMBER.....AD678840
INSTR...AF-19(628)-05932
PROJECT/TASK.....5635/04

AFCRL 68-0475
MOTOROLA INC
AMSS PROTOTYPE RADIOSONDE FINAL REPORT SEPT 1968
DAR ACCESS NO.....250171-001
BY GRIGGS W M
DOC NUMBER.....AD680409
INSTR...F19628-67-C-0319
PROJECT/TASK.....6670/03

AFCRL 68-0476
HARVARD UNIVERSITY
SUNSPOTS AND MAGNETOHYDRODYNAMIC FLOWS
I A U SYMPOSIUM NO 35 PP142-147 1968
DAR ACCESS NO.....263573-004
BY ANDERSON G F
MENZEL D H
DOC NUMBER.....AD681572
INSTR...AF-19(628)-05744
PROJECT/TASK.....7649/06

AFCRL 68-0477
HARVARD UNIVERSITY
OSCILLATOR STRENGTHS FOR HIGH-LEVEL TRANSITIONS IN HYDROGEN
NATURE VOL 218 NO 5143 PP756-757 25 MAY 1968
DAR ACCESS NO.....263573-005
BY MENZEL D H
DOC NUMBER.....AD681573
INSTR...AF-19(628)-05744
PROJECT/TASK.....7649/06

AFCRL 68-0478
SYLVANIA ELECTRIC PRODUCTS INC
RESEARCH TO DEVELOP THE ALGEBRAIC THEORY OF CODES FINAL REPORT SEPT 1968
DAR ACCESS NO.....258640-002
BY ASSMUS E F JR
MATTSON H F JR
DOC NUMBER.....AD678109
INSTR...AF-19(628)-05998
PROJECT/TASK.....5628/01

AFCRL 68-0479
RADIATION RESEARCH ASSOCIATES INC
SCATTERING AND REFLECTANCE OF LIGHT FROM AIRBORNE LASER SYSTEMS
RRA-TR1 SCIENTIFIC REPORT NO 4 JUNE 1968
DAR ACCESS NO.....756170-004
BY COLLINS D G
WELLS M B
DOC NUMBER.....AD681145
INSTR...F19628-67-C-0298
PROJECT/TASK.....7621/07

AFCRL 68-0480
RADIATION RESEARCH ASSOCIATES INC
COMPARISON OF ATMOSPHERIC PATH RADIANCE CALCULATIONS FOR MODEL CLEAR AND HAZY ATMOSPHERES
RRA-TR9 SCIENTIFIC REPORT NO 5 JUNE 1968
DAR ACCESS NO.....756170-005
BY COLLINS D G
WELLS M B
DOC NUMBER.....AD681172
INSTR...F19628-67-C-0298
PROJECT/TASK.....7621/07

AFCRL 68-0484
HARVARD UNIVERSITY
RESEARCH IN MEASUREMENT OF RATIOS OF POLARIZATION TO ABSORPTION FOR STARS ALONG THE MILKY WAY FINAL REPORT SEPT 1968
DAR ACCESS NO.....251650-001
BY LILLER W
DOC NUMBER.....AD677001
INSTR...AF-19(628)-02798
PROJECT/TASK.....8635/01

AFCRL 68-0485
NEW YORK UNIVERSITY
FINITE DEFORMATIONS OF A CYLINDRICAL MEMBRANE LOADED BY A UNIFORM INTERNAL PRESSURE AND AN AXIAL LOAD
NYU-AA-68-3 SCIENTIFIC REPORT NO 3 MAY 1968
DAR ACCESS NO.....251041-003
BY ALEXANDER H
DOC NUMBER.....AD680822
INSTR...F19628-67-C-0241
PROJECT/TASK.....8665/01

AFCRL 68-0488
GENERAL ELECTRIC COMPANY
THIN-FILM MEMORY DIODES
SCIENTIFIC REPORT NO 1 S-68-1091 OCT 1968
DAR ACCESS NO.....266063-001
BY RICHARDSON J R
HALL R N
NICHOTTE J P
DOC NUMBER.....AD677714
INSTR...F19628-68-C-0158
PROJECT/TASK.....4608/05

AFCRL 68-0489
WEIZMANN INSTITUTE OF SCIENCE
THE MEANING OF COLLISION BROADENING OF SPECTRAL LINES I THE CLASSICAL-OSCILLATOR ANALOG
SCIENTIFIC REPORT NO 9 MAY 1968
DAR ACCESS NO.....273351-006
BY BEN-REUVEN A
DOC NUMBER.....AD677002
INSTR...AF-61(052)-00838
PROJECT/TASK.....8603/03

AFCRL 68-0490
WEIZMANN INSTITUTE OF SCIENCE
PRESSURE SHIFTS OF INFRARED LINES LOW LOW-TEMPERATURE SPECTRA OF MOLECULES AND TECHNIQUES OF INTERFERENCE SPECTROSCOPY FINAL REPORT MAY 1968
DAR ACCESS NO.....273351-007
BY JAFFEE J H
KIMEL S
BEN-REUVEN A
DOC NUMBER.....AD677005
INSTR...AF-61(052)-00838
PROJECT/TASK.....8603/03

AFCRL 68-0491
NATIONAL UNIVERSITY OF ATHENS
SATELLITE STUDIES IN LOW ALTITUDES FINAL REPORT JUNE 1968
DAR ACCESS NO.....250090-003
BY ANASTASSIADIS M
DOC NUMBER.....AD676059
INSTR...AF-61(052)-00754
PROJECT/TASK.....4643/02

AFCRL 68-0492
TYCO LABORATORIES INC
CHEMISORPTION OF NITROGEN AND CO2 ON NICKEL AND PLATINUM
SCIENTIFIC REPORT NO 2 SEPT 1968
DAR ACCESS NO.....257370-002
BY RISSMANN E
JASINSKI R
DOC NUMBER.....AD679752
INSTR...AF-19(628)-05549
PROJECT/TASK.....8659/04

AFCRL 68-0493
UNIVERSITY OF FLORIDA
A CENTER OF COMPETENCE IN SOLID STATE MATERIAL AND DEVICES
SCIENTIFIC REPORT NO 2 OCT 1968
DAR ACCESS NO.....260680-002
BY LINDHOLM F A
BRODERSEN A J
CHENETTE E R
GOULD R W
HENCH L L
DOC NUMBER.....AD678170
INSTR...F19628-68-C-0058
PROJECT/TASK.....8687/00

AFCRL 68-0495
UNIVERSITY OF MICHIGAN ,
ITERATIVE SOLUTIONS OF MAXWELLS EQUATIONS
1353-2-T SCIENTIFIC REPORT NO 2 OCT 1968
DAR ACCESS NO.....272322-002
BY ASVESTAS J S
DOC NUMBER.....AD677006
INSTR...F19628-68-C-0071
PROJECT/TASK.....5635/02

AFCRL 68-0496
UNIVERSITY OF READING
MULTILAYER FILTERS FOR THE REGION 0.8 TO 100 MICRONS FINAL REPORT MAY 1968
DAR ACCESS NO.....253320-001
BY SMITH S D
SELLEY J S
DOC NUMBER.....AD679564
INSTR...AF-61(052)-00833
PROJECT/TASK.....8662/00

AFCRL 68-0496
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STUDY OF THE MATHEMATICAL FOUNDATIONS OF THE MEDIAL AXIS TRANSFORMATION FINAL REPORT AUG 1968

BY NONE

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INSTN...AF-19(628)6571
PROJECT/TASK.....5628/01

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UNIVERSITY OF SASKATCHEWAN
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JOURNAL OF GEOPHYS RESEARCH SPACE PHYSICS VOL 73 NO 9 PP2885-2898 1 MAY 1968

BY EVANS W F J
MUNTEN H H
LLEWELLYN E J
VALLANCE JONES A

OAR ACCESS NO.....250491-004
DOC NUMBER.....AD678487
INSTN...AF-19(628)5720
PROJECT/TASK.....7661/01

AFCRL 68-0501
UNIVERSITY OF COLORADO
THERMALLY DRIVEN OSSEN-MODE HYDROMAGNETIC DYNAMOS
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BY GILMAN P A

OAR ACCESS NO.....260030-002
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INSTR...F19628-67-C-0304
PROJECT/TASK.....0000/76

AFCRL 68-0502
AIR FORCE CAMBRIDGE RESEARCH LABS
LOW TEMPERATURE TECHNIQUES FOR ELECTRON IRRADIATIONS
IP NO 148 OCT 1968

BY JIMENEZ C M
LOWE L F
BURKE E A

OAR ACCESS NO.....254120-010
DOC NUMBER.....AD678102
INSTN...AFCRL-5620-07-01
PROJECT/TASK.....5620/02

AFCRL 68-0505
UNIVERSITY OF DENVER
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SUPPLEMENTARY TECHNICAL REPORT MAY 1966

BY MURCRAY D G
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WILLIAMS W J

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INSTN...AF-19(628)5202
PROJECT/TASK.....8662/01

AFCRL 68-0506
AIR FORCE CAMBRIDGE RESEARCH LABS
THE ELECTRIC FIELD IN THE SOLAR CORONAL EXOSPHERE AND THE SOLAR WIND
ERP NO 292 OCT 1968

BY SEN H K

OAR ACCESS NO.....255900-004
DOC NUMBER.....AD678101
INSTN...AFCRL-8047-01-01
PROJECT/TASK.....8047/01

AFCRL 68-0507
AIR FORCE CAMBRIDGE RESEARCH LABS
THE TWIN-EFFECT AND THE RED-SHIFT
PSRP NO 342 OCT 1968

BY POST E J

OAR ACCESS NO.....254910-009
DOC NUMBER.....AD678889
INSTN...AFCRL-5635-01-01
PROJECT/TASK.....5635/01

AFCRL 68-0509
SPERRY RAND RESEARCH CENTER
ELECTROACOUSTIC RESONANCES IN A NONUNIFORM PLASMA
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BY EWALD H N

OAR ACCESS NO.....252251-001
DOC NUMBER.....AD680407
INSTR...F19628-67-C-0096
PROJECT/TASK.....9662/02

AFCRL 68-0512
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STATISTICAL COMMUNICATION THEORY FINAL REPORT JUNE 1968

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DOC NUMBER.....AD677340
INSTR...F19628-67-C-0112
PROJECT/TASK.....4610/03

AFCRL 68-0514
HARVARD UNIVERSITY
PHYSICS OF FERROMAGNETIC AND FERROELECTRIC MEDIA FINAL REPORT OCT 1968

BY JONES R V

OAR ACCESS NO.....271871-010
DOC NUMBER.....AD680418
INSTR...AF-19(628)5074
PROJECT/TASK.....5635/03

AFCRL 68-0515
UNIVERSITY OF ROCHESTER
SIXTH ORDER CORRELATIONS OF LASER BEAM FLUCTUATIONS NEAR THRESHOLD
PHYSICS LETTERS VOL 27A NO 8 PP579-580 1968

BY DAVIDSON F
MANDEL L

OAR ACCESS NO.....253290-009
DOC NUMBER.....AD679787
INSTR...AF-19(628)5852
PROJECT/TASK.....8643/02

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RADIO CORP OF AMERICA
INTEGRATED LOGIC NETWORKS FINAL REPORT OCT 1968

BY ALLISON J F

OAR ACCESS NO.....272918-001
DOC NUMBER.....AD680411
INSTR...F19628-67-C-0290
PROJECT/TASK.....8641/04

AFCRL 68-0517
AIR FORCE CAMBRIDGE RESEARCH LABS
FACTORS AFFECTING THE APT PICTURE QUALITY
IP NO 149 OCT 1968

BY MYERS R F

OAR ACCESS NO.....264700-001
DOC NUMBER.....AD679932
INSTR...AFCRL-6698-01-01
PROJECT/TASK.....8698/01

AFCRL 68-0519
TECHNICAL OPERATIONS INC
FEASIBILITY STUDY FOR AIRBORNE ICE-CRYSTAL DISDROMETER
FINAL REPORT SEPT 1968

BY SAND J H
DYES W A

OAR ACCESS NO.....273462-001
DOC NUMBER.....AD676991
INSTR...F19628-67-C-0140
PROJECT/TASK.....8620/05

AFCRL 68-0521
UNIVERSITY OF DENVER
LINE PARAMETERS OF THE INFRARED METHANE BANDS
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BY KYLE T G

OAR ACCESS NO.....257970-001
DOC NUMBER.....AD678184
INSTN...AF-19(628)5706
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STANFORD RESEARCH INSTITUTE
ANALYSIS OF LIDAR DATA OBTAINED UNDER CONDITIONS OF LOW CEILING AND VISIBILITY
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BY VICZEE W
UTHE E E

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INSTR...F19628-68-C-0021
PROJECT/TASK.....6670/02

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QUEENS UNIVERSITY
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BY EISSA M
OPIK U

OAR ACCESS NO.....273410-024
DOC NUMBER.....AD679006
INSTN...AF-61(052)00780
PROJECT/TASK.....8627/06

AFCRL 68-0524
QUEENS UNIVERSITY
THE POLARIZATION OF A CLOSED-SHELL CORE OF AN ATOMIC SYSTEM BY AN OUTER ELECTRON II EVALUATION OF THE POLARIZABILITIES FROM OBSERVED SPECTRA
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BY OPIK U

OAR ACCESS NO.....273410-025
DOC NUMBER.....AD679007
INSTN...AF-61(052)00780
PROJECT/TASK.....8627/06

AFCRL 68-0525
QUEENS UNIVERSITY
A SIMPLE METHOD FOR CALCULATING VAN DER WAALS INTERACTIONS
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BY OPIK U

OAR ACCESS NO.....273410-026
DOC NUMBER.....AD679002
INSTN...AF-61(052)00780
PROJECT/TASK.....8627/06

AFCRL 68-0528
AIR FORCE CAMBRIDGE RESEARCH LABS RATURIES
AN AUTOMATIC ELECTRIC ANNEALING FURNACE
IP NO 151 OCT 1968

BY ADAMSKI J A
YASINSKI P A

OAR ACCESS NO.....256120-011
DOC NUMBER.....AD680777
INSTN...AFCRL-5620-05-01
PROJECT/TASK.....5620/05

AFCRL 68-0529
STEVENS INSTITUTE OF TECHNOLOGY
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OAR ACCESS NO.....252691-003
BY BESSE A L — DDC NUMBER.....AD678097
SHUCHATOWITZ J — INSTR...F19628-67-C-0285
TATARIAN A — PROJECT/TASK.....5699/01

AFCRL 68-0530
CARNEGIE-MELLON UNIVERSITY
SEMICONDUCTOR HETEROJUNCTION STRUCTURE STUDIES FINAL REPORT SEPT 1968
OAR ACCESS NO.....268231-002
BY FEICHT D L — DDC NUMBER.....AD681171
MILNES A G — INSTR...F19628-68-C-0179
PROJECT/TASK.....5621/07

AFCRL 68-0531
LABORATORY FOR ELECTRONICS INC
RESEARCH IN FERROMAGNETICS FINAL REPORT SEPT 1968
OAR ACCESS NO.....272752-001
BY AGHISHIAN N — DDC NUMBER.....AD679995
PUTNEY Z — INSTR...F19628-67-C-0172
MARINO M T — PROJECT/TASK.....5632/07
VERONELLI J

AFCRL 68-0532
UNIVERSITY OF FLORENCE
LASER CAVITIES PART I RESEARCH ON OPEN RESONATORS FINAL REPORT MAY 1968
OAR ACCESS NO.....264723-007
BY CHECCACCI P F — DDC NUMBER.....AD677721
CONSORTINI A — INSTR...AF-61/052/00971
SCHEGGI A M — PROJECT/TASK.....4645/02
TORALDO DI FRANCIA G

AFCRL 68-0534
NORWEGIAN DEFENCE RESEARCH ESTABLISHMENT
FIELD DISTRIBUTION AND CURRENT SATURATION IN PHOTOCONDUCTIVE CDS
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BY FOSSUM H J — DDC NUMBER.....AD678247
HANNESTAD A — INSTR...AF-61/052/00958
PROJECT/TASK.....8683/01

AFCRL 68-0535
UNIVERSITY OF LEEDS
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OAR ACCESS NO.....252320-004
BY DARGAN C L — DDC NUMBER.....AD678248
MEYLEN A E D — INSTR...AF-61/052/00812
PROJECT/TASK.....8642/03

AFCRL 68-0536
QUEENS UNIVERSITY
ATOMIC DIPOLE-QUADRUPOLE DISPERSION FORCES
J PHYS B PROC PHYS SOC 1968 SER 2 VOL 1 PP139-144
OAR ACCESS NO.....273410-027
BY DAVISON W D — DDC NUMBER.....AD679305
INSTR...AF-61/052/00780
PROJECT/TASK.....8627/06

AFCRL 68-0537
QUEENS UNIVERSITY
THE HYPERFINE STRUCTURE OF THE 2P 2P LEVELS OF LITHIUM
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OAR ACCESS NO.....273410-028
BY ARDILL R W B — DDC NUMBER.....AD679003
STEWARD A L — INSTR...AF-61/052/00780
PROJECT/TASK.....8627/06

AFCRL 68-0538
UNIVERSITY OF UTAH
ROCKET INSTRUMENTATION FOR AURORAL MEASUREMENTS - AEROBEE 3.015
UU-68-10 SCIENTIFIC REPORT NO 10 SEPT 1968
OAR ACCESS NO.....259531-010
BY HAKEN R D — DDC NUMBER.....AD681468
DUNT D A — INSTR...AF-19/628/04995
HAYCOCK R M — PROJECT/TASK.....7663/03
SELJAAS R G
HOWLETT L C

AFCRL 68-0541
NAVAL POSTGRADUATE SCHOOL
STUDIES IN THE DYNAMICAL PREDICTION AND INTERPRETATION OF WEATHER SYSTEMS FINAL REPORT OCT 1968
OAR ACCESS NO.....267660-003
BY DANARD M B — DDC NUMBER.....AD678081
KRISHNAMURTI T N — INSTR...NIPR -0967-67
MAHLMAN J D — PROJECT/TASK.....8698/02

AFCRL 68-0542
SYRACUSE UNIVERSITY RESEARCH INSTITUTE
ARRAY DESIGN BY MATHER METHODS
SCIENTIFIC REPORT NO 1 OCT 1968
OAR ACCESS NO.....268871-001
BY STRAIT B J — DDC NUMBER.....AD678009
MIHASAWA K — INSTR...F19628-68-C-0180
PROJECT/TASK.....5635/06

AFCRL 68-0543
STANFORD RESEARCH INSTITUTE
GROWTH PROCESSING AND CHARACTERIZATION OF N-SILICON CARRIER SINGLE CRYSTALS
SRI PROJECT NO PRU-6488 SCIENTIFIC REPORT NO 3 AUG 1968
OAR ACCESS NO.....283911-003
BY DANIELLY R W — DDC NUMBER.....AD678880
MUELLER R A — INSTR...F19628-67-C-0243
BARLOW M — PROJECT/TASK.....5620/06

AFCRL 68-0545
MICHIGAN STATE UNIVERSITY
EXPERIMENTAL INVESTIGATION OF THE MODIFICATION OF THE BACKSCATTERING CROSS SECTIONS OF METALLIC OBJECTS
SCIENTIFIC REPORT NO 8 JAN 1969
OAR ACCESS NO.....258330-005
BY VINCENT W C — DDC NUMBER.....AD680412
CHEN K M — INSTR...AF-19(628)/06732
PROJECT/TASK.....5635/02

AFCRL 68-0547
AIR FORCE CAMBRIDGE RESEARCH LABS
AN EVALUATION OF THE ALUMINUM OXIDE HUMIDITY ELEMENT
IP NO 151 OCT 1968
OAR ACCESS NO.....264480-002
BY PROUSAITES P J — DDC NUMBER.....AD681108
INSTR...AFCRL-6870-01-01
PROJECT/TASK.....6670/01

AFCRL 68-0550
AIR FORCE CAMBRIDGE RESEARCH LABS
HUMIDITY UP TO THE MESOPAUSE
AFSG NO 206 OCT 1968
OAR ACCESS NO.....255750-014
BY SISSENWINE N — DDC NUMBER.....AD679996
GRANTHAM D D — INSTR...AFCRL-6824-01-01
SALMELA H A — PROJECT/TASK.....8624/01

AFCRL 68-0551
TECHNISCHE HOCHSCHULE MUNCHEN
ANGLE DEPENDENT REFLECTIVITY OF NATURAL SURFACES 1 - 1P MICRON FINAL REPORT AUG 1968
OAR ACCESS NO.....251261-003
BY AULT H — DDC NUMBER.....AD677870
GOLLE H J — INSTR...AF-61/052/00778
PROJECT/TASK.....7621/03

AFCRL 68-0552
UPPSALA UNIVERSITY
COSMIC RAY INTENSITY VARIATIONS DURING 1967
SCIENTIFIC NOTE NO 5 JULY 1968
OAR ACCESS NO.....269671-006
BY SANDSTROM A E — DDC NUMBER.....AD676977
KANGEDAL B — INSTR...AF-61/052/00868
PROJECT/TASK.....8600/08

AFCRL 68-0553
COLUMBIA UNIVERSITY
RESEARCH DIRECTED TOWARD THE USE OF LONG AND INTERMEDIATE PERIOD SEISMIC WAVES FOR THE IDENTIFICATION OF SEISMIC SOURCES FINAL REPORT SEPT 1968
OAR ACCESS NO.....277521-026
BY MCCAMY K — DDC NUMBER.....AD678557
INSTR...AF-19(628)/04082
PROJECT/TASK.....8652/00

AFCRL 68-0556
VITRO CORP OF AMERICA
DEVELOPMENT AND TESTING OF AIR BALLAST SYSTEMS FINAL REPORT OCT 1968
OAR ACCESS NO.....259540-003
BY DAVIDSON A M JR — DDC NUMBER.....AD678090
INSTR...F19628-67-C-0192
PROJECT/TASK.....6665/01

AFCRL 68-0558
BRANDEIS UNIVERSITY
INTERACTION OF COHERENT LIGHT WITH ATOMIC SYSTEMS FINAL REPORT DEC 1968
OAR ACCESS NO.....252871-011
BY LIPSCHITZ L — DDC NUMBER.....AD681123
PENDLETON H N — INSTR...AF-19(628)/05833
PROJECT/TASK.....8665/02

AFCRL 68-0560
TYCO LABORATORIES INC
STUDY OF KINETICS OF ALKALI METAL DEPOSITION IN NONAQUEOUS SOLUTIONS FINAL REPORT OCT 1968
DAH ACCESS NO.....757100-003
BY CUDLEY D H
HUTLEN J N
DDC NUMBER.....AD681453
INSTR...AF-19(628)5549
PROJECT/TASK.....8659/06

AFCRL 68-0561
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
TEMPERATURE DEPENDENT STUDY OF THE DIELECTRIC DISPERSION OF A VARIETY OF INORGANIC SOLIDS FINAL REPORT SEPT 1968
DAH ACCESS NO.....259300-001
BY PENNY C M
DDC NUMBER.....AD679213
INSTR...AF-19(628)6566
PROJECT/TASK.....5621/05

AFCRL 68-0562
MICHIGAN STATE UNIVERSITY
SCATTERING FROM AN IMPEDANCE LOADED SLOTTED CYLINDER SCIENTIFIC REPORT NO 7 SEPT 1968
DAH ACCESS NO.....258330-006
BY SHORT J R
CHEN K M
DDC NUMBER.....AD680413
INSTR...AF-19(628)5732
PROJECT/TASK.....5635/02

AFCRL 68-0566
INTERNATIONAL BUSINESS MACHINES CORP
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DAH ACCESS NO.....259400-002
BY KENNEDY D P
DDC NUMBER.....AD680001
INSTR...F19628-67-C-0116
PROJECT/TASK.....4600/05

AFCRL 68-0565
UNIVERSITY OF MARYLAND
INVESTIGATIONS OF NITROGEN HAND SYSTEMS PROMINENT IN ELECTRIC DISCHARGES FINAL REPORT MAR 1968
DAH ACCESS NO.....272101-001
BY BENESCH W M
DDC NUMBER.....AD673218
INSTR...AF-19(628)5419
PROJECT/TASK.....8631/03

AFCRL 68-0569
BOSTON UNIVERSITY
VORTEX INDUCED ROLLING MOMENTS ON FINNED MISSILES AT HIGH ANGLE OF ATTACK
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DAH ACCESS NO.....260690-001
BY UDELSON D G
DDC NUMBER.....AD679755
INSTR...F19628-68-C-0149
PROJECT/TASK.....7659/04

AFCRL 68-0570
DANCSVICH C CO INC
THE OSO-III SOLAR ULTRAVIOLET DATA ANALYSIS PROGRAM FINAL REPORT NOV 1968
DAH ACCESS NO.....753691-001
BY VICKSELL F H
DDC NUMBER.....AD677757
INSTR...F19628-67-C-0227
PROJECT/TASK.....6000/00

AFCRL 68-0571
AIR FORCE CAMBRIDGE RESEARCH LABS
NUMERICAL EXPERIMENTS WITH A VERTICALLY PARAMETERIZED MODEL DESIGNED TO STUDY THE EFFECTS OF HIGH-LEVEL HEATING ON THE LARGE-SCALE CIRCULATION OF THE LOWER ATMOSPHERE
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DAH ACCESS NO.....755890-015
BY HERKOFSKY E
SHAPIRO R
DDC NUMBER.....AD679994
INSTR...AFCRL-68-0-01
PROJECT/TASK.....8608/04

AFCRL 68-0572
AIR FORCE CAMBRIDGE RESEARCH LABS
ULTRAVIOLET RADIATION AND THE TERRESTRIAL SURFACE
SPECIAL REPORTS NO 93 NOV 1968
DAH ACCESS NO.....259860-005
BY CRONIN J F
MOLINEUX C F
RODNEY T P
RUSSAKOFF E E
WILLIAMS R S JR
DDC NUMBER.....AD680875
INSTR...AFCRL-68-0-0.
PROJECT/TASK.....7628/05

AFCRL 68-0573
SYLVANIA ELECTRIC PRODUCTS INC
POWER FLOW FROM A SHORT ANTENNA IN A LOSSY UNIAXIAL MEDIUM
RADIO SCIENCE VOL 2 NEW SERIES NO 12 PP1419-1430 DEC 1967
DAH ACCESS NO.....252111-006
BY GALEJS J
DDC NUMBER.....AD680160
INSTR...AF-19(628)5718
PROJECT/TASK.....4642/02

AFCRL 68-0574
SYLVANIA ELECTRIC PRODUCTS INC
SURFACE FIELDS OF LINEAR ANTENNAS IN FREE SPACE DIELECTRIC RODS AND MAGNETIONIC MEDIA
IEEE VOL AES NO 5 PP627-632 MAY 1968 (I IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION VOL AP-16 NO 3 PP378-380 MAY 1968
DAH ACCESS NO.....252111-007
BY GALEJS J
DDC NUMBER.....AD680141
INSTR...AF-19(628)5718
PROJECT/TASK.....4642/02

AFCRL 68-0576
SYLVANIA ELECTRIC PRODUCTS INC
ON ANTENNA IMPEDANCES IN A COLD PLASMA WITH A PERPENDICULAR STATIC MAGNETIC FIELD
S-5180-9 SCIENTIFIC REPORT NO 9 OCT 1968
DAH ACCESS NO.....252111-008
BY GALEJS J
DDC NUMBER.....AD681149
INSTR...AF-19(628)5718
PROJECT/TASK.....4642/02

AFCRL 68-0577
SYLVANIA ELECTRIC PRODUCTS INC
THE INSULATED CYLINDRICAL ANTENNA IMMERSED IN A COMPRESSIBLE PLASMA
S-5154-10 SCIENTIFIC REPORT NO 10 OCT 1968
DAH ACCESS NO.....252111-009
BY GALEJS J
DDC NUMBER.....AD679999
INSTR...AF-19(628)5718
PROJECT/TASK.....4642/02

AFCRL 68-0578
SYLVANIA ELECTRIC PRODUCTS INC
EXPERIMENTAL INVESTIGATION OF MUTUAL ADMITTANCE AND MICROWAVE BREAKDOWN OF SLOT ANTENNAS
ELECTRONIC LETTERS VOL 3 NO 7 PP321-323 JULY 1967 (B) THUR (E)
DAH ACCESS NO.....252111-010
BY MENZIONI M M
DONOHOE J
DDC NUMBER.....AD681148
INSTR...AF-19(628)5718
PROJECT/TASK.....4642/02

AFCRL 68-0579
SYLVANIA ELECTRIC PRODUCTS INC
ELECTRON RECOMBINATION ATTACHMENT AND RELAXATION IN NO AND CO
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DAH ACCESS NO.....252111-011
BY MENZIONI M M
DONOHOE J
DDC NUMBER.....AD680144
INSTR...AF-19(628)5718
PROJECT/TASK.....4642/02

AFCRL 68-0583
MICHIGAN STATE UNIVERSITY
IMPEDANCE-LOADED RECEIVING ANTENNAS WITH MINIMUM BACKSCATTERING AND MAXIMUM RECEIVED POWER
SCIENTIFIC REPORT NO 6 SEPT 1968
DAH ACCESS NO.....258330-007
BY DECK R J
CHEN K M
DDC NUMBER.....AD680414
INSTR...AF-19(628)5732
PROJECT/TASK.....5635/02

AFCRL 68-0584
BRANDEIS UNIVERSITY
RESEARCH IN ASTROPHYSICS FINAL REPORT OCT 1968
DAH ACCESS NO.....251490-004
BY GOLDSTEIN J S
DDC NUMBER.....AD680815
INSTR...AF-19(628)4019
PROJECT/TASK.....9647/01

AFCRL 68-0585
PARAMETRICS INC
RESEARCH IN THE DESIGN DEVELOPMENT AND CONSTRUCTION OF NON-MAGNETIC SENSORS FOR MAGNETIC FIELD-CHARGED PARTICLE CORRELATION STUDIES FINAL REPORT OCT 1968
DAH ACCESS NO.....750180-001
BY SPELLMAN R
MANSER F A
HONERWADLL J E
DDC NUMBER.....AD681654
INSTR...AF-19(628)3896
PROJECT/TASK.....7601/04

AFCRL 68-0586
STANFORD RESEARCH INSTITUTE
LIDAR-RADAR LOWER ATMOSPHERIC OBSERVATIONS FINAL REPORT NOV 1968
DAH ACCESS NO.....258591-002
BY VIEZEE W
GULANAS J
DDC NUMBER.....AD679598
INSTR...F19628-68-C-0021
PROJECT/TASK.....6670/02

AFCRL 68-0588
COSMIC INC
INVESTIGATION OF CURRENT-VOLTAGE CHARACTERISTICS OF SPACECRAFT-MOUNTED EMPIRICAL ELECTROSTATIC ANALYZERS FINAL REPORT SEPT 1968
DAR ACCESS NO.....282459-001
BY SHEA J J
CAMPBELL K H
DDC NUMBER.....AD680616
INSTR...F19628-68-C-0018
PROJECT/TASK.....8617/02

AFCRL 68-0589
BOSTON COLLEGE
EVALUATION OF SEISMIC INSTRUMENTS AND BASIC RESEARCH ON SEISMIC WAVE PROPAGATION FINAL REPORT OCT 1968
DAR ACCESS NO.....283001-002
BY HOGAN J G
BLANEY J J
DEVANE J P
FOLEY T F
HAYNES W F
DDC NUMBER.....AD679556
INSTR...AF-19(628)-6067
PROJECT/TASK.....8652/07

AFCRL 68-0591
ADAMS ASSOCIATES INC
INVESTIGATION OF M460/360 DISPLAY OPERATING SYSTEM IMPROVEMENTS FINAL REPORT DEC 1968
DAR ACCESS NO.....268823-001
BY MCCALPE R M
MORNISTONE J S
DDC NUMBER.....AD679133
INSTR...F19628-68-C-0182
PROJECT/TASK.....4610/02

AFCRL 68-0592
SYSTEM DEVELOPMENT CORPORATION
SUBSTITUTION IN FAMILIES OF LANGUAGES
TM-738/049/00 SCIENTIFIC REPORT NO 28 SEPT 1968
DAR ACCESS NO.....269400-001
BY GINSBURG S
SPANIER E H
DDC NUMBER.....AD680785
INSTR...F19628-67-C-0008
PROJECT/TASK.....5632/04

AFCRL 68-0594
INTERNATIONAL BUSINESS MACHINE CORP
MULTIPURPOSE LOGIC CELL STUDY FINAL REPORT OCT 1968
DAR ACCESS NO.....259750-001
BY BARMAN R
MCMAHON M T JR
BORECKI D
PREUSS R
LIANG L
DDC NUMBER.....AD680404
INSTR...F19628-67-C-0307
PROJECT/TASK.....4641/04

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BLOCK ENGINEERING INC
AN EVALUATION OF METHODS OF MULTIPLEXING AN INFRARED IMAGE AND IMAGING IT IN THE VISIBLE
JOURNAL OF THE OPTICAL SOCIETY OF AMERICA VOL 58 NO 11 NOV 1968 VOL 58 NO 12 DEC 1968
DAR ACCESS NO.....261100-001
BY FOSKETT C T
DDC NUMBER.....AD681469
INSTR...F19628-68-C-0358
PROJECT/TASK.....8602/01

AFCRL 68-0601
SYLVANIA ELECTRIC PRODUCTS INC
RADIATION PATTERNS OF A SLOT ANTENNA IN THE PRESENCE OF A BREAKDOWN SHEATH
S-5158-13 SCIENTIFIC REPORT NO 13 NOV 1968
DAR ACCESS NO.....252111-012
BY MENTZONI M H
DONOHOE J
DDC NUMBER.....AD680000
INSTR...AF-19(628)-5715
PROJECT/TASK.....4642/02

AFCRL 68-0604
COLUMBIA UNIVERSITY
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DAR ACCESS NO.....272521-027
BY MCGARR A
VORMIS R C
DDC NUMBER.....AD679866
INSTR...AF-19(628)-6082
PROJECT/TASK.....8652/00

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BOLT BERANEK AND NEWMAN INC
A SELECTED PSYCHOLINGUISTIC BIBLIOGRAPHY
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DAR ACCESS NO.....251681-009
BY FRASER B
KLATT M H
DDC NUMBER.....AD680002
INSTR...F19628-68-C-0125
PROJECT/TASK.....8668/00

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KAMAN AVIDYNE
VALIDITY OF DETAILED BALLOON SOUNDINGS IN BOOSTER VEHICLE DESIGN
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DAR ACCESS NO.....260970-001
BY ZARTARIAN G
THOMPSON J H
DDC NUMBER.....AD680418
INSTR...F19628-68-C-0205
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DAR ACCESS NO.....PAR181-001
BY ELSCHNER B
DDC NUMBER.....AD681068
INSTR...AF-61(052)-00817
PROJECT/TASK.....9695/02

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SPEECH ANALYZER SYSTEMS FINAL REPORT JUN 1968
DAR ACCESS NO.....268901-002
BY FRY D B
FOURCIN A J
DDC NUMBER.....AD681826
INSTR...AF-61(052)-00690
PROJECT/TASK.....4610/02

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SYLVANIA ELECTRIC PRODUCTS INC
INVESTIGATION OF ANTENNAS IN PLASMA MEDIA FINAL REPORT NOV 1968
DAR ACCESS NO.....252111-013
BY GALEJS J
MENTZONI M H
DDC NUMBER.....AD681150
INSTR...AF-19(628)-5715
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DAR ACCESS NO.....272521-020
BY BUCHBINDER G G R
DDC NUMBER.....AD680896
INSTR...AF-19(628)-6082
PROJECT/TASK.....8652/00

AFCRL 68-0619
DAHLGREN & COMPANY INC
SEVEN PROJECTS IN STELLAR AND UPPER ATMOSPHERIC PHYSICS FINAL REPORT NOV 1968
DAR ACCESS NO.....PSJ691-002
BY MOUDREAU N F
DAHLGOVICH M M
DIETER R
FRIDMAN J D
LAI S T
DDC NUMBER.....AU679758
INSTR...F19628-67-C-0227
PROJECT/TASK.....0800/00

AFCRL 68-0620
NEW MEXICO STATE UNIVERSITY
S-BAND TELEMETRY ANTENNA STUDIES CAVITY-MOUNTED ARRAY SCIENTIFIC REPORT NO 4 OCT 1968
DAR ACCESS NO.....250471-004
BY BULLER J T
MENRY D G
DDC NUMBER.....AD681059
INSTR...AF-19(628)-5923
PROJECT/TASK.....7659/01

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GOODYEAR AEROSPACE CORP
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DAR ACCESS NO.....258300-001
BY GRAHAM J J JR
DDC NUMBER.....AD681455
INSTR...AF-19(628)-5951
PROJECT/TASK.....6682/08

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DAR ACCESS NO.....272521-029
BY ISACKS B
OLIVER J
SYKES L R
DDC NUMBER.....AD680845
INSTR...AF-19(628)-6082
PROJECT/TASK.....8652/00

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GOODYEAR AEROSPACE CORPORATION
INVESTIGATION OF POWERED LIGHTER-THAN-AIR VEHICLES FINAL REPORT NOV 1968
DAR ACCESS NO.....259480-001
BY VORACHEK J J
DDC NUMBER.....AD680839
INSTR...F19628-67-C-0067
PROJECT/TASK.....665 /7

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AIR FORCE CAMBRIDGE RESEARCH LABS
A CLIMATOLOGY OF VERY HIGH ALTITUDE RADAR PRECIPITATION ECHOES
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DAR ACCESS NO.....255750-015
BY KANTOR A J
GRANTHAM D D
DDC NUMBER.....AD681167
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LOCKHEED AIRCRAFT CORP
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BY HERMAN F
KORTUM R L
ORTENBURGER I B
VAN DYKE J P

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DDC NUMBER.....AD681459
INSTR...AF-19(628)-5750
PROJECT/TASK.....5620/08

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UNIVERSITY OF COLORADO
SUNSPOT MOTION STATISTICS
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BY COFFEY M E

OAR ACCESS NO.....260030-003
DDC NUMBER.....AD681456
INSTR...F19628-67-C-0304
PROJECT/TASK.....000D/76

AFCRL 68-0645
QUEEN MARY COLLEGE
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BY CHAPMAN S
KENDALL P C
SWARTZTHAUBER P N
WINDLE D W

OAR ACCESS NO.....250440-011
DDC NUMBER.....AD681438
INSTR...AF-EOAR -0074-66
PROJECT/TASK.....8600/06

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BY VASSY P J

OAR ACCESS NO.....250120-002
DDC NUMBER.....AD681460
INSTR...AF-61(052)-00761
PROJECT/TASK.....4643/02

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PROJECT/TASK.....7634/08

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BY WELDON E J

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DDC NUMBER.....AD654675
INSTR...AF-19(628)-04379
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BY CHANG D C
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OAR ACCESS NO.....271681-013
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INSTR...AF-19(628)-02406
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OAR ACCESS NO.....0000N2-002
BY LIN C C
ST JOHN R M
INSTR...AF-AFOSR-0067-62
PROJECT/TASK.....9767/02

AFOSR 67-0002
UNIVERSITY COLLEGE
HARMONIC GENERATION AT MICROWAVE FREQUENCIES
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OAR ACCESS NO.....01?291-003
BY PHELAN R T
SEXTON M C
DDC NUMBER.....AD644449
INSTR...AF-EOAR -0046-65
PROJECT/TASK.....9767/03

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AHA INC
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OAR ACCESS NO.....014640-001
BY MAZELSKY M
LIU M
DDC NUMBER.....AD646685
INSTR...AF-49?638/01309
PROJECT/TASK.....9781/01

AFOSR 67-0009
STANFORD UNIVERSITY
MODEL OF THE HIGH-ENERGY PHASE OF SOLAR FLARES
NATURE V211 N5050 PP695-697 13 AUG 1966
OAR ACCESS NO.....004562-310
BY STURROCK P A
DDC NUMBER.....AD645801
INSTR...AF-49?638/01321
PROJECT/TASK.....9767/02

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STANFORD UNIVERSITY
A MODEL OF QUASI-STELLAR RADIO SOURCES
NATURE V211 N5050 PP697-700 13 AUG 66
OAR ACCESS NO.....004562-011
BY STURROCK P A
DDC NUMBER.....AD645802
INSTR...AF-49?638/01321
PROJECT/TASK.....9767/02

AFOSR 67-0011
UNIVERSITY OF SOUTHERN CALIFORNIA
HOLE TRAPPING AND THE IONIZATION ENERGY OF NATIVE ACCEPTOR CENTERS IN AGHO
J PHYS CHEM SOLIDS V27 PP1697-1699 1966
OAR ACCESS NO.....020100-002
BY KROGER F A
DDC NUMBER.....AD646413
INSTR...AF-AFOSR-0480-66
PROJECT/TASK.....9710/03

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MELLON INSTITUTE
COMPETITIVE TRAPPING IN SODIUM DISILICATE GLASSES DOPED WITH TRIVALENT EUROPIUM
J PHYS CHEM SOLIDS V27 PP1773-1782 1966
OAR ACCESS NO.....020170-001
BY MACKEY J H
SMITH W L
JACOB N
DDC NUMBER.....AD646433
INSTR...AF-AFOSR-0978-66
PROJECT/TASK.....9710/01

AFOSR 67-0013
DUKE UNIVERSITY
ESR OF FREE RADICALS TRAPPED IN INERT MATRICES AT LOW TEMPERATURE CH SUB3 SIH SUB3 GEH SUB3 AND SNH SUB3
J CHEM PHYS V45 N5 PP1751-1754 1 SEP 1966
OAR ACCESS NO.....000274-004
BY MONEHOUSE W L
CHRISTIANSEN J J
GORDY W
DDC NUMBER.....AD645350
INSTR...AF-AFOSR-0403-66
PROJECT/TASK.....9767/02

AFOSR 67-0014
DUKE UNIVERSITY
ESR OF FREE RADICALS TRAPPED IN INERT MATRICES AT LOW TEMPERATURE P PH SUB2 AND AS
J CHEM PHYS V45 N5 PP1747-1751 1 SEP 1966
OAR ACCESS NO.....000274-005
BY MONEHOUSE R L
CHRISTIANSEN J J
GORDY W
DDC NUMBER.....AD645349
INSTR...AF-AFOSR-0403-66
PROJECT/TASK.....9767/02

AFOSR 67-0015
TEXAS A&M UNIVERSITY
THE INVESTIGATION OF DOUBLE-MINIMUM POTENTIALS IN MOLECULES
J MOL SPECTRY V20 N2 PP107-129 JUN 1966
OAR ACCESS NO.....006911-002
BY COON J D
NAUGLE N W
MCKENZIE R D
DDC NUMBER.....AD645805
INSTR...AF-AFOSR-0326-63
PROJECT/TASK.....9767/01

AFOSR 67-0016
TEXAS A&M UNIVERSITY
THE SPECTRUM OF HCL SUB2 IN THE VACUUM ULTRAVIOLET
J MOL SPECTRY V20 N3 PP217-225 JUL 66
OAR ACCESS NO.....006911-003
BY BELL S
MCKENZIE R D
COON J D
DDC NUMBER.....AD645866
INSTR...AF-AFOSR-0326-63
PROJECT/TASK.....9767/01

AFOSR 67-0017
UNIVERSITY OF WISCSN
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APPL OPT 65 N9 PP1375-1382 SEP 1966
OAR ACCESS NO.....011112-006
BY KRAUSE L
DDC NUMBER.....AD645903
INSTR...AF-AFOSR-0361-65
PROJECT/TASK.....9767/02

AFOSR 67-0018
DUKE UNIVERSITY
ADDITION RADICALS FORMED BY HYDROXYL RADICAL BOMBARDMENT OF URACIL
SCIENCE V153 N3744 PP1649-1650 30 SEP 66
OAR ACCESS NO.....000274-006
BY NERAK J N
GORDY W
DDC NUMBER.....AD644679
INSTR...AF-AFOSR-0403-66
PROJECT/TASK.....9767/02

AFOSR 67-0019
STANFORD UNIVERSITY
STABILITY OF SUPERFLUID FLOW IN AN ANNULUS
PHYS REV LETTERS V17 N14 PP747-750 3 OCT 1966
OAR ACCESS NO.....001793-084
BY DONNELLY R J
FETTER A L
DDC NUMBER.....AD646166
INSTR...AF-49?638/01389
PROJECT/TASK.....9751/01

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UNIVERSITY OF CHICAGO
STABILITY OF SUPERFLUID FLOW IN AN ANNULUS
PHYS REV LETTERS V17 N14 PP747-750 OCT 1966
OAR ACCESS NO.....016540-009
BY DONNELLY R J
FETTER A L
DDC NUMBER.....AD646166
INSTR...AF-AFOSR-0785-65
PROJECT/TASK.....9767/01

AFOSR 67-0020
UNIVERSITY COLLEGE
MEAS CHARACTERISTICS OF A GAAS RHAND-TO-QUAND INLINE FREQUENCY TRIPLER
ELECTRON LETTERS V2 N10 OCT 1966
OAR ACCESS NO.....012291-008
BY PHELAN R T
CHONIN J C
SEXTON M C
DDC NUMBER.....AD646200
INSTR...AF-EOAR -0046-65
PROJECT/TASK.....9767/03

AFOSR 67-0021
TEXAS TECHNOLOGICAL COLLEGE
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OAR ACCESS NO.....012720-035
BY SHINE H J
VENEZIANI C
MACIEL E
DDC NUMBER.....AD646121
INSTR...AF-AFOSR-0023-63
PROJECT/TASK.....9762/03

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OAR ACCESS NO.....019930-002
BY SHINE H J — DDC NUMBER.....AD646424
HUGHES L — INSTR...AF-AFOSR-0975-66
PROJECT/TASK.....9762/03

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UNIVERSITY OF NOTRE DAME
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OAR ACCESS NO.....015090-003
BY ELIEL E L — DDC NUMBER.....AD646402
KNOEBER C — INSTR...AF-AFOSR-0772-65
PROJECT/TASK.....9762/01

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UNIVERSITY OF CHICAGO
ALTERNATE GRADIENT FOCUSING OF MOLECULAR BEAMS
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BY AUERBACH D — DDC NUMBER.....AD646040
BRUNBERG E E A — INSTR...AF-AFOSR-0866-65
WHARTON L — PROJECT/TASK.....9710/03

AFOSR 67-0025
CATHOLIC UNIVERSITY
COLLECTIVE NUCLEAR BREATHING MODE MODEL WITH APPLICATION TO SU84 HE MONOPOLE STATE
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BY BERNTZ C — DDC NUMBER..... ...AD646834
OVERALL H — INSTR...AF-AFOSR-1558-66
PROJECT/TASK..... ..9751/02

AFOSR 67-0026
JOHNS HOPKINS UNIVERSITY
SEARCH FOR A BARYON OF POSITIVE STRANGENESS
NUOVO CIMENTO SER X V45 PP24-37 SEP 66
OAR ACCESS NO.....001733-001
BY MONSE F — DDC NUMBER.....AD646169
MONENSICIN S — INSTR...AF-AFOSR-0234-65
COLE J — PROJECT/TASK.....9751/01
ELLIS D
GILLESPIE E

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INSTITUTE FOR ADVANCED STUDY
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OAR ACCESS NO.....003703-005
BY HARA Y — DDC NUMBER.....AD645902
NAMBU Y — INSTR...AF-AFOSR-0042-65
SCHLECHTER J — PROJECT/TASK.....9751/01

AFOSR 67-0029
OHIO STATE UNIVERSITY
THE REACTION OF CYCLOPROPYL KETONES WITH PHOSPHORUS PENTACHLORIDE
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OAR ACCESS NO.....010521-005
BY NEWMAN M S — DDC NUMBER.....AD645861
KAUGARS G — INSTR...AF-AFOSR-0569-66
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OHIO STATE UNIVERSITY
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OAR ACCESS NO.....010521-006
BY NEWMAN M S — DDC NUMBER.....AD645963
KRAM B C — INSTR...AF-AFOSR-0569-66
PROJECT/TASK.....9762/02

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OREGON STATE UNIVERSITY
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OAR ACCESS NO.....011821-304
BY KICE J L — DDC NUMBER.....AD645909
GUARALDI G — INSTR...AF-AFOSR-0126-65
PROJECT/TASK.....9762/03

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OAR ACCESS NO.....018010-002
BY MANDEL L — DDC NUMBER.....AD646717
WOLF E — INSTR...AF-AFOSR-1202-66
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YESHIVA UNIVERSITY
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OAR ACCESS NO.....005833-003
BY LICH E — DDC NUMBER.....AD646807
INSTR...AF-AFOSR-0508-66
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OAR ACCESS NO.....000581-0.2
BY CONTI P S — DDC NUMBER.....AD645709
DEUTSCH A J — INSTR...AF-49(638)01323
PROJECT/TASK.....9774/01

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PIMONA COLLEGE
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OAR ACCESS NO.....002143-003
BY HENKE B L — DDC NUMBER.....AD646187
INSTR...AF-AFOSR-0089-66
PROJECT/TASK.....9767/01

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STUDIES IN RING EXPANSION FINAL REPORT DEC 1966
OAR ACCESS NO.....012020-001
BY HUCHANAN G L — DDC NUMBER.....AD645888
LARSON A K — INSTR...AF-EOAR-66-36-63
MCCRAE J M — PROJECT/TASK.....9762/02

AFOSR 67-0037
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J APPL PHYS V37 N10 PP3650-3658 SEP 1966
OAR ACCESS NO.....009241-006
BY AUSTIN A E — DDC NUMBER.....AD646847
RICHARD N A — INSTR...AF-AFOSR-0262-63
WOOD V E — PROJECT/TASK.....9761/03

AFOSR 67-0038
UNIVERSITY OF CALIFORNIA
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PHYS REV V160 N1 PP370-375 5 AUG 1966
OAR ACCESS NO.....008461-028
BY MAKI K — DDC NUMBER.....AD645844
INSTR...AF-AFOSR-0610-66
PROJECT/TASK.....9761/01

AFOSR 67-0039
UNIVERSITY OF CALIFORNIA
TOMASCH EFFECT AS A PROBE OF THE DISPERSION RELATION OF ELECTRONS IN GAPLESS SUPERCONDUCTORS
PHYS REV V150 N1 PP356-360 7 OCT 1966
OAR ACCESS NO.....008461-025
BY MAKI K — DDC NUMBER.....AD645846
[illegible] A — INSTR...AF-AFOSR-0610-66
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UNIVERSITY OF CALIFORNIA
EFFECT OF PAULI PARAMAGNETISM ON MAGNETIC PROPERTIES OF HIGH-FIELD SUPERCONDUCTORS
PHYS REV V160 N1 PP362-369 5 AUG 1966
OAR ACCESS NO.....008461-029
BY MAKI K — DDC NUMBER.....AD645848
INSTR...AF-AFOSR-0610-66
PROJECT/TASK.....9761/01

AFOSR 67-0041
UNIVERSITY OF CHICAGO
THEORETICAL AND EXPERIMENTAL STUDIES IN CHEMICAL PHYSICS FINAL REPORT NOV 1966
OAR ACCESS NO.....015060-018
BY RICE S A — DDC NUMBER.....AD645485
INSTR...AF-AFOSR-0781-65
PROJECT/TASK.....9760/01

AFOSR 67-0044
PENNSYLVANIA STATE UNIVERSITY
CHEMICAL PROPERTIES OF LABILE SPECIES FINAL REPORT JAN 1967
OAR ACCESS NO.....010210-004
BY SKELL P S — DDC NUMBER.....AD645538
INSTR...AF-AFOSR-0052-62
PROJECT/TASK.....9760/01

AFOSR 67-0045
MELLON INSTITUT
THERMODYNAMICS AND WAVE PROPAGATION
QUART APPL MATH V24 N3 PP257-262 OCT 66
OAR ACCESS NO.....015270-006
BY COLEMAN B D
GURTIN M E
DDC NUMBER.....AD646188
INSTN...AF-AFOSR-0728-65
PROJECT/TASK.....9749/01

AFOSR 67-0046
UNIVERSITY OF SOUTHERN CALIFORNIA
AN ABSTRACT VARIATIONAL THEORY WITH APPLICATIONS TO A BROAD CLASS OF OPTIMIZATION PROBLEMS I GENERAL THEORY
J SIAM CONTROL V4 N3 PP505-527 1966
OAR ACCESS NO.....019740-002
BY NEUSTADT L W
DDC NUMBER.....AD646415
INSTN...AF-AFOSR-102-66
PROJECT/TASK.....9749/01

AFOSR 67-0047
UNIVERSITY OF CALIFORNIA
MATRICES WITH ZERO TRACE
ISRAEL J MATH V4 N1 PP33-42 MAR 66
OAR ACCESS NO.....014930-015
BY THOMPSON R C
DDC NUMBER.....AD645898
INSTN...AF-AFOSR-0694-65
PROJECT/TASK.....9749/01

AFOSR 67-0048
UNIVERSITY OF CHICAGO
ELECTRON DRIFT VELOCITIES IN LIQUEFIED ARGON AND KRYPTON AT LOW ELECTRIC FIELD STRENGTHS
PHYS REV V150 N1 PP127-145 7 OCT 1966
OAR ACCESS NO.....015060-019
BY SCHNYDERS H
RICE S A
NEVER L
DDC NUMBER.....AD645899
INSTN...AF-AFOSR-0781-65
PROJECT/TASK.....9760/01

AFOSR 67-0049
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
HALOMETHYL-METAL COMPOUNDS VII THE REACTION OF PHENYL /BROMODICHLOROMETHYL/ MERCURY WITH CARBOXYLIC ACIDS
J AM CHEM SOC V88 N20 PP4672-4678 20 OCT 1966
OAR ACCESS NO.....014231-005
BY SEYFERTH D
MUI J Y
DDC NUMBER.....AD646394
INSTR...AF-AFOSR-0502-66
PROJECT/TASK.....9762/02

AFOSR 67-0051
PENNSYLVANIA STATE UNIVERSITY
FLUX GROWTH AND CHARACTERIZATION OF BETA GALLIUM SESQUI OXIDE SINGLE CRYSTALS
J AM CERAM SOC V49 N3 PP168-169 MAR 66
OAR ACCESS NO.....007481-004
BY RUSTUM R
KATZ G
DDC NUMBER.....AD646131
INSTR...AF-AFOSR-0208-63
PROJECT/TASK.....9761/02

AFOSR 67-0052
UNIVERSITY OF MINNESOTA
PARAMAGNETIC RESONANCES OF COPPER (II) MAGNESIUM OXIDE AT 1.2 DEGREES POTASSIUM
PHYS LETTERS V21 N4 PP381-383 JUNE 66
OAR ACCESS NO.....005652-007
BY COFFMAN R E
DDC NUMBER.....AD646412
INSTR...AF-AFOSR-0200-63
PROJECT/TASK.....9763/02

AFOSR 67-0053
UNIVERSITY OF CALIFORNIA
ON THE DIFFRACTION OF MAGNETIC MICROSTRUCTURES WITH CHARGED PARTICLES
PHYS LETTERS V22 N5 PP564-566 SEP 66
OAR ACCESS NO.....018830-042
BY WOHLLEBEN D
DDC NUMBER.....AD646134
INSTR...AF-AFOSR-0631-66
PROJECT/TASK.....9763/02

AFOSR 67-0054
BELL AEROSYSTEMS COMPANY
NONLINEAR PREPROCESSING OF INPUTS TO LINEAR NEURAL NETS
9500-920059 OCT 1966
OAR ACCESS NO.....015341-001
BY GOERNER J G
GEHMAROT L A
POWELL F D
DDC NUMBER.....AD645499
INSTR...AF-49(638)-1627
PROJECT/TASK.....9769/04

AFOSR 67-0055
RUTGERS UNIVERSITY
NUCLEAR MAGNETIC RESONANCE LOCAL-MAGNETIC-FIELD SHIFT IN SOLID XENON
PHYS REV V150 N1 PP180-185 OCT 66
OAR ACCESS NO.....010301-003
BY MORTON G K
LURIE J
FELDMAN J L
DDC NUMBER.....AD645914
INSTR...AF-AFOSR-0726-65
PROJECT/TASK.....9761/01

AFOSR 67-0056
THE UNIVERSITY OF CHICAGO
SELF-DIFFUSION IN TIN AT HIGH PRESSURE
PROC INTERN CONF PHYS SOLIDS HIGH PRESSURES 1ST TUCSON ARIZONA 20-23 APR 1965
OAR ACCESS NO.....010581-001
BY MACHTRIEB N H
COSTON C
DDC NUMBER.....AD645590
INSTR...AF-AFOSR-0600-64
PROJECT/TASK.....9761/03

AFOSR 67-0057
RUTGERS UNIVERSITY
THE N M R LOCAL MAGNETIC FIELD SHIFT IN SOLID KRYPTON
PHYS LETTERS V22 N5 PP560-562 SEP 66
OAR ACCESS NO.....010301-004
BY MORTON G K
LURIE J
DDC NUMBER.....AD645915
INSTR...AF-AFOSR-0726-65
PROJECT/TASK.....9761/01

AFOSR 67-0058
UNIVERSITY OF CALIFORNIA
DYNAMICS AT INFINITE MOMENTUM
PHYS REV V150 N4 PP1313-1318 1966
OAR ACCESS NO.....005134-004
BY WEINBERG S
DDC NUMBER.....AD646409
INSTR...AF-AFOSR 0232-66
PROJECT/TASK.....9751/01

AFOSR 67-0059
UNIVERSITY OF CALIFORNIA
CURRENT-COMMUTATOR CALCULATION OF THE K SUB4 FORM FACTORS
PHYS REV LETTERS V17 N6 PP336-340 1966
OAR ACCESS NO.....005134-005
BY WEINBERG S
DDC NUMBER.....AD646410
INSTR...AF-AFOSR-0232-66
PROJECT/TASK.....9751/01

AFOSR 67-0060
UNIVERSITY OF CAMBRIDGE
SPIN AND STATISTICS IN S-MATRIX THEORY
NUOVO CIMENTO SER X V45 PP205-218 SEP 66
OAR ACCESS NO.....013011-007
BY LU C Y C
OLIVE D I
DDC NUMBER.....AD646162
INSTR...AF-EOAR -0036-65
PROJECT/TASK.....9751/01

AFOSR 67-0062
UNIVERSITY OF NEW SOUTH WALES
POSITRONIUM FORMATION AND REACTIONS
ENDEAVOUR V25 N96 PP16-20 JAN 66
OAR ACCESS NO.....011221-001
BY GREEN J H
DDC NUMBER.....AD645924
INSTR...AF-AFOSR-0961-65
PROJECT/TASK.....9767/01

AFOSR 67-0063
UNIVERSITY OF FLORIDA
DEGENERACY OF CYCLOTRON MOTION
J MATH PHYS V7 N8 PP1401-1412 AUG 1966
OAR ACCESS NO.....018140-002
BY OULOCK A
MCINTOSH H V
DDC NUMBER.....AD646139
INSTR...AF-AFOSR-0471-66
PROJECT/TASK.....9767/01

AFOSR 67-0064
UNIVERSITY OF MINNESOTA
THE METHOD OF WEIGHTED RESIDUALS-A REVIEW
APPL MECH REV V19 N9 PP735-748 SEP 1966
OAR ACCESS NO.....013340-003
BY FINLAYSON B A
SCRIVEN L E
DDC NUMBER.....AD646127
INSTR...AF-AFOSR-0219-63
PROJECT/TASK.....9767/01

AFOSR 67-0065
UNIVERSITY COLLEGE
LASER AND MICROWAVE INTERFEROMETRIC STUDY OF RECOMBINATION IN A HIGHLY IONISED HELIUM PLASMA
ELECTRON LETTERS V2 N4 PP157-158 APR 66
OAR ACCESS NO.....012291-005
BY NEWTON A A
QUINN J M P
SEXTON M C
DDC NUMBER.....AD645952
INSTR...AF-EOAR -0046-65
PROJECT/TASK.....9767/03

AFOSR 67-0066
UNIVERSITE LIBRE DE BRUXELLES
FINITE-TEMPERATURE TRANSPORT PROPERTIES OF NORMAL FERMI SYSTEMS III DISSIPATIVE EFFECTS IN A SIMPLE PERTURBATIVE MODEL
PHYS REV V143 N1 PP110-121 4 MAR 66
OAR ACCESS NO.....002083-003
BY WATABE M
DAGGANIER R
DDC NUMBER.....AD646136
INSTR...AF-EOAR -0052-66
PROJECT/TASK.....9767/01

AFOSR 67-0067
AERONAUTICAL RESEARCH ASSOCIATES OF PRINCETON INC
APPROACH TO THE N-BODY PROBLEM WITH HARD SHERE INTERACTION APPLIED TO THE COLLISION DOMAINS OF THREE BODIES
PHYS REV V150 N1 PP92-100 7 OCT 1966
OAR ACCESS NO.....01C561-003
BY SANDRI G
KRITZ A H
DDC NUMBER.....AD645809
INSTR...AF-49(638)0461
PROJECT/TASK.....9783/02

AFOSR 67-0068
DUKE UNIVERSITY
INTERACTION OF HYDROGEN ATOMS AND HYDROXYL RADICALS WITH 5-HALOGEN URACILS
PROC NATL ACAD SCI V56 N5 PP1384-1390 NOV 1966
OAR ACCESS NO.....000274-007
BY HERAK J N
GORDY W
DDC NUMBER.....AD645568
INSTR...AF-AFOSR-0493-66
PROJECT/TASK.....9767/02

AFOSR 67-0069
OXFORD UNIVERSITY
GIANT PULSE LASER ACTION AT 77 DEGREE K
PROC IEEE V54 N8 PP1122-1123 AUG 1966
OAR ACCESS NO.....000103-003
BY WILLIAMSON R
WALSH D
DDC NUMBER.....AD645894
INSTR...AF-EOAR -0037-65
PROJECT/TASK.....9774/01

AFOSR 67-0070
UNIVERSITY OF CAMBRIDGE
EXTRACTION OF SINGULARITIES FROM THE S MATRIX
J MATH PHYS V7 N8 PP1464-1477 AUG 66
OAR ACCESS NO.....013010-051
BY LANDSHOFF P V
OLIVE D I
DDC NUMBER.....AD645845
INSTR...AF-EOAR -0079-63
PROJECT/TASK.....9750/01

AFOSR 67-0071
UNIVERSITY OF CAMBRIDGE
A CURRENT ALGEBRA RELATION BETWEEN PCAC AND VECTOR MESON DOMINANCE
NUOVO CIMENTO SER X V45 PP680-695 OCT 66
OAR ACCESS NO.....013010-052
BY RENNER B
DDC NUMBER.....AD645804
INSTR...AF-EOAR -0079-63
PROJECT/TASK.....9750/01

AFOSR 67-0072
UNIVERSITY OF CAMBRIDGE
NORMAL THRESHOLD BEHAVIOUR IN THE PRESENCE OF ANOMALOUS THRESHOLDS
NUOVO CIMENTO SER X V45 PP706-711 OCT 66
OAR ACCESS NO.....013010-053
BY BOYLING J B
DDC NUMBER.....AD645865
INSTR...AF-EOAR -0079-63
PROJECT/TASK.....9750/01

AFOSR 67-0073
UNIVERSITY OF COLORADO
THE EFFECTS OF CONTEXT AND OF RATERS ATTITUDES ON JUDGMENTS OF FAVORABLENESS OF STATEMENTS ABOUT A SOCIAL GROUP
J PERSONALITY SOCIAL PSYCHOL V4 N3 PP280-288 1966
OAR ACCESS NO.....013732-003
BY EDRICH H
SELLTIZ C
COOK S W
DDC NUMBER.....AD645868
INSTR...AF-AFOSR-0436-67
PROJECT/TASK.....9778/02

AFOSR 67-0074
OREGON STATE UNIVERSITY
MECHANISMS OF SUBSTITUTION REACTIONS SULFINYL SULFUR SOLVOLYSIS OF ARYL SULFINYL SULFONES IN ACETIC ACID-WATER
J ORG CHEM V31 PP3568-3572 NOV 1966
OAR ACCESS NO.....011821-005
BY KICE J L
GUARALDI G
DDC NUMBER.....AD645910
INSTR...AF-AFOSR-0106-65
PROJECT/TASK.....9762/03

AFOSR 67-0075
OREGON STATE UNIVERSITY
THE MECHANISM OF THE DISPROPORTIONATION OF SULFINIC ACIDS RATE AND EQUILIBRIUM CONSTANTS FOR THE SULFINIC ACID-SULFINYL SULFONE SULFINIC ANHYDRIDE EQUILIBRIUM
J ORG CHEM V31 PP3581-3587 NOV 1966
OAR ACCESS NO.....011821-006
BY KICE J L
GUARALDI G
VENIER C G
DDC NUMBER.....AD645893
INSTR...AF-AFOSR-0106-65
PROJECT/TASK.....9762/03

AFOSR 67-0076
DUKE UNIVERSITY
MICROWAVE SPECTROSCOPY IN THE REGION OF 8-0.4 MILLIMETRES
J PURE APPL CHEM V11 PP403-434 1965
OAR ACCESS NO.....000274-008
BY GORDY W
DDC NUMBER.....AD646182
INSTR...AF-AFOSR-0493-66
PROJECT/TASK.....9767/02

AFOSR 67-0077
NEW YORK UNIVERSITY
MOTION AND DECAY OF A VORTEX RING
PHYS FLUIDS V10 N5 PP901-910 MAY 1967
OAR ACCESS NO.....021860-001
BY YUNG C
TING L
DDC NUMBER.....AD657042
INSTR...AF-AFOSR-1062-66
PROJECT/TASK.....9781/01

AFOSR 67-0081
HOWARD UNIVERSITY
TRANSFER OF TECHNOLOGY TO DEVELOPING COUNTRIES
PAPERS AND PROC CONF WARRENTON VIRGINIA 28-30 APRIL 1966
OAR ACCESS NO.....014621-001
BY SPENCER D L
WORONIAK A
DDC NUMBER.....AD648594
INSTR...AF-AFOSR-0533-66
PROJECT/TASK.....9779/02

AFOSR 67-0082
BATTELLE MEMORIAL INSTITUTE
DOPPLER BROADENING INTEGRALS
MATH COMPUTATION V20 N96 PP810-811 OCT 1966
OAR ACCESS NO.....012200-007
BY WOOD V E
KENAN R P
GLASSER M L
DDC NUMBER.....AD646862
INSTR...AF-AFOSR-0260-63
PROJECT/TASK.....9761/01

AFOSR 67-0083
BATTELLE MEMORIAL INSTITUTE
FIELD DEPENDENCE OF THE KNIGHT SHIFT IN SIMPLE METALS
PHYS LETTERS V22 N3 PP274-275 AUG 1966
OAR ACCESS NO.....012201-002
BY GLASSER M L
DDC NUMBER.....AD646198
INSTR...AF-AFOSR-0260-66
PROJECT/TASK.....9761/01

AFOSR 67-0084
UNIVERSITY OF DELAWARE
SELF-DIFFUSION ON NEARLY PURE METALLIC SURFACES
FUNDAMENTAL PHENOMENA IN THE MATERIALS SCIENCES V3 SURFACE PHENOMENA PP133-151 PLENUM PRESS 1966
OAR ACCESS NO.....006942-001
BY BIRCHENALL C E
WILLIAMS J M
DDC NUMBER.....AD645621
INSTR...AF-49(638)01383
PROJECT/TASK.....9761/03

AFOSR 67-0085
BATTELLE MEMORIAL INSTITUTE
MAGNETIC FIELD DEPENDENCE OF THE KNIGHT SHIFT
PHYS REV V150 N1 PP234-242 7 OCT 1966
OAR ACCESS NO.....012201-003
BY GLASSER M L
DDC NUMBER.....AD646396
INSTR...AF-AFOSR-0260-66
PROJECT/TASK.....9761/01

AFOSR 67-0087
OHIO STATE UNIVERSITY
THE KINETICS OF INVERSION OF 2-METHYLBUTYLMAGNESIUM BROMIDE AND RELATED COMPOUNDS
J AM CHEM SOC V88 N5 PP979-985 5 MAR 1966
OAR ACCESS NO.....013000-003
BY FRAENKEL G
DIX D T
DDC NUMBER.....AD646125
INSTR...AF-AFOSR-0251-63
PROJECT/TASK.....9762/03

AFOSR 67-0088
COLUMBIA UNIVERSITY
GALACTIC MAGNETIC FIELDS
PROC SOLVAY CONF PHYS PROBLEMS DYNAMICS GALAXIES BRUSSELS 13TH 1966 THE STRUCTURE AND EVOLUTION OF GALAXIES
INTERSCIENCE PUBL PP30-41 1965
OAR ACCESS NO.....019290-005
BY WOLTJER L
DDC NUMBER.....AD645704
INSTR...AF-49(638)01358
PROJECT/TASK.....9774/01

AFOSR 67-0089
UNIVERSITY OF BRITISH COLUMBIA
REACTIONS IN FROZEN SOLUTIONS VI THE REACTION OF ETHYLENE CHLORHYDRIN WITH HYDROXYL ION IN ICE
J AM CHEM SOC V88 N19 PP4455-4459 5 OCT 1966
OAR ACCESS NO.....020710-001
BY PINCOCK R E
KIOVSKY T E
DDC NUMBER.....AD645338
INSTR...AF-AFOSR-1102-66
PROJECT/TASK.....9762/03

AFOSR 67-0090
UNIVERSITY OF BRITISH COLUMBIA
KINETICS OF REACTIONS IN FROZEN SOLUTIONS DEMONSTRATION OF A REACTION IN FROZEN AQUEOUS SOLUTIONS
J CHEM EDUC V43 N7 PP358-362 JULY 1966
OAR ACCESS NO.....020710-002
BY PINCOCK R E
KIOVSKY T E
DDC NUMBER.....AD646339
INSTR...AF-AFOSR-1102-66
PROJECT/TASK.....9762/03

AFOSR 67-0091
UNIVERSITY OF BRITISH COLUMBIA
THE MUTAROTATION OF GLUCOSE IN FROZEN AQUEOUS SOLUTIONS
J AM CHEM SOC V88 N20 PP4704-4710 20 OCT 1966
BY PINCOCK R E
KIOVSKY T E
OAR ACCESS NO.....020710-001
DDC NUMBER.....AD646140
INSTR...AF-AFOSR-1102-66
PROJECT/TASK.....9762/03

AFOSR 67-0092
UNIVERSITY OF CHICAGO
PSEUDOPOTENTIAL THEORY OF ATOMIC AND MOLECULAR RYDBERG STATES
J CHEM PHYS V45 N8 PP3004-3014 15 OCT 1966
BY HAZI A U
RICE S A
OAR ACCESS NO.....015060-020
DDC NUMBER.....AD645920
INSTR...AF-AFOSR-0781-65
PROJECT/TASK.....9760/01

AFOSR 67-0093
UNIVERSITY OF CHICAGO
THEORETICAL STUDIES OF TRANSANNULAR INTERACTIONS II THE TRIPLET STATES OF THE PARACYCLOPHANES
J CHEM PHYS V45 N8 PP3015-3021 15 OCT 1966
BY MILLIER I H
GLASS L
RICE S A
OAR ACCESS NO.....015060-021
DDC NUMBER.....AD645923
INSTR...AF-AFOSR-0781-65
PROJECT/TASK.....9760/01

AFOSR 67-0094
CALIFORNIA INSTITUTE OF TECHNOLOGY
MECHANISMS OF PHOTOCHEMICAL REACTIONS IN SOLUTION
XL STERIC HINDRANCE TO ENERGY TRANSFER
J AM CHEM SOC V88 N21 PP4777-4780 6 NOV 1966
BY HENKSTROETER W G
JONES L W
HAMMOND G S
OAR ACCESS NO.....015080-003
DDC NUMBER.....AD645708
INSTR...AF-49(638)-01479
PROJECT/TASK.....9762/01

AFOSR 67-0095
CALIFORNIA INSTITUTE OF TECHNOLOGY
MECHANISMS OF PHOTOCHEMICAL REACTIONS IN SOLUTION STUDY OF ENERGY TRANSFER BY KINETIC SPECTROPHOTOMETRY
J AM CHEM SOC V88 N21 PP4769-4777 5 NOV 1966
BY HENKSTROETER W G
HAMMOND G S
OAR ACCESS NO.....015080-004
DDC NUMBER.....AD645736
INSTR...AF-49(638)-01479
PROJECT/TASK.....9762/01

AFOSR 67-0097
STOCKHOLM UNIVERSITY
NEURAL MECHANISMS INVOLVED IN INSTINCTIVE BEHAVIOR
FINAL REPORT NOV 1966
BY FABRICIUS E
OAR ACCESS NO.....004343-001
DDC NUMBER.....AD645298
INSTR...AF-EOAR -0030-65
PROJECT/TASK.....9777/01

AFOSR 67-0098
INSTITUTO NACIONAL DE TECNICA AEROESPACIAL
DIFFUSION FLAMES AND SUPERSONIC COMBUSTION
FINAL REPORT OCT 1966
BY DA-RIVA I
FRAGA E
LINAN A
URRUTIA J L
OAR ACCESS NO.....013592-001
DDC NUMBER.....AD645163
INSTR...AF-EOAR -0059-65
PROJECT/TASK.....9711/01

AFOSR 67-0099
UNIVERSITY OF ROME
NEUROPHYSIOLOGICAL AND NEUROPHARMACOLOGICAL STUDIES OF CORTICAL EVOKED RESPONSES FINAL REPORT JUNE 1966
BY RICCI G F
OAR ACCESS NO.....012625-002
DDC NUMBER.....AD646152
INSTR...AF-EOAR -0040-66
PROJECT/TASK.....9777/01

AFOSR 67-0101
UNIVERSITY OF MICHIGAN
COMPARISON OF THE ROLES OF THE SUBTHALAMUS AND OF VARIOUS BULBO-MESENCEPHALIC STRUCTURES IN THE MAINTENANCE OF VIGILANCE (FRENCH)
ELECTROENCEPHALOG CLIN NEUROPHYSIOL V20 PP184-194 1966
BY NAQUET R
DENAVIT M
ALME-FESSARD D
OAR ACCESS NO.....004272-006
DDC NUMBER.....AD646113
INSTR...AF-EOAR -0013-63
PROJECT/TASK.....9777/01

AFOSR 67-0102
UNIVERSITY OF MINNESOTA
SUPERCONDUCTING CRITICAL TEMPERATURES OF NONSTOICHIOMETRIC TRANSITION METAL CARBIDES AND NITRIDES
ACTA MET V14 PP1403-1408 1966
BY TOTH L E
WANG C P
YEN C M
OAR ACCESS NO.....020730-002
DDC NUMBER.....AD645523
INSTR...AF-AFOSR-1012-66
PROJECT/TASK.....9761/02

AFOSR 67-0103
UNIVERSITY OF MINNESOTA
SUPERCONDUCTING CRITICAL FIELDS CURRENTS AND TEMPERATURES IN THE NB-ZR-N TERNARY SYSTEM
J PHYS CHEM SOLIDS V27 PP1815-1819 1966
BY TOTH L E
YEN C M
ROSNER L G
ANDERSON O E
OAR ACCESS NO.....020830-003
DDC NUMBER.....AD646225
INSTR...AF-AFOSR-1012-66
PROJECT/TASK.....9761/02

AFOSR 67-0104
UNIVERSITY OF CALIFORNIA
LONG RANGE SPIN-POLARIZATION IN THE KONDO EFFECT
SOLID STATE COMMUN V4 N10 PP487-489 1966
BY SUHL H
OAR ACCESS NO.....00R461-027
DDC NUMBER.....AD645849
INSTR...AF-AFOSR-0610-64
PROJECT/TASK.....9761/01

AFOSR 67-0105
UNIVERSITY OF LUND
LOCALIZATION OF MONOAMINERGIC NEURONS IN THE CENTRAL NERVOUS SYSTEM OF ASTACUS ASTACUS LINNE (CRUSTACEA)
Z ZELLFORSCH V76 PP464-473 1966
BY OLOFSSON H
KAUNI F
NIELSEN S U
STRUMGERS J O
OAR ACCESS NO.....014341-013
DDC NUMBER.....AD646614
INSTR...AF-EOAR -0014-66
PROJECT/TASK.....9777/01

AFOSR 67-0107
UNIVERSITY OF ILLINOIS
A DISTORTION ANALYSIS OF THE MOS TRANSISTOR
SEMICOND PROD SOLID STATE TECH PP39-44 NOV 1966
BY MEIJER R F
SAH C T
OAR ACCESS NO.....003812-010
DDC NUMBER.....AD646611
INSTR...AF-AFOSR-0714-65
PROJECT/TASK.....0976/02

AFOSR 67-0108
YESHIVA UNIVERSITY
ANOMALY IN SPIN-WAVE SPECTRUN OF MAGNETIC METALS
PHYS REV V151 N1 PP278-279 4 NOV 1966
BY HARRIS D C
OAR ACCESS NO.....021260-003
DDC NUMBER.....AD646408
INSTR...AF-AFOSR-1075-66
PROJECT/TASK.....9761/01

AFOSR 67-0109
CALIFORNIA INSTITUTE OF TECHNOLOGY
CONJUGATED DIENES AS QUENCHERS FOR EXCITED SINGLET STATES OF AROMATIC HYDROCARBONS
J AM CHEM SOC V88 PP3664-3666 1966
BY STEPHENSON L M
WHITTEN D G
WESLEY G F
HAMMOND G S
OAR ACCESS NO.....015080-005
DDC NUMBER.....AD645812
INSTR...AF-49(638)-01479
PROJECT/TASK.....9752/01

AFOSR 67-0110
UNIVERSITY OF GLASGOW
BRIDGED RINGS PART XI A NOVEL FRAGMENTATION
TETRAHEDRON LETTERS NO3 PP5303-5306 1966
BY BUCHANAN G L
FERGUSON G
LAWSON A M
POLLARD D R
OAR ACCESS NO.....012020-002
DDC NUMBER.....AD645843
INSTR...AF-EOAR -0036-63
PROJECT/TASK.....9762/02

AFOSR 67-0111
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
HALOVINYL-METAL COMPOUNDS VI PHENYL (CHLOROMETHYL) MERCURY COMPOUNDS THEIR PREPARATION AND SOME CLEAVAGE REACTIONS
J ORGANOMETAL CHEM V6 PP306-315 1966
BY SEYFERTH D
SIMMONS H D JR
OAR ACCESS NO.....014231-006
DDC NUMBER.....AD646416
INSTR...AF-AFOSR-0502-66
PROJECT/TASK.....9762/01

AFOSR 67-0112
KAROLINSKA INSTITUTET
CATECHOLAMINES IN NERVE AND ORGAN GRANULES
MECHANISM RELEASE BIOGENIC AMINES PROC INTERN BENNER-GREN SYMP STOCKHOLM FEBRUARY 1965 PP211-220 1966
BY VON EULER U S
OAR ACCESS NO.....005723-013
DDC NUMBER.....AD646164
INSTR...AF-EOAR -0052-65
PROJECT/TASK.....9777/01

AFOSR 67-0113
UNIVERSITY OF MICHIGAN
ROLE OF TWO THALAMIC NUCLEI IN INSTRUMENTAL CONDITIONING IN THE RAT (FRENCH)
NEUROPSYCHOL V4 PP101-112 1966
BY DELACOUR J
ALME-FESSARD D
LINDSMAN S
OAR ACCESS NO.....004273-003
DDC NUMBER.....AD646163
INSTR...AF-EOAR -0038-65
PROJECT/TASK.....9777/01

AFOSR 67-0118
UNIVERSITY OF MINNESOTA
QUADRATIC CONSTANTS OF THE MOTION FOR THE CLASSICAL HARMONIC OSCILLATOR
AM J PHYS V36 N10 PP963-973 1968
OAR ACCESS NO.....017J10-010
BY BRAGG L E
TURNER L A
DDC NUMBER.....AD685898
INSTR...AF-AFOSR-0883-65
PROJECT/TASK.....9749/02

AFOSR 67-0116
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
EXAMPLES OF DIFFERENTIAL TOPOLOGY WITH SINGULARITIES
(GERMAN)
INVENTIONEN MATH V2 PP1-14 1966
OAR ACCESS NO.....000851-011
BY BRIESKORN E
DDC NUMBER.....AD666116
INSTR...AF-AFOSR-0335-63
PROJECT/TASK.....9749/02

AFOSR 67-0117
OREGON STATE UNIVERSITY
MECHANISMS OF SUBSTITUTION AT SULFINYL SULFUR III THE RELATIVE NUCLEOPHILICITY OF SOME COMMON NUCLEOPHILES TOWARD SULFINYL SULFUR
TETRAHEDRON LETTERS N40 PP6135-6139 1966
OAR ACCESS NO.....011021-007
BY KICE J L
GUARALDI G
DDC NUMBER.....AD648911
INSTR...AF-AFOSR-0106-65
PROJECT/TASK.....9764/03

AFOSR 67-0118
UNIVERSITY OF PISA
REMARKS ON INTEGRAL INEQUALITIES ON COMPLEX MANIFOLDS
ANN SCUOLA NORM SUPER PISA SER3 V20 N3 PP596-611 1966
OAR ACCESS NO.....016790-007
BY VESENTINI E
DDC NUMBER.....AD685900
INSTR...AF-EOAR -0042-65
PROJECT/TASK.....9749/02

AFOSR 67-0119
HARVARD UNIVERSITY
CLASSICAL BEHAVIOR OF SYSTEMS OF QUANTUM OSCILLATORS
PHYS LETTERS V21 N6 PP650-652 JULY 1966
OAR ACCESS NO.....004861-024
BY GLAUBER R J
DDC NUMBER.....AD685718
INSTR...AF-49(638)-013X0
PROJECT/TASK.....9751/01

AFOSR 67-0120
BOSTON UNIVERSITY
EFFECTIVE DELTA I EQUALS ONE HALF RULE IN THE THREE-PION DECAYS OF KAONS
NUOVO CIMENTO SERIE V44 PP1210-1218 AUG 1966
OAR ACCESS NO.....011362-008
BY ROMAN P
YUN S K
DDC NUMBER.....AD685913
INSTR...AF-AFOSR-0385-65
PROJECT/TASK.....9751/01

AFOSR 67-0121
HARVARD UNIVERSITY
SOME REMARKS ON THE FIELD THEORY FOR HIGHER SPIN
PHYS REV LETTERS V17 N19 PP1024-1027 7 NOV 1966
OAR ACCESS NO.....004861-025
BY SHAU-JIN C
DDC NUMBER.....AD685797
INSTR...AF-49(638)-01380
PROJECT/TASK.....9751/01

AFOSR 67-0122
HARVARD UNIVERSITY
MAGNETICALLY CHARGED FIELDS WITH INTEGER SPIN
PHYS REV V150 N4 PP1349-1351 OCT 1966
OAR ACCESS NO.....004861-026
BY YAN T M
DDC NUMBER.....AD685796
INSTR...AF-49(638)-01380
PROJECT/TASK.....9751/01

AFOSR 67-0123
GENERAL PRECISION INC
BIRKHOFF NORMALIZATION PROCESS PROGRAM FOR TIME-INDEPENDENT HAMILTONIAN SYSTEMS
OAR ACCESS NO.....018451-002
BY CHAI W A
KASS S
DDC NUMBER.....AD667194
INSTR...AF-49(638)-01466
PROJECT/TASK.....9749/01

AFOSR 67-0124
NEW YORK UNIVERSITY
CONSTRUCTION OF STEADY-STATE HYDROMAGNETIC DYNAMOS I SPATIALLY PERIODIC FIELDS
MF-53 1.1 MARCH 1967
OAR ACCESS NO.....006274-001
BY CHILDRESS S
INSTR...AF-AFOSR-0815-67
PROJECT/TASK.....9749/01

AFOSR 67-0125
BOSTON UNIVERSITY
TWO-PION DECAYS OF KAONS IN A NOVEL APPROACH TO NONLEPTONIC WEAK PROCESSES
NUOVO CIMENTO SERIE V44 PP1110-1119 21 AUG 1966
OAR ACCESS NO.....011362-009
BY ROMAN P
YUN S K
DDC NUMBER.....AD685912
INSTR...AF-AFOSR-0385-65
PROJECT/TASK.....9751/01

AFOSR 67-0126
UNIVERSITY OF MARYLAND
SUPERCONDUCTIVITY IN A STRONG SPIN-EXCHANGE FIELD
PHYS REV V138 N3A PPA550-A563 3 AUG 1964
OAR ACCESS NO.....001333-013
BY FENNELL R A
FULDE P
DDC NUMBER.....AD646170
INSTR...AF-AFOSR-0735-65
PROJECT/TASK.....9761/01

AFOSR 67-0127
UNIVERSITY OF TORONTO
DISTORTION OF A SHOCK WAVE TRAVERSED BY A VORTEX
UTIAS TECH NOTE 98 JAN 1967
OAR ACCESS NO.....001056-003
BY FILOTAS L T
DDC NUMBER.....AD648759
INSTR...AF-AFOSR-0672-66
PROJECT/TASK.....9781/02

AFOSR 67-0128
UNIVERSITY OF TORONTO
REFRACTION OF SOUND BY JET FLOW AND JET TEMPERATURE II
UTIAS TECHNICAL NOTE NO 110 AUG 1966
OAR ACCESS NO.....001056-004
BY GRANDE E
DDC NUMBER.....AD644806
INSTR...AF-AFOSR-0672-66
PROJECT/TASK.....9781/02

AFOSR 67-0129
UNIVERSITY OF TORONTO
TURBULENCE MEASUREMENTS RELEVANT TO JET NOISE
UTIAS REPORT NO 119 NOV 1966
OAR ACCESS NO.....001055-002
BY CHU W T
DDC NUMBER.....AD645322
INSTR...AF-AFOSR-0672-66
PROJECT/TASK.....9781/02

AFOSR 67-0130
STANFORD UNIVERSITY
INTEGRATED VARIABLE CAPACITORS FOR LARGE CAPACITANCE VARIATIONS
PROC IEEE V54 N11 P1570 NOV 1966
OAR ACCESS NO.....011061-016
BY RAO T N
NEW B
ANDERSON B D
NEWCOMB R W
DDC NUMBER.....AD645867
INSTR...AF-AFOSR-0337-63
PROJECT/TASK.....9749/01

AFOSR 67-0131
THE UNIVERSITY OF MICHIGAN
SOME REMARKS ON AXIALLY-SYMMETRIC POTENTIAL THEORY
J MATH MECH V16 N3 PP203-212 SEP 66
OAR ACCESS NO.....010482-003
BY HEINS A E
DDC NUMBER.....AD645897
INSTR...AF-AFOSR-0374-65
PROJECT/TASK.....9749/01

AFOSR 67-0132
UNIVERSITY COLLEGE
CENTRIFUGAL FIBERS TO THE RETINA OF OCTOPUS VULGARIS
EXPTL NEUROL V15 N1 PP100-112 1966
OAR ACCESS NO.....004346-002
BY LUNO R D
DDC NUMBER.....AD646630
INSTR...AF-EOAR -0053-66
PROJECT/TASK.....9777/01

AFOSR 67-0133
OXFORD UNIVERSITY
SOME TECHNIQUES FOR THE ELECTRICAL BRAIN STIMULATION OF SMALL UNRESTRAINED ANIMALS
MED BIOL ENG V4 PP393-397 1966
OAR ACCESS NO.....006984-001
BY DELIUS J D
DDC NUMBER.....AD646343
INSTR...AF-EOAR -0012-66
PROJECT/TASK.....9777/01

AFOSR 67-0134
OXFORD UNIVERSITY
PENTOBARBITAL ANAESTHESIA IN THE HERRING AND LESSER BLACK-BACKED GULL
J SMALL ANIMAL PRACT V7 PP605-609 1966
OAR ACCESS NO.....006984-002
BY DELIUS J D
DDC NUMBER.....AD646418
INSTR...AF-EOAR -0012-66
PROJECT/TASK.....9777/01

AFOSR 67-0136
INTERNATIONAL BUSINESS MACHINES INC
ON CONSTRUCTING FORMAL INTEGRALS OF A HAMILTONIAN SYSTEM NEAR AN EQUILIBRIUM POINT
ASTRON J V71 N8 PP670-686 OCT 1966
BY GUSTAVSON F G
OAR ACCESS NO.....010011-001
DDC NUMBER.....AD645719
INSTR...AF-49(638)-01474
PROJECT/TASK.....9749/01

AFOSR 67-0137
UNIVERSITY OF MILANO
FLOW OF A RAREFIED GAS IN A TUBE OF ANNULAR SECTION
PHYS FLUIDS V9 N6 PP1174-1178 JUNE 1966
BY DASSANINI P
CERCIGNANI C
SERNAGIOTTO F
OAR ACCESS NO.....018130-002
DDC NUMBER.....AD645697
INSTR...AF-61(052)-00881
PROJECT/TASK.....9783/01

AFOSR 67-0138
UNIVERSITY OF MILANO
VARIATIONAL APPROACH TO BOUNDARY-VALUE PROBLEMS IN KINETIC THEORY
PHYS FLUIDS V9 N6 PP1167-1173 JUNE 1966
BY CERCIGNANI C
PAGONI C D
OAR ACCESS NO.....018130-003
DDC NUMBER.....AD645698
INSTR...AF-61(052)-00881
PROJECT/TASK.....9783/01

AFOSR 67-0139
SPERRY RAND RESEARCH CENTER
LOW-FREQUENCY OSCILLATIONS IN A THERMAL CESIUM PLASMA
J APPL PHYS V37 N10 PP3701-3706 SEP 1966
BY DECKER J A JR
OAR ACCESS NO.....017440-003
DDC NUMBER.....AD645715
INSTR...AF-49(638)-01541
PROJECT/TASK.....9752/01

AFOSR 67-0141
CAMBRIDGE UNIVERSITY
RIGGED HILBERT SPACES IN QUANTUM MECHANICS
COMMUN MATH PHYS V3 PP98-119 1966
BY ROBERTS J E
OAR ACCESS NO.....013011-008
DDC NUMBER.....AD645875
INSTR...AF-EOAR -0036-65
PROJECT/TASK.....9751/01

AFOSR 67-0142
COLUMBIA UNIVERSITY
VARIABLE AIR TRANSFORMER FOR IMPEDANCE MATCHING
REV SCI INSTR V37 N11 PP1625-1626 NOV 66
BY MATTARONI P
SCHREIBER F
OAR ACCESS NO.....019250-010
DDC NUMBER.....AD645412
INSTR...AF-49(638)-01355
PROJECT/TASK.....9731/00

AFOSR 67-0143
COLUMBIA UNIVERSITY
ON THE STRUCTURE OF THE UPPER MANTLE
BULL SEIS SOC AM V56 N5 PP1147-1152 OCT 66
BY LEHMANN I
OAR ACCESS NO.....011391-001
DDC NUMBER.....AD644949
INSTR...AF-AFOSR-0887-65
PROJECT/TASK.....8652/00

AFOSR 67-0144
ARCTIC INSTITUTE OF NORTH AMERICA
VARIATIONS IN SPECTRA OF P WAVES RECORDED AT CANADIAN ARCTIC SEISMOGRAPH STATIONS
CAN J EARTH SCI V3 PP597-621 1966
BY UTSU T
OAR ACCESS NO.....011981-001
DDC NUMBER.....AD644916
INSTR...AF-AFOSR-0702-66
PROJECT/TASK.....8652/00

AFOSR 67-0145
UNIVERSITY OF SOUTHERN CALIFORNIA
GENERAL NECCSSARY CONDITIONS FOR OPTIMIZATION PROBLEMS
PROC NATL ACAD SCI V56 N4 PP1066-1071 OCT 66
BY HALKIN H
NEUSTADT L W
OAR ACCESS NO.....019740-003
DDC NUMBER.....AD644617
INSTR...AF-AFOSR-1029-66
PROJECT/TASK.....9749/01

AFOSR 67-0146
UNIVERSITY OF CALIFORNIA
A REMARK ON THE SINGULAR CAUCHY PROBLEM FOR ALL VALUES OF THE TIME FOR THE EULER-POISSON-DARBOUX EQUATION
J MATH MECH V16 N3 PP197-202 SEP 66
BY DIAZ J B
KIRAN A R
OAR ACCESS NO.....022190-001
DDC NUMBER.....AD646348
INSTR...AF-AFOSR-1122-66
PROJECT/TASK.....9749/01

AFOSR 67-0147
YESHIVA UNIVERSITY
ANALYTIC CONTINUATION AND GLOBAL THEOREMS IN GENERAL RELATIVITY
PERSPECTIVES GEOMETRY RELATIVITY INDIANA U PRESS PP212-216 1966
BY KOMAR A
OAR ACCESS NO.....017090-002
DDC NUMBER.....AD646161
INSTR...AF-AFOSR-0810-65
PROJECT/TASK.....9767/04

AFOSR 67-0148
POLYTECHNIC INSTITUTE OF BROOKLYN
RECORDING AND DISPLAY OF REDUCED BANDWIDTH TV SIGNALS
PIBMRI-1356-66 NOV 1966
BY BALABAN P
OAR ACCESS NO.....001889-028
DDC NUMBER.....AD648228
INSTR...AF-49(638)-01402
PROJECT/TASK.....8751/00

AFOSR 67-0149
POLYTECHNIC INSTITUTE OF BROOKLYN
COMBUSTION INSTABILITY IN LIQUID PROPELLANT ROCKET ENGINES FINAL REPORT OCT 1966
BY AGOSTA V D
HANMEN S S
OAR ACCESS NO.....001893-006
DDC NUMBER.....AD646634
INSTR...AF-49(638)-01263
PROJECT/TASK.....9781/01

AFOSR 67-0151
INNSBRUCK UNIVERSITY
GASDYNAMIC METHODS IN MAGNETOHYDRODYNAMICS FINAL REPORT DEC 1966
BY CAP F
FALSER H
FRIEDEL H
HERRNEGGER F
KERNER G
OAR ACCESS NO.....013288-032
DDC NUMBER.....AD645632
INSTR...AF-61(052)-00675
PROJECT/TASK.....9752/01

AFOSR 67-0152
UNIVERSITY OF DELAWARE
QUANTUM LIMITATIONS TO ELECTROMAGNETIC SIGNAL MEASUREMENTS FINAL REPORT DEC 1966
BY HULGIANO L P JR
OAR ACCESS NO.....010892-006
DDC NUMBER.....AD645640
INSTR...AF-AFOSR-0002-65
PROJECT/TASK.....9768/02

AFOSR 67-0153
STANFORD UNIVERSITY
ON THE BOUNDARY THEORY FOR MARKOV CHAINS II
ACTA MATH V115 PP111-163 1966
BY CHUNG K L
OAR ACCESS NO.....010801-005
DDC NUMBER.....AD645716
INSTR...AF-49(638)-01339
PROJECT/TASK.....9749/02

AFOSR 67-0155
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
MULTIPHOTON MAGNETO-OPTICAL RESONANCE IN PB TE AND INSB
PHYS REV LETTERS V17 N19 PP1005-1007 7 NOV 1966
BY BUTTON K J
LAX B
WEILER M H
HEINE M
OAR ACCESS NO.....007911-088
DDC NUMBER.....AD645699
INSTR...AF-49(638)-01468
PROJECT/TASK.....9764/01

AFOSR 67-0156
UNIVERSITY OF CALIFORNIA
HIGH TEMPERATURE SP-BAND SUPERCONDUCTORS
PHYS V2 N6 PP293-310 1966
BY GEBALLE T H
MATTHIAS B T
REMEIKA J P
CLOGSTON A M
COMPTON V B
OAR ACCESS NO.....018830-044
DDC NUMBER.....AD645851
INSTR...AF-AFOSR-0631-64
PROJECT/TASK.....9763/02

AFOSR 67-0158
UNIVERSITY OF PITTSBURGH
USING CHAIN WITH A SPIN IMPURITY
PHYS REV V151 N1 PP304-311 4 NOV 1966
BY FALK H
OAR ACCESS NO.....003172-027
DDC NUMBER.....AD646341
INSTR...AF-AFOSR-0196-63
PROJECT/TASK.....9763/03

AFOSR 67-0159
UNIVERSITY OF CALIFORNIA
SUPERCONDUCTIVITY AND PARTICLES SIZE IN HETROGENEOUS COPPER LEAD ALLOY /GERMAN/
Z PHYS V186 PP310-318 1965
BY RAUB C J
RAUB E
OAR ACCESS NO.....018830-043
DDC NUMBER.....AD646318
INSTR...AF-AFOSR-0631-64
PROJECT/TASK.....9763/02

AFOSR 67-0160
UNIVERSITY OF CALIFORNIA
HEAT CAPACITY OF ALPHA URANIUM AT A PRESSURE OF 10 KBAR BETWEEN 0.3 AND 6 DEGREES K
PHYS REV LETTERS V17 N13 PP694-696 26 SEP 1966
OAR ACCESS NO.....01A830-048
BY MO J C — DDC NUMBER.....AD648856
PHILLIPS N E — INSTR...AF-AFOSR-0631-66
SMITH T F — PROJECT/TASK.....9763/02

AFOSR 67-0161
JOHN CARROLL UNIVERSITY
MAGNETIC FIELD DEPENDENCE OF ULTRASONIC ATTENUATION OF SHEAR WAVES IN POTASSIUM
PHYS LETTERS V21 N3 PP280-281 15 MAY 1966
OAR ACCESS NO.....011201-004
BY SAID M S — DDC NUMBER.....AD646055
WINLEY J C — INSTR...AF-AFOSR-0862-65
TRIVISONNO J — PROJECT/TASK.....9763/03

AFOSR 67-0162
UNIVERSITY OF MARYLAND
EFFECTS OF ENERGY GAP ANISOTROPY IN PURE SUPERCONDUCTORS
ANN PHYS V40 N2 PP268-295 NOV 66
OAR ACCESS NO.....003333-014
BY CLEM J R — DDC NUMBER.....AD645922
INSTR...AF-AFOSR-0735-65
PROJECT/TASK.....9761/01

AFOSR 67-0163
UNIVERSITY OF UTAH
THE RECRYSTALLIZATION OF 99.997 PER CENT CHROMIUM
J LESS COMMON METALS V11 PP382-391 APR 66
OAR ACCESS NO.....012761-002
BY BRINKMAN C R — DDC NUMBER.....AD646054
PITT C H — INSTR...AF-AFOSR-0039-65
PROJECT/TASK.....9763/01

AFOSR 67-0164
UNIVERSITY OF ROCHESTER
BLOCH EQUATION FOR CONDUCTION-ELECTRON SPIN RESONANCE
PHYS REV V151 N1 PP215-219 NOV 1966
OAR ACCESS NO.....002743-014
BY GASPARI G D — DDC NUMBER.....AD646140
INSTR...AF-AFOSR-0611-66
PROJECT/TASK.....9761/01

AFOSR 67-0165
CALIFORNIA INSTITUTE OF TECHNOLOGY
TRANSFER OF EXCITATION IN SOLUTION
DEC 1966
OAR ACCESS NO.....015080-006
BY MAMMOND G S — DDC NUMBER.....AD645835
INSTR...AF-49(638)-1479
PROJECT/TASK.....9762/01

AFOSR 67-0166
UNIVERSITY OF MARYLAND
CRITICAL CURRENT AND ELECTRON DEPAIRING IN SUPERCONDUCTING FILMS
PHYS REV V131 N6 PP2457-2459 15 SEP 1963
OAR ACCESS NO.....003333-015
BY FERRELL R A — DDC NUMBER.....AD645921
FULDE P — INSTR...AF-AFOSR-0735-65
PROJECT/TASK.....9761/01

AFOSR 67-0167
UNIVERSITY OF MARYLAND
DIELECTRIC CONSTANT OF A SUPERCONDUCTOR
PHYS REV V129 N6 PP2495-2503 15 MAR 1963
OAR ACCESS NO.....003333-010
BY PRANGE R E — DDC NUMBER.....AD646326
INSTR...AF-AFOSR-0735-65
PROJECT/TASK.....9761/01

AFOSR 67-0168
PHILIPS LABORATORIES
DETERMINATION OF APERTURES IN THE FOCUSING PLANE OF X-RAY POWDER DIFFRACTOMETERS
J SCI INSTR V43 PP623-628 SEP 1966
OAR ACCESS NO.....016050-002
BY PARRISH W — DDC NUMBER.....AD646194
MACK M — INSTR...AF-49(638)-01234
TAYLOR J — PROJECT/TASK.....3820/00

AFOSR 67-0169
PHILIPS LABORATORIES
RAY PROOF SLIT MOUNT FOR X-RAY POWDER DIFFRACTOMETERS
REV SCI INSTR V37 N10 PP1400-1402 OCT 1966
OAR ACCESS NO.....016050-003
BY PARRISH W — DDC NUMBER.....AD646195
VAJDA I — INSTR...AF-49(638)-01234
PROJECT/TASK.....3820/00

AFOSR 67-0170
UNIVERSITY OF MARYLAND
SELF-FIELD LIMITING OF JOSEPHSON TUNNELING OF SUPERCONDUCTING ELECTRON PAIRS
PHYS REV LETTERS V10 N11 PP479-481 1 JUN 1963
OAR ACCESS NO.....003333-017
BY PERPELL R A — DDC NUMBER.....AD646081
PRANGE R E — INSTR...AF-AFOSR-0735-65
PROJECT/TASK.....9761/01

AFOSR 67-0171
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
NONLINEAR MAGNETO-OPTICS OF LANDAU ELECTRONS
PHYS REV LETTERS V17 N17 PP923-925 26 OCT 1966
OAR ACCESS NO.....007911-089
BY HANAMURA E — DDC NUMBER.....AD646193
LAX B — INSTR...AF-49(638)-01466
SHIN E E H — PROJECT/TASK.....9766/01

AFOSR 67-0172
UNIVERSITY OF MARYLAND
LIFETIME OF THE NEUTRAL PION
PHYS REV V121 N3 PP886-892 1 FEB 1961
OAR ACCESS NO.....003333-010
BY GLASER V — DDC NUMBER.....AD646327
FERRELL R A — INSTR...AF-AFOSR-0735-65
PROJECT/TASK.....9761/01

AFOSR 67-0173
UNIVERSITY OF MARYLAND
CORRECTIONS TO THE DIELECTRIC CONSTANT OF A DEGENERATE ELECTRON GAS
PHYS REV V129 N3 PP1399-1410 1 FEB 1963
OAR ACCESS NO.....003332-016
BY GLICK A J — DDC NUMBER.....AD646328
INSTR...AF-AFOSR-0048-62
PROJECT/TASK.....9761/01

AFOSR 67-0177
KEIO UNIVERSITY
MECHANISM SUBSERVING COLOR CODING IN THE VERTEBRATE RETINA
FINAL REPORT DEC 1966
OAR ACCESS NO.....900510-001
BY TOMITA T — DDC NUMBER.....AD644893
INSTR...MIPR -0009-65
PROJECT/TASK.....9777/01

AFOSR 67-0178
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
RESEARCH IN SEISMOLOGY
M I T DEPT OF GEOLOGY AND GEOPHYSICS NO S /SEISMOLOGY/ -2
DEC 1966
OAR ACCESS NO.....020510-001
BY PRESS F — DDC NUMBER.....AD643966
TOKSOZ M N — INSTR...AF-49(638)-01632
PROJECT/TASK.....8652/00

AFOSR 67-0187
CORNELL UNIVERSITY
RADAR OBSERVATIONS OF THE SOLAR SYSTEM
DISCOVERY V27 N8 PP22-25 AUG 1966
OAR ACCESS NO.....500080-029
BY DYCE R B — DDC NUMBER.....AD646175
INSTR...AF-49(638)-01196
PROJECT/TASK.....2838/00

AFOSR 67-0188
DUKE UNIVERSITY
TRIPLET-STATE ELECTRON SPIN RESONANCE OF AN H-ATOM-METHYL-RADICAL COMPLEX IN A SOLID MATRIX
PHYS REV V151 N1 PP207-210 4 NOV 1966
OAR ACCESS NO.....000276-009
BY GORDY W — DDC NUMBER.....AD645569
MOREHOUSE R — INSTR...AF-AFOSR-0493-66
PROJECT/TASK.....9767/02

AFOSR 67-0189
CORNELL UNIVERSITY
MAPPING OF LUNAR RADAR REFLECTIVITY AT 70 CENTIMETERS
J GEOPHYS RES V71 N20 PP4843-4853 15 OCT 1966
OAR ACCESS NO.....500080-030
BY THOMPSON T W — DDC NUMBER.....AD646176
DYCE R B — INSTR...AF-49(638)-01196
PROJECT/TASK.....2838/00

AFOSR 67-0190
COLUMBIA UNIVERSITY
SPECTRAL SHIFTS IN QUASI-STELLAR OBJECTS
ASTROPHYS J V146 N2 PP523-527 NOV 1966
OAR ACCESS NO.....019290-006
BY MOERDLINGER P D — DDC NUMBER.....AD646160
JOKIPII J R — INSTR...AF-49(638)-01358
WOLTJER L — PROJECT/TASK.....9776/01

AFOSR 67-0191
UNIVERSITY OF LEICESTER
UNSTABLE INTERMEDIATES PART XI SOLVATED ELECTRONS ELECTRON-CATION INTERACTIONS IN POTASSIUM-AMINE SOLUTIONS
J CHEM SOC SECT A PP1920-1915 1966
DAR ACCESS NO.....010671-003
BY CATTERALL R — DOC NUMBER.....AD646197
SYMONS M C R — INSTR...AF-EOAR -0080-66
TIPPING J W — PROJECT/TASK.....9710/01

AFOSR 67-0192
SYRACUSE UNIVERSITY
RELATIVISTIC TRANSFORMATION LAWS FOR THERMODYNAMICAL VARIABLES WITH APPLICATION TO THE CLASSICAL ELECTRON THEORY
NUOVO CIMENTO SERIE X VOL PP604-606 1 OCT 1966
DAR ACCESS NO.....002078-005
BY SYNGE J L — DOC NUMBER.....AD646072
INSTR...AF-AFOSR-0780-65
PROJECT/TASK.....9767/04

AFOSR 67-0193
MELLON INSTITUTE
GENERALIZED OSCILLATOR STRENGTHS AT SMALL MOMENTUM CHANGES FOR THE ONE-SINGLET S TO TWO-SINGLET S TRANSITION IN HELIUM
J CHEM PHYS V45 N3 PP1077-1078 AUG 1966
DAR ACCESS NO.....012990-002
BY SREHOLF A — DOC NUMBER.....AD646183
LASSETRE E N — INSTR...AF-AFOSR-0061-63
PROJECT/TASK.....9767/02

AFOSR 67-0194
MELLON INSTITUTE
QUADRUPOLE-ALLOWED TRANSITIONS IN THE ELECTRON-IMPACT SPECTRUM OF NITROGEN
J CHEM PHYS V45 N9 PP3214-3224 1 NOV 1966
DAR ACCESS NO.....012990-003
BY LASSETRE E N — DOC NUMBER.....AD646184
SREHOLF A — INSTR...AF-AFOSR-0061-63
MEYER V D — PROJECT/TASK.....9767/02

AFOSR 67-0195
WAYNE STATE UNIVERSITY
PREPARATION OF ORIENTED MERCURY SINGLE CRYSTALS
MATER RES BULL V1 N1 PP13-16 SEP 1966
DAR ACCESS NO.....008592-005
BY HOHN R V — DOC NUMBER.....AD646335
WU M C — INSTR...AF-AFOSR-0695-64
TEPLEY N — PROJECT/TASK.....9763/02

AFOSR 67-0196
UNIVERSITY OF MANITOBA
ELECTRON PARAMAGNETIC RESONANCE OF METHYL RADICALS ON POROUS GLASS SURFACE
SCIENCE V154 N3748 PP381-382 21 OCT 1966
DAR ACCESS NO.....019340-001
BY FUJIMOTO M — DOC NUMBER.....AD646336
GESSER H D — INSTR...AF-AFOSR-0662-66
COHEN A — PROJECT/TASK.....9760/02
GARNETT B

AFOSR 67-0197
UNIVERSITY OF WISCONSIN
DECAMETHYLCYCLOPENTASILANE AND OCTAMETHYLCYCLOPENTASILANE
J ORGANOMETAL CHEM V6 PP582-583 1966
DAR ACCESS NO.....019960-001
BY WEST R — DOC NUMBER.....AD646344
CARMELRY P — INSTR...AF-AFOSR-1061-66
PROJECT/TASK.....9762/02

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CARNEGIE INSTITUTE OF TECHNOLOGY
THE 2139.0 A/ MERCURY-PHOTOSENSITIZED DECOMPOSITION OF MONOSILANE
J PHYS CHEM V70 N10 PP3158-3162 OCT 1966
DAR ACCESS NO.....008711-004
BY ROUSSEAU Y — DOC NUMBER.....AD646335
GILBERT J MAINS G J — INSTR...AF-AFOSR-0513-66
PROJECT/TASK.....9760/02

AFOSR 67-0199
UNIVERSITY OF OSLO
NEW INVESTIGATION OF THE SUPERI S SUPERD-AUTOIONIZING STATES OF HE AND H
J CHEM PHYS V45 N6 PP2209-2216 15 SEP 1966
DAR ACCESS NO.....014862-001
BY OLDIEN F — DOC NUMBER.....AD646337
MIDTDAL J — INSTR...AF-EOAR -0531-66
PROJECT/TASK.....9763/01

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HARVARD UNIVERSITY
A SINO-SOVIET CULTURAL FRONTIER THE ILI KAZAKH AUTONOMOUS CHOU
HARVARD U PRESS CAMBRIDGE MASS 1966
DAR ACCESS NO.....019160-002
BY MOSELEY G — DOC NUMBER.....AD668870
INSTR...AF-49/638/01399
PROJECT/TASK.....9768/00

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MASSACHUSETTS INSTITUTE OF TECHNOLOGY
HALOMETHYL METAL COMPOUNDS IV THE REACTIONS OF PHENYL MAGNESIUMCHLOROMETHYL MERCURY WITH ALCOHOLS
J ORG CHEM V31 PP4079-4081 DEC 1966
DAR ACCESS NO.....018231-007
BY SEYFERTH D — DOC NUMBER.....AD646205
NAI V A — INSTR...AF-AFOSR-0502-66
NUI J Y P — PROJECT/TASK.....9762/02
DAMRAGH K V

AFOSR 67-0202
NORTH AMERICAN AVIATION INC
COUPLING OF OPTO-ELECTRONIC DEVICES BY A THIN-FILM TRANSMISSION LINE
PROC IEEE V54 N6 PP977-978 JULY 1966
DAR ACCESS NO.....016580-002
BY DOLOCE J G — DOC NUMBER.....AD646101
FRENCH B T — INSTR...AF-49/638/01504
PROJECT/TASK.....9768/03

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MASSACHUSETTS INSTITUTE OF TECHNOLOGY
HALOGENATED ORGANOTIN COMPOUNDS AS CX SUBB TRANSFER AGENTS
J ORGANOMETAL CHEM V6 PP573-578 1966
DAR ACCESS NO.....018231-008
BY SEYFERTH D — DOC NUMBER.....AD646206
ARMBRECHT F M JR — INSTR...AF-AFOSR-0502-66
PRUKAI H — PROJECT/TASK.....9762/01
CRUSS R J

AFOSR 67-0204
UNIVERSITY OF IOWA
SYNTHESES OF CYCLOPENTADIENIDE DERIVATIVES
INORG NUCL CHEM LETTERS V2 PP283-288 1966
DAR ACCESS NO.....015190-002
BY HUNT C C — DOC NUMBER.....AD646071
DOYLE J M — INSTR...AF-AFOSR-0763-65
PROJECT/TASK.....9710/01

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UNIVERSITY OF CINCINNATI
CILIA REGENERATION IN THE SEA URCHIN EMBRYO
NIOL BULL V131 N2 P379 OCT 1966
DAR ACCESS NO.....020551-001
BY AUCLAIR W — DOC NUMBER.....AD646213
SIEGEL B W — INSTR...AF-AFOSR-0964-66
PROJECT/TASK.....9777/01

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UNIVERSITY OF CINCINNATI
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SCIENCE V154 N3750 PP913-915 NOV 1966
DAR ACCESS NO.....020551-002
BY AUCLAIR W — DOC NUMBER.....AD646211
SIEGEL B W — INSTR...AF-AFOSR-0964-66
PROJECT/TASK.....9777/01

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UNIVERSITY OF OSLO
RHYTHMIC ACTIVITY IN A SIMULATED NEURONAL NETWORK
J PHYSIOL V185 PP418-428 1966
DAR ACCESS NO.....019620-001
BY ANDERSEN P — DOC NUMBER.....AD646115
GILLUM N — INSTR...AF-EOAR -0010-65
HUDJORD T — PROJECT/TASK.....9777/01

AFOSR 67-0208
UNIVERSITY OF WISCONSIN
ANIONIC REARRANGEMENT OF HYDRAZINES II ISOMERS OF DIS /ORGANOSILYL/ HYDRAZINES
J AM CHEM SOC V88 N20 PP4688-4692 20 OCT 1966
DAR ACCESS NO.....019960-002
BY WEST R — DOC NUMBER.....AD646208
ISHIKAWA N — INSTR...AF-AFOSR-1061-66
BAILEY R F — PROJECT/TASK.....9762/02

AFOSR 67-0209
THE UNIVERSITY OF CANTERBURY
A NEW POLAR AXIS MOTION SYSTEM
PROC INST RADIO ELEC ENGRS /AUSTRALIA/ V27 N3 MAR 1966
DAR ACCESS NO.....010570-001
BY MANCHESTER R N — DOC NUMBER.....AD646192
TURNER P J — INSTR...AF-AFOSR-0398-62
PROJECT/TASK.....9774/01

AFOSR 67-0210
UNIVERSITY OF ROCHESTER
DEGREE OF COHERENCE OF AN ANBC. MANY ONDER
NUOVO CIMENTO SERK V46 PP280-287 11 OCT 1966
OAR ACCESS NO.....000623-007
BY MEHTA C L
DOC NUMBER.....AD646117
INSTR...AF-AFOSR-0937-65
PROJECT/TASK.....9767/02

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CORNELL UNIVERSITY
RADIO ROTATION PERIOD OF JUPITER
SCIENCE V154 N3746 PP297-284 14 OCT 1966
OAR ACCESS NO.....000080-031
BY GULKIS S
DOC NUMBER.....AD646171
CARR T D
INSTR...AF-49(638)-01158
PROJECT/TASK.....2838/00

AFOSR 67-0212
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
MAGNETO-OPTICAL PHENOMENA
J PHYS SOC JAPAN V21 SUPPL PP166-173 1966
OAR ACCESS NO.....007911-090
BY LAX B
DOC NUMBER.....AD646179
INSTR...AF-49(638)-01466
PROJECT/TASK.....9764/01

AFOSR 67-0213
AVCO EVERETT RESEARCH LABORATORY
VAN ALLEN BELT PLASMA PHYSICS
RESEARCH REPORT 259 DEC 1966
OAR ACCESS NO.....002272-004
BY KENNEL C F
DOC NUMBER.....AD804319
PETSCHEK H E
INSTR...AF-49(638)-01483
PROJECT/TASK.....9752/01

AFOSR 67-0214
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
FAR INFRARED RESONANT ABSORPTION IN N-TYPE SILICON
J PHYS SOC JAPAN V21 SUPPL PP582-586 1966
OAR ACCESS NO.....007911-091
BY NEURINGER L J
DOC NUMBER.....AD646177
MILWARD H C
INSTR...AF-49(638)-01466
AGGARWAL H L
PROJECT/TASK.....9764/01

AFOSR 67-0215
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
OBSERVATION OF QUANTUM SPIN AND HIGH FIELD DAMPING EFFECTS
IN MICROWAVE HELICON PROPAGATION IN DEGENERATE
SEMICONDUCTOR PLASMAS
J PHYS SOC JAPAN V21 SUPPL PP713-717 1966
OAR ACCESS NO.....007911-092
BY FURDYNA J K
DOC NUMBER.....AD646178
INSTR...AF-49(638)-01466
PROJECT/TASK.....9764/01

AFOSR 67-0216
UNIVERSITY OF OKLAHOMA
GENERALIZED LINEAR DIFFERENTIAL SYSTEMS AND RELATED
RICCATI MATRIX INTEGRAL EQUATIONS
ILL J MATH V10 N4 PP701-722 1966
OAR ACCESS NO.....008233-001
BY REID W T
DOC NUMBER.....AD646065
INSTR...AF-AFOSR-0749-65
PROJECT/TASK.....9769/02

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BROWN UNIVERSITY
TORSION IN LIE GROUPS AND RELATED SPACES
TOPOLOGY V5 PP347-354 1966
OAR ACCESS NO.....018460-001
BY HARRIS B
DOC NUMBER.....AD646190
INSTR...AF-AFOSR-0665-66
PROJECT/TASK.....9769/02

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UNIVERSITY OF MINNESOTA
ACID-BASE INDICATOR PROPERTIES OF SULFONEPHTHALEINS AND
BENZEINS IN ACETONITRILE
PROC NATL ACAD SCI V56 N5 PP1370-1376 NOV 1966
OAR ACCESS NO.....012231-002
BY KOLTHOFF I M
DOC NUMBER.....AD646114
MAIRNIK S
INSTR...AF-AFOSR-0028-65
CHANTOONI M K JR
PROJECT/TASK.....9710/03

AFOSR 67-0219
UNIVERSITY OF CALIFORNIA
DI-T-BUTYL HYPONITRITE A CONVENIENT SOURCE OF T-BUTOXY
RADICALS
TETRAHEDRON LETTERS N49 PP6163-6168 1966
OAR ACCESS NO.....014381-001
BY KIEFER H
DOC NUMBER.....AD646214
TRAYLOR T G
INSTR...AF-AFOSR-0514-66
PROJECT/TASK.....9762/02

AFOSR 67-0220
UNIVERSITY OF CALIFORNIA
RADICAL-IONIC REACTION MECHANISMS HOMOLYSIS OF THE
CARBONIUM ION T-BUTYL TRIPHENYLPERACETATE
J AM CHEM SOC V88 N22 PP5228-5236 20 NOV 1966
OAR ACCESS NO.....018380-004
BY JUNCH G R JR
DOC NUMBER.....AD646210
TRAYLOR T G
INSTR...AF-AFOSR-0514-66
PROJECT/TASK.....9762/02

AFOSR 67-0222
TEXAS A AND M UNIVERSITY
DEUTERON POLARIZATION AND NEUTRON FORM FACTORS
NUOVO CIMENTO SER X V48 PP68-77 11 NOV 1966
OAR ACCESS NO.....017480-004
BY UMRAJEE R K
DOC NUMBER.....AD646331
INSTR...AF-AFOSR-0918-65
PROJECT/TASK.....9751/02

AFOSR 67-0223
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
TRANSLATION-INVARIANT DIRICHLET ALGEBRAS ON COMPACT GROUPS
PROC AM MATH SOC V17 N5 PP977-983 OCT 1966
OAR ACCESS NO.....000451-012
BY HELDER D
DOC NUMBER.....AD646332
INSTR...AF-AFOSR-0335-63
PROJECT/TASK.....9749/02

AFOSR 67-0224
TEXAS A AND M UNIVERSITY
COUPLED CHANNEL SCHRODINGER-EQUATION MODEL FOR NEUTRON-
ALPHA AND DEUTERON-TRITON SCATTERING I
PHYS REV V151 N3 PP819-826 18 NOV 1966
OAR ACCESS NO.....017480-005
BY DEFACIO W M
DOC NUMBER.....AD646110
UMERJEE R K
INSTR...AF-AFOSR-0918-65
GAMMEL J L
PROJECT/TASK.....9751/02

AFOSR 67-0225
UNIVERSITY OF MINNESOTA
ACID-BASE PROPERTIES OF MONO-AND DINITROPHENOLS IN
ACETONITRILE
J AM CHEM SOC V88 N23 PP5430-5439 5 DEC 1966
OAR ACCESS NO.....012231-003
BY KOLTHOFF I M
DOC NUMBER.....AD646317
CHANTOONI M K JR
INSTR...AF-AFOSR-0028-65
BHOWMIK S
PROJECT/TASK.....9710/03

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UNIVERSITY OF CHICAGO
THEORETICAL STUDIES OF TRANSANNULAR INTERACTIONS III THE
ABSORPTION AND EMISSION SPECTRA OF A MULTILAYERED
PARACYCLOPHANE
J AM CHEM SOC V88 N22 PP5063-5067 20 NOV 1966
OAR ACCESS NO.....015060-022
BY MILLIER I H
DOC NUMBER.....AD646112
GLASS L
INSTR...AF-AFOSR-0781-65
VICE S A
PROJECT/TASK.....9760/01

AFOSR 67-0227
UNIVERSITY OF MICHIGAN
INFERENCES ABOUT CORRELATIONS
PSYCHON SCI V6 N6 PP253-254 1966
OAR ACCESS NO.....022070-001
BY MEACH L B
DOC NUMBER.....AD646191
SCOPP T S
INSTR...AF-49(638)-01731
PROJECT/TASK.....9778/01

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UNIVERSITY OF GEORGIA
COMPUTERS IN PSYCHOPHYSIOLOGY
CHARLES C THOMAS PUBLISHER SPRINGFIELD ILLINOIS 1966
OAR ACCESS NO.....008334-001
BY ZIMMER H
DOC NUMBER.....AD646042
INSTR...AF-AFOSR-0257-65
PROJECT/TASK.....9778/01

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THE UNIVERSITY OF TEXAS
HIGH POWER RF PLASMA HEATING AND WAVE PROPAGATION NEAR THE
FUNDAMENTAL AND HARMONICS OF THE ION CYCLOTRON FREQUENCY
JSEP TECHNICAL REPORT NO 26 SEPT 1966
OAR ACCESS NO.....015241-023
BY KRISTIANSEN M
DOC NUMBER.....AD803584
DOUGAL A A
INSTR...AF-AFOSR-0766-66
PROJECT/TASK.....4751/00

AFOSR 67-0230
AVCO EVERETT RESEARCH LABORATORY
WEAK HYDRAULIC JUMPS IN SHALLOW WATER
RESEARCH REPORT 260 OCT 1966
OAR ACCESS NO.....002272-003
BY BITTING J
DOC NUMBER.....AD642017
INSTR...AF-49(638)-01483
PROJECT/TASK.....9752/01

AFOSR 67-0231
HOWARD UNIVERSITY
MILITARY TRANSFER OF TECHNOLOGY
MARCH 1967
OAR ACCESS NO.....016022-002
BY SPENCER D L
DOC NUMBER.....AD660537
INSTR...AF-AFOSR-0633-67
PROJECT/TASK.....9779/02

AFOSR 67-0232
POLYTECHNIC INSTITUTE OF BROOKLYN
DIHEDRAL OPTICAL RESONATORS AND PRISM BEAM-WAVEGUIDES
PIBMRI-1290-66 SEPT 1966
OAR ACCESS NO.....001865-039
BY KAHN W K
INSTR...AF-49(638)-1402
PROJECT/TASK.....9751/00

AFOSR 67-0233
PRINCETON UNIVERSITY
APPROXIMATE FORCE CONSTANTS FOR TETRAHEDRAL METAL CARBONYLS AND NITROSYLS
INORG CHEM V5 N11 PP1960-1968 NOV 1966
OAR ACCESS NO.....013391-002
BY VAN HECKE G R
HORROCKS W D JR
DOC NUMBER.....AD646199
INSTR...AF-49(638)-1492
PROJECT/TASK.....9710/01

AFOSR 67-0234
PRINCETON UNIVERSITY
THE THERMAL DECOMPOSITION OF COPPER /II/ CHELATES OF N-SUBSTITUTED THIOPICOLINAMIDES
INORG CHEM V5 N10 PP1816-1818 OCT 1966
OAR ACCESS NO.....013391-003
BY KLUIBER R W
HORROCKS W D JR
DOC NUMBER.....AD646201
INSTR...AF-49(638)-1492
PROJECT/TASK.....9710/01

AFOSR 67-0235
PRINCETON UNIVERSITY
ENVIRONMENTAL EFFECTS ON THE INFRARED FREQUENCIES OF POLYATOMIC MOLECULES EVALUATION OF PERTURBATION-THEORY PARAMETERS FOR HCN AND DCN
J CHEM PHYS V45 N4 PP1278-1286 15 AUG 1966
OAR ACCESS NO.....013391-004
BY MANN D M
HORROCKS W D JR
DOC NUMBER.....AD646202
INSTR...AF-49(638)-1492
PROJECT/TASK.....9710/01

AFOSR 67-0236
PRINCETON UNIVERSITY
DITERTIARY PHOSPHINE COMPLEXES OF NICKEL SPECTRAL MAGNETIC AND PROTON RESONANCE STUDIES A PLANAR-TETRAHEDRAL EQUILIBRIUM
INORG CHEM V5 N11 PP1968-197A NOV 1966
OAR ACCESS NO.....013391-005
BY VAN HECKE G R
HORROCKS W D JR
DOC NUMBER.....AD646203
INSTR...AF-49(638)-1492
PROJECT/TASK.....9710/01

AFOSR 67-0237
UNIVERSITY OF CALIFORNIA
OPTICAL PROPERTIES OF A-VNS IN THE FUNDAMENTAL ABSORPTION REGION
J PHYS SOC JAPAN V21 SUPPL PP623-626 1966
OAR ACCESS NO.....009061-010
BY HUFFMAN D R
WILD R L
CALLAWAY J
DOC NUMBER.....AD646322
INSTR...AF-AFOSR-0523-66
PROJECT/TASK.....9763/02

AFOSR 67-0238
WASHINGTON UNIVERSITY
GROUND STATE OF LIQUID HELIUM-BOSON SOLUTIONS FOR MASS 3 AND 4
PHYS REV V151 N1 PP153-166 NOV 66
OAR ACCESS NO.....006671-010
BY MASSEY W E
DOC NUMBER.....AD646323
INSTR...AF-AFOSR-0412-62
PROJECT/TASK.....9751/03

AFOSR 67-0239
INSTITUTE FOR ADVANCED STUDY
COMMUTATION RELATIONS OF HARYON CURRENTS
PHYS REV V151 N4 PP1215-1225 25 NOV 1966
OAR ACCESS NO.....007783-006
BY HWA R C
NUYTS J
DOC NUMBER.....AD646324
INSTR...AF-AFOSR-0042-65
PROJECT/TASK.....9751/01

AFOSR 67-0240
STANFORD UNIVERSITY
TREATMENT OF THE EFFECT OF EXCLUDED VOLUME AND DEDUCTION OF UNPERTURBED DIMENSIONS OF POLYMER CHAINS CONFIGURATIONAL PARAMETERS FOR CELLULOSE DERIVATIVES
MAKROMOL CHEM V98 N2178 PP128-135 1966
OAR ACCESS NO.....010391-023
BY FLORY P J
DOC NUMBER.....AD646206
INSTR...AF-49(638)-1341
PROJECT/TASK.....9760/03

AFOSR 67-0241
UNIVERSITY OF TEXAS
AROMATIC OXIDATION BY ELECTRON TRANSFER I ORIDATIONS OF SUBP-METHOXYTOLUENE
J AM CHEM SOC V88 N23 PP5473-5478 5 DEC 1966
OAR ACCESS NO.....009511-01
BY ANDRULIS P J JR
DEWAR M J S
DIETZ R
HUNT R L
DOC NUMBER.....AD646327
INSTR...AF-AFOSR-0520-66
PROJECT/TASK.....9762/01

AFOSR 67-0242
UNIVERSITY OF TEXAS
AROMATIC OXIDATION BY ELECTRON TRANSFER II ORIDATIONS OF AROMATIC ETHERS AND AMINES BY MANGANIC ACETATE
J AM CHEM SOC V88 N23 PP5479-5482 5 DEC 1966
OAR ACCESS NO.....009521-01
BY AMATANI T
DEWAR M J S
DOC NUMBER.....AD646033
INSTR...AF-AFOSR-0520-66
PROJECT/TASK.....9762/

AFOSR 67-0243
UNIVERSITY OF TEXAS
AROMATIC OXIDATION BY ELECTRON TRANSFER III ORIDATION OF
AND 2-METHOXY-NAPHTHALENE BY MANGANIC ACETATE
J AM CHEM SOC V88 N23 PP5483-5488 5 DEC 1966
OAR ACCESS NO.....019690-00
BY ANDRULIS P J JR
DEWAR M J S
DOC NUMBER.....AD646363
INSTR...AF-AFOSR-1050-66
PROJECT/TASK.....9762/01

AFOSR 67-0244
HUGHES RESEARCH LABS
NEW PHOTOCHROMIC COMPOUNDS WITH SUBP-NITROBENZYL STRUCTURE
J AM CHEM SOC V88 N20 PP4733-4735 20 OCT 1966
OAR ACCESS NO.....016220-06
BY HARGERUM J O
GRAULT R G
DOC NUMBER.....AD646212
INSTR...AF-49(638)-1204
PROJECT/TASK.....9762/0

AFOSR 67-0247
OREGON STATE UNIVERSITY
OXIDATION-REDUCTION REACTIONS OF ORGANIC SULFUR COMPOUNDS
FINAL REPORT JAN 1967
OAR ACCESS NO.....011823-00
BY RICE J L
DOC NUMBER.....AD646048
INSTR...AF-AFOSR-0106-65
PROJECT/TASK.....9762/6

AFOSR 67-0248
NEW YORK UNIVERSITY
ON THE WATSON TRANSFORMATION
CUMMUN PURE APPL MATH V19 N3 PP287-297 AUG 1966
OAR ACCESS NO.....000333-003
BY FISCHER E
DOC NUMBER.....AD646108
INSTR...AF-AFOSR-0557-66
PROJECT/TASK.....9749/02

AFOSR 67-0249
UNIVERSITY OF CALIFORNIA
HOMOLOGY THEORY
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OAR ACCESS NO.....020370-001
BY HU S T
INSTR...AF-AFOSR-1129-66
PROJECT/TASK.....9749/02

AFOSR 67-0250
UNIVERSITY OF MICHIGAN
AN EXPERIMENTAL METHOD FOR PROSODIC ANALYSIS
PHONETICA V15 N1 PP1-13 1966
OAR ACCESS NO.....012171-002
BY O MALLEY M H
PETERSON G E
DOC NUMBER.....AD646195
INSTR...AF-AFOSR-0022-64
PROJECT/TASK.....9769/02

AFOSR 67-0252
CARNEGIE INSTITUTE OF TECHNOLOGY
COMPUTER SCIENCE RESEARCH REVIEW
OAR ACCESS NO.....022900-001
BY NISSENSON J
DOC NUMBER.....AD646298
INSTR...50 -146
PROJECT/TASK.....9718/00

AFOSR 67-0253
CARNEGIE INSTITUTE OF TECHNOLOGY
THE EQUIVALENCE OF CERTAIN COMPUTATIONS
OAR ACCESS NO.....022900-002
BY COOPER D C
DOC NUMBER.....AD646634
INSTR...80 -146
PROJECT/TASK.....9718/00

AFOSR 67-0254
CARNEGIE INSTITUTE OF TECHNOLOGY
SYNTAX ANALYSIS BY A PRODUCTION LANGUAGE
OAR ACCESS NO.....022900-003
BY EVANS A JR
DDC NUMBER.....AD629665
INSTR...SD -146
PROJECT/TASK.....9718/00

AFOSR 67-0255
CARNEGIE INSTITUTE OF TECHNOLOGY
DISEMINER A DISTRIBUTIONAL-SEMANTICS INFERENCE MAKER
JUN 1966
OAR ACCESS NO.....022900-004
BY KLEIN S
LIEMAN S L
LINDSTROM G E
DDC NUMBER.....AD636380
INSTR...SD -146
PROJECT/TASK.....9718/00

AFOSR 67-0256
CARNEGIE INSTITUTE OF TECHNOLOGY
MTHAT ASSEMBLER FOR THE CDC G-21
JAN 67
OAR ACCESS NO.....022900-005
BY ROSS D
DDC NUMBER.....AD803847
INSTR...SD -146
PROJECT/TASK.....9718/00

AFOSR 67-0257
CARNEGIE INSTITUTE OF TECHNOLOGY
DESIGN OF THE G-21 MULTI-PROCESSOR SYSTEM
FEB 1965
OAR ACCESS NO.....022900-006
BY QUATSE J T
DDC NUMBER.....AD804037
INSTR...SD -146
PROJECT/TASK.....9718/00

AFOSR 67-0258
CARNEGIE INSTITUTE OF TECHNOLOGY
SOME STUDIES IN GAME PLAYING WITH A DIGITAL COMPUTER
JUL 1965
OAR ACCESS NO.....022900-007
BY WILLIAMS T G
DDC NUMBER.....AD634821
INSTR...SD -146
PROJECT/TASK.....9718/00

AFOSR 67-0259
CARNEGIE INSTITUTE OF TECHNOLOGY
A COMPUTER PROGRAM FOR DISCOVERING AND PROVING SEQUENTIAL
RECOGNITION RULES FOR WELL-FORMED FORMULAS DEFINED BY A
BACKUS NORMAL FORM GRAMMAR
MAY 1964
OAR ACCESS NO.....022900-008
BY LONDON R L
DDC NUMBER.....AD804036
INSTR...SD -146
PROJECT/TASK.....9718/00

AFOSR 67-0260
CARNEGIE INSTITUTE OF TECHNOLOGY
AN EXAMPLE OF HUMAN CHESS PLAY IN THE LIGHT OF CHESS
PLAYING PROGRAMS
AUG 1966
OAR ACCESS NO.....022900-009
BY NEWELL A
SIMON H A
DDC NUMBER.....AD619386
INSTR...SD -146
PROJECT/TASK.....9718/00

AFOSR 67-0261
DURHAM UNIVERSITY
A THEORETICAL ANALYSIS OF EXTENSIVE AIR SHOWERS I NEAR-
VERTICAL SHOWERS AT SEA LEVEL
PROC PHYS SOC V89 PP567-585 1966
OAR ACCESS NO.....021640-001
BY DE BEER J F
HOLYOAK B
WDOWCZYK J
WOLFENDALE A W
DDC NUMBER.....AD666924
INSTR...AF-61/052/00929
PROJECT/TASK.....9781/04

AFOSR 67-0262
DURHAM UNIVERSITY
THE INTERPRETATION OF THE CHARGE RATIO OF COSMIC-RAY MUONS
PROC PHYS SOC V89 PP551-565 1966
OAR ACCESS NO.....021640-002
BY MACKEOWN P K
WOLFENDALE A W
DDC NUMBER.....AD667279
INSTR...AF-61/052/00929
PROJECT/TASK.....9781/04

AFOSR 67-0263
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
DECOMPOSITION THEOREM FOR BOUNDED UNIFORMLY CONTINUOUS
FUNCTIONS ON A GROUP
AM J MATH V88 N4 PP902-914 OCT 1966
OAR ACCESS NO.....000491-013
BY KNAPP A W
DDC NUMBER.....AD646842
INSTR...AF-AFOSR-0335-63
PROJECT/TASK.....9749/02

AFOSR 67-0264
INSTITUTE FOR ADVANCED STUDY
ON ENTIRE FUNCTIONS OF EXPONENTIAL TYPE AND INDICATORS OF
ANALYTIC FUNCTIONALS
ACTA MATH V117 PP1-35 JAN 67
OAR ACCESS NO.....000363-002
BY KISELMAN C O
DDC NUMBER.....AD646761
INSTR...AF-AFOSR-0359-64
PROJECT/TASK.....9749/02

AFOSR 67-0265
THE UNIVERSITY OF TEXAS
TEXAS BIANNUAL OF ELECTRONICS RESEARCH NO 4 FINAL REPORT
NOV 1966
OAR ACCESS NO.....015261-024
BY DOUGAL A A
DDC NUMBER.....AD807317
INSTR...AF-AFOSR-0765-66
PROJECT/TASK.....4751/00

AFOSR 67-0266
BRANDEIS UNIVERSITY
ON THE TISSUE SPECIFICITY AND BIOLOGICAL SIGNIFICANCE OF
ALDOLASE C IN THE CHICKEN
BIOCHEM BIOPHYS RES COMMUN V26 N1 PP24-29 1967
OAR ACCESS NO.....015520-003
BY HERSKOVITS J J
WASTENS C J
VASSANNAN P M
KAPLAN N O
DDC NUMBER.....AD647002
INSTR...AF-AFOSR-0732-65
PROJECT/TASK.....9777/01

AFOSR 67-0267
STANFORD UNIVERSITY
RELEASE OF COORDINATED BEHAVIOR IN CRAYFISH BY SINGLE
CENTRAL NEURONS
SCIENCE V156 N3780 PP917-919 NOV 66
OAR ACCESS NO.....010402-002
BY KENNEDY D
EVOY W H
MANAVALT J T
DDC NUMBER.....AD647230
INSTR...AF-AFOSR-0334-66
PROJECT/TASK.....9777/01

AFOSR 67-0268
UNIVERSITY OF WESTERN AUSTRALIA
SENSORY CONTRAST EFFECTS IN THE JUDGMENT OF LIFTED WEIGHTS
PSYCHON SCI V6 N6 PP137-138 1966
OAR ACCESS NO.....019700-002
BY WILLIAMS M Y
ROSS J
DI LOLLO V
DDC NUMBER.....AD646997
INSTR...AF-AFOSR-0908-65
PROJECT/TASK.....9778/01

AFOSR 67-0269
INDIANA UNIVERSITY
USE OF HELLMANN-FEYNMAN AND HYPERVIRIAL THEOREMS TO OBTAIN
ANHARMONIC VIBRATION-ROTATION EXPECTATION VALUES AND THEIR
APPLICATION TO GAS DIFFRACTION
J CHEM PHYS V45 N8 PP2827-2831 15 OCT 1966
OAR ACCESS NO.....010851-018
BY BONHAM R A
SU L S
DDC NUMBER.....AD646723
INSTR...AF-AFOSR-0602-64
PROJECT/TASK.....9760/02

AFOSR 67-0270
UNIVERSITY OF CHICAGO
ON THE INTENSITY DISTRIBUTION OF EXCIMER EMISSION
J CHEM PHYS V45 N10 PP3886-3887 15 NOV 1966
OAR ACCESS NO.....015060-023
BY GLASS L
HILLIER I H
RICE S A
DDC NUMBER.....AD647003
INSTR...AF-AFOSR-0781-65
PROJECT/TASK.....9760/01

AFOSR 67-0271
TEL AVIV UNIVERSITY
CONSEQUENCES OF AN APPROXIMATE CY INVARIANCE OF THE
PHYSICAL HADRONS
PHYS LETTERS V22 N5 PP699-701 15 SEP 1966
OAR ACCESS NO.....021480-002
BY HORWITZ L
NE EMAN Y
DDC NUMBER.....AD646938
INSTR...AF-EOAR -0039-66
PROJECT/TASK.....9781/01

AFOSR 67-0272
TEL AVIV UNIVERSITY
DECAY CORRELATIONS OF PHOTO-PRODUCED RHO MESONS IN THE
STRONG ABSORPTION MODEL
PHYS LETTERS V22 N2 PP223-226 1 AUG 66
OAR ACCESS NO.....021480-003
BY EISENBERG Y
RONAT E E
BRANDSTETTER A
LEVY A
GOTSMAN E
DDC NUMBER.....AD646938
INSTR...AF-EOAR -0039-66
PROJECT/TASK.....9781/01

AFOSR 67-0273
TEL AVIV UNIVERSITY
POSSIBLE VANISHING OF STRONG INTERACTION CROSS-SECTION AT INFINITE ENERGIES
NUOVO CIMENTO SCR X V45 PP279-280 1 SEP 1966
OAR ACCESS NO.....021480-004
BY CANIHBD N
KOKKEDEE J J J
HORWITZ L
NE EMAN Y
DOC NUMBER.....AD646941
INSTR...AF-EOAR -0039-66
PROJECT/TASK.....9751/01

AFOSR 67-0274
TEL AVIV UNIVERSITY
THE ALGEBRA OF SCALAR AND VECTOR VERTEX STRENGTHS IN REGGE RESIDUES
PHYS LETTERS V22 N3 PP 336-340 15 AUG 1966
OAR ACCESS NO.....021480-005
BY CADIBOU N
HORWITZ L
NE EMAN Y
DOC NUMBER.....AD646942
INSTR...AF-EOAR -0039-66
PROJECT/TASK.....9751/01

AFOSR 67-0275
OREGON STATE UNIVERSITY
LEAST-SQUARES REFINEMENT OF MOLECULAR STRUCTURES FROM GASEOUS ELECTRON-DIFFRACTION SECTOR-MICROPHOTOMETER INTENSITY DATA I METHOD
ACTA CRYST V17 PT5 PP529-533 MAY 1964
OAR ACCESS NO.....006230-004
BY HEDBERG K
IWASAKI M
DOC NUMBER.....AD647029
INSTR...AF-49/638/00783
PROJECT/TASK.....9760/01

AFOSR 67-0276
OREGON STATE UNIVERSITY
LEAST-SQUARES REFINEMENT OF MOLECULAR STRUCTURES FROM GASEOUS ELECTRON-DIFFRACTION SECTOR-MICROPHOTOMETER INTENSITY DATA II ADAPTATION TO AUTOMATIC COMPUTATION
ACTA CRYST V17 PT 5 PP533-537 MAY 1964
OAR ACCESS NO.....006230-005
BY IWASAKI M
FRITSCH F N
HEDBERG K
DOC NUMBER.....AD647028
INSTR...AF-49/638/00783
PROJECT/TASK.....9760/01

AFOSR 67-0277
OREGON STATE UNIVERSITY
LEAST-SQUARES REFINEMENT OF MOLECULAR STRUCTURES FROM GASEOUS ELECTRON-DIFFRACTION SECTOR MICROPHOTOMETER DATA III REFINEMENT OF CYCLOPROPANE
ACTA CRYST V17 PT 5 PP534-543 MAY 1964
OAR ACCESS NO.....006230-006
BY BASTIANSEN O
FRITSCH F N
HEDBERG K
DOC NUMBER.....AD647027
INSTR...AF-49/638/00783
PROJECT/TASK.....9760/01

AFOSR 67-0278
UNIVERSITY OF TORONTO
AERODYNAMICALLY GENERATED SOUND FINAL REPORT DEC 1966
OAR ACCESS NO.....001055-001
BY RIBNER H S
DOC NUMBER.....AD646658
INSTR...AF-AFOSR-0672-66
PROJECT/TASK.....9781/02

AFOSR 67-0279
INST OF OCCUPATIONAL HEALTH
REGIONAL DISTRIBUTION IN OESOPHAGEAL TEMPERATURE AND ITS USE IN LOCALIZING MEDIASTINAL ORGANS AND MONITORING CENTRAL BLOOD TEMPERATURE FINAL REPORT APR 1966
OAR ACCESS NO.....017400-001
BY PEIRONEN P
DOC NUMBER.....AD646764
INSTR...AF-EOAR -0071-65
PROJECT/TASK.....9777/01

AFOSR 67-0280
UNIVERSITY OF TEXAS
THE REACTION OF MOLECULES IN EXCITED ELECTRONIC STATES WITH PARAMAGNETIC GASES FINAL REPORT FEB 1967
OAR ACCESS NO.....015290-003
BY HOYES W A JR
DOC NUMBER.....AD646673
INSTR...AF-AFOSR-0778-65
PROJECT/TASK.....9760/02

AFOSR 67-0285
UNIVERSITY OF MIAMI
DIFFUSION AS A PROBLEM OF STATISTICAL PATH
AM J PHYS V36 N11 PP1063-1067 NOV 66
OAR ACCESS NO.....014180-004
BY KUHSUNGSU H
DOC NUMBER.....AD647039
INSTR...AF-49/638/01240
PROJECT/TASK.....9767/03

AFOSR 67-0286
UNIVERSITY OF ROCHESTER
WAVEFRONT RECONSTRUCTION WITH LIGHT OF FINITE COHERENCE LENGTH
J OPT SOC AM V56 N11 PP1636-1637 NOV 1966
OAR ACCESS NO.....019030-003
BY MANDEL L
DOC NUMBER.....AD647041
INSTR...AF-49/638/01532
PROJECT/TAS.....9767/02

AFOSR 67-0287
CORNELL UNIVERSITY
ELECTRODE EFFECTS IN A SEEDED PLASMA
AIAA J V4 N12 PP2158-2159 DEC 1966
OAR ACCESS NO.....001062-001
BY WOLF R J
DOC NUMBER.....AD647030
INSTR...AF-49/638/0136:
PROJECT/TASK.....9783/02

AFOSR 67-0288
CORNELL UNIVERSITY
ON THE STRUCTURE OF ALFVEN SHOCKS
APPL MAT.. V17 N6 PP528-537 1966
OAR ACCESS NO.....001062-002
BY TURCOTTE D L
CHU C K
DOC NUMBER.....AD644662
INSTR...AF-49/638/01346
PROJECT/TASK.....9783/02

AFOSR 67-0289
CORNELL UNIVERSITY
OSCEN FLOW PAST A FINITE FLAT PLATE
PHYS FLUIDS V9 N9 PP1697-1703 SEPT 1966
OAR ACCESS NO.....007612-002
BY SEEBASS R
TANADA K
MIYAGI T
DOC NUMBER.....AD647235
INSTR...AF-AFOSR-0399-66
PROJECT/TASK.....9781/01

AFOSR 67-0290
COLUMBIA UNIVERSITY
CYCLOPROPANONE
J AM CHEM SOC V88 P3672 1966
OAR ACCESS NO.....019800-001
BY TURRO N J
HAMMOND W B
DOC NUMBER.....AD646944
INSTR...AF-AFOSR-1000-66
PROJECT/TASK.....9760/02

AFOSR 67-0291
POLYTECHNIC INSTITUTE OF BROOKLYN
SCATTERING OF ELECTROMAGNETIC WAVES BY A SEMI-INFINITE METAL PLATE IN ANISOTROPIC PLASMA
ALTA FREQUENZA V35 N2 PP 112-119 1966
OAR ACCESS NO.....001685-023
BY DE SANTIS P
DOC NUMBER.....AD647033
INSTR...AF-49/638/01402
PROJECT/TASK.....9751/00

AFOSR 67-0292
COLUMBIA UNIVERSITY
CYCLOPROPANONES III 2 2-DIMETHYLCYCLOPROPANONE
J AM CHEM SOC V88 N12 PP2880-2881 20 JUN 1966
OAR ACCESS NO.....019800-002
BY HAMMOND W B
TURRO N J
DOC NUMBER.....AD646945
INSTR...AF-AFOSR-1000-66
PROJECT/TASK.....9760/02

AFOSR 67-0293
YALE UNIVERSITY
STABILITY OF SPIRAL MOTION
INTERN ASTRON UNION SYMP 25TH PP38-42 1966
OAR ACCESS NO.....011493-004
BY SZEBEHELY V
DOC NUMBER.....AD646840
INSTR...AF-AFOSR-0397-65
PROJECT/TASK.....9749/01

AFOSR 67-0294
ANALYTICAL MECHANICS ASSOCIATES INC
OPTIMIZATION PROBLEMS IN POWERED SPACE FLIGHT
RECENT DEVELOP SPACE FLIGHT MECH V9 PP113-131 1966
OAR ACCESS NO.....021100-001
BY EDELBAUM T N
DOC NUMBER.....AD646923
INSTR...AF-49/638/01668
PROJECT/TASK.....9749/01

AFOSR 67-0295
YALE UNIVERSITY
ADVANTAGES OF REGULARIZATION IN SPACE DYNAMICS
AIAA JOURNAL V5 N8 PP1520-1522 AUG 67
1967
OAR ACCESS NO.....011496-001
BY SZEBEHELY V
PIERCE D A
DOC NUMBER.....AD647206
INSTR...AF-AFOSR-0397-67
PROJECT/TASK.....9749/01

AFOSR 67-0296
UNIVERSITY OF MINNESOTA
DISCRETE LINEAR OPTIMAL CONTROL SYSTEMS WITH ESSENTIALLY QUADRATIC COST FUNCTIONALS
IEEE TRANS AUTOM CONTROL YAC-11 N 3 PP 404-413 JULY 1966
OAR ACCESS NO.....018720-003
BY CHYUNG D H
DOC NUMBER.....AD647208
INSTR...AF-AFOSR-0571-66
PROJECT/TASK.....9749/01

AFOSR 67-0297
COLORADO STATE UNIVERSITY
THE APPROPRIATE SOLUTION OF RICCATIS EQUATION
J SIAM NUMER ANAL V3 N3 PP425-434 1966
OAR ACCESS NO.....009942-001
BY STEIN F M
HUFFSTUTLER M G
DDC NUMBER.....AD647000
INSTR...AF-AFOSR-0185-65
PROJECT/TASK.....9769/01

AFOSR 67-0298
UNIVERSITY OF CALIFORNIA
ON BOUNDED-INPUT-BOUNDED-OUTPUT STABILITY OF A CERTAIN
CLASS OF NONLINEAR SAMPLED-DATA SYSTEMS
J FRANKLIN INST V282 N4 PP193-205 OCT 66
OAR ACCESS NO.....000228-001
BY IWENS R P
BERGEN A R
DDC NUMBER.....AD647205
INSTR...AF-AFOSR-0292-66
PROJECT/TASK.....9769/01

AFOSR 67-0298
UNIVERSITY OF CALIFORNIA
ON BOUNDED-INPUT-BOUNDED-OUTPUT STABILITY OF A CERTAIN
CLASS OF NONLINEAR SAMPLED-DATA SYSTEMS
J FRANKLIN INST V282 N4 PP193-205 OCT 66
OAR ACCESS NO.....013152-001
BY IWENS R P
BERGEN A R
DDC NUMBER.....AD647205
INSTR...AF-AFOSR-0230-66
PROJECT/TASK.....9769/01

AFOSR 67-0299
TECHNISCHE HOCHSCHULE IN WIEN
A METHOD FOR THE SOLUTION OF STOCHASTIC PROBLEMS IN LINEAR
THERMOELASTICITY AND HEAT CONDUCTION
INTERN J SOLIDS STRUCT V2 PP581-589 1966
OAR ACCESS NO.....003561-004
BY ZEMAN J L
DDC NUMBER.....AD647281
INSTR...AF-61/052/00645
PROJECT/TASK.....9769/01

AFOSR 67-030.
SAINT LOUIS UNIVERSITY
THE S WAVE PROJECT FOR FOCAL MECHANISM STUDIES
FINAL REPORT MARCH 1966
OAR ACCESS NO.....011860-002
BY STAUDER W
INSTR...AF-AFOSR-0458-62
PROJECT.....8652

AFOSR 67-0302
PURDUE UNIVERSITY
MASTERS THESES IN THE PURE AND APPLIED SCIENCES 1963 VOLUME
VIII FINAL REPORT AUG 1966
OAR ACCESS NO.....019460-001
BY SCHICK B M
DDC NUMBER.....AD646742
INSTR...AF-49/638/01371
PROJECT/TASK.....9769/02

AFOSR 67-0303
FLORIDA STATE UNIVERSITY
FACTORS CONTROLLING PROTEIN SYNTHESIS FINAL REPORT JAN 1967
OAR ACCESS NO.....013201-001
BY FISHER J R
INSTR...AF-AFOSR-0233-65
PROJECT/TASK.....9777/10

AFOSR 67-0306
BROWN UNIVERSITY
ELECTRICAL CONDUCTIVITY OF A PLASMA FINAL REPORT NOV 1966
OAR ACCESS NO.....009142-006
BY HAEDER P F
DDC NUMBER.....AD646672
INSTR...AF-49/638/01295
PROJECT/TASK.....9783/02

AFOSR 67-0307
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
AIR-SEA WAVES FROM THE EXPLOSION OF KRAKATOA
SCIENCE V156 N3794 PP1325-1327 9 DEC 1966
OAR ACCESS NO.....020510-002
BY PRESS F
HARKRIDER D G
DDC NUMBER.....AD647037
INSTR...AF-49/638/01632
PROJECT/TASK.....8652/00

AFOSR 67-0308
INSTITUTE GEOGRAFICO Y CATASTRAL
FIRST RESULTS OF SEISMOLOGICAL INVESTIGATION RELATED WITH
THE IBERIAN PENINSULA REGION
VRANIA TARRAGONA N203 1966
OAR ACCESS NO.....015960-008
BY MUNUERA J M
MORENCOS J
ARROYO A L
PAYO G
DDC NUMBER.....AD646777
INSTR...AF-61/052/00657
PROJECT/TASK.....8652/00

AFOSR 67-0309
YALE UNIVERSITY
RADIATIVE AND COLLISION-INDUCED RELAXATION OF ATOMIC STATES
IN THE 2P53P CONFIGURATION OF NEON
PHYS REV V149 N1 PP38-51 9 SEP 66
OAR ACCESS NO.....018851-005
BY BENNETT W R JR
KINDLMANN P J
DDC NUMBER.....AD646996
INSTR...AF-AFOSR-0626-65
PROJECT/TASK.....9767/02

AFOSR 67-0310
STATE UNIVERSITY OF NEW YORK AT BUFFALO
UNIFORM-ELECTRIC-FIELD QUADRUPOLE POLARIZABILITIES AND
SHIELDING FACTORS FOR S-STATE ATOMS AND IONS
PHYS REV V151 N1 PP30-37 4 NOV 66
OAR ACCESS NO.....013550-007
BY LYONS J D
LANGHOFF P W
HURST R P
DDC NUMBER.....AD647206
INSTR...AF-AFOSR-0191-63
PROJECT/TASK.....9767/01

AFOSR 67-0311
UNIVERSITY OF ILLINOIS
MEMORY WITHOUT RECORD
LEARNING REMEMBERING AND FORGETTING VOL I THE ANATOMY OF
MEMORY SCIENCE AND BEHAVIOR BOOKS INC PALO ALTO PP 388-433
1965
OAR ACCESS NO.....012150-004
BY VON FOERSTER H
DDC NUMBER.....AD646844
INSTR...AF-AFOSR-0007-63
PROJECT/TASK.....9769/04

AFOSR 67-0312
ADELPHI UNIVERSITY
TRANSIENT MOTION OF AN ELASTIC HALF-SPACE DUE TO A MOVING
SURFACE LINE LOAD
INTERN J ENG SCI V5 PP49-79 1967
OAR ACCESS NO.....017220-001
BY PAYTON R G
DDC NUMBER.....AD646999
INSTR...AF-AFOSR-0821-65
PROJECT/TASK.....9769/01

AFOSR 67-0313
UNIVERSITY OF SOUTHERN CALIFORNIA
TILING WITH POLYOMINOES
J COMBINATORIAL THEORY V1 N2 PP280-296 SEP 66
OAR ACCESS NO.....017331-001
BY GOLOMB S W
DDC NUMBER.....AD647207
INSTR...AF-AFOSR-0874-66
PROJECT/TASK.....9769/01

AFOSR 67-0314
THE UNIVERSITY OF TEXAS
GEOCHRONOLOGY OF THE MIDCONTINENT REGION UNITED STATES
PART 1 SCOPE METHODS AND PRINCIPLES PART 2 NORTHERN AREA
PART 3 SOUTHERN AREA PART 4 EASTERN AREA
J GEOPHYS RES V71 N22 PP5375-5638 15 NOV 1966
OAR ACCESS NO.....010440-003
BY GOLDICH S S
MUEHLBERGER W R
LIDIAK E G
HEDGE C E
WALTHALL F G
DDC NUMBER.....AD646796
INSTR...AF-49/638/01115
PROJECT/TASK.....8652/00

AFOSR 67-0315
COLUMBIA UNIVERSITY
REFLECTION AND REFRACTION OF ELASTIC WAVES AT A CORRUGATED
INTERFACE
BULL SEIS SOC AM V56 N1 PP201-221 FEB 66
OAR ACCESS NO.....011390-004
BY A. AND S
DDC NUMBER.....AD631134
INSTR...AF-AFOSR-0303-62
PROJECT/TASK.....8652/00

AFOSR 67-0316
THE UNIVERSITY OF TEXAS
CRUSTAL STUDY OF A CONTINENTAL STRIP FROM THE ATLANTIC
OCEAN TO THE ROCKY MOUNTAINS
GEOL SOC AM BULL V77 PP1427-1447 DEC 1966
OAR ACCESS NO.....010443-004
BY ZIETZ I
KING E R
GEODES W
LIDIAK E G
DDC NUMBER.....AD647192
INSTR...AF-49/638/01115
PROJECT/TASK.....8652/00

AFOSR 67-0317
UNIVERSITY OF OXFORD
FIELD EMISSION FROM CADMIUM SULPHIDE
ELECTRON LETTERS V2 N12 DEC 66
OAR ACCESS NO.....000103-004
BY HUSAIN S A
WALSH D
DDC NUMBER.....AD646957
INSTR...AF-EOAR -0037-65
PROJECT/TASK.....9767/02

AFOSR 67-0318
PRINCETON UNIVERSITY
MAGNETIC MOMENT TO SECOND ORDER FOR AXISYMMETRIC STATIC FIELD
PHYS FLUIDS V9 N10 PP1997-2000 OCT 66
OAR ACCESS NO.....016500-006
BY GARDNER C S — DDC NUMBER.....AD647487
INSTR...AF-49(638)-01555
PROJECT/TASK.....9767/03

AFOSR 67-0319
PRINCETON UNIVERSITY
LOCAL THERMODYNAMIC EQUILIBRIUM MODEL ATMOSPHERE WITH LINE BLANKETING REVIEW AND FUTURE PROSPECTS
J QUANT SPECTR RADIATIVE TRANSFER V6 PP581-590 1966
OAR ACCESS NO.....016500-004
BY MIHALAS D — DDC NUMBER.....AD646813
INSTR...AF-19(628)-01555
PROJECT/TASK.....9767/03

AFOSR 67-0320
UNIVERSITY OF MINNESOTA
UPPER AND LOWER BOUNDS FOR SOLUTIONS TO THE TRANSPORT EQUATION
AM INST CHEM ENGRS V12 N6 PP1151-1157 NOV 1966
OAR ACCESS NO.....013340-004
BY FINLAYSON B A — DDC NUMBER.....AD646801
SCRIVEN L E
INSTR...AF-AFOSR-0219-63
PROJECT/TASK.....9767/01

AFOSR 67-0321
YESHIVA UNIVERSITY
PROOFS OF MINC CONJECTURES ON PERMANENTS
J MATH MECH V16 N2 PP127-136 AUG 66
OAR ACCESS NO.....015180-003
BY LIEB E H — DDC NUMBER.....AD646604
INSTR...AF-AFOSR-0713-66
PROJECT/TASK.....9767/01

AFOSR 67-0322
MCMASTER UNIVERSITY
THE PARABOLIC OXIDATION KINETICS OF NIOBIUM
J ELECTROCHEM SOC V113 N12 PP1255-1257 DEC 1966
OAR ACCESS NO.....005703-002
BY SHEASBY J S — DDC NUMBER.....AD646807
HALLWORK G R
INSTR...AF-AFOSR-0515-66
SMELTZER W W
PROJECT/TASK.....9763/01

AFOSR 67-0323
YALE UNIVERSITY
TEMPERATURES LORENTZIAN WIDTHS AND DRIFT VELOCITIES IN THE ARGON-ION LASER
APPL PHYS LETTERS V9 N8 PP214-216 15 APR 66
OAR ACCESS NO.....018851-006
BY GALLIK E A — DDC NUMBER.....AD638066
BENNETT W R JR
INSTR...AF-AFOSR-0626-65
MERCER G N
PROJECT/TASK.....9767/02

AFOSR 67-0324
UNIVERSITY OF CHICAGO
MAGNETOHYDRODYNAMIC LUBRICATION FLOW BETWEEN PARALLEL PLATES
J FLUID MECH V26 PT3 PP537-543 1966
OAR ACCESS NO.....016590-010
BY MAK E M — DDC NUMBER.....AD646806
KUZMA D C
INSTR...AF-AFOSR-0785-65
DONNELLY R J
PROJECT/TASK.....9767/01

AFOSR 67-0325
PRINCETON UNIVERSITY
EXACT INVARIANTS FOR A CLASS OF NONLINEAR WAVE EQUATIONS
J MATH PHYS V7 N7 PP1256-1267 JUL 66
OAR ACCESS NO.....016500-005
BY KRUSKAL M D — DDC NUMBER.....AD647052
ZABUSKY N
INSTR...AF-49(638)-01555
PROJECT/TASK.....9767/03

AFOSR 67-0327
THE JOHNS HOPKINS UNIVERSITY
OPTIMAL BOUNDED CONTROL WITH LINEAR STOCHASTIC EQUATIONS AND QUADRATIC COST
J MATH ANAL APPL V16 N3 PP510-537 J DEC 1966
OAR ACCESS NO.....014670-007
BY KOUNIAS E — DDC NUMBER.....AD647050
INSTR...AF-49(638)-01302
PROJECT/TASK.....9749/02

AFOSR 67-0328
UNIVERSITY OF CAMBRIDGE
THE ICE-CREAM-CONE SINGULARITY IN S-MATRIX THEORY
J MATH PHYS V7 N9 PP1628-1646 SEP 66
OAR ACCESS NO.....013010-054
BY LANDSHOFF P V — DDC NUMBER.....AD646936
OLIVE D I
INSTR...AF-EOAR -0079-63
POLKINGHORNE J C
PROJECT/TASK.....9750/01

AFOSR 67-0329
UNIVERSITY OF CAMBRIDGE
NORMAL THRESHOLDS IN SUBENERGY VARIABLES
J MATH PHYS V7 N9 PP1593-1599 SEP 66
OAR ACCESS NO.....013010-055
BY LANDSHOFF P V — DDC NUMBER.....AD646937
OLIVE D I
INSTR...AF-EOAR -0079-63
POLKINGHORNE J C
PROJECT/TASK.....9751/01

AFOSR 67-0330
UNIVERSITY OF MARYLAND
AN INVARIANT FORMULATION OF THE NEW MAXIMUM-MINIMUM THEORY OF EIGENVALUES
J MATH MECH V16 N3 PP213-218 SEP 66
OAR ACCESS NO.....001523-018
BY WEINSTEIN A — DDC NUMBER.....AD647231
INSTR...AF-AFOSR-0600-66
PROJECT/TASK.....9749/01

AFOSR 67-0331
UNIVERSITY OF CALIFORNIA
DESIGN OF INTEGRABLE DESENSITIZED FREQUENCY SELECTIVE AMPLIFIERS
IEEE J SOLID-STATE CIRCUITS VSC-1 N1 PP29-35 SEP 1966
OAR ACCESS NO.....008704-012
BY GAASH A A — DDC NUMBER.....AD647007
PEPPER R S
INSTR...AF-AFOSR-0139 66
PEDERSON D O
PROJECT/TASK.....4751/00

AFOSR 67-0332
UNIVERSITY OF CALIFORNIA
CONFINED AND NONCONFINED INTERCHANGE INSTABILITIES OBTAINED FROM NONLINEAR COMPUTER MODELS
PHYS FLUIDS V9 N5 PP1038-1040 MAY 1966
OAR ACCESS NO.....008704-013
BY BYERS J A — DDC NUMBER.....AD647011
INSTR...AF-AFOSR-0139-65
PROJECT/TASK.....4751/00

AFOSR 67-0333
UNIVERSITY OF CALIFORNIA
A GENERAL MATCHING THEORY AND ITS APPLICATION TO TUNNEL DIODE AMPLIFIERS
IEEE TRANS CIRCUIT THEORY VCT-13 N1 PP6-18 MAR 1966
OAR ACCESS NO.....008704-014
BY CHAN Y T — DDC NUMBER.....AD647016
KUH E S
INSTR...AF-AFOSR-0139-65
PROJECT/TASK.....4751/00

AFOSR 67-0334
UNIVERSITY OF CALIFORNIA
ON A MAPPING POLYNOMIAL FOR GALOIS FIELDS
QUART APPL MATH V24 N1 PP57-62 APR 1966
OAR ACCESS NO.....008703-031
BY GILL A — DDC NUMBER.....AD644887
JACOB J P
INSTR...AF-AFOSR-0139-64
PROJECT/TASK.....4751/00

AFOSR 67-0335
UNIVERSITY OF SOUTHERN CALIFORNIA
ROTATIONAL TEMPERATURE MEASUREMENT OF THE FLOW EXPANDING FROM A LOW DENSITY SONIC ORIFICE
USCAE 103 AUG 1966
OAR ACCESS NO.....014951-005
BY YASUHARA M — DDC NUMBER.....AD648879
INSTR...AF-AFOSR-0697-66
PROJECT/TASK.....9783/01

AFOSR 67-0337
GIANNINI CONTROLS CORPORATION
ON MASS ENTRAINMENT BY JETS PHASE II THE EFFECT OF SOUND ON JETS
11 JANUARY 1967
OAR ACCESS NO.....013561-003
BY MARTINEZ E — DDC NUMBER.....AD648667
INSTR...AF-49(638)-01459
PROJECT/TASK.....9781/01

AFOSR 67-0338
PURDUE UNIVERSITY
THIRD INFORMAL INTERNATIONAL HOT ATOM CHEMISTRY SYMPOSIUM
LAFAYETTE INDIANA 1-2 APR 66
APRIL 1966
OAR ACCESS NO.....020140-001
BY SCHMIDT-ULEER F — DDC NUMBER.....AD646657
INSTR...AF-AFOSR-1031-66
PROJECT/TASK.....9710/03

AFOSR 67-0339
UNIVERSITY OF CALIFORNIA
INTEGRATED SELECTIVE AMPLIFIERS USING FREQUENCY TRANSLATION
IEEE J SOLID-STATE CIRCUITS VSC-1 N1 PP30-44 SEP 66
OAR ACCESS NO.....008704-015
BY NIGUY G A — DDC NUMBER.....AD647023
INSTR...AF-AFOSR-0139-65
PROJECT/TASK.....4751/00

AFOSR 67-0340
UNIVERSITY OF CALIFORNIA
SIMPLIFIED CONDITIONS FOR CONTROLLABILITY AND OBSERVABILITY OF LINEAR TIME-INVARIANT SYSTEMS
IEEE TRANS AUTOM CONTROL VAC-11 N3 PP613-616 JUL 1966
OAR ACCESS NO.....008704-016
BY CHEN C T
DESOER C A
NIEDERL INSKI A
DDC NUMBER.....AD646831
INSTR...AF-AFOSR-0139-65
PROJECT/TASK.....4751/00

AFOSR 67-0341
UNIVERSITY OF CALIFORNIA
RAMAN LASERS USING SECONDARY RAMAN LINES
APPL PHYS LETTERS V9 N1 PP49-51 1 JUL 1966
OAR ACCESS NO.....008704-017
BY SCHWARZ S E
PINE A
DDC NUMBER.....AD646832
INSTR...AF-AFOSR-0139-65
PROJECT/TASK.....4751/00

AFOSR 67-0342
UNIVERSITY OF CALIFORNIA
DEFLECTION--MODULATION CRT DISPLAY
PROC IEEE V54 N10 PP1480-1482 OCT 1966
OAR ACCESS NO.....008703-032
BY EVENHART T E
DDC NUMBER.....AD646833
INSTR...AF-AFOSR-0139-66
PROJECT/TASK.....4751/00

AFOSR 67-0343
UNIVERSITY OF CALIFORNIA
ON THE INVERSE OF THE LYAPUNOV OPERATOR MAPPING THE SPACE OF NXN MATRICES INTO ITSELF
AM MATH MONTHLY V73 N4 PTI PP389-390 APRIL 1966
OAR ACCESS NO.....008703-033
BY JACOD J P
POLAK E
DDC NUMBER.....AD646835
INSTR...AF-AFOSR-0139-66
PROJECT/TASK.....4751/00

AFOSR 67-0344
UNIVERSITY OF CALIFORNIA
DIRECT MEASUREMENT OF THE DEPLETION LAYER WIDTH VARIATION VS APPLIED BIAS FOR A P-N JUNCTION
APPL PHYS LETTERS V7 N10 PP267-269 NOV 1965
OAR ACCESS NO.....008703-034
BY MACDONALD N C
EVERHART T E
DDC NUMBER.....AD646836
INSTR...AF-AFOSR-0139-66
PROJECT/TASK.....4751/00

AFOSR 67-0345
UNIVERSITY OF CALIFORNIA
ELECTRO-OPTIC DEFLECTION WITH BATIO SUB3 PRISMS
IEEE J QUANTUM ELECTRON V QE-2 N6 P152 JUNE 1966
OAR ACCESS NO.....008704-018
BY IPPEN E P
DDC NUMBER.....AD646837
INSTR...AF-AFOSR-0139-65
PROJECT/TASK.....4751/00

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UNIVERSITY OF CALIFORNIA
THE NUMBER OF TERMS IN THE GENERAL GAIN FORMULAS FOR COATES AND MASON SIGNAL FLOW GRAPHS
IEEE TRANS CIRCUIT THEORY PP601-604 DEC 1965
OAR ACCESS NO.....008703-035
BY JACOB J P
DDC NUMBER.....AD646838
INSTR...AF-AFOSR-0139-66
PROJECT/TASK.....4751/00

AFOSR 67-0347
UNIVERSITY OF CALIFORNIA
SCANNING ELECTRON MICROSCOPY OF BIOLOGICAL MATERIAL
NATURE V210 N5040 P1049 4 JUN 1966
OAR ACCESS NO.....008704-019
BY PEASE R F W
MAYES T L
DDC NUMBER.....AD647026
INSTR...AF-AFOSR-0139-65
PROJECT/TASK.....4751/00

AFOSR 67-0348
MICHIGAN TECHNOLOGICAL UNIVERSITY
CREEP OF INTRINSIC AND GALLIUM-DOPED GERMANIUM
J APPL PHYS V37 N12 PP4572-4574 NOV 1966
OAR ACCESS NO.....010061-001
BY SHEA M M
HENDRICKSON L E
HELDT L J
DDC NUMBER.....AD814832
INSTR...AF-AFOSR-0846-65
PROJECT/TASK.....9783/01

AFOSR 67-0349
UNIVERSITY OF WASHINGTON
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APPL OPT V5 N11 P1856 NOV 1966
OAR ACCESS NO.....006260-006
BY EGGERS D F JR
DDC NUMBER.....AD647040
INSTR...AF-49(638)-00797
PROJECT/TASK.....9710/03

AFOSR 67-0350
TECHNION ISRAEL INSTITUTE OF TECHNOLOGY
DEPENDENCE OF COERCIVITY ON DRIVING FIELD IN MULTILAYER FILMS OF NICKEL
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OAR ACCESS NO.....012700-006
BY HIRSCH A A
DDC NUMBER.....AD646950
INSTR...AF-EOAR -0071-63
PROJECT/TASK.....9763/02

AFOSR 67-0351
ISRAEL INSTITUTE OF TECHNOLOGY
SLOW RELAXATION EFFECTS IN MAGNETICALLY NONUNIFORM MATERIALS
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OAR ACCESS NO.....012700-007
BY HIRSCH A A
DDC NUMBER.....AD646952
INSTR...AF-EOAR -0071-63
PROJECT/TASK.....9763/02

AFOSR 67-0352
CLEMSON UNIVERSITY
SUPERCONDUCTING TRANSITION TEMPERATURE AND RESISTIVITY OF TIN WHISKERS AS A FUNCTION OF UNIAXIAL TENSION
SOLID STATE COMMUN V4 PP597-600 1966
OAR ACCESS NO.....012671-002
BY STILLWELL E P
DAVIS J H
SKOVE M J
DDC NUMBER.....AD647005
INSTR...AF-AFOSR-0180-65
PROJECT/TASK.....9763/02

AFOSR 67-0353
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
CRYSTAL GROWTH OF ALPHA FERRIC OXIDE AND GALLIUM DOPED FERRIC OXIDE BY THE FLUX METHOD AND SEGREGATION STUDIES OF IRON THREE PLUS IN GALLIUM SUB TWO MINUS X <SUB IRON X
J APPL PHYS V37 N12 P4588 NOV 1966
OAR ACCESS NO.....007911-094
BY SCHIEBER M
DDC NUMBER.....AD647053
INSTR...AF-49(638)-01468
PROJECT/TASK.....9764/00

AFOSR 67-0354
ISRAEL INSTITUTE OF TECHNOLOGY
MAGNETIC RELAXATION PROPERTIES OF MAGNETITE POWDER DOWN TO LIQUID HELIUM TEMPERATURES
PHYSICA V32 PP591-593 1966
OAR ACCESS NO.....012700-008
BY HIRSCH A A
ELIEZER Z
DDC NUMBER.....AD646955
INSTR...AF-EOAR -0071-63
PROJECT/TASK.....9763/02

AFOSR 67-0355
ISTITUTO ELETTROTECNICO NAZIONALE
EXPERIMENTS ON THE A C ELECTROLUMINESCENCE OF COPPER DOPED ZINC SULFIDE SINGLE CRYSTALS
INTERN SYMP LUMINESCENCE PHYS CHEM SCINTILLATORS MUNICH 1965 PP378-386 1966
OAR ACCESS NO.....002722-007
BY DONFIGLIOLI G
BROVETTO P
MOJONI A
DDC NUMBER.....AD646802
INSTR...AF-EOAR -0087-63
PROJECT/TASK.....9763/02

AFOSR 67-0356
UNIVERSITY OF MINNESOTA
ISOLATED SINGULARITIES OF SOLUTIONS OF LINEAR ELLIPTIC EQUATIONS
AM J MATH V88 N1 PP258-272 JAN 66
OAR ACCESS NO.....017310-011
BY SERRIN J
WEINBERGER H F
DDC NUMBER.....AD647448
INSTR...AF-AFOSR-0883-65
PROJECT/TASK.....9749/02

AFOSR 67-0357
ARIZONA STATE UNIVERSITY
ON TRUNCATION ERRORS FOR CONTINUED FRACTION COMPUTATIONS
J SIAM NUMER ANAL V3 N3 PP486-495 1966
OAR ACCESS NO.....010811-002
BY MEHKES E P
DDC NUMBER.....AD646803
INSTR...AF-AFOSR-0371-63
PROJECT/TASK.....9749/02

AFOSR 67-0358
GRUMMAN AIRCRAFT ENGINEERING CORPORATION
NECESSARY CONDITIONS FOR OPTIMAL SINGLE IMPULSE TRANSFER
AIAA J V4 N8 PP1405-1410 AUG 66
OAR ACCESS NO.....013763-005
BY MOYER H G
DDC NUMBER.....AD646814
INSTR...AF-49(638)-01512
PROJECT/TASK.....9749/01

AFOSR 67-0359
YESHIVA UNIVERSITY
EXTREMAL PROBLEMS IN THE CLASS OF CLOSE-TO-CONVEX FUNCTIONS
BULL AM MATH SOC V72 N6 PP1014-1017 NOV 1966
OAR ACCESS NO.....020946-001
BY HENNARD P K
DDC NUMBER.....AD647454
INSTR...AF-AFOSR-1077-66
PROJECT/TASK.....9749/02

AFOSR 67-0360
UNIVERSITY OF CALIFORNIA
ELECTROPHILIC SUBSTITUTION AT SATURATED CARBON XXVII
CARBANIONS AS INTERMEDIATES IN THE BASE-CATALYZED
METHYLENE-AZOMETHINE REARRANGEMENT
J AM CHEM SOC V88 N24 PP5760-5765 20 DEC 1966
BY CRAM D J
GUTSCHE C D
OAR ACCESS NO.....011701-007
DOC NUMBER.....AD646905
INSTR...AF-AFOSR-0124-65
PROJECT/TASK.....9762/02

AFOSR 67-0361
HARVARD UNIVERSITY
A CHARACTERIZATION OF THE MATHIEU GROUP M12
TRANS AM MATH SOC V122 N1 PP18-47 MAR 66
BY BRAUER R
FONG P
OAR ACCESS NO.....018410-005
DOC NUMBER.....AD647388
INSTR...AF-49(638)-1381
PROJECT/TASK.....9749/02

AFOSR 67-0362
TEXAS CHRISTIAN UNIVERSITY
NUCLEAR MAGNETIC RELAXATION IN RARE-EARTH-DOPED CALCIUM
FLUORIDE CRYSTALS AT LOW TEMPERATURES
PHYS REV V150 N1 PP361-366 7 OCT 1966
BY MAHENDROO R P
GUZZLE F L
OAR ACCESS NO.....018680-001
DOC NUMBER.....AD647436
INSTR...AF-AFOSR-0604-66
PROJECT/TASK.....9761/03

AFOSR 67-0363
PURDUE UNIVERSITY
MASTERS THESES IN THE PURE AND APPLIED SCIENCES 1962 VOLUME
VII FINAL REPORT AUG 1966
BY SCHICK K M
OAR ACCESS NO.....019860-002
DOC NUMBER.....AD646756
INSTR...AF-49(638)-1371
PROJECT/TASK.....9769/02

AFOSR 67-0364
PURDUE UNIVERSITY
MASTERS THESES IN THE PURE AND APPLIED SCIENCES 1961 VOLUME
VI FINAL REPORT AUG 1966
BY SCHICK K M
OAR ACCESS NO.....019860-003
DOC NUMBER.....AD646791
INSTR...AF-49(638)-1371
PROJECT/TASK.....9769/02

AFOSR 67-0365
HARVARD UNIVERSITY
SOME RESULTS ON FINITE GROUPS WHOSE ORDER CONTAINS A PRIME
TO THE FIRST POWER
N SOYA MATH J V27 PP381-399 JULY 66
BY BRAUER R
OAR ACCESS NO.....018410-006
DOC NUMBER.....AD647534
INSTR...AF-49(638)-1381
PROJECT/TASK.....9749/02

AFOSR 67-0366
UNIVERSITY OF SOUTHERN CALIFORNIA
OPTIMAL CONTROL OF DISCRETE-TIME STOCHASTIC SYSTEMS
J MATH ANALYSIS APPL V15 N2 AUG 1966
BY SWORDER D D
OAR ACCESS NO.....014492-004
DOC NUMBER.....AD647452
INSTR...AF-AFOSR-0436-66
PROJECT/TASK.....9751/00

AFOSR 67-0367
UNIVERSITY OF ILLINOIS
EVIDENCE OF THE SURFACE ORIGIN OF THE 1/F NOISE
PHYS REV LETTERS V17 N18 PP956-957 31 OCT 66
BY SAH C T
PIERSCHER F M
OAR ACCESS NO.....003412-011
DOC NUMBER.....AD648212
INSTR...AF-AFOSR-0714-65
PROJECT/TASK.....9763/02

AFOSR 67-0368
UNIVERSITE DE LYON
NEUROPHYSIOLOGICAL MECHANISMS OF THE STATES OF SLEEP FINAL
REPORT FEB 1967
BY JOUVET M
OAR ACCESS NO.....000894-002
DOC NUMBER.....AD646946
INSTR...AF-EOAR-0394-65
PROJECT/TASK.....9777/01

AFOSR 67-0369
THE UNIVERSITY OF SUSSEX
A GONIOMETER STAGE FOR USE AT LIQUID HELIUM TEMPERATURES
INTERN CONGR ELECTRON MICROSCOPY 6TH KYOTO JAPAN 1966
BY VENABLES J A
OAR ACCESS NO.....016830-001
DOC NUMBER.....AD647509
INSTR...AF-EOAR-0061-65
PROJECT/TASK.....9761/03

AFOSR 67-0370
THE UNIVERSITY OF SUSSEX
DEFECTS IN RARE GAS CRYSTALS
INTERN CONGR ELECTRON MICROSCOPY 6TH KYOTO JAPAN PP333-334
1966
BY VENABLES J A
BALL D J
OAR ACCESS NO.....016830-002
DOC NUMBER.....AD647510
INSTR...AF-EOAR-0061-65
PROJECT/TASK.....9761/03

AFOSR 67-0371
CASE INSTITUTE OF TECHNOLOGY
LOW TEMPERATURE MAGNETIC SPECIFIC HEAT OF NICKEL
PHYS LETTERS V23 N7 PP411-412 14 NOV 1966
BY THOMPSON E D
OAR ACCESS NO.....016670-002
DOC NUMBER.....AD647377
INSTR...AF-AFOSR-0857-65
PROJECT/TASK.....9763/02

AFOSR 67-0372
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
LC-TIME BEHAVIOR OF WEAK SUPERCONDUCTING LOOPS
PHYS REV V152 N1 PP207-211 2 DEC 1966
BY SHIN E E
SCHWARTZ B B
OAR ACCESS NO.....007911-095
DOC NUMBER.....AD647626
INSTR...AF-49(638)-1468
PROJECT/TASK.....9766/01

AFOSR 67-0373
UNIVERSITY OF MARYLAND
STRONG-COUPLING SUPERCONDUCTOR AT NONZERO TEMPERATURE
PHYS REV LETTERS V14 N4 PP102-105 25 JAN 1965
BY SCALAPINO D J
WADA Y
SWIHART J C
FERRELL R A
PRANGE R E
OAR ACCESS NO.....003333-019
DOC NUMBER.....AD647638
INSTR...AF-AFOSR-0735-65
PROJECT/TASK.....9761/01

AFOSR 67-0374
UNIVERSITY OF MARYLAND
DEPENDENCE OF THE SUPERCONDUCTING CRITICAL TEMPERATURE ON
C RUPRECHT PP744-747 1966
BASIC PROBLEMS IN THIN FILM PHYSICS GOTTINGEN-VANDENHOECK
C RUPRECHT PP677-694 1966
BY BARDASIS A
PRANGE R E
YORKE E D
OAR ACCESS NO.....003333-022
DOC NUMBER.....AD647869
INSTR...AF-AFOSR-0735-65
PROJECT/TASK.....9761/01

AFOSR 67-0375
UNIVERSITY OF CALIFORNIA
METHOD OF DETECTING SMALL ANGLES OF MICROWAVE FARADAY
ROTATION
REV SCI INSTR V37 N11 PP1620-1621 NOV 1966
BY CHAI S
VOGELMUT P
OAR ACCESS NO.....008705-001
DOC NUMBER.....AD647641
INSTR...AF-AFOSR-0139-66
PROJECT/TASK.....4751/00

AFOSR 67-0376
YALE UNIVERSITY
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POSITIONS
PROGR ASTRON V17 PP3-30 1966
BY SZEBEHELY V G
OAR ACCESS NO.....011493-005
DOC NUMBER.....AD647640
INSTR...AF-AFOSR-0397-65
PROJECT/TASK.....9749/01

AFOSR 67-0377
UNIVERSITY OF SOUTHERN CALIFORNIA
OPTIMAL CONTROL PROBLEMS AS EXTREMAL PROBLEMS IN A BANACH
SPACE
PROC SYMP SYSTEM THEORY POLYTECHNIC INST BROOKLYN NY 20-22
APR 1965 PP215-224
BY NEUSTADT L W
OAR ACCESS NO.....014491-018
DOC NUMBER.....AD647456
INSTR...AF-AFOSR-0496-65
PROJECT/TASK.....4751/00

AFOSR 67-0378
YALE UNIVERSITY
ON MOULTONS ORBITS IN THE RESTRICTED PROBLEM OF THREE
BODIES
PROC NATL ACAD SCI V56 N6 PP1641-1645 DEC 66
BY SZEBEHELY V
OAR ACCESS NO.....011493-006
DOC NUMBER.....AD647644
INSTR...AF-AFOSR-0397-65
PROJECT/TASK.....9749/01

AFOSR 67-0374
BRANDEIS UNIVERSITY
CONFORMAL GEOMETRY AND THE INTERPRETATION OF THE WEYL TENSOR
PERSPECTIVES IN GEOMETRY & RELATIVITY INDIANA U PRESS PP 291-301 1966

BY PIRANI F A E
SCHILD A

OAR ACCESS NO.....009193-006
DDC NUMBER.....AD647845
INSTR...AF-AFOSR-0349-65
PROJECT/TASK.....9751/01

AFOSR 67-0380
DUKE UNIVERSITY
MILLIMETER- AND SUBMILLIMETER-WAVE SPECTRA AND MOLECULAR CONSTANTS OF SILVER CHLORIDE
PHYS REV V152 N1 PP4P-45 DEC 1966

BY PEARSON E
GORDY W

OAR ACCESS NO.....000274-022
DDC NUMBER.....AD647850
INSTR...AF-AFOSR-0493-66
PROJECT/TASK.....9767/02

AFOSR 67-0381
UNIVERSITY OF HULL
KINETICS OF HYDROGEN-OXYGEN AND HYDROCARBON-OXYGEN REACTIONS FINAL REPORT OCT 1966

BY BALDWIN R R
WALKER R W

OAR ACCESS NO.....001953-001
DDC NUMBER.....AD646850
INSTR...AF-EOAR -0068-65
PROJECT/TASK.....9750/02

AFOSR 67-0382
ATLANTIC RESEARCH CORPORATION
RESEARCH ON THE DEFLAGRATION OF HIGH-ENERGY SOLID OXIDIZERS QTSR NO 4 DEC 1966

BY VON ELBE G
LEVY J B
FRIEDMAN R
MCHALE E T

OAR ACCESS NO.....017041-004
DDC NUMBER.....AD646758
INSTR...AF-61(052)-00675
PROJECT/TASK.....9713/01

AFOSR 67-0383
INNSBRUCK UNIVERSITY
ONE-DIMENSIONAL ANALYSIS OF A TRAVELLING WAVE ACCELERATOR SR NO 41 DEC 1966

BY FRIEDEL H

OAR ACCESS NO.....013250-033
DDC NUMBER.....AD646778
INSTR...AF-61(052)-00675
PROJECT/TASK.....9752/01

AFOSR 67-0384
IIT RESEARCH INSTITUTE
ADVANCED OXIDIZER CHEMISTRY
IITRI-C227-17 NOV 1966

BY SOLOMON I J

OAR ACCESS NO.....015930-003
DDC NUMBER.....AD646779
INSTR...AF-49(638)-01175
PROJECT/TASK.....9713/02

AFOSR 67-0385
DUKE UNIVERSITY
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J MOL SPECTRY V21 N3 PP291-301 NOV 1966

BY STEINER P A
GORDY W

OAR ACCESS NO.....000274-023
DDC NUMBER.....AD647451
INSTR...AF-AFOSR-0493-66
PROJECT/TASK.....9767/02

AFOSR 67-0386
CALIFORNIA INSTITUTE OF TECHNOLOGY
THE ABUNDANCES OF LITHIUM AND BERYLLIUM IN SOME F DWARFS AND K GIANTS
ASTROPHYS J V146 N2 PP383-391 NOV 1966

BY CONTI P S
DANZIGER I J

OAR ACCESS NO.....000581-013
DDC NUMBER.....AD647485
INSTR...AF-69(638)-01323
PROJECT/TASK.....9774/01

AFOSR 67-0388
UNIVERSITY OF ROCHESTER
ANTINORMALLY ORDERED CORRELATIONS AND QUANTUM COUNTERS
PHYS REV V152 N1 PP439-451 2 DEC 1966

BY MANDEL L

OAR ACCESS NO.....018030-004
DDC NUMBER.....AD647348
INSTR...AF-49(638)-01532
PROJECT/TASK.....9767/02

AFOSR 67-0389
UNIVERSITY OF TEXAS
POPULATION INVERSION AND LASER OSCILLATION IN ATOMIC AND MOLECULAR GASES
USEP TECHNICAL REPORT NO 30 JAN 1967

BY ALLEN R O
DOUGAL A A

OAR ACCESS NO.....015242-002
DDC NUMBER.....AD806954
INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....9751/00

AFOSR 67-0390
THE UNIVERSITY OF TEXAS
ACTIVE NETWORK SYNTHESIS USING PRACTICAL AMPLIFIERS
USEP TECHNICAL REPORT NO 29 DEC 1966

BY COOPER R E
MANNOUNT C D

OAR ACCESS NO.....015242-001
DDC NUMBER.....AD806863
INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....9751/00

AFOSR 67-0391
MARTIN CO
AFOSR COMBINED CONTRACTORS MEETING ON COMBUSTION DYNAMICS RESEARCH 3RD COCOA BEACH FLORIDA 27-30 JUN 1967
COMPILATION OF ABSTRACTS

OAR ACCESS NO.....017030-001

INSTR...AF-49(638)-01506
PROJECT/TASK.....9711/01

AFOSR 67-0392
BUREAU OF SOCIAL SCIENCE RESEARCH INC
THE PASSION FOR SKYDIVING

BY KLAUSNER S Z

OAR ACCESS NO.....004071-005
DDC NUMBER.....AD650369
INSTR...AF-49(638)-01510
PROJECT/TASK.....9779/01

AFOSR 67-0393
NORTHWESTERN UNIVERSITY
ANALYSIS AND DESIGN OF COMMUNICATION NETWORKS WITH MEMORY
JANUARY 1967

BY MAKIMI S L

OAR ACCESS NO.....011791-006
DDC NUMBER.....AD806373
INSTR...AF-AFOSR-0098-65
PROJECT/TASK.....9749/01

AFOSR 67-0394
TECHNION RESEARCH AND DEVELOPMENT FOUNDATION
SMALL PERTURBATIONS TRANSONIC AND HYPER-CRITICAL FLOWS WITH SHOCKS FINAL REPORT AUG 1966

BY GOFFEN N

OAR ACCESS NO.....019031-001
DDC NUMBER.....AD647193
INSTR...AF-EOAR -0083-65
PROJECT/TASK.....9752/01

AFOSR 67-0395
THE UNIVERSITY OF MICHIGAN
RELAXATION TO EQUILIBRIUM OF A DILUTE PLASMA FINAL REPORT JAN 1967

BY ONG R S B
FU J H M

OAR ACCESS NO.....019051-001
DDC NUMBER.....AD647446
INSTR...AF-AFOSR-0825-65
PROJECT/TASK.....9783/02

AFOSR 67-0396
CASE INSTITUTE OF TECHNOLOGY
PHOTO-INDUCED REDOX REACTIONS
FEBRUARY 1967

BY KOCHI J K
BETHEA T W III
HAY A F

OAR ACCESS NO.....013160-001
DDC NUMBER.....AD647430
INSTR...AF-AFOSR-0226-63
PROJECT/TASK.....9710/02

AFOSR 67-0397
UNIVERSITY OF CHICAGO
RESEARCH ON VORTICITY IN SUPERFLUID HELIUM FINAL REPORT DEC 1966

BY DONNELLY R J

OAR ACCESS NO.....016590-011
DDC NUMBER.....AD807522
INSTR...AF-AFOSR-0705-65
PROJECT/TASK.....9767/01

AFOSR 67-0401
UNIVERSITY OF MINNESOTA
RESEARCH ON TRANSPORT AND TRANSFORMATION IN CONTINUA FINAL REPORT DEC 1966

BY SCRIVEN L E

OAR ACCESS NO.....013340-005
DDC NUMBER.....AD648962
INSTR...AF-AFOSR-0219-63
PROJECT/TASK.....9767/01

AFOSR 67-0403
UNIVERSITY OF PARMA
PROCESSING OF SENSORY VISUAL INFORMATION FINAL REPORT JAN 1967
JANUARY 1967

BY ARDUINI A

OAR ACCESS NO.....018032-001
DDC NUMBER.....AD647119
INSTR...AF-EOAR -0026-66
PROJECT/TASK.....9777/01

AFOSR 67-0408
UNIVERSITY OF TORONTO
SERIES REPRESENTATIONS OF DISTRIBUTIONS OF QUADRATIC FORMS IN NORMAL VARIABLES II NON-CENTRAL CASE
NOVEMBER 1966

OAR ACCESS NO.....020880-001
BY KOTZ S — DOC NUMBER.....AD647400
JOHNSON N L — INSTR...AF-AFOSR-1009-66
BOYD D W — PROJECT/TASK.....9769/02

AFOSR 67-0410
RICE UNIVERSITY
SEARCH FOR GAMMA RADIATION FROM SUPERNOVA REMNANTS FINAL REPORT JAN 1967
31 JANUARY 1967

OAR ACCESS NO.....018570-003
BY HAYMES R C — DOC NUMBER.....AD647420
INSTR...AF-AFOSR-0858-65
PROJECT/TASK.....9751/02

AFOSR 67-0412
FLORIDA STATE UNIVERSITY
REACTIVE INTERMEDIATES AND POTENTIAL CATALYSTS FINAL REPORT FEB 1967

OAR ACCESS NO.....010611-001
BY DE TAR D F — DOC NUMBER.....AD647222
INSTR...AF-AFOSR-0529-66
PROJECT/TASK.....9762/02

AFOSR 67-0413
STANFORD RESEARCH INSTITUTE
DETONATION CHARACTERISTICS OF LOW DENSITY GRANULAR MATERIALS
GMU-5819 JAN 1967

OAR ACCESS NO.....010371-001
BY EVANS M W — DOC NUMBER.....AD647269
REESE D E — INSTR...AF-49(638)-01669
SEELY L B — PROJECT/TASK.....9711/01

AFOSR 67-0414
VON KARMAN INSTITUTE FOR FLUID DYNAMICS
LOW DENSITY HIGH TEMPERATURE GAS DYNAMICS FINAL REPORT
DEC 1966

OAR ACCESS NO.....012332-001
BY SMOLDEREN J J — DOC NUMBER.....AD647391
INSTR...AF-EOAR-66-16-66
PROJECT/TASK.....9783/01

AFOSR 67-0415
NEW YORK RESEARCH GROUP INC
A MATHEMATICAL MODEL FOR THE PERCEPTION OF TONES IN CONTEXT TECH REPT NO 1 DEC 1966

OAR ACCESS NO.....017791-001
BY ROTHENBERG D — DOC NUMBER.....AD647370
INSTR...AF-49(638)-01738
PROJECT/TASK.....9769/05

AFOSR 67-0416
INNSBRUCK UNIVERSITY
ON THE USE OF VARIATIONAL METHODS IN STEADY MAGNETOGASDYNAMICS
JOURNAL OF APPLIED MATHEMATICS AND PHYSICS /ZAMP/ V18 N5 P672-682 1967

OAR ACCESS NO.....013050-034
BY CAP F — DOC NUMBER.....AD648250
MUELLER G — INSTR...AF-61(052)-00675
PROJECT/TASK.....9762/01

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UNIVERSITY OF MARYLAND
PHOSPHORUS COORDINATION COMPOUNDS OF TRANSITION METALS FINAL REPORT JAN 1967

OAR ACCESS NO.....015430-003
BY GRIM S O — DOC NUMBER.....AD647265
INSTR...AF-AFOSR-0782-65
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A MAGNETIC ANNULAR ARC DRIVEN SHOCK TUBE
RESEARCH REPORT 263 JAN 1967

OAR ACCESS NO.....002272-005
BY SCHNEIDERMAN A M — DOC NUMBER.....AD807719
PUGH E R — INSTR...AF-49(638)-01483
PATRICK C M — PROJECT/TASK.....9752/01

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UNIVERSITY OF CALIFORNIA
STUDY OF THE DEVELOPMENT AND STABILIZATION OF DETONATIONS FINAL REPORT OCT 1966

OAR ACCESS NO.....001938-003
BY OPPENHEIM A K — DOC NUMBER.....AD647467
INSTR...AF-AFOSR-0129-66
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AN EXPERIMENTAL STUDY OF TURBULENT BOUNDARY LAYER ON ROUGH WALLS
REPORT MD-18 JULY 1966

OAR ACCESS NO.....001402-004
BY LIU C K — DOC NUMBER.....AD647268
KLINE S J — INSTR...AF-49(638)-01278
JOHNSTON J P — PROJECT/TASK.....9711/02

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PURDUE UNIVERSITY
A KEYWORD AND AUTHOR INDEX FOR THE MASTERS THESES IN THE PURE AND APPLIED SCIENCES ACCEPTED BY U S COLLEGES AND UNIVERSITIES FINAL REPORT NOV 1966

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L/ DAVIS F — DOC NUMBER.....AD649107
TOULOUKIAN Y S — INSTR...AF-49(638)-01371
PROJECT/TASK.....9769/01

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NORTHWESTERN UNIVERSITY
ON SHIFT-REGISTER REALIZATIONS OF SEQUENTIAL MACHINES

OAR ACCESS NO.....011791-007
BY SU C C — DOC NUMBER.....AD686593
INSTR...AF-AFOSR-0098-65
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BY LOWE T C — DOC NUMBER.....AD647198
INSTR...AF-49(638)-01421
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UNIVERSITY OF CALIFORNIA
OPTIMAL CONTROL OF CONTINUOUS-TIME STOCHASTIC SYSTEMS
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BY MORTENSEN R E — DOC NUMBER.....AD689189
INSTR...AF-AFOSR-0139-65
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INSTR...AF-AFOSR-0002-65
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AFOSR 67-0427
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OAR ACCESS NO.....002783-009
BY SHYU W M — DOC NUMBER.....AD647379
DAS T P — INSTR...AF-AFOSR-0611-66
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UNIVERSITY OF WASHINGTON
COLLISIONAL ENERGY TRANSFER THERMAL UNIMOLECULAR SYSTEMS IN THE LOW-PRESSURE REGION
J CHEM PHYS V45 N10 PP3720-3730 15 NOV 1966

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UNIVERSITY OF CALIFORNIA
ELECTROPHILIC SUBSTITUTION AT SATURATED CARBON XXIX RELATIONSHIPS BETWEEN POSITION OF PROTONATION OF ALLYLIC ANIONS AND THE KINETIC AND THERMODYNAMIC STABILITIES OF THE
J AM CHEM SOC V88 N24 PP5777-5791 20 DEC 1966

OAR ACCESS NO.....011701-003
BY FLA S W — DOC NUMBER.....AD647375
CRAM D J — INSTR...AF-AFOSR-0124-65
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UNIVERSITY OF SOUTHERN CALIFORNIA
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IEEE TRANS AEROSPACE ELECTRON SYSTEMS VAES-2 N5 PP608-611 SEP 1966

OAR ACCESS NO.....014491-019
BY GAGLIARDI R M — DOC NUMBER.....AD667313
INSTR...AF-AFOSR-0496-65
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UNIVERSITY OF SOUTHERN CALIFORNIA
AN ABSTRACT VARIATIONAL THEORY WITH APPLICATIONS TO A BROAD CLASS OF OPTIMIZATION PROBLEMS I GENERAL THEORY
J SIAM CONTROL V6 N3 PP805-822 1966
OAR ACCESS NO.....014492-003
BY NEUSTADT L W
DOC NUMBER.....AD646418
INSTR...AF-AFOSR-0496-66
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UNIVERSITY OF SOUTHERN CALIFORNIA
EXCITATION OF WAVES IN HOT-PLASMA WAVEGUIDES WITH INFINITE MAGNETOSTATIC FIELDS
J APPL PHYS V37 N4 PP1724-1729 15 MAR 1966
OAR ACCESS NO.....014491-020
BY RUEHL H H
STEWART G E
DOC NUMBER.....AD647318
INSTR...AF-AFOSR-0496-65
PROJECT/TASK.....9781/00

AFOSR 67-0433
ISRAEL INSTITUTE OF TECHNOLOGY
FERROMAGNETIZATION OF FERROMAGNETIC MULTIPLE FILMS AT LIQUID HELIUM TEMPERATURES
PROC INTERN SYMP CLAUSTHAL-GOTTINGEN PP477-486 6-11 SEP 1965
OAR ACCESS NO.....012700-009
BY MERSCH A A
DOC NUMBER.....AD647378
INSTR...AF-EOAR -0071-63
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AFOSR 67-0434
CASE INSTITUTE OF TECHNOLOGY
MAGNETIC BREAKDOWN IN THE LONG OHVA PERIODS IN ZINC
LOW TEM PHYS-LTD PTJ PP856-858 1965
OAR ACCESS NO.....005352-006
BY LAWSON J B
GORDON W L
DOC NUMBER.....AD647441
INSTR...AF-AFOSR-0538-66
PROJECT/TASK.....9763/02

AFOSR 67-0435
CASE INSTITUTE OF TECHNOLOGY
THE FERMI SURFACE OF ALUMINUM AND DILUTE ALUMINUM-ZINC ALLOYS
LOW TEMP PHYS-LTD PTD PP752-758 1965
OAR ACCESS NO.....005352-007
BY SHEPHERD J P G
LAWSON C D
ROUENTS D
GORDON W L
DOC NUMBER.....AD647438
INSTR...AF-AFOSR-0538-66
PROJECT/TASK.....9763/02

AFOSR 67-0436
CASE INSTITUTE OF TECHNOLOGY
OBSERVATION OF CYCLOTRON RESONANCE IN MAGNESIUM
LOW TEMP PHYS-LTD PTD PP759-760 1965
OAR ACCESS NO.....005352-008
BY ECK T G
SHAW R P
DOC NUMBER.....AD647439
INSTR...AF-AFOSR-0538-66
PROJECT/TASK.....9763/02

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CASE INSTITUTE OF TECHNOLOGY
CYCLOTRON RESONANCE INVESTIGATION OF THE FERMI SURFACE OF CADMIUM
LOW TEMP PHYS-LTD PTD PP761-764 1964
OAR ACCESS NO.....005352-009
BY SHAW R P
ECK T G
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UNIVERSITY OF MARYLAND
SOLUTION OF THE GAP EQUATION FOR PB HG AND AL
PHYS REV LETTERS V18 N4 PP136-138 25 JAN 65
OAR ACCESS NO.....001333-020
BY SWIHART J C
SCALAPINO D J
WADA Y
DOC NUMBER.....AD647381
INSTR...AF-AFOSR-0735-65
PROJECT/TASK.....9761/01

AFOSR 67-0439
STANFORD UNIVERSITY
MULTIPLE ACOUSTIC DIFFRACTION TECHNIQUES FOR FREQUENCY SHIFTING OF LASER SOURCES
PROC IEEE V54 N9 PP1217-1218 SEP 1966
OAR ACCESS NO.....006663-002
BY TSAI C S
AULD B A
DOC NUMBER.....AD647345
INSTR...AF-49/638/01629
PROJECT/TASK.....4751/00

AFOSR 67-0440
UNIVERSITY OF SOUTHERN CALIFORNIA
CODING THE VERTEXES OF A GRAPH
IEEE TRANS INFORM THEORY VIT-21 N2 PP184-193 APRIL 1966
OAR ACCESS NO.....014491-021
BY GREUER M A
DOC NUMBER.....AD647316
INSTR...AF-AFOSR-0496-65
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UNIVERSITY OF SOUTHERN CALIFORNIA
THE FORMULATION OF SOME ALLOCATION AND CONNECTION PROBLEMS AS INTEGER PROGRAMS
NAVAL RES LOGISTICS QUART V13 N1 PP83-95 MARCH 1966
OAR ACCESS NO.....014491-025
BY GREUER M A
DOC NUMBER.....AD636511
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AFOSR 67-0442
UNIVERSITY OF SOUTHERN CALIFORNIA
ON THE FEEDBACK CONTROL OF DISTRIBUTED PARAMETER SYSTEMS
INTERN J CONTROL V3 N3 PP255-271 1966
OAR ACCESS NO.....014492-006
BY WANG P K C
DOC NUMBER.....AD647320
INSTR...AF-AFOSR-0496-66
PROJECT/TASK.....4751/00

AFOSR 67-0443
THE JOHNS HOPKINS UNIVERSITY
SPECTRAL ANALYSIS FOR GEOPHYSICAL DATA
GEOPHYS J ROY ASTRON SOC V11 PP225-236 1966
OAR ACCESS NO.....014670-006
BY HANNAN E J
DOC NUMBER.....AD647348
INSTR...AF-49/638/01302
PROJECT/TASK.....9749/02

AFOSR 67-0444
UNIVERSITY OF ROCHESTER
POLARIZED POSITRON ANNIHILATION IN FERROMAGNETIC NICKEL
PHYS LETTERS V21 N6 PP610-611 1 JUL 1966
OAR ACCESS NO.....016610-001
BY MIHALISIN T W
PARKS R D
DOC NUMBER.....AD648213
INSTR...AF-AFOSR-0807-65
PROJECT/TASK.....9763/02

AFOSR 67-0445
FLORIDA STATE UNIVERSITY
ISOBARIC SPIN IN NUCLEAR PHYSICS
ANN REV NUCL SCI V16 PP119-152 1966
OAR ACCESS NO.....005114-006
BY ROHSON D
DOC NUMBER.....AD647443
INSTR...AF-AFOSR-0440-66
PROJECT/TASK.....9751/02

AFOSR 67-0446
FLORIDA STATE UNIVERSITY
A BROAD-RANGE MAGNETIC SPECTROGRAPH SYSTEM FOR ROUTINE ANGULAR DISTRIBUTION DETERMINATIONS
NUCL INSTR METHODS V44 PP98-102 1966
OAR ACCESS NO.....005114-007
BY FELOL E
FETROW C
HOOKE C F
DOC NUMBER.....AD648174
INSTR...AF-AFOSR-0440-66
PROJECT/TASK.....9751/02

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UNIVERSITY OF CALIFORNIA
ELECTROPHILIC SUBSTITUTION AT SATURATED CARBON XXX
BEHAVIOR OF PHENYLALLYLIC ANIONS AND THEIR CONJUGATED ACIDS
J AM CHEM SOC V88 N24 PP5791-5802 20 DEC 1966
OAR ACCESS NO.....011701-004
BY ELA S W
CRAM D J
DOC NUMBER.....AD647999
INSTR...AF-AFOSR-0124-65
PROJECT/TASK.....9762/02

AFOSR 67-0449
FLORIDA STATE UNIVERSITY
COMPREHENSIVE FORMALISM FOR NUCLEAR REACTION PROBLEMS I DERIVATION OF EXISTING REACTION THEORIES
PHYS REV V151 N3 PP774-787 18 NOV 1966
OAR ACCESS NO.....005114-008
BY LANE A M
ROBSON D
DOC NUMBER.....AD647996
INSTR...AF-AFOSR-0440-66
PROJECT/TASK.....9751/02

AFOSR 67-0450
HUGHES RESEARCH LABORATORIES
INVESTIGATION OF SPECTRAL BLEACHING IN PASSIVE Q-SWITCH DYES
APPL PHYS LETTERS V9 N5 PP196-198 SEP 1966
OAR ACCESS NO.....015101-001
BY GIULIANO C R
HESS L D
DOC NUMBER.....AD648569
INSTR...AF-49/638/01607
PROJECT/TASK.....9768/02

AFOSR 67-0451
UNIVERSITY OF SOUTHERN CALIFORNIA
A FINITE STATE APPROACH TO THE SYNTHESIS OF BIOENGINEERING CONTROL SYSTEMS
IEEE TRANS HUMAN FACTORS ELECTRON VHFE-7 N2 PP65-69 JUN 1966
OAR ACCESS NO.....014491-022
BY TOMOVIC R
MCGHEE J B
DOC NUMBER.....AD646272
INSTR...AF-AFOSR-0496-65
PROJECT/TASK.....4751/00

AFOSR 67-0452
UNIVERSITY OF SOUTHERN CALIFORNIA
ADAPTIVE SAMPLING BASED ON AMPLITUDE SENSITIVITY
IEEE TRANS AUTOM CONTROL VAC-11 N2 PP282-286 APR 1966
OAR ACCESS NO.....014491-023
BY TOMOVIC R — DDC NUMBER.....AD648273
BEKEY G A — INSTR...AF-AFOSR-0496-65
PROJECT/TASK.....9781/00

AFOSR 67-0453
UNIVERSITY OF SOUTHERN CALIFORNIA
SURFACE RECOMBINATION VELOCITIES AND DIFFUSION LENGTHS IN GAS
PROC INTERN CONF PHYS SEMICOND KYOTO J PHYS SOC JAPAN V21 PP312-316 1966
OAR ACCESS NO.....011911-002
BY WITTRY D B — DDC NUMBER.....AD647455
KYSCR D P — INSTR...AF-AFOSR-0076-66
PROJECT/TASK.....9761/03

AFOSR 67-0454
POLYTECHNIC INSTITUTE OF BROOKLYN
NEAREST-NEIGHBOR ELECTRON SCATTERING IN SILICON
APPL PHYS LETTERS V9 N7 PP261-263 1 OCT 1966
OAR ACCESS NO.....018060-003
BY STERN R M — DDC NUMBER.....AD648565
TAUB H — INSTR...AF-49(638)01369
PROJECT/TASK.....9761/01

AFOSR 67-0455
STANFORD UNIVERSITY
DOPPLER CONVOLUTION AND ADIABATIC TIME DOMAIN CONVERSION OF ACOUSTIC AND SPIN WAVES
APPL PHYS LETTERS V9 N5 PP192-194 SEP 1966
OAR ACCESS NO.....004663-003
BY AULD B A — DDC NUMBER.....AD648550
TSAI C S — INSTR...AF-49(638)01429
PROJECT/TASK.....9768/02

AFOSR 67-0456
PHILIPS LABORATORIES INC
IMPROVED SLITS FOR X-RAY POWDER DIFFRACTOMETERS
REV SCI INSTR V37 N11 PP1607-1608 NOV 66
OAR ACCESS NO.....016056-004
BY PARRISH W — DDC NUMBER.....AD648567
INSTR...AF-49(638)01234
PROJECT/TASK.....3820/00

AFOSR 67-0457
UNIVERSITY OF MIAMI
NONPLANAR CYCLOBUTANE I THE 3-ISOPROPYLCYCLOBUTYL SYSTEM NUCLEAR MAGNETIC RESONANCE SPECTRA OF ALCOHOLS AND AMINES
J AM CHEM SOC V89 PP155-158 1967
OAR ACCESS NO.....012570-003
BY LILLIEN I — DDC NUMBER.....AD648178
DOUGHTY H A — INSTR...AF-AFOSR-0123-63
PROJECT/TASK.....9762/02

AFOSR 67-0458
MCGILL UNIVERSITY
XENON YIELDS IN THE FISSION OF HEAVY ELEMENTS BY MEDIUM-ENERGY PROTONS
CAN J CHEM V44 PP2951-2972 1966
OAR ACCESS NO.....009380-004
BY FORSTER J M — DDC NUMBER.....AD647342
POHILE N T — INSTR...AF-AFOSR-0024-62
YAFFE L — PROJECT/TASK.....9760/01

AFOSR 67-0459
UNIVERSITY OF CALIFORNIA
DI-T-BUTYLHYPONITRITE A CONVENIENT SOURCE OF T-BUTOXY RADICALS
TETRAHEDRON LETTERS N49 PP6163-6168 1966
OAR ACCESS NO.....014381-002
BY KIEFER H — INSTR...AF-AFOSR-0514-66
THAYLUM T G — PROJECT/TASK.....9762/02

AFOSR 67-0460
UNIVERSIDAD DE CHILE
BEHAVIORAL AND POLYGRAPHIC STUDY OF SLEEP AND WAKEFULNESS IN CHRONIC DECEREBRATE CATS
ELECTROENCEPHALOG GLIN NEUROPHYSIOL V21 PP567-577 1966
OAR ACCESS NO.....010831-005
BY VILLABLANCA J — DDC NUMBER.....AD647380
INSTR...AF-AFOSR-0317-63
PROJECT/TASK.....9777/01

AFOSR 67-0462
UNIVERSITY OF CALIFORNIA
ION CYCLOTRON INSTABILITIES IN A BOUNDED BEAM-PLASMA SYSTEM
JAPAN J APPL PHYS V5 N1 PP105-112 JAN 1966
OAR ACCESS NO.....008703-036
BY HASEGAWA A — DDC NUMBER.....AD647370
INSTR...AF-AFOSR-0139-64
PROJECT/TASK.....4751/00

AFOSR 67-0463
POLYTECHNIC INSTITUTE OF BROOKLYN
SEMI-ANALYTIC APPROACH TO ROOT LOCUS
IEEE TRANS AUTOM CONTROL VAC-11 N1 PP108-108 JAN 1966
OAR ACCESS NO.....001685-026
BY KRISHNAN V — DDC NUMBER.....AD648851
INSTR...AF-49(638)01402
PROJECT/TASK.....4751/00

AFOSR 67-0464
UNIVERSITY OF SOUTHERN CALIFORNIA
SPACE-TIME CROSS-CORRELATION FUNCTIONS FOR ANTENNA ARRAY ELEMENTS IN A NOISE FIELD
IEEE TRANS INFORM THEORY PP182-190 APRIL 1966
OAR ACCESS NO.....012380-006
BY CHILDERS D G — DDC NUMBER.....AD648869
REED I S — INSTR...AF-AFOSR-0186-63
PROJECT/TASK.....9768/00

AFOSR 67-0465
POLYTECHNIC INSTITUTE OF BROOKLYN
AN EXPLICIT RELATION BETWEEN MUTUAL COUPLING AND THE PATTERN OF AN ANTENNA ARRAY
J IEEE INTERN CONV RECORD PT 5 PP169-171 1966
OAR ACCESS NO.....001685-025
BY KAHN W K — DDC NUMBER.....AD648564
WASYLKIWSKYJ W — INSTR...AF-49(638)01402
PROJECT/TASK.....4751/00

AFOSR 67-0466
FLORIDA STATE UNIVERSITY
ELASTIC SCATTERING OF ALPHA-PARTICLES BY 24MG IN THE ENERGY RANGE 8 TO 19 MEV
NUCL PHYS V84 PP641-650 1966
OAR ACCESS NO.....005114-009
BY SO S S — DDC NUMBER.....AD647382
MAYER-BORICKE C — INSTR...AF-AFOSR-0440-66
PROJECT/TASK.....9751/02

AFOSR 67-0467
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INVERSION OF THE ECCENTRICITY EFFECT IN STIFFENED CYLINDRICAL SHELLS BUCKLING UNDER EXTERNAL PRESSURE
J MECH ENG SCI V8 N4 PP363-373 1966
OAR ACCESS NO.....001323-011
BY SINGER J — DDC NUMBER.....AD648255
BARUCH M — INSTR...AF-EOAR-0058-63
HARARI O — PROJECT/TASK.....9782/01

AFOSR 67-0468
AEROCHEM RESEARCH LABS INC
EFFECTS OF THE STEFAN-NUSSELT FLOW ON THE APPARENT KINETICS OF HETEROGENEOUS CHEMICAL REACTIONS IN FORCED CONVECTION SYSTEMS
INTERN J HEAT MASS TRANSFER V9 PP1233-1253 NOV 1966
OAR ACCESS NO.....009780-013
BY ROSNER D E — DDC NUMBER.....AD647532
INSTR...AF-49(638)01138
PROJECT/TASK.....9750/02

AFOSR 67-0469
SPACE SCIENCES INC
KINETIC THEORY OF DIFFUSION IN RAREFIED GASES
PHYS FLUIDS V9 N9 PP1474-1485 SEP 1966
OAR ACCESS NO.....012390-004
BY ZIERING S — DDC NUMBER.....AD647488
SHEINDLATT M — INSTR...AF-49(638)01228
PROJECT/TASK.....9783/01

AFOSR 67-0470
UNIVERSITA DEGLI STUDI DI NAPLES
TRANSONIC APPROXIMATIONS FOR REACTING MIXTURES
ISRAEL J TECHNOL V4 N1 PP159-171 FEB 1966
OAR ACCESS NO.....006031-001
BY NAPOLITANO L G — INSTR...AF-61(052)00653
PROJECT/TASK.....9781/02

AFOSR 67-0471
HARVARD UNIVERSITY
PHYS REV V151 N6 PP1055-1057 25 NOV 1966
OAR ACCESS NO.....006861-027
BY SCHWINGER J — DDC NUMBER.....AD647489
INSTR...AF-49(638)01380
PROJECT/TASK.....9751/01

AFOSR 67-0471
HARVARD UNIVERSITY
ELECTRIC-AND MAGNETIC-CHARGE RENORMALIZATION II
PHYS REV V151 N6 PP1055-1057 25 NOV 1966
OAR ACCESS NO.....006861-029
BY SCHWINGER J — INSTR...AF-49(638)01380
PROJECT/TASK.....9751/01

AFOSR 67-0472
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MUTUAL REFRACTION OF ELECTRONS AND PHOTONS
PHYS REV V150 N4 PP1089-1069 OCT 66
OAR ACCESS NO.....010681-029
BY KIDMLE T W B
DDC NUMBER.....AD647635
INSTR...AF-EOAR -0046-66
PROJECT/TASK.....9750/01

AFOSR 67-0473
TEL AVIV UNIVERSITY
INHOMOGENEOUS COMPLETION OF NON-COMPACT SEMISIMPLE GROUPS WITH THE MAXIMAL COMPACT SUBGROUP AS LITTLE GROUP
COMMUN MATH PHYS V3 PP181-186 1966
OAR ACCESS NO.....021680-006
BY NE EMAN Y
DDC NUMBER.....AD647517
INSTR...AF-EOAR -0039-66
PROJECT/TASK.....9751/01

AFOSR 67-0474
HARVARD UNIVERSITY
ELECTRIC- AND MAGNETIC-CHARGE RENORMALIZATION I
PHYS REV V151 N4 PP1048-1054 25 NOV 1966
OAR ACCESS NO.....004861-028
BY SCHWINGER J
DDC NUMBER.....AD647347
INSTR...AF-49(638)-1380
PROJECT/TASK.....9751/01

AFOSR 67-0475
HARVARD UNIVERSITY
ELECTRIC-AND MAGNETIC-CHARGE RENORMALIZATION I
PHYS REV V151 N4 PP1048-1054 25 NOV 1966
OAR ACCESS NO.....004861-030
BY SCHWINGER J
INSTR...AF-49(638)-1380
PROJECT/TASK.....9751/01

AFOSR 67-0475
UNIVERSITY OF CALIFORNIA
POSSIBLE ONE-CHANNEL CASTILLEJO-DALITZ-DYSON POLES IN N AND SCATTERING
PHYS REV V150 N4 PP1377-1386 28 OCT 66
OAR ACCESS NO.....005134-006
BY ATKINSON D
HALPERN M O
DDC NUMBER.....AD647374
INSTR...AF-AFOSR-0232-66
PROJECT/TASK.....9751/01

AFOSR 67-0476
UNIVERSITY OF ILLINOIS
A STUDY OF TURBULENCE AT A WALL USING AN ELECTROCHEMICAL WALL SHEAR-STRESS METER
J FLUID MECH V26, PT1 PP199-221 1966
OAR ACCESS NO.....014512-001
BY MITCHELL J C
HANRATTY T J
DDC NUMBER.....AD647453
INSTR...AF-AFOSR-0547-66
PROJECT/TASK.....9783/01

AFOSR 67-0477
UNIVERSITY OF TEXAS
INELASTIC EXCITATION TRANSFER IN HELIUM
J CHEM PHYS V45 N6 PP2167-2169 15 SEP 1966
OAR ACCESS NO.....005305-001
BY TETER M P
ROBERTSON W W
DDC NUMBER.....AD647431
INSTR...AF-AFOSR-0273-66
PROJECT/TASK.....9750/02

AFOSR 67-0478
UNIVERSITY OF TEXAS
CONTINUUM RADIATION IN AN ARGON POSITIVE COLUMN
J CHEM PHYS V45 N7 PP2577-2584 1 OCT 1966
OAR ACCESS NO.....005304-004
BY PRINCE J F
ROBERTSON W W
DDC NUMBER.....AD647429
INSTR...AF-AFOSR-0273-65
PROJECT/TASK.....9750/02

AFOSR 67-0479
UNIVERSITY OF SOUTHERN CALIFORNIA
LOCAL MODE ABSORPTION IN COMPENSATED SILICON-DOPED GALLIUM ARSENIDE
J APPL PHYS V37 N10 PP3687-3691 SEP 1966
OAR ACCESS NO.....014442-007
BY LORIMOR O G
SPITZER W G
DDC NUMBER.....AD647449
INSTR...AF-AFOSR-0496-66
PROJECT/TASK.....4751/00

AFOSR 67-0480
UNIVERSITY OF ROCHESTER
GROWTH OF DISTORTION IN A FINITE-AMPLITUDE SOUND WAVE IN AIR
ACOUST SOC AM V40 N3 PP731-733 SEP 1966
OAR ACCESS NO.....011171-004
BY CRUIKSHANK D H JR
DDC NUMBER.....AD647349
INSTR...AF-49(638)-1320
PROJECT/TASK.....9761/02

AFOSR 67-0481
UNIVERSITY OF MINNESOTA
STRUCTURE OF DIMETHYLGOLD(III) COMPOUNDS SPECTROSCOPIC STUDIES ON THE AQUO ION AND SEVERAL COORDINATION COMPOUNDS
J AM CHEM SOC V88 N24 PP5738-5744 20 DEC 1966
OAR ACCESS NO.....014880-004
BY MILES M G
GLASS G E
TODIAS R S
DDC NUMBER.....AD648258
INSTR...AF-AFOSR-0691-65
PROJECT/TASK.....9710/01

AFOSR 67-0482
RAYTHEON COMPANY
SOME EFFICIENCY MEASUREMENTS OF THE THETA-PINCH
J APPL PHYS V37 N5 PP2155-2161 APR 1966
OAR ACCESS NO.....015110-002
BY SILBERG P A
DDC NUMBER.....AD647499
INSTR...AF-49(638)-1420
PROJECT/TASK.....9768/02

AFOSR 67-0483
UNIVERSITY OF SOUTHERN CALIFORNIA
SENSITIVITY OF DISCRETE SYSTEMS TO VARIATION OF SAMPLING INTERVAL
IEEE TRANS AUTOM CONTROL VAC-11 N2 PP284-287 APR 1966
OAR ACCESS NO.....014491-024
BY HEKEY G A
TOMOVIC R
DDC NUMBER.....AD648274
INSTR...AF-AFOSR-0496-65
PROJECT/TASK.....4751/00

AFOSR 67-0484
HUGHES RESEARCH LABORATORIES
VALIDITY OF THE RYTOV APPROXIMATION IN OPTICAL PROPAGATION CALCULATIONS
J OPT SOC AM V56 N8 PP1045-1052 AUG 1966
OAR ACCESS NO.....015100-005
BY BROWN W P JR
DDC NUMBER.....AD648568
INSTR...AF-49(638)-1439
PROJECT/TASK.....9768/02

AFOSR 67-0485
POLYTECHNIC INSTITUTE OF BROOKLYN
NEW PROPERTY OF THE STABILITY DIAGRAM FOR CURVED-MIRROR RESONATORS
ELECTRON LETTERS V2 N9 SEP 1966
OAR ACCESS NO.....001685-026
BY HARRISON S A
KAHN W K
DDC NUMBER.....AD648556
INSTR...AF-49(638)-1402
PROJECT/TASK.....4751/00

AFOSR 67-0486
UNIVERSITY OF SOUTHERN CALIFORNIA
NEW SOLUTIONS TO THE SIGNAL DESIGN PROBLEM FOR COHERENT CHANNELS
IEEE TRANSINFORM THEORY VIT-12 N2 PP161-167 APR 1966
OAR ACCESS NO.....014491-026
BY WEBER C L
DDC NUMBER.....AD648276
INSTR...AF-AFOSR-0496-65
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UNIVERSITY OF CALIFORNIA
NECESSARY CONDITIONS FOR THE REALIZABILITY OF N-PORT RESISTIVE NETWORKS WITH MORE THAN /N PLUS 1/ NODES
IEEE TRANS CIRCUIT THEORY VCT-12 N4 PP520-527 DEC 1965
OAR ACCESS NO.....008703-037
BY FRISCH I T
SWAMINATHAN K R
DDC NUMBER.....AD647457
INSTR...AF-AFOSR-0139-66
PROJECT/TASK.....4751/00

AFOSR 67-0488
UNIVERSITY OF CALIFORNIA
ABSOLUTE RADIATION STANDARD IN THE FAR INFRARED
J OPT SOC AM V56 N1 PP75-79 JAN 1966
OAR ACCESS NO.....008703-036
BY LICHTENBERG A J
SESNIC S
DDC NUMBER.....AD648207
INSTR...AF-AFOSR-0139-66
PROJECT/TASK.....4751/00

AFOSR 67-0489
RUTGERS UNIVERSITY
ISOTOPIC DIFFERENCES IN THE ZERO DEGREES K VOLUME AND SUBLIMATION ENERGIES OF SOLID NEON AND ARGON
PROC PHYS SOC V89 PP993-1001 1966
OAR ACCESS NO.....010301-005
BY BROWN J S
FELDMAN J L
DDC NUMBER.....AD648260
INSTR...AF-AFOSR-0726-65
PROJECT/TASK.....9761/01

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UNIVERSITY OF CALIFORNIA
CERTAIN SEMICONDUCTOR APPLICATIONS OF THE SCANNING ELECTRON MICROSCOPE
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OAR ACCESS NO.....008703-039
BY EVENHART T E
DDC NUMBER.....AD647372
INSTR...AF-AFOSR-0139-66
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ANALYSIS OF SPACE-TIME STRUCTURE IN ELEMENTARY PARTICLE PHYSICS
NUOVO CIMENTO SERR V48 PP1-38 NOV 1967
BY CASTELL L

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MASSACHUSETTS INSTITUTE OF TECHNOLOGY
GROWTH OF SAMARIUM EUROPIUM THULIU[illegible]
BY VAPOR DEPOSITION
PHOC INTERN CONG CRYSTAL GROWTH BOSTON[illegible]
SUPPL J PHYS CHEM SOLIDS PP271-279 1967
BY SCHNEIDER W

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CORNELL UNIVERSITY
ELECTRONIC STRUCTURE OF THE MANGANATE (MnO4)[illegible]
FROM THE METAL POTASSIUM K-RAY SPECTRA
J CHEM PHYS V46 NO PP3268-3293 MAY 1967
BY BEST P E

AFOSR 67-0494
THE UNIVERSITY OF ROCHESTER
ANISOTROPIC SPIN POLARIZATION IN FERROMAGNETIC NICKEL
PHYS REV LETTERS V18 NO PP210-211 6 F[illegible]
BY NIHALISIN T W
PARKS R D

AFOSR 67-0495
UNIVERSIDAD DE CHILE
EFFECTS OF PENTAMETHYLENETETRAZOL ON CHEMICAL CATA[illegible]
MESENCEPHALIC TRANSECTION
INTERN PHARMACOL CONGR [illegible] SAO PAULO BRAZIL [illegible]
BY VILLABLANCA J

AFOSR 67-0496
UNIVERSITE DE LYON
EEG AND BEHAVIOURAL EFFECTS OF DEPRIVATION OF PARADOXICAL SLEEP IN THE CAT /FRENCH/
ELECTROENCEPHALOG CLIN NEUROPHYSIOL V20 [illegible]
BY VIMONT-VICARY P
JOUVET-MOUNIER D
DELORME F

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UNIVERSITE DE LYON
PARADOXICAL SLEEP AND DREAMING AMONG THE MENTAL DEFECTIVES /FRENCH/
ACTA NEUROL PSYCHIAT BELG V68 PP110-122 1968
BY JOUVET M
PETRE-QUADENS O

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UNIVERSITE DE LYON
SLEEP AND MONOAMINES /FRENCH/
BULL ACAD SUISSE SCI MED V27 N4 PP297-305 [illegible]
BY JOUVET M

AFOSR 67-0499
MAX-PLANCK INSTITUTE
THE DURATION OF RE-ENTRAINMENT OF CIRCADIAN RHYTHMS AFTER PHASE SHIFTS OF THE ZEITGEBER
J THEORET BIOL V13 PP187-201 1966
BY WEVER R

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KAROLINSKA INSTITUTE
INHIBITORY ACTION OF ADRENERGIC BLOCKING AGENTS ON CATECHOLAMINE RELEASE AND UPTAKE IN ISOLATED SYMP[illegible] GRANULES
ACTA PHYSIOL SCAND VAR PP257-267 1966
BY VON EULER U S
LISHAJKO F

AFOSR 67-0501
KAROLINSKA INSTITUTE
CATECHOLAMINE RELEASING FACTORS IN BLOOD-DERIVED DIALYSED DATA EXPOSED TO [illegible] AFTER A CHEMICAL SYMPATHECTOMY TREATMENT
ACTA PHYSIOL SCAND VAR PP189-191 1966
BY PERSSON B

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KAROLINSKA INSTITUTE
[illegible] EFFECTS OF [illegible] ON THE CATECHOLAMINE [illegible] OF RATS TREATED WITH BRETYLIUM
ACTA PHYSIOL SCAND V64 PP179-183 1965
BY JONASSON O S

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UNIVERSITA DEGLI STUDI DI GENOVA
ELECTROPHYSIOLOGICAL EFFECTS OF SELECTIVE [illegible] INACTIVATION OF THE RHINAL AREA AN EXPERIMENTAL STUDY
ESCARPIA MEI ENTRA CONVULSIVA SUL [illegible]
ARCHIV ITAL BIOL V101 PP3-14 1966
BY [illegible]

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UNIVERSITA DEGLI STUDI DI GENOVA
[illegible] OF [illegible] AND WORLD [illegible] IN MAN
BALDINI
ATTI ACCAD FISIOCRIT SIENA PP3-14 1966
BY [illegible]

AFOSR 67-0505
UNIVERSITY OF OREGON
THE [illegible] WAVE E-PATTERN AFTER [illegible]
J NEUROPHYSIOL V30 PP633-658 1967
BY LEE R E
MCCAMMON I F

AFOSR 67-0506
LUND INSTITUTE OF TECHNOLOGY
[illegible] AND ITS INFLUENCE ON THE STRUCTURE OF [illegible]
PHASE CONTRAST SYMP CLEBUSCHAL-GOTTINGEN APRIL 1967 NEPH SOCI
BY ALLUND C M
[illegible]

AFOSR 67-0507
CARNEGIE INSTITUTE OF TECHNOLOGY
[illegible]
ALKALI HALIDES VOL V37 APRIL 1967 JAN 1968
BY [illegible]
MUNSCLE R C
COTES J
[illegible]

AFOSR 67-0508
INTERNATIONAL BUSINESS MACHINES CORPORATION
[illegible]
BY 1967 CHEM PHYS 2 V32 NO [illegible] 1968
BY [illegible]
[illegible]

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[illegible]
[illegible]
ACTA HISTOCHEMICA VOL XXIX SUPPLEMENT
BY [illegible]

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UNIVERSITY OF CALIFORNIA
THE ALPHA-TITANIUM-IRON SOLID SOLUTION AND ITS SUPERCONDUCTING PROPERTIES
J LESS-COMMON METALS V12 PP36-40 1967
OAR ACCESS NO.....016830-046
BY RAUB E — DDC NUMBER.....AD647506
RAUB C J — INSTR...AF-AFOSR-0631-64
ROSCHEL E — PROJECT/TASK.....9763/02
COMPTON V B
GERALLE T H

AFOSR 67-0511
UNIVERSITE DE LYON
MONOAMINES AND SLEEP POLYGRAPHIC NEUROPHARMACOLOGICAL AND HISTOCHEMICAL STUDY OF SLEEP IN THE CAT /FRENCH/
DECEMBER 1966
OAR ACCESS NO.....000893-003
BY DELORME F — DDC NUMBER.....AD647397
INSTR...AF-EOAR -0066-66
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AFOSR 67-0520
CAMBRIDGE UNIVERSITY
GROWTH OF BURNING TO DETONATION IN LIQUIDS AND SOLIDS
FINAL REPORT DEC 1966
OAR ACCESS NO.....018272-001
BY BOWDEN F P — DDC NUMBER.....AD647392
BODDINGTON T — INSTR...AF-EOAR -0003-66
FIELD J E — PROJECT/TASK.....9711/01

AFOSR 67-0521
UNIVERSITY OF ROME
KINETIC STUDIES ON HEMOGLOBIN BY FLASH PHOTOLYSIS FINAL REPORT JAN 1967
OAR ACCESS NO.....018060-001
BY ANTONINI E — DDC NUMBER.....AD648666
INSTR...AF-EOAR -0022-66
PROJECT/TASK.....9777/01

AFOSR 67-0522
MASSACHUSETTS INSTITUTE OF TECHNOLOGY NML
NATIONAL MAGNET LABORATORY FINAL REPORT JAN 1967
OAR ACCESS NO.....007911-007
BY LAX B — DDC NUMBER.....AD647421
FREEMAN A J — INSTR...AF-49(638)-01468
PROJECT/TASK.....9766/00

AFOSR 67-0523
UNIVERSITY OF LUND
QUANTITATIVE ASPECTS ON THERMAL STABILITY OF ORGANIC COMPOUNDS FINAL REPORT NOV 1966
OAR ACCESS NO.....011581-001
BY SUNNER S — DDC NUMBER.....AD647707
INSTR...AF-EOAR -0034-66
PROJECT/TASK.....9750/02

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INDIANA UNIVERSITY FOUNDATION
COMPUTATION IN LINGUISTICS A CASE BOOK INDIANA UNIVERSITY PRESS BLOOMINGTON 1966 FINAL REPORT 1966
OAR ACCESS NO.....018300-001
BY GARVIN P L — DDC NUMBER.....AD647800
SPOLSKY B — INSTR...AF-AFOSR-0574-66
PROJECT/TASK.....9769/05

AFOSR 67-0529
UNIVERSITY OF NEVADA
STUDY OF SEISMICITY MECHANICS OF FAULTING AND COASTAL STRUCTURE WITHIN THE BASIN AND RANGE AND ADJOINING PROVINCES WITH EMPHASIS ON SEISMIC INFORMATION PROVIDED BY
OAR ACCESS NO.....011471-006
BY RYALL A — DDC NUMBER.....AD647414
INSTR...AF-AFOSR-0040-66
PROJECT/TASK.....4810/00

AFOSR 67-0530
THE HEBREW UNIVERSITY
REACTIONS TO STRESS FINAL REPORT JAN 1967
OAR ACCESS NO.....018680-001
BY KUGELMASS S — DDC NUMBER.....AD647867
INSTR...AF-61(052)-00039
PROJECT/TASK.....9779/01

AFOSR 67-0531
UNIVERSITY OF LUND
MONOAMINERGIC MECHANISMS IN NERVOUS TISSUE FINAL REPORT JAN 1967
OAR ACCESS NO.....018341-014
BY DAHL E — DDC NUMBER.....AD647403
FALCK B — INSTR...AF-EOAR -0014-66
PROJECT/TASK.....9777/01

AFOSR 67-0532
UNIVERSITY OF TEXAS
FORMATION OF EXCITED MOLECULAR STATES IN THE POSITIVE COLUMN OF A HELIUM DISCHARGE
J CHEM PHYS V46 N2 PP681-689 15 JUL 66
OAR ACCESS NO.....005305-002
BY TETER M P — DDC NUMBER.....AD647863
ROBERTSON W W — INSTR...AF-AFOSR-0273-66
PROJECT/TASK.....9750/02

AFOSR 67-0533
UNIVERSITY OF WISCONSIN
SURFACE LATTICE DYNAMICS OF SILVER I LOW-ENERGY ELECTRON DEBYE-WALLER FACTOR
PHYS REV V151 N2 PP476-483 11 NOV 66
OAR ACCESS NO.....012801-001
BY JONES E K — DDC NUMBER.....AD647855
MCKINNEY J T — INSTR...AF-AFOSR-0051-66
WEBB M B — PROJECT/TASK.....9761/03

AFOSR 67-0534
FLORIDA STATE UNIVERSITY
USE OF A SUPER3 HE SUPER3 HE/A IN POLARIZATION STUDIES
PHYS LETTERS V23 N2 PP132-133 10 OCT 66
OAR ACCESS NO.....005114-010
BY THOMPSON W J — DDC NUMBER.....AD647861
INSTR...AF-AFLSR-0440-66
PROJECT/TASK.....9751/02

AFOSR 67-0535
UNIVERSITY OF MINNESOTA
MULTIPLE QUANTUM TRANSITIONS IN MAGNESIUM OXIDE
J PHYS CHEM V71 PP211-214 1967
OAR ACCESS NO.....005453-001
BY AVTINS P V — DDC NUMBER.....AD647992
WERTZ J E — INSTR...AF-AFOSR-0200-66
PROJECT/TASK.....9761/03

AFOSR 67-0536
FLORIDA STATE UNIVERSITY
THE CALCULATION OF PARAMETERS OF THE MOFFITT EQUATION FOR ROTATORY DISPERSION DATA
BIOPHYS J V6 N6 PP505-512 1966
OAR ACCESS NO.....010611-002
BY DE TAR D F — DDC NUMBER.....AD647630
INSTR...AF-AFOSR-0629-66
PROJECT/TASK.....9762/02

AFOSR 67-0537
FLORIDA STATE UNIVERSITY
AN OPTICALLY PURE SEQUENCE PEPTIDE POLY GLY GLY PHE
TETRAHEDRON LETTERS N48 PP5985-5989 1966
OAR ACCESS NO.....010610-002
BY DETAR D F — DDC NUMBER.....AD647632
ESTRIN N F — INSTR...AF-AFOSR-0279-62
PROJECT/TASK.....9762/02

AFOSR 67-0538
FLORIDA STATE UNIVERSITY
COMPUTER TECHNIQUES FOR MAKING BEERS LAW CALCULATIONS OF CONCENTRATIONS FROM SPECTRAL DATA
ANAL CHEM V38 N12 PP1794-1796 NOV 1966
OAR ACCESS NO.....010611-003
BY DETAR D F — DDC NUMBER.....AD647860
INSTR...AF-AFOSR-0629-66
PROJECT/TASK.....9762/02

AFOSR 67-0539
FLORIDA STATE UNIVERSITY
THE USE OF THE FIRST-ORDER RATE EQUATION IN TREATING KINETIC DATA
J PHYS CHEM V70 N2 PP495-500 FEB 1966
OAR ACCESS NO.....010611-004
BY DE TAR D F — DDC NUMBER.....AD647858
DAY V M — INSTR...AF-AFOSR-0629-66
PROJECT/TASK.....9762/02

AFOSR 67-0540
PENNSYLVANIA STATE UNIVERSITY
THE KINETICS OF CALCIUM OXALATE PYROLYSIS
J PHYS CHEM V71 N2 PP397-402 JAN 1967
OAR ACCESS NO.....017210-003
BY FREEMAN E S — DDC NUMBER.....AD647866
HARTMAN K O — INSTR...AF-AFOSR-0907-65
HISATSUNE I C — PROJECT/TASK.....9760/02
SCHEMPF J M

AFOSR 67-0541
PENNSYLVANIA STATE UNIVERSITY
THE KINETICS OF OXALATE ION PYROLYSIS IN A POTASSIUM BROMIDE MATRIX
J PHYS CHEM V.1 N2 PP392-396 JAN 1967
OAR ACCESS NO.....017210-004
BY HARTMAN K O — DDC NUMBER.....AD647867
HISATSUNE I C — INSTR...AF-AFOSR-0907-65
PROJECT/TASK.....9760/02

AFOSR 67-0542
UNIVERSITY OF NORTH CAROLINA
THIN-ELECTRODE THIN-LAYER ELECTROCHEMISTRY KINETICS OF SECOND-ORDER DISPROPORTIONATION OF URANIUM V BY DECAY OF
ANAL CHEM V38 N13 PP1881-1887 DEC 1966
OAR ACCESS NO.....019080-008
BY MCDUFFIE B — DDC NUMBER.....AD647495
REILLEY C N — INSTR...AF-AFOSR-0584-66
PROJECT/TASK.....9760/01

AFOSR 67-0543
MCMASTER UNIVERSITY
THE FLUOROSULFURIC ACID SOLVENT SYSTEM V IODINE TRIFLUOROSULFATE
INORG CHEM V5 N7 PP1236-1238 JUL 1966
OAR ACCESS NO.....009391-014
BY GILLESPIE R J — DDC NUMBER.....AD647877
MILNE J B — INSTR...AF-AFOSR-0516-66
PROJECT/TASK.....9710/01

AFOSR 67-0544
MCMASTER UNIVERSITY
THE FLUOROSULFURIC ACID SOLVENT SYSTEM IV THE SOLUTES WATER AND POTASSIUM NITRATE
INORG CHEM V5 N7 PP1233-1235 JUL 1966
OAR ACCESS NO.....009391-015
BY GILLESPIE R J — DDC NUMBER.....AD647878
MILNE J B — INSTR...AF-AFOSR-0516-66
SENIOR J B — PROJECT/TASK.....9710/01

AFOSR 67-0545
MCMASTER UNIVERSITY
THE FLUOROSULFURIC ACID SOLVENT SYSTEM II SOLUTIONS OF ANTIMONY TETRAFLUORIDE ANTIMONY PENTAFLUORIDE MONOFLUOROSULFATE AND ANTIMONY PENTAFLUORIDE--SULFUR
INORG CHEM V4 N11 PP1641-1649 NOV 1965
OAR ACCESS NO.....009391-016
BY THOMPSON R C — DDC NUMBER.....AD647880
GILLESPIE J — INSTR...AF-AFOSR-0516-66
BARR J — PROJECT/TASK.....9710/01
MILNE J B
ROTHENBURY R A

AFOSR 67-0546
MCMASTER UNIVERSITY
CATIONS AND OXY CATIONS OF IODINE III THE I AND LOWER OXIDATION STATES OF IODINE IN SULFURIC ACID
INORG CHEM V4 N4 PP563-566 1965
OAR ACCESS NO.....009391-017
BY GARRETT P A — DDC NUMBER.....AD647881
GILLESPIE R J — INSTR...AF-AFOSR-0516-66
SENIOR J B — PROJECT/TASK.....9710/01

AFOSR 67-0547
UNIVERSITY OF MINNESOTA
CEREBRAL INTEGRATION AND ITS ASSESMENT BY DRUGS
INTERN COLLEGE NEUROPSYCHOPHARMACOL V INTERN CONGR WASH DC 30 MAR 1966
OAR ACCESS NO.....018490-001
BY MARRAZZI A S — DDC NUMBER.....AD647796
MEISCH R A — INSTR...AF-AFOSR-0766-65
SCHIELE B C — PROJECT/TASK.....9777/01

AFOSR 67-0548
TEXAS A&M UNIVERSITY
PADE APPROXIMANTS AND BOUNDS ON THE BETHE-SALPETER AMPLITUDE
PHYS LETTERS V23 NA PP492-494 21 NOV 66
OAR ACCESS NO.....017450-008
BY NUTTALL J — DDC NUMBER.....AD647990
INSTR...AF-AFOSR-0918-65
PROJECT/TASK.....9751/02

AFOSR 67-0549
BOSTON UNIVERSITY
INHOMOGENIZATIONS OF SEMI-SIMPLE LIE ALGEBRAS
NUOVO CIMENTO SERIE V45 PP234-235 1 SEP 1966
OAR ACCESS NO.....011362-010
BY ROSEN J — DDC NUMBER.....AD647666
INSTR...AF-AFOSR-0385-65
PROJECT/TASK.....9751/01

AFOSR 67-0550
BOSTON UNIVERSITY
MUTUALLY RECIPROCAL CONTRACTION AND EXPANSION OF CERTAIN LIE ALGEBRAS
NUOVO CIMENTO SERIE V46 PP1-6 11 NOV 1966
OAR ACCESS NO.....011362-011
BY ROSEN J — DDC NUMBER.....AD647636
INSTR...AF-AFOSR-0385-65
PROJECT/TASK.....9751/01

AFOSR 67-0551
STANFORD UNIVERSITY
CONFORMATIONAL ENERGY ESTIMATES FOR STATISTICALLY FOILING POLYPEPTIDE CHAINS
J MOL BIOL V23 PP47-65 1967
OAR ACCESS NO.....010391-024
BY BRANT D A — DDC NUMBER.....AD647678
MILLER W G — INSTR...AF-49/638/01361
FLORY P J — PROJECT/TASK.....9760/03

AFOSR 67-0552
STANFORD UNIVERSITY
RANDOM COIL CONFIGURATIONS OF POLYPEPTIDE COPOLYMERS
J MOL BIOL V23 PP67-80 1967
OAR ACCESS NO.....010391-025
BY MILLER W G — DDC NUMBER.....AD647679
BRANT D A — INSTR...AF-49/638/01361
FLORY P J — PROJECT/TASK.....9760/03

AFOSR 67-0553
UNIVERSITY OF NORTH CAROLINA
DIAGNOSTIC CRITERIA FOR THE STUDY OF CHEMICAL AND PHYSICAL PROCESSES BY THIN-ELECTRODE THIN-LAYER ELECTROCHEMISTRY
J ELECTROANAL CHEM V12 PP477-494 1966
OAR ACCESS NO.....019080-009
BY ANDERSON L B — DDC NUMBER.....AD647633
MCDUFFIE B — INSTR...AF-AFOSR-0584-66
REILLEY C N — PROJECT/TASK.....9760/01

AFOSR 67-0555
NATIONAL BUREAU OF STANDARDS
STATISTICAL ASPECTS OF SECOND AND THIRD LAW HEATS
J RES NATL BUR STD A V70A N6 PP533-539 NOV-DEC 1966
OAR ACCESS NO.....500310-016
BY HORTON W S — DDC NUMBER.....AD649673
INSTR...ISSA -00008-65
PROJECT/TASK.....9713/03

AFOSR 67-0556
UNIVERSITY OF CALIFORNIA
DETERMINATION OF RELAXATION TIMES IN CYCLOTHON RESONANCE IN COPPER
PHYS REV V152 N2 PP675-682 9 DEC 66
OAR ACCESS NO.....005322-004
BY HAUSSLER P — DDC NUMBER.....AD647997
WELLES S J — INSTR...AF-AFOSR-0290-63
PROJECT/TASK.....9763/02

AFOSR 67-0557
UNIVERSITY OF PISA
MODULATION OF TRANSMISSION OF OPTIC NERVE IMPULSES IN THE ALERT CAT: EVIDENCE OF PRESYNAPTIC INHIBITION OF PRIMARY BRAIN RES V2 PP213-218 1966
OAR ACCESS NO.....010640-003
BY KAWAMURA H — DDC NUMBER.....AD647862
MANCHIAFAVA P L — INSTR...AF-61/052/00830
PROJECT/TASK.....9777/01

AFOSR 67-0558
INSTITUTO GEOGRAFICO Y CATASTRAL
THE METHOD OF CALCULATION TABLES OF AMPLECATION AND AMPLITUDE OF THE MOVEMENTS OF THE EARTH IN CUALQUIER SEISMOGRAPH GALITZIN /SPANISH/
OAR ACCESS NO.....015960-009
BY TEYAR J M — DDC NUMBER.....AD648776
INSTR...AF-61/052/00857
PROJECT/TASK.....8652/00

AFOSR 67-0559
INSTITUTO GEOGRAFICO Y CATASTRAL
THE REGION INTERGOVERNMENTAL OF SEISMOLOGY AND INGENIERIA SEISMIC OF THE UNESCO /SPANISH/
OAR ACCESS NO.....015960-010
BY MUNUERA J M — DDC NUMBER.....AD647952
INSTR...AF-61/052/00857
PROJECT/TASK.....8652/00

AFOSR 67-0560
INSTITUTO GEOGRAFICO Y CATASTRAL
THE ACTIVITY SEISMIC OF THE REGION OF THE PENINSULA IBERICA UP TO YEAR OF 1960 /SPANISH/
REV GEOFIS N25 PP265-286 JUL-SEP 1965
OAR ACCESS NO.....015960-011
BY MUNUERA J M — DDC NUMBER.....AD647069
INSTR...AF-61/052/00857
PROJECT/TASK.....8652/00

AFOSR 67-0561
SYRACUSE UNIVERSITY
POLYNOMIAL APPROXIMATION OF FUNCTIONS ANALYTIC IN A DISK
PROC AM MATH SOC V17 N6 PP1238-1243 DEC 66
OAR ACCESS NO.....001903-004
BY SCHEICK J T — DDC NUMBER.....AD647677
INSTR...AF-49/638/01401
PROJECT/TASK.....9763/01

AFOSR 67-0582
STANFORD UNIVERSITY
EXACT SUM RULE FOR NUCLEON MAGNETIC MOMENTS
PHYS REV LETTERS V16 NO PP908-911 16 MAY 1966
OAR ACCESS NO.....001793-080
BY ONELL S D — DDC NUMBER.....AD647700
MEAHN A C — INSTR...AF-49/638/01389
PROJECT/TASK.....9751/01

AFOSR 67-0583
STANFORD UNIVERSITY
EXTRAPOLATION OF THE AMPLITUDES OF NONLEPTONIC DECAYS OF K MESONS
PHYS REV LETTERS V17 N11 PP613-616 12 SEP 1966
OAR ACCESS NO.....001793-081
BY FUJII Y — DDC NUMBER.....AD647692
INSTR...AF-49/638/01389
PROJECT/TASK.....9751/01

AFOSR 67-0584
STANFORD UNIVERSITY
COVARIANT ANALYSIS OF QUARK COMMUTATORS AND ELECTROMAGNETIC COUPLINGS
PHYS LETTERS V23 N2 PP141-143 10 OCT 1966
OAR ACCESS NO.....001793-082
BY PATSAKOS G — DDC NUMBER.....AD647670
SEGRE G — INSTR...AF-49/638/01389
WALECKA J D — PROJECT/TASK.....9751/01

AFOSR 67-0585
STANFORD UNIVERSITY
DISPERSION RELATIONS AND HIGHER SYMMETRIES
ANN PHYS V39 N3 PP381-436 OCT 1966
OAR ACCESS NO.....001793-083
BY FUBINI S — DDC NUMBER.....AD647541
SEGRE G — INSTR...AF-49/638/01389
WALECKA J D — PROJECT/TASK.....9751/01

AFOSR 67-0586
UNIVERSITY OF HULL
INHIBITION OF THE HYDROGEN OXYGEN REACTION BY ETHYLENE
PART II DISCUSSION AND EVALUATION OF VELOCITY CONSTANTS
TRANS FARADAY SOC V62 N525 PT9 PP2486-2498 SEP 1966
OAR ACCESS NO.....001952-007
BY BALDWIN A R — DDC NUMBER.....AD647506
SIMMONS R F — INSTR...AF-EOAR -0031-63
WALKER R W — PROJECT/TASK.....9750/02

AFOSR 67-0588
UNIVERSITY OF CALIFORNIA
AZIMUTH AND SLOWNESS ANOMALIES OF SEISMIC WAVES MEASURED ON THE CENTRAL CALIFORNIA SEISMOGRAPHIC ARRAY PART II INTERPRETATION
BULL SEIS SOC AM V56 N3 PP655-675 JUN 66
OAR ACCESS NO.....013721-006
BY OTSUKA M — DDC NUMBER.....AD647684
INSTR...AF-49/638/01506
PROJECT/TASK.....8652/00

AFOSR 67-0589
UNIVERSITY OF MINNESOTA
VICINAL 1H-199HG COUPLING CONSTANTS
J ORGANOMETAL CHEM VA PP589-597 1966
OAR ACCESS NO.....004161-006
BY KREEVOY M M — DDC NUMBER.....AD647660
SCHAEFER J P — INSTR...AF-AFOSR-0016-63
PROJECT/TASK.....9763/01

AFOSR 67-0590
CALIFORNIA INSTITUTE OF TECHNOLOGY
THE PRESSURE-FLOW RELATIONSHIP IN LONG-WAVE PROPAGATION IN LARGE ARTERIES
BIOMECHANICS PP96-120 NOV 1966
OAR ACCESS NO.....001573-007
BY LEE J S — DDC NUMBER.....AD647682
INSTR...AF-49/638/01366
PROJECT/TASK.....9782/01

AFOSR 67-0591
UNIVERSITY OF CALIFORNIA
THE DIELECTRIC CONSTANT OF BLOCH ELECTRONS IN CROSSED ELECTRIC AND MAGNETIC FIELDS
NUOVO CIMENTO SER X V46 PP46-67 11 NOV 1966
OAR ACCESS NO.....009061-011
BY RAJAGOPAL A K — DDC NUMBER.....AD647637
INSTR...AF-AFOSR-0523-66
PROJECT/TASK.....9763/02

AFOSR 67-0592
ISTITUTO DI FISICAL TEORICA DELL UNIVERSITA
DIVERGENCE OF RENORMALIZED VS CONVERGENCE OF REGULARIZED PERTURBATIVE EXPANSIONS IN A FIELD-THEORETICAL MODEL
NUOVO CIMENTO SER X V47 PP285-305 21 MAR 67
OAR ACCESS NO.....006042-001
BY GUERRA F — DDC NUMBER.....AD647627
MARINARO M — INSTR...AF-61/052/00826
PROJECT/TASK.....9761/01

AFOSR 67-0593
ISTITUTO DI FISICA TEORICA DELL UNIVERSITA
REMOVAL OF POINT-LOOP AMBIGUITIES THROUGH FINITE-PART RENORMALIZATION
NUOVO CIMENTO SER X V47 PP306-318 21 MAR 67
OAR ACCESS NO.....006042-002
BY GUERRA F — DDC NUMBER.....AD647628
MARINARO M — INSTR...AF-61/052/00826
PROJECT/TASK.....9761/01

AFOSR 67-0594
TEXAS CHRISTIAN UNIVERSITY
NUCLEAR MAGNETIC RESONANCE STUDIES OF POINT DEFECTS IN BARIUM FLUORIDE CRYSTALS
PHYS LETTERS V23 N9 PP535-536 NOV 66
OAR ACCESS NO.....018681-001
BY MILLER J R — DDC NUMBER.....AD647703
MAHENDROO P P — INSTR...AF-AFOSR-0604-66
PROJECT/TASK.....9763/02

AFOSR 67-0595
ISTITUTO DI FISICA TEORICA DELL UNIVERSITA
HADAMARDS CLASS OF GREENS FUNCTIONS IN REGULARIZED 9 PLUS 4 THEORY
NUOVO CIMENTO SER X V39 PP401-404 1 SEP 1965
OAR ACCESS NO.....006042-003
BY MARINARO M — DDC NUMBER.....AD647550
INSTR...AF-61/052/00826
PROJECT/TASK.....9761/01

AFOSR 67-0596
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
EXCHANGE COUPLING AND CONDUCTION-ELECTRON POLARIZATION IN METALS
PHYS REV V152 N2 PP566-578 9 DEC 66
OAR ACCESS NO.....007911-099
BY WATSON R E — DDC NUMBER.....AD647696
FREEMAN A J — INSTR...AF-49/638/01488
PROJECT/TASK.....9764/01

AFOSR 67-0597
ISTITUTO DI FISICA TEORICA DELL UNIVERSITA
STABILITY CONDITIONS FOR A BOSON SYSTEM INTERACTING WITH A PARTLY REPULSIVE AND PARTLY ATTRACTIVE POTENTIAL
NUOVO CIMENTO SER X V40 PP184-196 11 NOV 65
OAR ACCESS NO.....006042-004
BY CONIGLIO A — DDC NUMBER.....AD647629
MARINARO M — INSTR...AF-61/052/00826
MATUNI M — PROJECT/TASK.....9761/01

AFOSR 67-0598
MELLON INSTITUTE
ORGANOMETALLIC CHEMISTRY OF THE TRANSITION METALS XV NEW OLEFINIC AND ACETYLENIC DERIVATIVES OF TUNGSTEN
INORG CHEM V5 N11 PP1837-1846 NOV 1966
OAR ACCESS NO.....019061-002
BY KING R B — DDC NUMBER.....AD647673
FRONZAGLIA A — INSTR...AF-AFOSR-0580-66
PROJECT/TASK.....9710/02

AFOSR 67-0599
MELLON INSTITUTE
ORGANOMETALLIC CHEMISTRY OF THE TRANSITION METALS XVI POLYNUCLEAR CYCLOPENTADIENYLMETAL CARBONYLS OF IRON AND COBALT
INORG CHEM V5 N12 PP2227-2230 NOV 1966
OAR ACCESS NO.....019061-003
BY KING R B — DDC NUMBER.....AD647674
INSTR...AF-AFOSR-0580-66
PROJECT/TASK.....9710/02

AFOSR 67-0600
MELLON INSTITUTE
ORGANOMETALLIC CHEMISTRY OF THE TRANSITION METALS XVII CYCLOPENTADIENYLVANADIUM DIACETATE
INORG CHEM V5 PP2231-2232 1966
OAR ACCESS NO.....019061-004
BY KING R B — DDC NUMBER.....AD647720
INSTR...AF-AFOSR-0580-66
PROJECT/TASK.....9710/02

AFOSR 67-0601
MELLON INSTITUTE
THE DIFFERENTIATION BETWEEN UNIDENTATE AND BIDENTATE LIGANDS WHICH DONATE THREE ELECTRONS TO A METAL ATOM
INORG CHEM V5 N12 PP2242-2243 DEC 1966
OAR ACCESS NO.....019061-005
BY KING R B — DDC NUMBER.....AD647675
INSTR...AF-AFOSR-0580-66
PROJECT/TASK.....9710/02

AFOSR 67-0602
MELLON INSTITUTE
REACTIONS OF ALKALI METAL DERIVATIVES OF METAL CARBONYLS VIII PREPARATION PROTONATION AND ALKYLATION OF SODIUM CYANOPENTACARBONYLMETALATES
INORG CHEM V6 N1 PP25-29 JAN 1967
OAR ACCESS NO.....019061-012
BY KING R B — DDC NUMBER.....AD647521
INSTR...AF-AFOSR-0580-66
PROJECT/TASK.....9710/02

AFOSR 67-0603
MELLON INSTITUTE
ORGANOMETALLIC CHEMISTRY OF THE TRANSITION METALS XVIII SOME NEW CYCLOPENTADIENYLMETAL NITROSYL DERIVATIVES OF MANGANESE AND MOLYBDENUM
INORG CHEM V6 N1 PP30-34 JANUARY 1967
OAR ACCESS NO.....019061-006
BY KING R B — DDC NUMBER.....AD647522
INSTR...AF-AFOSR-0580-66
PROJECT/TASK.....9710/02

AFOSR 67-0604
MELLON INSTITUTE
THE NATURE OF THE PRODUCT FROM THE REACTION BETWEEN OCTACARBONYLDICOBALT AND HIS /TRIFLUOROMETHYL/ DITHIETEN
CHEM COMMUN PP771-772 1966
OAR ACCESS NO.....019061-007
BY KING R B — DDC NUMBER.....AD647523
KORENOWSKI T T — INSTR...AF-AFOSR-0580-66
PROJECT/TASK.....9710/02

AFOSR 67-0605
STANFORD UNIVERSITY
A STUDY OF THE STRUCTURE OF THE TURBULENT BOUNDARY LAYER WITH AND WITHOUT LONGITUDINAL PRESSURE GRADIENTS
MD-12 MARCH 1965
OAR ACCESS NO.....001462-005
BY SCHRAUB F A — DDC NUMBER.....AD646989
KLINE S J — INSTR...AF-49(638)-1278
PROJECT/TASK.....9781/02

AFOSR 67-0606
NORTHWESTERN UNIVERSITY
NONSTATISTICAL ENERGY-TRANSFER THEORY
J CHEM PHYS V45 N10 PP3706-3711 15 NOV 1966
OAR ACCESS NO.....019790-001
BY SEPAUSKAS R V — DDC NUMBER.....AD647704
SCHLAG E W — INSTR...AF-AFOSR-1155-66
PROJECT/TASK.....9760/02

AFOSR 67-0607
THE UNIVERSITY OF TEXAS
TUNNELING BETWEEN A METAL AND SILICON SEPARATED BY A POLYMER INSULATOR
JSEP TECHNICAL REPORT NO 25 SEPT 1966
OAR ACCESS NO.....015241-025
BY WILMSEN C W — DDC NUMBER.....AD807361
MARTWIG W H — INSTR...AF-AFOSR-0780-66
PROJECT/TASK.....4751/00

AFOSR 67-0608
FLORIDA STATE UNIVERSITY
RESEARCH IN EXPERIMENTAL AND THEORETICAL LOW-ENERGY NUCLEAR PHYSICS FINAL REPORT JAN 1967
OAR ACCESS NO.....005114-011
BY DAVIS R H — DDC NUMBER.....AD647902
METDENBURG N P — INSTR...AF-AFOSR-0440-66
PROJECT/TASK.....9751/02

AFOSR 67-0609
UNIVERSITY COLLEGE
CERENKOV LIGHT FROM EXTENSIVE AIR SHOWERS FINAL REPORT DEC 1966
OAR ACCESS NO.....013500-005
BY PORTER N A — DDC NUMBER.....AD647890
INSTR...AF-EOAR -0040-63
PROJECT/TASK.....9751/04

AFOSR 67-0610
WEIZMANN INSTITUTE OF SCIENCE
NATURE OF IMMUNE TOLERANCE BY MEANS OF SYNTHETIC POLYPEPTIDE ANTIGENS FINAL REPORT DEC 1966
OAR ACCESS NO.....018321-001
BY SELA M — DDC NUMBER.....AD647818
INSTR...AF-EOAR -0017-66
PROJECT/TASK.....9777/01

AFOSR 67-0611
MOBIL OIL CORPORATION
PLASMA DENSITY MEASUREMENTS WITH ENERGETIC BEAMS FINAL REPORT JAN 1967
OAR ACCESS NO.....016260-003
BY HICKOK R L — DDC NUMBER.....AD647835
JONES F C — INSTR...AF-49(638)-1500
MARSHALL J F — PROJECT/TASK.....9752/01
DUNCAN S L

AFOSR 67-0612
TECHNION - ISRAEL INSTITUTE OF TECHNOLOGY
QUANTITATIVE HIGH TEMPERATURE INFRARED SPECTROSCOPY FINAL REPORT OCT 1966
OAR ACCESS NO.....010742-005
BY OPPENHEIM U P — DDC NUMBER.....AD648666
INSTR...AF-EOAR -0084-65
PROJECT/TASK.....9780/01

AFOSR 67-0613
AMERICAN INSTITUTE OF PHYSICS
A REPORT ON JOINT AMERICAN PHYSICAL SOCIETY AND JAPANESE PHYSICAL SOCIETY MEETING ON FLUID DYNAMICS HONOLULU HAWAII 2-4 SEP 1965 FINAL REPORT DEC 1966
OAR ACCESS NO.....018180-001
BY FOWLER R G — DDC NUMBER.....AD808576
INSTR...AF-49(638)-01563
PROJECT/TASK.....9781/01

AFOSR 67-0614
HUGHES RESEARCH LABORATORIES
ACID-BASE CHARACTERISTICS OF PHOTOCHROMISM
SEPTEMBER 1966
OAR ACCESS NO.....014220-003
BY MARGERUM J D — DDC NUMBER.....AD647914
INSTR...AF-49(638)-01264
PROJECT/TASK.....9762/03

AFOSR 67-0615
VON KARMAN INSTITUTE FOR FLUID DYNAMICS
LAMINAR SEPARATION IN SUPERSONIC AND HYPERSONIC FLOWS
FINAL REPORT SEPT 1966
OAR ACCESS NO.....001106-001
BY GINOUX J J — DDC NUMBER.....AD647819
INSTR...AF-EOAR -0006-66
PROJECT/TASK.....9781/02

AFOSR 67-0620
HUGHES AIRCRAFT COMPANY
NOTES TOWARDS AN AXIOMATIZATION OF INTUITIONISTIC ANALYSIS
NOV 1966
OAR ACCESS NO.....021320-001
BY MYHILL J — DDC NUMBER.....AD647899
INSTR...AF-49(638)-01643
PROJECT/TASK.....9769/06

AFOSR 67-0621
HUGHES AIRCRAFT COMPANY
COMBINATORIAL DOCUMENT STORAGE AND RETRIEVAL
NOV 1966
OAR ACCESS NO.....021320-002
BY CASH G E — DDC NUMBER.....AD647900
INSTR...AF-49(638)-01643
PROJECT/TASK.....9769/06

AFOSR 67-0622
HUGHES AIRCRAFT COMPANY
FORMAL SYSTEMS OF INTUITIONISTIC ANALYSIS I
NOV 1966
OAR ACCESS NO.....021320-003
BY MYHILL J — DDC NUMBER.....AD647901
INSTR...AF-49(638)-01643
PROJECT/TASK.....9760/06

AFOSR 67-0623
CALIFORNIA INSTITUTE OF TECHNOLOGY
THE VARIABILITY OF RHO PUPPIS
ASTROPHYS J V146 N3 PP743-747 DEC 1966
OAR ACCESS NO.....030581-014
BY DANZIGER I J — DDC NUMBER.....AD648526
KUHI L V — INSTR...AF-49(638)-01323
PROJECT/TASK.....9778/01

AFOSR 67-0624
CALIFORNIA INSTITUTE OF TECHNOLOGY
LITHIUM OBSERVATIONS IN THE PLEIADES AND IN F STARS IN THE FIELD
ASTROPHYS J V146 N2 PP392-398 NOV 66
OAR ACCESS NO.....000581-015
BY DANZIGER I J — DDC NUMBER.....AD648524
CONTI P S — INSTR...AF-49(638)-01323
PROJECT/TASK.....9778/01

AFOSR 67-0625
CALIFORNIA INSTITUTE OF TECHNOLOGY
THE WEAKNESS OF HELIUM LINES IN GLOBULAR CLUSTER AND HALO U STARS
ASTROPHYS J V146 N2 PP617-620 NOV 1966
OAR ACCESS NO.....000581-016
BY GREENSTEIN J L — DDC NUMBER.....AD648523
MUNCH G — INSTR...AF-49(638)-01323
PROJECT/TASK.....9778/01

AFOSR 67-0626
UNIVERSITY OF CALIFORNIA
SUPERCONDUCTIVITY AND THE D-SHELL
SCIENCE V155 N3790 PP1491-1493 13 JAN 1967
OAR ACCESS NO.....018830-067
BY ENGELHARDT J J
WEBB G W
MATTHIAS B T
DDC NUMBER.....AD648210
INSTR...AF-AFOSR-0631-66
PROJECT/TASK.....9763/02

AFOSR 67-0627
CALIFORNIA INSTITUTE OF TECHNOLOGY
INTERACTION OF MECHANICAL AND AEROPLASTIC INSTABILITIES OF A CIRCULAR CYLINDRICAL SHELL
DYNAMIC STABILITY OF STRUCTURES PROC INTERN CONF EVANSTON ILLINOIS PP267-284 18-20 OCT 1965
OAR ACCESS NO.....001373-008
BY FUNG Y C
DDC NUMBER.....AD648518
INSTR...AF-49(638)-01384
PROJECT/TASK.....9782/01

AFOSR 67-0628
CALIFORNIA INSTITUTE OF TECHNOLOGY
MICROSCOPIC BLOOD VESSELS IN THE MESENTERY
BIOMECHANICS PP151-166 NOV 1966
OAR ACCESS NO.....001373-009
BY FUNG Y C
DDC NUMBER.....AD648513
INSTR...AF-49(638)-01384
PROJECT/TASK.....9782/01

AFOSR 67-0629
AMERICAN MATHEMATICAL SOCIETY
SPACE MATHEMATICS PART 2
LECTURES IN APPLIED MATHEMATICS V6 1966
OAR ACCESS NO.....013080-002
BY ROSSER J B
INSTR...AF-AFOSR-0258-63
PROJECT/TASK.....9769/01

AFOSR 67-0630
AMERICAN MATHEMATICAL SOCIETY
SPACE MATHEMATICS PART 1
LECTURES IN APPLIED MATHEMATICS V5 1966
OAR ACCESS NO.....013080-003
BY ROSSER J B
DDC NUMBER.....AD647911
INSTR...AF-AFOSR-0258-63
PROJECT/TASK.....9769/01

AFOSR 67-0631
AMERICAN MATHEMATICAL SOCIETY
SPACE MATHEMATICS PART 3
LECTURES IN APPLIED MATHEMATICS V7 1966
OAR ACCESS NO.....013080-004
BY ROSSER J B
DDC NUMBER.....AD647909
INSTR...AF-AFOSR-0258-63
PROJECT/TASK.....9769/01

AFOSR 67-0632
UNIVERSITY OF CALIFORNIA
PRINCIPLES OF COHERENT COMMUNICATION
MCGRAW-HILL BOOK COMPANY NEW YORK 1966
OAR ACCESS NO.....015050-005
BY VITERBI A J
DDC NUMBER.....AD647912
INSTR...AF-AFOSR-0700-65
PROJECT/TASK.....9749/01

AFOSR 67-0633
STANFORD UNIVERSITY
LINEAR MULTIPORT SYNTHESIS
MCGRAW-HILL BOOK COMPANY NEW YORK 1966
OAR ACCESS NO.....011061-017
BY NEWCOMB R W
INSTR...AF-AFOSR-0337-63
PROJECT/TASK.....9769/01

AFOSR 67-0634
UNIVERSITY OF SYDNEY
THE STELLAR INTERFEROMETER AT NARRABRI AUSTRALIA
PHILIPS TECH REV V27 N6 PP161-159 1966
OAR ACCESS NO.....013800-005
BY BROWN R H
BROWNE A
DDC NUMBER.....AD648256
INSTR...AF-AFOSR-0302-63
PROJECT/TASK.....9778/01

AFOSR 67-0635
YALE UNIVERSITY
REGULARIZING TRANSFORMATIONS OF THE JACOBIAN INTEGRAL
ASTRON J V71 N9 PP836-850 NOV 66
OAR ACCESS NO.....011493-007
BY SZEBEHELY V
PIERCE D A
DDC NUMBER.....AD647261
INSTR...AF-AFOSR-0397-65
PROJECT/TASK.....9769/01

AFOSR 67-0636
UNIVERSITY OF SOUTHERN CALIFORNIA
LOCALIZED VIBRATIONAL MODE ABSORPTION OF PHOSPHORUS IN GALLIUM ARSENIDE
J PHYS CHEM SOLIDS V28 PP 33-40 AUG 1966
OAR ACCESS NO.....016492-008
BY SPITZER W G
DDC NUMBER.....AD648655
INSTR...AF-AFOSR-0496-66
PROJECT/TASK.....4751/00

AFOSR 67-0637
UNIVERSITY OF TEXAS
THE PHOTOCHEMISTRY OF KETENE THE METHYLENE RADICAL
J AM CHEM SOC V87 PP2297-2298 1965
OAR ACCESS NO.....015290-004
BY HO S Y
UNGER I
NOYES W A JR
DDC NUMBER.....AD648865
INSTR...AF-AFOSR-0778-65
PROJECT/TASK.....9760/02

AFOSR 67-0641
NORTH AMERICAN AVIATION INC
THE LONE-PAIR MODEL AND THE VIBRATIONAL FORCE CONSTANTS OF NITROGEN TRIFLUORIDE
PHYS CHEM V70 N10 PP3330-3336 1966
OAR ACCESS NO.....010280-005
BY CURTIS F C
MUIRHEAD J S
DDC NUMBER.....AD648566
INSTR...AF-49(638)-01135
PROJECT/TASK.....9750/02

AFOSR 67-0642
UNIVERSITY OF CALIFORNIA
REARRANGEMENT COLLISIONS II ELECTRON EXCITATION OF HE /2SUPER3P/
PHYS REV VIS1 N1 PP7-11 4 NOV 66
OAR ACCESS NO.....004612-017
BY JOACHAIN C J
MITTLEMAN M H
DDC NUMBER.....AD648179
INSTR...AF-AFOSR-0130-63
PROJECT/TASK.....9767/01

AFOSR 67-0643
CALIFORNIA INSTITUTE OF TECHNOLOGY
THE COMPARISON BETWEEN OBSERVATION AND PREDICTION IN NUCLEOSYNTHESIS
INTERN ASTRON UNION SYMP N26 UTRECHT NETHERLANDS SUMMER 1964 PP348-357 1966
OAR ACCESS NO.....000581-017
BY GREENSTEIN J L
DDC NUMBER.....AD648522
INSTR...AF-49(638)-01323
PROJECT/TASK.....9774/01

AFOSR 67-0644
UNIVERSITY OF CHICAGO
THEORETICAL STUDIES OF TRANSANNULAR INTERACTIONS IV THE ELECTRONIC STATES OF THE PARACYCLOPHANE ANION
J CHEM PHYS V45 N12 PP4639-4642 15 DEC 1966
OAR ACCESS NO.....015061-001
BY MELLIER I H
RICE S A
DDC NUMBER.....AD648221
INSTR...AF-AFOSR-0781-67
PROJECT/TASK.....9760/01

AFOSR 67-0645
UNIVERSITY OF ROCHESTER
SOME RECENT RESEARCH ON COHERENCE AND FLUCTUATIONS OF LIGHT
OPT ACTA V13 N4 PP281-298 1966
OAR ACCESS NO.....004623-008
BY WOLF E
DDC NUMBER.....AD647652
INSTR...AF-AFOSR-0237-65
PROJECT/TASK.....9767/02

AFOSR 67-0646
UNIVERSITY OF CALIFORNIA
CORRELATION EFFECTS IN ATOMS I HELIUM
PHYS REV V146 N1 PP1-8 3 JUN 66
OAR ACCESS NO.....004612-018
BY BYRON F W JR
JOACHAIN C J
DDC NUMBER.....AD648209
INSTR...AF-AFOSR-0130-63
PROJECT/TASK.....9767/01

AFOSR 67-0647
UNIVERSITY OF VIENNA
MOSSBAUER EFFECT OF W 183 IN DIFFERENT TUNGSTEN COMPOUNDS
ACTA PHYS AUSTRIACA V23 PP47-50 1966
OAR ACCESS NO.....016310-004
BY DROSG M
UJLAKI C
DDC NUMBER.....AD648571
INSTR...AF-61(052)-00845
PROJECT/TASK.....9767/01

AFOSR 67-0649
INSTITUTO NACIONAL DE TECNICA AEROESPACIAL
THE INTERNAL STRUCTURE OF HYDROGEN-AIR DIFFUSION FLAMES
ASTRONAUT ACTA V12 N. PP284-293 1966
OAR ACCESS NO.....013592-002
BY DA-RIVA I
DDC NUMBER.....AD648681
INSTR...AF-EOAR -0069-65
PROJECT/TASK.....9711/01

AFOSR 67-0650
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
MATRIX-LIMITED FATIGUE PROPERTIES IN FIBRE COMPOSITE MATERIALS
J MATER SCI V1 PP383-390 1966
OAR ACCESS NO.....006021-003
BY COURTNEY T H
WULFF J
DOC NUMBER.....AD648602
INSTR...AF-49(638)-1451
PROJECT/TASK.....9782/02

AFOSR 67-0651
THE ELECTROCHEMICAL SOCIETY INC
ELECTRODE PROCESSES TRANSACTIONS OF THE 1966 SYMPOSIUM CLEVELAND OHIO 1-6 MAY 1966 FINAL REPORT MAY 1966
OAR ACCESS NO.....021400-002
BY YEAGER E
HOFFMANN M
EISENMANN E
DOC NUMBER.....AD647497
INSTR...AF-49(638)-1647
PROJECT/TASK.....9760/02

AFOSR 67-0652
TECHNISCHE HOCHSCHULE IN WIEN
PLANE WAVE PROPOGATION IN THE HALF SPACE WITH RANDOM EXCITATION AND COUPLING BETWEEN STRESS AND TEMPERATURE FIELD /GERMAN/
ACTA MECHANICA V2 N3 PP307-327 DEC 66
OAR ACCESS NO.....003561-005
BY ZIEGLER F
DOC NUMBER.....AD648570
INSTR...AF-61(052)-00645
PROJECT/TASK.....9749/01

AFOSR 67-0653
UNIVERSITY OF SOUTHERN CALIFORNIA
DIFFERENTIAL EQUATIONS - STABILITY OF A CLASS OF LINEAR STOCHASTIC SYSTEMS /FRENCH/
COMPT RCND ACAD SCI PARIS SER A V263 PP867-869 3 OCT 1966
OAR ACCESS NO.....019780-004
BY WANG P K C
DOC NUMBER.....AD648682
INSTR...AF-AFOSR-1029-66
PROJECT/TASK.....9749/01

AFOSR 67-0654
STANFORD UNIVERSITY
EFFICIENT MICROWAVE SHEAR-WAVE GENERATION BY MODE CONVERSION
J APPL PHYS LETTERS V9 N10 PP372-374 NOV 1966
OAR ACCESS NO.....004663-004
BY LEAN E G H
SHAW H J
DOC NUMBER.....AD648549
INSTR...AF-49(638)-1429
PROJECT/TASK.....9768/00

AFOSR 67-0655
UNIVERSITY OF KENTUCKY RSCH FOUNDATION
SHOCK WAVES PRODUCED BY SMALL STRESS INCREMENTS IN ANNEALED ALUMINUM
J APPL MECH PP907-910 DECEMBER 1966
OAR ACCESS NO.....008773-006
BY KENIG R J
DILLON O W JR
DOC NUMBER.....AD648545
INSTR...AF-49(638)-1306
PROJECT/TASK.....9782/01

AFOSR 67-0656
UNIVERSITY OF CALIFORNIA
SUPERSONIC FLOW SEPARATION ON A BACKWARD FACING STEP
OAR ACCESS NO.....010834-001
BY SPEIR A
DOC NUMBER.....AD647958
INSTR...AF-AFOSR-0268-66
PROJECT/TASK.....9782/02

AFOSR 67-0657
GIANNINI CONTROLS CORPORATION
THE MOMENTUM EQUATION OF A SOLID-FLUID SYSTEM
OAR ACCESS NO.....013561-005
BY MARTINEZ E
DOC NUMBER.....AD650399
INSTR...AF-49(638)-1459
PROJECT/TASK.....9761/01

AFOSR 67-0658
UNIVERSITY OF CALIFORNIA
HELIUM STARS OF SMALL MASS
ASTROPHYS J V146 N3 PP865-857 DEC 66
OAR ACCESS NO.....004553-001
BY L ECUYER J
DOC NUMBER.....AD648895
INSTR...AF-AFOSR-0171-65
PROJECT/TASK.....9774/01

AFOSR 67-0659
UNIVERSITY COLLEGE OF NORTH WALES
MICROWAVE ROTATION SPECTRA OF ETHYL ACETYLENE AND ETHYL ISOCYANIDE
NATURE V212 N5067 PP1229-1230 10 DEC 66
OAR ACCESS NO.....016950-001
BY HOLTON K
CURNUCK P A
OWEN N L
SHERIDAN J
DOC NUMBER.....AD648641
INSTR...AF-ECAR-3000-65
PROJECT/TASK.....9767/01

AFOSR 67-0660
UNIVERSITY OF WINDSOR
LIFETIMES OF RESONANCE STATES IN ALKALI ATOMS
ROCHESTER CONF COMERENCE QUANTUM OPTICS 2ND NY PP104-106 22-24 JUN 1966
OAR ACCESS NO.....011112-007
BY NIBBLE M P
KRAUSE L
DOC NUMBER.....AD648917
INSTR...AF-AFOSR-0361-65
PROJECT/TASK.....9767/02

AFOSR 67-0661
UNIVERSITY OF CALIFORNIA
SUMMARY OF PUBLISHED MEASUREMENTS FROM THE ATOMIC BEAM GROUP AT THE UNIVERSITY OF CALIFORNIA FROM APRIL 1962 TO MAY 1966
BROOKHAVEN CONF MOL BEAMS ATOMIC RESONANCE 7TH UPPSALA SWEDEN 22 JUN-2 JUL 1966
OAR ACCESS NO.....004481-006
BY SHUGART H A
DOC NUMBER.....AD653681
INSTR...AF-AFOSR-0346-62
PROJECT/TASK.....9767/02

AFOSR 67-0662
GLASGOW UNIVERSITY
THE CONFORMATION OF A CYCLOHEPTENE
TETRAHEDRON V23 PP279-282 1967
OAR ACCESS NO.....012020-003
BY BUCHANAN G L
MCCRAE J M
DOC NUMBER.....AD648902
INSTR...AF-EOAR -0036-63
PROJECT/TASK.....9782/02

AFOSR 67-0663
UNIVERSITY OF MASSACHUSETTS
RATES OF EXCHANGE OF SOLVENT MOLECULES WITH PARAMAGNETIC IONS FINAL REPORT FEB 1967
OAR ACCESS NO.....013610-002
BY STENGLE T R
LANGFORD C H
DOC NUMBER.....AD647953
INSTR...AF-AFOSR-0212-63
PROJECT/TASK.....9780/02

AFOSR 67-0664
UNIVERSITY OF WASHINGTON
CRYOGENIC PHYSICS RESEARCH FINAL REPORT FEB 1967
OAR ACCESS NO.....011091-002
BY DASH J G
DOC NUMBER.....AD806572
INSTR...AF-AFOSR-0923-65
PROJECT/TASK.....9767/01

AFOSR 67-0665
UNIVERSITY OF TORONTO
CHEMICAL REACTIONS IN ELECTRICAL DISCHARGES III THE POSITIVE COLUMN IN D-C GLOW DISCHARGES THROUGH OXYGEN
CAN J CHEM V44 PP2995-3007 1966
OAR ACCESS NO.....011933-002
BY HUNDLE H W
GILLESPIE K A
YEALLAND R W
SOVA R
DECKERS J M
DOC NUMBER.....AD648183
INSTR...AF-AFOSR-0375-65
PROJECT/TASK.....9750/02

AFOSR 67-0666
UNIVERSITY OF SOUTHERN CALIFORNIA
GENERAL SURVEY OF DESIGN AUTOMATION OF DIGITAL COMPUTERS
PROC IEEE V54 N12 PP1708-1721 DEC 1966
OAR ACCESS NO.....018492-009
BY BREUER M A
DOC NUMBER.....AD648915
INSTR...AF-AFOSR-0496-66
PROJECT/TASK.....4751/00

AFOSR 67-0667
POLYTECHNIC INSTITUTE OF BROOKLYN
LOGIC FUNCTIONS AND SEQUENTIAL MACHINES
PIBMRI 1344-66 JUNE 1967
OAR ACCESS NO.....001685-041
BY TISON P
DOC NUMBER.....AD652499
INSTR...AF-49(638)-01402
PROJECT/TASK.....4751/00

AFOSR 67-0669
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
TRANSFORMATIONS OF FOURIER COEFFICIENTS
PACIFIC J MATH V19 N2 PP367-395 1966
OAR ACCESS NO.....000451-014
BY RIDER D
DOC NUMBER.....AD648653
INSTR...AF-AFOSR-0335-63
PROJECT/TASK.....9749/02

AFOSR 67-0671
UNIVERSITY OF TORONTO
CHEMICAL REACTIONS IN ELECTRICAL DISCHARGES II THE STRUCTURE OF THE POSITIVE COLUMN IN D-C GLOW DISCHARGES THROUGH FAST-FLOWING GASES
CAN J CHEM V44 PP2981-2993 1966
OAR ACCESS NO.....011933-003
BY PEETERS J L
HUNDLE H W
DECKERS J M
DOC NUMBER.....AD648684
INSTR...AF-AFOSR-0375-65
PROJECT/TASK.....9750/02

AFOSR 67-0672
TEXAS A&M UNIVERSITY
FEW NUCLEON PROBLEM THE NEUTRON PLUS HELIUM 4 PROCESS INCLUDING COUPLING TO THE D PLUS T PROCESS IN THE 20 MINUS MEV REGION
PROC INTERN SYMP POLARIZATION PHENOMENA NUCLEONS KARLSRUHE GERMANY PP178-190 6-10 SEP 1965
OAR ACCESS NO.....017480-007
BY DEPACIO R — DDC NUMBER.....AD648663
GAMMEL J L — INSTR...AF-AFOSR-0918-65
PROJECT/TASK.....9751/02

AFOSR 67-0673
BOSTON UNIVERSITY
SOME OBSERVATIONS ON ENVELOPING ALGEBRAS OF NONCOMPACT GROUPS
J MATH PHYS V7 N11 PP2072-2078 NOV 1966
OAR ACCESS NO.....011362-012
BY ROSEN J — DDC NUMBER.....AD648220
NOMAN P — INSTR...AF-AFOSR-0389-65
PROJECT/TASK.....9751/01

AFOSR 67-0674
HARVARD UNIVERSITY
POWER AND PROGRESS IN REVOLUTIONIZING CHINA
J ASIAN AFRICAN STUDIES V1 N2 PP118-126 APR 1966
OAR ACCESS NO.....019140-003
BY FREEDMAN E — DDC NUMBER.....AD648530
INSTR...AF-49/638/01399
PROJECT/TASK.....9748/00

AFOSR 67-0675
CALIFORNIA INSTITUTE OF TECHNOLOGY
THE FIELD FROM AN SH POINT SOURCE IN A CONTINUOUSLY LAYERED INHOMOGENEOUS HALF-SPACE II THE FIELD IN A HALF-SPACE
BULL SEIS SOC AM V56 N6 PP1305-1315 DEC 66
OAR ACCESS NO.....012342-027
BY VLAAR N J — DDC NUMBER.....AD648520
INSTR...AF-49/638/01337
PROJECT/TASK.....8652/00

AFOSR 67-0676
CALIFORNIA INSTITUTE OF TECHNOLOGY
A MOBILE SEISMOGRAPH ARRAY
BULL SEIS SOC AM V56 N4 PP889-897 AUG 66
OAR ACCESS NO.....012342-026
BY LEHNER F E — DDC NUMBER.....AD648797
PRESS F — INSTR...AF-49/638/01337
PROJECT/TASK.....8652/00

AFOSR 67-0677
INNSBRUCK UNIVERSITY
ON NUMERICAL RESULTS OF A ONE-DIMENSIONAL UNSTEADY VARIATIONAL METHOD IN MGD
30 DECEMBER 1966
OAR ACCESS NO.....013250-035
BY HERANEGGER F — DDC NUMBER.....AD647885
INSTR...AF-61/052/00675
PROJECT/TASK.....9752/01

AFOSR 67-0678
VICTORIA UNIVERSITY OF MANCHESTER
INHIBITION OF THE THERMAL REACTION BETWEEN HYDROGEN AND OXYGEN FINAL REPORT DEC 1966
OAR ACCESS NO.....010981-001
BY CLARK D R — DDC NUMBER.....AD647886
SIMMONS R F — INSTR...AF-EOAR -0015-65
PROJECT/TASK.....9750/02

AFOSR 67-0679
HOUSTON STATE PSYCHIATRIC INSTITUTE
PSYCHOPHYSIOLOGICAL CORRELATES OF HUMAN INFORMATION PROCESSING UNDER ALTERED STATES OF CONSCIOUSNESS FINAL REPORT JUNE 1966
OAR ACCESS NO.....019651-001
BY ROESSLER R — DDC NUMBER.....AD660128
BURCH N R — INSTR...AF-AFOSR-0951-65
PROJECT/TASK.....9778/01

AFOSR 67-0680
PRINCETON UNIVERSITY
THE ABSOLUTE CONFIGURATION OF METHYL ALLYL SULFOXIDE STEREOCHEMISTRY OF THE GRIGNARD SYNTHESIS OF OPTICALLY ACTIVE SULFOXIDES
J AM CHEM SOC V89 PP697-698 1967
OAR ACCESS NO.....022000-001
BY BICKART P — INSTR...AF-AFOSR-1188-67
AKELROD M — PROJECT/TASK.....9762/01
JACOBUS J
MISLOW K

AFOSR 67-0681
UNIVERSITY OF NORTH CAROLINA
ASYMPTOTICALLY OPTIMAL TESTS FOR MULTINOMIAL DISTRIBUTIONS
ANN MATH STATIST V36 N2 PP369-401 APR 65
OAR ACCESS NO.....015670-002
BY HOEFFDING W — DDC NUMBER.....AD648674
INSTR...AF-AFOSR-0760-65
PROJECT/TASK.....9749/02

AFOSR 67-0682
UNIVERSITY OF NORTH CAROLINA
CUMULATIVE SUM CONTROL CHARTS AND THE WEIBULL DISTRIBUTION
TECHNOMETRICS V8 N3 PP461-491 AUG 66
OAR ACCESS NO.....015670-003
BY JOHNSON N L — DDC NUMBER.....AD648696
INSTR...AF-AFOSR-0760-65
PROJECT/TASK.....9749/02

AFOSR 67-0683
UNIVERSITY OF NORTH CAROLINA
TABLES TO FACILITATE FITTING S SUB U FREQUENCY CURVES
BIOMETRIKA V52 N3-4 PP547-558 1965
OAR ACCESS NO.....015670-004
BY JOHNSON N L — DDC NUMBER.....AD648914
INSTR...AF-AFOSR-0760-65
PROJECT/TASK.....9749/02

AFOSR 67-0684
CASE INSTITUTE OF TECHNOLOGY
CHARACTERIZATION OF NORMAL AND GENERALIZED TRUNCATED NORMAL DISTRIBUTIONS USING ORDER STATISTICS
ANN MATH STATIST V37 N4 PP1011-1015 AUG 66
OAR ACCESS NO.....015250-002
BY GOVINDARAJULU Z — DDC NUMBER.....AD648851
INSTR...AF-AFOSR-0741-65
PROJECT/TASK.....9749/02

AFOSR 67-0685
PURDUE UNIVERSITY
A NECESSARY CONDITION FOR FOUR-COLORING A PLANAR GRAPH
J COMBINATORIAL THEORY V1 N2 PP375-384 NOV 66
OAR ACCESS NO.....020480-001
BY BAXTER G E — DDC NUMBER.....AD648689
INSTR...AF-AFOSR-0955-65
PROJECT/TASK.....9749/02

AFOSR 67-0686
UNIVERSITY OF CALIFORNIA
EXPERIMENTAL OBSERVATIONS OF THE TRANSITION TO DETONATION IN AN EXPLOSIVE GAS
PROC ROY SOC LONDON SERA V295 PP13-28 1966
OAR ACCESS NO.....001933-002
BY UNTIEW P A — DDC NUMBER.....AD648679
OPPENHEIM A K — INSTR...AF-AFOSR-0129-65
PROJECT/TASK.....9711/01

AFOSR 67-0688
ROCKET POWER INC
ION REACTIONS IN MATRICES FINAL REPORT FEB 1967
OAR ACCESS NO.....021740-001
BY BAXTER C — DDC NUMBER.....AD648266
CHAN S I — INSTR...AF-49/638/01699
PROJECT/TASK.....9750/02

AFOSR 67-0689
UNIVERSITY OF ILLINOIS
GAS LASER STUDIES IN THE 100 TO 1 000 MICRON RANGE FINAL REPORT DEC 1966
OAR ACCESS NO.....016981-001
BY COLEMAN P D — DDC NUMBER.....AD648760
INSTR...AF-AFOSR-0804-66
PROJECT/TASK.....9768/02

AFOSR 67-0690
TECHNION RESEARCH AND DEVELOPMENT FOUNDATION
STRAIN AGEING OF COMMERCIALLY PURE ALUMINUM
MATERIALS SCIENCE AND ENGINEERING V2 N3 PP117-124 SEP 1967
OAR ACCESS NO.....022230-003
BY ROSEN A — DDC NUMBER.....AD648252
INSTR...AF-61/052/00951
PROJECT/TASK.....9762/02

AFOSR 67-0691
APPLICAZIONIE RICERCHE SCIENTIFICHE
THE METHOD OF ELEMENTARY SOLUTIONS FOR KINETIC MODELS WITH VELOCITY DEPENDENT COLLISION FREQUENCY
ANN PHYS V40 N3 PP469-481 DEC 1966
OAR ACCESS NO.....018130-004
BY CERCIGNANI C — DDC NUMBER.....AD648801
INSTR...AF-61/052/00981
PROJECT/TASK.....9783/01

AFOSR 67-0692
APPLICAZIONIE RICERCHE SCIENTIFICHE
UNSTEADY SOLUTIONS OF KINETIC MODELS WITH
VELOCITY-DEPENDENT COLLISION FREQUENCY
ANN PHYS V40 N3 PP456-468 DEC 1966
OAR ACCESS NO.....018130-006
BY CERCIGNANI C
DDC NUMBER.....AD648602
INSTR...AF-61(052)00881
PROJECT/TASK.....9783/01

AFOSR 67-0693
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
DIRECT EVIDENCE OF PERSISTENT CURRENT LOOPS IN HARD
SUPERCONDUCTING WIRE
APPL PHYS LETTERS V9 N11 PP391-392 1 DEC 1966
OAR ACCESS NO.....007911-100
BY IWASA Y
WILLIAMS J E C
DDC NUMBER.....AD648536
INSTR...AF-49(638)01468
PROJECT/TASK.....9764/00

AFOSR 67-0694
UNIVERSITY OF CALIFORNIA
THE LOW TEMPERATURE SPECIFIC HEAT OF EUROPIUM SULFIDE IN A
MAGNETIC FIELD
PHYS LETTERS V23 N11 PP634-636 12 DEC 1966
OAR ACCESS NO.....009061-012
BY PASSENHEIM B C
MCCOLLUM D C JR
CALLAWAY J
DDC NUMBER.....AD648685
INSTR...AF-AFOSR-0523-66
PROJECT/TASK.....9763/02

AFOSR 67-0697
CORNELL UNIVERSITY
LOW TEMPERATURE SURFACE EMISSION IN SEEDED COMBUSTION
PRODUCTS
PROC INTERN CONF PHENOMENA IONIZED GASES 7TH BELGRADE
YUGOSLOVIA 22-27 AUG 1965 V1 PP211-215 1966
OAR ACCESS NO.....001062-003
BY TURCOTTE D L
WOLF R
DDC NUMBER.....AD648532
INSTR...AF-49(638)01346
PROJECT/TASK.....9783/02

AFOSR 67-0698
VIRGINIA INSTITUTE FOR SCIENTIFIC RESEARCH
ADSORPTION OF POLAR COMPOUNDS ON AMORPHOUS BORON
NATURE V212 N5038 PP137-139 8 OCT 1966
OAR ACCESS NO.....015210-001
BY GILLESPIE J S
MOBSON M C
GAGER H M
DDC NUMBER.....AD648688
INSTR...AF-AFOSR-0734-65
PROJECT/TASK.....9760/03

AFOSR 67-0699
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
CENTRAL IDEMPOTENTS IN GROUP ALGEBRAS
BULL AM MATH SOC V72 N6 PP1000-1002 NOV 66
OAR ACCESS NO.....000451-015
BY RIDER D
INSTR...AF-AFOSR-0335-63
PROJECT/TASK.....9749/02

AFOSR 67-0700
UNIVERSITY OF COLORADO
UNITARY AND ANTIUNITARY MAY REPRESENTATIONS OF THE PRODUCT
OF N COMMUTING PARITY OPERATORS
J MATH PHYS V7 N11 PP1903-1907 NOV 1966
OAR ACCESS NO.....013091-003
BY BARUT A O
KOMY S
DDC NUMBER.....AD648678
INSTR...AF-AFOSR-0030-65
PROJECT/TASK.....9751/01

AFOSR 67-0701
UNIVERSITY OF MARYLAND
IMPURITY DEPENDENCE OF THE CRITICAL FIELD IN ANISOTROPIC
SUPERCONDUCTORS
PHYS REV V153 N2 PP449-454 10 JAN 1967
OAR ACCESS NO.....003333-023
BY CLEM J R
DDC NUMBER.....AD648911
INSTR...AF-AFOSR-0735-65
PROJECT/TASK.....9751/01

AFOSR 67-0702
GRAFIX INCORPORATED
COMPUTER EXPERIMENTS IN MOTOR LEARNING
PROC FALL JOINT COMPUTER CONF LAS VEGAS NEVADA NOV 1965 V29
PTI PP753-774 1965
OAR ACCESS NO.....012651-001
BY BUSSEY G M
DDC NUMBER.....AD648534
INSTR...AF-49(638)01476
PROJECT/TASK.....9769/04

AFOSR 67-0703
GRAFIX INCORPORATED
COMPUTER PROCEDURES AND PROGRAMS FOR THE AUTOMATION OF
CONATIVE PROCESSES FINAL REPORT DEC 1966
OAR ACCESS NO.....012651-002
BY BUSSEY G M
DDC NUMBER.....AD648267
INSTR...AF-49(638)01476
PROJECT/TASK.....9769/04

AFOSR 67-0704
HEBREW UNIVERSITY
CONTINUOUS FAMILIES OF CURVES
CAN J MATH V18 PP828-837 66
OAR ACCESS NO.....003861-013
BY GRUNBAUM A
DDC NUMBER.....AD648668
INSTR...AF-EOAR -0063-63
PROJECT/TASK.....9749/02

AFOSR 67-0705
CORNELL UNIVERSITY
FORCED SOUND PROPAGATION IN GASES OF ARBITRARY DENSITY
MANFRED GAS DYN V1 PP69-70 1965
OAR ACCESS NO.....001062-004
BY MASON R J JR
INSTR...AF-49(638)01346
PROJECT/TASK.....9783/02

AFOSR 67-0706
OKLAHOMA STATE UNIVERSITY
NUCLEOPHILIC DISPLACEMENT REACTIONS ON ORGANOPHOSPHORUS
ESTERS BY GRIGNARD REAGENTS II EVIDENCE FOR COMPETITIVE
DISPLACEMENT ON CARBON AND PHOSPHORUS IN THE REACTION OF
J ORG CHEM V32 PP125-129 JAN 1967
OAR ACCESS NO.....011801-004
BY BERLIN K D
PETERSON M E
DDC NUMBER.....AD648657
INSTR...AF-AFOSR-0132-65
PROJECT/TASK.....9762/02

AFOSR 67-0707
OKLAHOMA STATE UNIVERSITY
NUCLEOPHILIC DISPLACEMENT REACTIONS ON ORGANOPHOSPHORUS
ESTERS BY GRIGNARD REAGENTS III THE REACTION OF ALKYL
DIPHENYLPHOSPHINATES WITH ALKYL GRIGNARDS
J ORG CHEM V32 PP129-133 JAN 1967
OAR ACCESS NO.....011801-005
BY BERLIN K D
PAGILAGAN R U
DDC NUMBER.....AD648658
INSTR...AF-AFOSR-0132-65
PROJECT/TASK.....9762/02

AFOSR 67-0709
BRANDEIS UNIVERSITY
THE FLUORESCENCE OF CYCLIC AZO-COMPOUNDS DETERMINATION OF
SINGLET LIFETIMES
CHEM COMMUN PP899-901 1966
OAR ACCESS NO.....019181-001
BY STEEL C
THOMAS T F
DDC NUMBER.....AD649182
INSTR...AF-AFOSR-0503-66
PROJECT/TASK.....9760/01

AFOSR 67-0710
THE UNIVERSITY OF TEXAS
MATCH RECOGNITION IN CHROMOSOME BAND STRUCTURE
TECHNICAL REPORT NO 31
OAR ACCESS NO.....015242-003
BY CASTLEMAN K R
WELCH A J
DDC NUMBER.....AD808715
INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....4751/00

AFOSR 67-0711
THE UNIVERSITY OF TEXAS
A CAPACITOR ANALOG MEMORY
TECHNICAL REPORT NO 32 JAN 1967
OAR ACCESS NO.....015242-004
BY NELSON R L JR
HARBOURT C O
DDC NUMBER.....AD808716
INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....4751/00

AFOSR 67-0712
THE UNIVERSITY OF TEXAS
A MATHEMATICAL MODEL FOR THE BIOLOGICAL CLOCK OF PASSER
DOMESTICUS
TECHNICAL REPORT NO 28 DEC 1966
OAR ACCESS NO.....015242-005
BY RICHIE C G
WOMACK B F
DDC NUMBER.....AD807995
INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....4751/00

AFOSR 67-0713
PURDUE UNIVERSITY
MULTIDENTATE LIGAND KINETICS X EXCHANGE REACTIONS OF METAL
/III/—CYCLOHEXYLENEDIAMINETETRAACETATE COMPLEXES
INORG CHEM V6 N2 PP283-289 FEB 1967
OAR ACCESS NO.....012651-003
BY MARGERUM D W
MENARDI P J
JAMES D L
DDC NUMBER.....AD649163
INSTR...AF-AFOSR-0134-65
PROJECT/TASK.....9710/01

AFOSR 67-0714
UNIVERSITY OF WISCONSIN
WAVE-LENGTH DISCRIMINATION IN INSECTS A RECEPTOR CLASSES IN
THE COMPOUND EYE OF THE BACKSWIMMER NOTONECTA B SPECTRAL
SENSITIVITIES OF COMPOUND EYE AND OCELLI IRRORATA IN
OAR ACCESS NO.....017630-001
BY RUCK P R
SONTAG C R
DDC NUMBER.....AD648965
INSTR...AF-AFOSR-0909-65
PROJECT/TASK.....9777/01

AFOSR 67-0715
STANFORD RESEARCH INSTITUTE
MULTINEURON RESPONSES TO VISUAL STIMULI IN ONCOPELTUS FASCIATUS DALLAS
J EXPTL BIOL V45 PP401-410 1966

BY CHAPPLE W D

DAR ACCESS NO.....010380-004
DOC NUMBER.....AD649298
INSTR...AF-49(638)-01112
PROJECT/TASK.....9777/01

AFOSR 67-0717
SANTA RITA TECHNOLOGY INC
RFD-WINGED BLACKBIRD RESPONSES TO ACOUSTIC STIMULI FINAL REPORT FEB 1967

BY BOUDREAU G R

DAR ACCESS NO.....028610-001
DOC NUMBER.....AD648867
INSTR...F44620-67-C-0042
PROJECT/TASK.....9777/01

AFOSR 67-0718
UNIVERSITY OF CALIFORNIA
STABILITY OF NONLINEAR TIME-VARYING NETWORKS
ERL-67-1 MARCH 1967

BY KUO Y L

DAR ACCESS NO.....004709-002
DOC NUMBER.....AD651669
INSTR...AF-AFOSR-0130-66
PROJECT.....9760

AFOSR 67-0722
UNIVERSITY OF CALIFORNIA
HYPERTONIC UREA ITS EFFECTS ON CORTICAL AND SUBCORTICAL EVOKED POTENTIALS IN CAT
BRAIN RES V3 PP362-373 1966/1967

BY PINEDA A
ADEY W

DAR ACCESS NO.....009322-008
DOC NUMBER.....AD649308
INSTR...AF-49(638)-1387
PROJECT/TASK.....9764/00

AFOSR 67-0723
UNIVERSITY OF WISCONSIN
PREPARATION AND STRUCTURE OF A TETRAMERIC CYCLOPENTADIENYLIRON SULFIDE
INORG CHEM V5 N5 PP900-905 MAY 1966

BY DAHL L F
TREICHEL P M
WEI C H
WILKES G R

DAR ACCESS NO.....014421-001
DOC NUMBER.....AD648892
INSTR...AF-AFOSR-0518-66
PROJECT/TASK.....9710/01

AFOSR 67-0724
UNIVERSITY OF WISCONSIN
A NEW TYPE OF CYCLIC TRANSITION METAL COMPLEX
J AM CHEM SOC V87 N22 PP5251-5253 20 NOV 1965

BY ABEL E W
CROSSE K G
DAHL L F
WOODWARD P

DAR ACCESS NO.....014420-002
DOC NUMBER.....AD649136
INSTR...AF-AFOSR-0518-64
PROJECT/TASK.....9710/01

AFOSR 67-0725
UNIVERSITY OF WISCONSIN
THREE-DIMENSIONAL CRYSTAL STRUCTURE OF BENZENECHROMIUM TRICARBONYL WITH FURTHER COMMENTS ON THE DIBENZENECHROMIUM STRUCTURE
INORG CHEM V4 N9 PP1314-1319 SEP 1965

BY BAILEY M F
DAHL L F

DAR ACCESS NO.....014420-003
DOC NUMBER.....AD649136
INSTR...AF-AFOSR-0518-64
PROJECT/TASK.....9710/01

AFOSR 67-0726
UNIVERSITY OF WISCONSIN
STRUCTURE OF THIOPHENECHROMIUM TRICARBONYL
INORG CHEM V4 N9 PP1320-1324 SEP 1965

BY BAILEY M F
DAHL L F

DAR ACCESS NO.....014420-004
DOC NUMBER.....AD649141
INSTR...AF-AFOSR-0518-64
PROJECT/TASK.....9710/01

AFOSR 67-0727
UNIVERSITY OF WISCONSIN
CRYSTAL STRUCTURE OF A 1 1 MIXTURE OF T4D IRON CARBONYL SULFUR COMPLEXES
INORG CHEM V4 N4 PP493-499 APR 1965

BY WEI C H
DAHL L F

DAR ACCESS NO.....014420-005
DOC NUMBER.....AD649142
INSTR...AF-AFOSR-0518-64
PROJECT/TASK.....9710/01

AFOSR 67-0729
NEW YORK UNIVERSITY
SMOOTH-CURVE INTERPOLATION A GENERALIZED SPLINE-FIT PROCEDURE
NUMER MATHEM INFORM MECHANIZING V6 N4 PP277-283 1964

BY GLASS J M

DAR ACCESS NO.....010113-008
DOC NUMBER.....AD652437
INSTR...AF-AFOSR-0024-65
PROJECT/TASK.....9769/02

AFOSR 67-0739
UNIVERSITY OF MASSACHUSETTS
MNSOSUM4 ASSOCIATION AND SULPHATE CHELATION A SOLVENT NMR STUDY
J INORG NUCL CHEM V29 PP263-266 1967

BY FRANKEL L S
STENGLE T R
LANGFORD C H

DAR ACCESS NO.....013811-003
DOC NUMBER.....AD648910
INSTR...AF-AFOSR-0212-66
PROJECT/TASK.....9760/03

AFOSR 67-0730
UNIVERSITY OF CALIFORNIA
ACIDITY OF HYDROCARBONS XXI EQUILIBRIUM ACIDITIES OF SOME HYDROCARBONS TOWARDS LITHIUM CYCLOHEXYLAMINE IN CYCLOHEXYLAMINE
J AM CHEM SOC V89 N1 PP59-62 4 JAN 1967

BY STREITWIESER A
CLUFFARIN E
HAMMONS J H
HRAUSMAN J I

DAR ACCESS NO.....010841-004
DOC NUMBER.....AD649143
INSTR...AF-AFOSR-0554-64
PROJECT/TASK.....9762/01

AFOSR 67-0731
UNIVERSITY OF CALIFORNIA
ACIDITY OF HYDROCARBONS XXII RELATIVE EQUILIBRIUM ACIDITIES OF HYDROCARBONS TOWARD CESIUM CYCLOHEXYLAMIDE
J AM CHEM SOC V89 N1 PP63-67 4 JAN 1967

BY STREITWIESER A
CLUFFARIN C
HAMMONS J H

DAR ACCESS NO.....010841-005
DOC NUMBER.....AD649144
INSTR...AF-AFOSR-0554-64
PROJECT/TASK.....9762/01

AFOSR 67-0732
STANFORD UNIVERSITY
STRESS-STRAIN ISOTHERMS FOR POLY-/DIMETHYLSILOXANE/ NETWORKS
J APPL PHYS V37 N13 PP4635-4639 DEC 1966

BY MARK J E
FLORY P J

DAR ACCESS NO.....010391-026
DOC NUMBER.....AD649297
INSTR...AF-49(638)-01341
PROJECT/TASK.....9760/03

AFOSR 67-0733
UNIVERSITY OF MICHIGAN
ON THE PROBLEM OF RECONSTRUCTING A TOURNAMENT FROM SUBTOURNAMENTS
MONATSH MATH V71 PP18-23 1967

BY HARARY F
PALMER E

DAR ACCESS NO.....014960-002
DOC NUMBER.....AD649146
INSTR...AF-AFOSR-0756-65
PROJECT/TASK.....9749/01

AFOSR 67-0734
UNIVERSITY OF CALIFORNIA
OPTIMUM QUADRATIC DETECTION OF A RANDOM VECTOR IN GAUSSIAN NOISE
IEEE TRANS COMMUN TECHNOL V14 N6 PP802-805 DEC 66

BY BAKER C R

DAR ACCESS NO.....015050-006
DOC NUMBER.....AD649146
INSTR...AF-AFOSR-0700-65
PROJECT/TASK.....9749/01

AFOSR 67-0735
UNIVERSITY OF CALIFORNIA
THEORY OF QUEUES APPLIED TO TIME-SHARED COMPUTER SYSTEMS
1966 IEEE NEG SIX CONF RECORD TUCSON ARIZONA 1966

BY KLEINROCK L

DAR ACCESS NO.....015050-007
DOC NUMBER.....AD649147
INSTR...AF-AFOSR-0700-65
PROJECT/TASK.....9749/01

AFOSR 67-0736
UNIVERSITY OF MICHIGAN
BINARY MATRICES WITH EQUAL DETERMINANT AND PERMANENT
STUDIA SCI MATH HUNGARICA V1 PP179-183 1966

BY BEINEKE L W
HARARY F

DAR ACCESS NO.....014960-003
DOC NUMBER.....AD649150
INSTR...AF-AFOSR-0756-65
PROJECT/TASK.....9749/01

AFOSR 67-0737
UNIVERSITY OF MICHIGAN
ON THE ORDER OF THE GROUP OF A PLANAR MAP
J COMBINATORIAL THEORY V1 N3 PP394-395 NOV 66

BY HARARY F
TUTTE W T

DAR ACCESS NO.....014960-004
DOC NUMBER.....AD649152
INSTR...AF-AFOSR-0756-65
PROJECT/TASK.....9749/01

AFOSR 67-0740
UNIVERSITY OF WISCONSIN
AN ASSESSMENT OF THE INFLUENCE OF A METAL-METAL BOND ON THE MOLECULAR GEOMETRY OF AN ORGANOMETALLIC LIGAND-BRIDGED COMPLEX
J AM CHEM SOC V89 N3 PP542-552 1967

BY COLEMAN J M
DAHL L F

DAR ACCESS NO.....014421-002
DOC NUMBER.....AD648894
INSTR...AF-AFOSR-0518-66
PROJECT/TASK.....9710/01

AFOSR 67-0741
UNIVERSITY OF WISCONSIN
THE STRUCTURE OF HEXAMETHYLBENZENECHROMIUM TRICARBONYL
WITH COMMENTS ON THE DIBENZENECHROMIUM STRUCTURE
INORG CHEM V6 N9 PP1598-1606 SEP 1967
OAR ACCESS NO.....014620-006
BY BAILEY N F — DDC NUMBER.....AD648690
DAHL L F — INSTR...AF-AFOSR-0518-66
PROJECT/TASK.....9710/01

AFOSR 67-0742
UNIVERSITY OF CHICAGO
ELECTRICAL CONDUCTANCE OF SALTS IN LIQUID IODINE I IODIDE
DONOR SOLUTES
J PHYS CHEM V71 N2 PP316-323 JAN 1967
OAR ACCESS NO.....009331-004
BY BEAUCROFT D J — DDC NUMBER.....AD648899
MACINTYRE N M — INSTR...AF-AFOSR-0624-66
PROJECT/TASK.....9710/02

AFOSR 67-0745
UNIVERSITY OF ROCHESTER
EXCITED-STATE WAVE FUNCTIONS EXCITATION ENERGIES AND
OSCILLATOR STRENGTHS FOR KRYPTON AND XENON
PHYS REV V152 N1 PP50-56 2 DEC 1966
OAR ACCESS NO.....002783-010
BY DOW J D — DDC NUMBER.....AD648903
KNOX R S — INSTR...AF-AFOSR-0611-66
PROJECT/TASK.....9761/01

AFOSR 67-0746
UNIVERSITY OF ROCHESTER
HEAT FLOW IN A SUPERCONDUCTOR IN THE VORTEX STATE
PHYS REV LETTERS V18 N2 PP47-49 9 JAN 1967
OAR ACCESS NO.....016610-003
BY PARKS R D — DDC NUMBER.....AD648907
ZUMSTEG F C — INSTR...AF-AFOSR-0807-65
MOCHEL J M — PROJECT/TASK.....9763/02

AFOSR 67-0747
UNIVERSITY OF ROCHESTER
EVIDENCE FOR THERMODYNAMIC FLUCTUATIONS IN A SUPERCONDUCTOR
PHYS REV LETTERS V18 N10 PP362-365 6 MAR 1967
OAR ACCESS NO.....016610-004
BY PARKS R D — INSTR...AF-AFOSR-0807-65
GHOFF R P — PROJECT/TASK.....9763/02

AFOSR 67-0748
CORNELL UNIVERSITY
TOEPLITZ OPERATORS ON HSUPQ
PACIFIC J MATH V19 N3 PP573-582 1966
OAR ACCESS NO.....015690-002
BY WIDOM H — DDC NUMBER.....AD648908
INSTR...AF-AFOSR-0743-65
PROJECT/TASK.....9749/02

AFOSR 67-0749
THE UNIVERSITY OF TEXAS
FLUX TRAPPING OF RF FIELDS IN SUPERCONDUCTORS
PHYS REV V146 N1 P313-317 5 AUG 1966
OAR ACCESS NO.....015241-026
BY HADEN C R — DDC NUMBER.....AD649154
HARTWIG W H — INSTR...AF-AFOSR-0766-66
PROJECT/TASK.....4751/00

AFOSR 67-0750
UNIVERSITY OF NORTH CAROLINA
INSTRUMENT FOR FUNCTIONAL READOUT OF CHRONOCOULOMETRIC
DATA APPLICATION TO CADMIUM ADSORPTION FROM IODIDE MEDIUM
ANAL CHEM V39 N1 PP51-54 JAN 1967
OAR ACCESS NO.....019080-010
BY OOOM G W — DDC NUMBER.....AD649155
MURRAY R W — INSTR...AF-AFOSR-0540-66
PROJECT/TASK.....9780/01

AFOSR 67-0751
OKLAHOMA STATE UNIVERSITY
STRUCTURAL EFFECTS ON THE COMPLEXING ABILITY OF ALKYL
DIPHENYLPHOSPHINATES WITH MAGNESIUM IODIDE
CHEM COMMUN PP687-688 1966
OAR ACCESS NO.....011802-001
BY BERLIN K D — DDC NUMBER.....AD649156
PAGILAGAN R U — INSTR...AF-AFOSR-0132-67
PROJECT/TASK.....9762/02

AFOSR 67-0752
THE JOHNS HOPKINS UNIVERSITY
ISOTOPE EFFECT IN THE REACTION OF HO WITH RARE GASES
ADVAN CHEM SER NSR PP83-86 1966
OAR ACCESS NO.....014663-006
BY BERTA M A — DDC NUMBER.....AD649208
ELLIS M F — INSTR...AF-49(638)-01301
KOSKI W S — PROJECT/TASK.....9760/02

AFOSR 67-0753
STANFORD UNIVERSITY
A NEW MODEL FOR IMPULSIVE PHENOMENA APPLICATION
ATMOSPHERIC-NOISE COMMUNICATION CHANNELS
SEL 66-052 AUG 1966
OAR ACCESS NO.....000174-001
BY HALL H M JR — DDC NUMBER.....AD648650
INSTR...AF-AFOSR-0793-66

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STANFORD UNIVERSITY
A NEW MODEL FOR IMPULSIVE PHENOMENA APPLICATION TO
ATMOSPHERIC-NOISE COMMUNICATION CHANNELS
SEL 66-052 AUG 1966
OAR ACCESS NO.....017360-004
BY HALL H M JR — DDC NUMBER.....AD648650
INSTR...AF-49(638)-01517

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STATE UNIVERSITY OF NEW YORK
STABLE AND UNSTABLE SILYL AND GERMYL COMPOUNDS FINAL
REPORT MARCH 1967
OAR ACCESS NO.....007651-003
BY SUJISHI S — DDC NUMBER.....AD648881
GOLDFARB T D — INSTR...AF-AFOSR-0277-63
PROJECT/TASK.....9762/02

AFOSR 67-0755
CARNEGIE INSTITUTE OF TECHNOLOGY
SEQUENTIAL EQUIVALENTS OF PARALLEL PROCESSES
FEBRUARY 1967
OAR ACCESS NO.....032900-010
BY PARNAS D L — DDC NUMBER.....AD809815
INSTR...SD -148
PROJECT/TASK.....9718/00

AFOSR 67-0757
UNIVERSITY OF MINNESOTA
DISJOINTNESS IN ERGODIC THEORY MINIMAL SETS AND A PROBLEM
IN DIOPHANTINE APPROXIMATION
MATH SYSTEMS THEORY V1 N1 PP1-49 1966
OAR ACCESS NO.....000416-001
BY FURSTENBERG H — DDC NUMBER.....AD649158
INSTR...AF-AFOSR-0381-66
PROJECT/TASK.....9749/02

AFOSR 67-0758
RESEARCH TRIANGLE INSTITUTE
ON WAYES SEQUENTIAL DESIGN WITH TWO RANDOM VARIABLES
BIOMETRIKA V53 PP469-475 1966
OAR ACCESS NO.....017590-004
BY AOMRER M — DDC NUMBER.....AD648977
INSTR...AF-49(638)-01544
PROJECT/TASK.....9769/02

AFOSR 67-0759
THE JOHNS HOPKINS UNIVERSITY
MULTIPLE REGRESSION WITH STATIONARY ERRORS
J AM STATIST ASSOC V61 PP917-928 DEC 66
OAR ACCESS NO.....014670-009
BY DUNCAN D B — DDC NUMBER.....AD649300
JONES R H — INSTR...AF-49(638)-01302
PROJECT/TASK.....9769/02

AFOSR 67-0760
THE UNIVERSITY OF TEXAS
A SEARCH TECHNIQUE FOR QUASI-PERFECT CODES
INFORM CONTROL V9 N1 PP94-99 FEB 1966
OAR ACCESS NO.....015241-027
BY WAGNER T J — DDC NUMBER.....AD649599
INSTR...AF-AFOSR-0766-66
PROJECT/TASK.....4751/00

AFOSR 67-0761
THE UNIVERSITY OF TEXAS
FIELD RANGE AND RESOLUTION IN HOLOGRAPHY
J OPT SOC AM V56 N12 PP1754-1759 DEC 1966
OAR ACCESS NO.....015241-028
BY CARTER W H — DDC NUMBER.....AD649601
DOUGAL A A — INSTR...AF-AFOSR-0766-66
PROJECT/TASK.....4751/00

AFOSR 67-0762
THE UNIVERSITY OF TEXAS
BREAKDOWN MINIMA DUE TO ELECTRON-IMPACT IONIZATION IN SUPER
-HIGH-PRESSURE GASES IRRADIATED BY A FOCUSED GIANT-PULSE
LASER
PHYS REV LETTERS V15 N22 PP845-847 29 NOV 1965
OAR ACCESS NO.....015241-029
BY GILL C M — DDC NUMBER.....AD649602
DOUGAL A A — INSTR...AF-AFOSR-0766-66
PROJECT/TASK.....4751/00

AFOSR 67-0763
THE UNIVERSITY OF TEXAS
LASER Q - SWITCHING SYSTEMS
IEEE STUDENT J PP1-8 JAN 1966
OAR ACCESS NO.....015241-030
BY MCELROY J H
GILL D M
DOUGAL A A
DDC NUMBER.....AD649608
INSTR...AF-AFOSR-0786-66
PROJECT/TASK.....4751/00

AFOSR 67-0764
THE UNIVERSITY OF TEXAS
A NEW PULSED ION LASER TRANSITION IN NITROGEN AT 3995 A
IEEE J QUANTUM ELECTRON VQE-2 N8 P334 AUG 1966
OAR ACCESS NO.....015241-031
BY ALLEN R B
STARNES R B
DOUGAL A A
DDC NUMBER.....AD649607
INSTR...AF-AFOSR-0786-66
PROJECT/TASK.....4751/00

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THE UNIVERSITY OF TEXAS
THE PROBLEM OF MULTIPARAMETER ADAPTIVE SYSTEMS HAVING SPECIFIED POLES AND ZEROS
PROC NATL ELECTRON CONF V22 PP595-600 1966
OAR ACCESS NO.....015241-032
BY MONACK D F
WATT J T JR
DDC NUMBER.....AD649608
INSTR...AF-AFOSR-0786-66
PROJECT/TASK.....4751/00

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THE UNIVERSITY OF TEXAS
MAGNETIC LOSSES IN SUPERCONDUCTORS AT HIGH FREQUENCIES
IEEE TRANS MAGNETICS VMAG-2 N3 PP331-333 SEP 1966
OAR ACCESS NO.....015241-033
BY HADEN C M
HARTWIG W H
VICTOR J M
DDC NUMBER.....AD649610
INSTR...AF-AFOSR-0786-66
PROJECT/TASK.....4751/00

AFOSR 67-0767
THE UNIVERSITY OF TEXAS
INPUT POWER INDUCED THERMAL EFFECTS RELATED TO TRANSITION TIME BETWEEN AVALANCHE AND SECOND BREAKDOWN IN P-N SILICON JUNCTIONS
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OAR ACCESS NO.....015241-034
BY PERRY D K
DOUGAL A A
DDC NUMBER.....AD649611
INSTR...AF-AFOSR-0756-66
PROJECT/TASK.....4751/00

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UNIVERSITY OF NEWCASTLE
PREPARATION AND PROPERTIES OF MONOSUBSTITUTED TRIETHYLAMINE-BORANES
J INORG NUCL CHEM V29 PP329-333 1967
OAR ACCESS NO.....010162-007
BY FAULKS J N G
GREENWOOD N N
MORI S J H
DDC NUMBER.....AD649763
INSTR...AF-61(052)00910
PROJECT/TASK.....9710/02

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COLUMBIA UNIVERSITY
ENERGY TRANSFER AND ELECTRON CONDUCTION IN THE FLUID TRANSPIRATION ARC
T-1/312 FEB 1967
OAR ACCESS NO.....011402-004
BY TSCHANG P S
DDC NUMBER.....AD653198
INSTR...AF-49(638)01395
PROJECT/TASK.....9782/02

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CONNECTICUT COLLEGE
A HORNBOOK OF HAZAROS FOR LINGUISTS FINAL REPORT APRIL 1967
OAR ACCESS NO.....016771-001
BY KOLLER A
INSTR...AF-AFOSR-0787-66
PROJECT/TASK.....9789/05

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STANFORD UNIVERSITY
SOME INTEGRAL EQUATIONS WITH NONRATIONAL KERNELS
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OAR ACCESS NO.....017363-005
BY KAILATH T
DDC NUMBER.....AD649740
INSTR...AF-49(638)01517
PROJECT/TASK.....9749/01

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STANFORD UNIVERSITY
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PROC IEEE V54 N1 PP1-75 JAN 1967
OAR ACCESS NO.....011001-013
BY KLAMM C F JR
ANDERSON B D O
NEWCOMB R P
DDC NUMBER.....AD649806
INSTR...AF-AFOSR-0337-63
PROJECT/TASK.....9749/01

AFOSR 67-0774
UNIVERSITY OF MICHIGAN
THE BLOCK-CUTPOINT-TREE OF A GRAPH
PUBL MATH V13 N1-4 PP103-107 DEC 1966
OAR ACCESS NO.....014940-005
BY HARARY F
PRINS G
DDC NUMBER.....AD649587
INSTR...AF-AFOSR-0784-65
PROJECT/TASK.....9749/01

AFOSR 67-0775
UNIVERSITY OF CALIFORNIA
ON A MEAN VALUE THEOREM FOR VECTOR-VALUED FUNCTIONS WITH APPLICATIONS TO UNIQUENESS THEOREMS FOR RIGHT-HAND-DERIVATIVE EQUATIONS
J MATH ANAL APPL V16 N2 PP302-307 NOV 1966
OAR ACCESS NO.....022190-002
BY AZIZ A K
DIAZ J B
MLAK W
INSTR...AF-AFOSR-1122-66
PROJECT/TASK.....9749/01

AFOSR 67-0776
UNIVERSITY OF CALIFORNIA
A MAXIMUM PRINCIPLE OF THE PONTRYAGIN TYPE FOR SYSTEMS DESCRIBED BY NONLINEAR DIFFERENCE EQUATIONS
J SIAM CONTROL V4 N1 PP90-111 1966
OAR ACCESS NO.....020990-001
BY HALKIN H
DDC NUMBER.....AD645342
INSTR...AF-AFOSR-1039-66
PROJECT/TASK.....9749/01

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UNIVERSITY OF CALIFORNIA
AN ABSTRACT FRAMEWORK FOR THE THEORY OF PROCESS OPTIMIZATION
BULL AM MATH SOC V72 N6 PP677-678 JUL 1966
OAR ACCESS NO.....020990-002
BY HALKIN H
DDC NUMBER.....AD649959
INSTR...AF-AFOSR-1039-66
PROJECT/TASK.....9749/01

AFOSR 67-0778
UNIVERSITY OF CALIFORNIA
FINITELY CONVEX SETS OF NONLINEAR DIFFERENTIAL EQUATIONS
MATH SYSTEMS THEORY V1 N1 PP51-53 1966
OAR ACCESS NO.....020990-003
BY HALKIN H
DDC NUMBER.....AD649589
INSTR...AF-AFOSR-1039-66
PROJECT/TASK.....9749/01

AFOSR 67-0780
UNIVERSITY OF CALIFORNIA
ON THE UNIFORM LIMIT OF MULTIPLE BALAYAGE OF VECTOR INTEGRALS
AM MATH MONTHLY V73 N7 PP733-735 AUG-SEP 1966
OAR ACCESS NO.....020990-004
BY HALKIN H
DDC NUMBER.....AD649591
INSTR...AF-AFOSR-1039-66
PROJECT/TASK.....9749/01

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UNIVERSITY OF CALIFORNIA
NECESSARY AND SUFFICIENT CONDITION FOR A CONVEX SET TO BE CLOSED
AM MATH MONTHLY V73 N6 PP628-630 JUN-JUL 1966
OAR ACCESS NO.....020990-005
BY HALKIN H
DDC NUMBER.....AD649592
INSTR...AF-AFOSR-1039-66
PROJECT/TASK.....9749/01

AFOSR 67-0782
UNIVERSITY OF WASHINGTON
VON ZEIPEL METHOD AND THE TWO-VARIABLE EXPANSION PROCEDURE
ASTRON J V71 N9 PP878-885 NOV 66
OAR ACCESS NO.....021810-001
BY KEVORKIAN J
DDC NUMBER.....AD649960
INSTR...AF-AFOSR-1054-66
PROJECT/TASK.....9749/01

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SATELLITE MOTION FOR ALL INCLINATIONS AROUND AN OBLATE PLANET
INTERN ASTRON UNION SYMP 25TH PP291-322 1966
OAR ACCESS NO.....003581-005
BY ECKSTEIN M
KEVORKIAN J
DDC NUMBER.....AD649961
INSTR...AF-AFOSR-0256-62
PROJECT/TASK.....9749/01

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THE UNIVERSITY OF TEXAS
MEAN-SQUARE APPROXIMATION BY GENERALIZED RATIONAL FUNCTIONS
MATH Z V95 PP232-241 1967
OAR ACCESS NO.....021520-001
BY CHENEY E W
GOLDSTEIN A A
DDC NUMBER.....AD649595
INSTR...AF-AFOSR-1109-66
PROJECT/TASK.....9749/01

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NORTHWESTERN UNIVERSITY
OPTICAL ABSORPTION COEFFICIENTS OF VANADIUM PENTAFLUORIDE SINGLE CRYSTALS FINAL REPORT MARCH 1967
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OAR ACCESS NO.....[illegible]
BY WHITMORE D H
KENNY N
KANNEWURF C R
DOC NUMBER.....[illegible]
INSTR...AF-AFOSR-[illegible]-66
PROJECT/TASK.....[illegible]

AFOSR 67-0787
JOHN CARROLL UNIVERSITY
OSCILLATORY MAGNETOACOUSTIC ATTENUATION
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OAR ACCESS NO.....[illegible]
BY PLAX L
TRIVISONNO J
DOC NUMBER.....[illegible]
INSTR...AF-AFOSR-[illegible]-66
PROJECT/TASK.....[illegible]

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YESHIVA UNIVERSITY
THEORY OF PARAMAGNETIC IMPURITIES IN SEMICONDUCTORS
J MATH PHYS V7 N11 PP2045-2052 NOV 1966
OAR ACCESS NO.....[illegible]
BY MATTIS D C
LIEB E H
INSTR...AF-AFOSR-[illegible]-66
PROJECT/TASK.....[illegible]

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UNIVERSITY OF CALIFORNIA
ELECTRON IN BOX THEORY FOR METAL ATOM CLUSTERS
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OAR ACCESS NO.....[illegible]
BY LEGRY W F
DOC NUMBER.....[illegible]
INSTR...AF-AFOSR-[illegible]-66
PROJECT/TASK.....[illegible]

AFOSR 67-0792
UNIVERSITY OF CHICAGO
FORMATION OF RESONANT STATES IN NEGATIVE K MESON PLUS PROTON INTO NEGATIVE K MESON PLUS PROTON BETWEEN 0.0 AND 1.2 GEV/C
PHYS REV LETTERS V17 N24 PP1224-1228 DEC 66
OAR ACCESS NO.....[illegible]
BY GELFAND N M
HARMSEN D
LEVI SETTI R
PREDAZZI E
RAYMUND M
DOC NUMBER.....[illegible]
INSTR...AF-[illegible]-66
PROJECT/TASK.....[illegible]

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ON IRREDUCIBLE REPRESENTATION OF A CLASS OF ALGEBRAS AND RELATED PROJECTIVE REPRESENTATIONS
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OAR ACCESS NO.....[illegible]
BY BARUT A O
DOC NUMBER.....[illegible]
INSTR...AF-AFOSR-[illegible]-66
PROJECT/TASK.....[illegible]

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LAB DE FISICA COSMICA
SOLAR DAILY VARIATION RECORDED AT A LOW LATITUDE STATION IN FAST AND WEST POINTING TELESCOPES DURING PERIODS OF MAXIMUM AND MINIMUM SOLAR ACTIVITY
PROC INTERN CONF COSMIC RAYS 9TH LONDON ENGLAND PP190-192 1955
OAR ACCESS NO.....[illegible]
BY AHLUWALIA H S
ESCOBAR V E
ZUBIETA N
ANDA R
SCHREIER M
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INSTR...AF-AFOSR-[illegible]-66
PROJECT/TASK.....[illegible]

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OAR ACCESS NO.....[illegible]
BY AHLUWALIA H S
DOC NUMBER.....[illegible]
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PROJECT/TASK.....[illegible]

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J AM CHEM SOC V89 N4 PP954-966 15 FEB 1967
OAR ACCESS NO.....[illegible]
BY SEYFERTH D
GORDON M E
YICK-PUI MUI J
BURLITCH J M
DOC NUMBER.....[illegible]
INSTR...AF-AFOSR-[illegible]-66
PROJECT/TASK.....[illegible]

AFOSR 67-0797
[illegible]
[illegible]
[illegible]
[illegible]
BY WATTS H R
DOC NUMBER.....[illegible]
INSTR...[illegible]
PROJECT/TASK.....[illegible]

AFOSR 67-0798
DUKE UNIVERSITY
MILLIMETER-WAVE ROTATIONAL STARK SPECTRA OF SMALL SHELL AND SYMMETRIC DIPOLE-MOMENT CHANGES WITH E
J CHEM PHYS V46 N1 PP183-191 JAN 1967
OAR ACCESS NO.....[illegible]
BY WHITE R L
CLOCK R L
DOC NUMBER.....[illegible]
INSTR...AF-AFOSR-[illegible]-66
PROJECT/TASK.....[illegible]

AFOSR 67-0801
CORNELL UNIVERSITY
[illegible]
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OAR ACCESS NO.....[illegible]
BY [illegible]
DOC NUMBER.....[illegible]
INSTR...[illegible]
PROJECT/TASK.....[illegible]

AFOSR 67-0802
CORNELL UNIVERSITY
[illegible]
ACTION J PT1 AV NOV 1966
OAR ACCESS NO.....[illegible]
BY TERZIAN Y
DOC NUMBER.....[illegible]
INSTR...[illegible]
PROJECT/TASK.....[illegible]

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SMU UNIVERSITY
DETECTION OF SUBMILLIMETER WAVES BY [illegible]
PHOC IEEE V54 N12 PP1841-1842 DEC 1966
OAR ACCESS NO.....[illegible]
BY DELUCIA F
GEORGY W
DOC NUMBER.....[illegible]
INSTR...[illegible]
PROJECT/TASK.....[illegible]

AFOSR 67-0804
STATE UNIVERSITY OF NEW YORK
DIPOLE POLARIZABILITIES OF THE 2S[illegible] AND 2S[illegible] STATES OF HE AND LI PLUS
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OAR ACCESS NO.....[illegible]
BY CHUNG K T
[illegible]
DOC NUMBER.....[illegible]
INSTR...AF-[illegible]-66
PROJECT/TASK.....[illegible]

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OAR ACCESS NO.....[illegible]
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INSTR...AF-[illegible]-66
PROJECT/TASK.....[illegible]

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OAR ACCESS NO.....[illegible]
BY SCALA S M
DOC NUMBER.....[illegible]
INSTR...AF-[illegible]-66
PROJECT/TASK.....[illegible]

AFOSR 67-0815
DUKE UNIVERSITY
[illegible]
SUBSONIC ENVIRONMENTS
OAR ACCESS NO.....[illegible]
BY COHEN S I
DOC NUMBER.....[illegible]
INSTR...AF-[illegible]-66
PROJECT/TASK.....[illegible]

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BY MEHNER M
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INSTR...AF-[illegible]-66
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J CHEM PHYS V45 N11 PP4080-4087 1 DEC 1966

BY CLOUGH S
GOLDBURG W I

OAR ACCESS NO.....093173-001
DDC NUMBER.....AD650009
INSTR...AF-AFOSR-0196-66
PROJECT/TASK.....9763/02

AFOSR 67-0814
UNIVERSITY OF TEXAS
DIELECTRIC DISSIPATION IN NACI AND KCI BELOW 4.2 DEGREES K
J APPL PHYS V37 N13 PP4784-4789 DEC 1966

BY GRISSON D
MARTWIG B H

OAR ACCESS NO.....015241-035
DDC NUMBER.....AD650020
INSTR...AF-AFOSR-0766-66
PROJECT/TASK.....4751/00

AFOSR 67-0815
UNIVERSITY OF TEXAS
ON NON-ELEMENTARY SINGULAR POINTS
J FRANKLIN INST V281 N1 PP41-50 JAN 1966

BY AGGARWAL J K

OAR ACCESS NO.....015241-036
DDC NUMBER.....AD650021
INSTR...AF-AFOSR-0766-66
PROJECT/TASK.....4751/00

AFOSR 67-0816
UNIVERSITY OF TEXAS
NONLINEAR OSCILLATIONS AMPLITUDE BOUNDS FOR SECOND-ORDER SYSTEMS
J FRANKLIN INST V282 N1 PP42-53 JUL 1966

BY AGGARWAL J K

OAR ACCESS NO.....015241-037
DDC NUMBER.....AD650023
INSTR...AF-AFOSR-0766-66
PROJECT/TASK.....4751/00

AFOSR 67-0817
UNIVERSITY OF TEXAS
EVALUATION OF FARADAY SHIELDED STIX COILS FOR ION CYCLOTRON RESONANCE HEATING OF PLASMA
REV SCI INSTR V37 N11 PP1655-1659 NOV 1966

BY DOUGE N M
KRISTIANSEN M
DOUGAL A A

OAR ACCESS NO.....015241-038
DDC NUMBER.....AD650025
INSTR...AF-AFOSR-0766-66
PROJECT/TASK.....4751/00

AFOSR 67-0818
UNIVERSITY OF TEXAS
CONTINUOUS MICROWAVE EMISSION FROM INDIUM ANTIMONIDE
J APPL PHYS V36 N11 PP3684-3685 NOV 1965

BY FOWDY D K
YOUNG M W
DOUGAL A A

OAR ACCESS NO.....015241-039
INSTR...AF-AFOSR-0766-66
PROJECT/TASK.....4751/00

AFOSR 67-0819
UNIVERSITY OF TEXAS
COMPARISON OF NUMERICAL CALCULATIONS AND MEASURED SPACE-TIME RESOLVED PLASMA PROPERTIES OF A DYNAMICAL THETA PINCH
AIAA J V4 N12 PP2154-2165 DEC 1966

BY FNIFORICH D M JR
DOUGAL A A

OAR ACCESS NO.....015241-040
DDC NUMBER.....AD650024
INSTR...AF-AFOSR-0766-66
PROJECT/TASK.....4751/00

AFOSR 67-0820
UNIVERSITY OF TEXAS
QUANTITATIVE OBSERVATIONS OF DOT ANGEL ECHOES AT TWO FREQUENCIES
RADIO SCI V1 N5 PP537-543 MAY 1966

BY DEAN A P
LAGRONE A H

OAR ACCESS NO.....015241-041
DDC NUMBER.....AD650030
INSTR...AF-AFOSR-0766-66
PROJECT/TASK.....4751/00

AFOSR 67-0821
UNIVERSITY OF TEXAS
INTERNATIONAL DEVELOPMENTS IN CONTROLLED THERMONUCLEAR FUSION
IEEE SPECTRUM V3 N2 PP87-93 FEB 1966

BY DOUGAL A A

OAR ACCESS NO.....015241-042
DDC NUMBER.....AD650031
INSTR...AF-AFOSR-0766-66
PROJECT/TASK.....4751/00

AFOSR 67-0822
UNIVERSITY OF TEXAS
THE EFFECTS OF AEROSOLS IN THE ATMOSPHERE ON THE PROPAGATION OF MICROWAVE SIGNALS
J ATMOSPHERIC TERREST PHYS V28 PP361-374 1966

BY HAJOVSKY R G
LAGRONE A H

OAR ACCESS NO.....015241-043
DDC NUMBER.....AD650039
INSTR...AF-AFOSR-0766-66
PROJECT/TASK.....4751/03

AFOSR 67-0823
UNIVERSITY OF TEXAS
RADAR REFLECTIONS FROM INSECTS IN THE LOWER ATMOSPHERE
IEEE TRANS ANTENNAS PROPAGATION VAP-14 N2 PP226-227 MAR 1966

BY HAJOVSKY R G
DEAN A P
LAGRONE A H

OAR ACCESS NO.....015241-044
DDC NUMBER.....AD650042
INSTR...AF-AFOSR-0766-66
PROJECT/TASK.....4751/00

AFOSR 67-0824
NORTHWESTERN UNIVERSITY
BOUNDS FOR LINEAR FUNCTIONALS
BULL AM MATH SOC V73 N1 PP180-183 JAN 1967

BY STAKGOLD I

OAR ACCESS NO.....012246-001
DDC NUMBER.....AD650011
INSTR...AF-AFOSR-0100-66
PROJECT/TASK.....9782/01

AFOSR 67-0825
NORTHWESTERN UNIVERSITY
GROWTH OF SODIUM CHLORIDE-POTASSIUM CHLORIDE MIXED CRYSTALS FROM THE MELT
MAT RES BULL V2 N2 PP263-267 1967

BY GULFSON R G
KODES W

OAR ACCESS NO.....013070-002
DDC NUMBER.....AD650010
INSTR...AF-AFOSR-0327-63
PROJECT/TASK.....9763/01

AFOSR 67-0826
UNIVERSITY OF TEXAS
INFRARED MASER COUPLED RESONATOR AND FARADAY ROTATION TECHNIQUES FOR EXPERIMENTAL IONIZED GAS DIAGNOSTICS
PROC INTERN CONF PHENOMENA IN IONIZED GASES 7TH BEOGRAD 1966 V3 PP205-208

BY DOUGAL A A
GRIBBLE R F
RAIG J P
FNIFORICH D M

OAR ACCESS NO.....015241-045
DDC NUMBER.....AD650043
INSTR...AF-AFOSR-0766-66
PROJECT/TASK.....4751/00

AFOSR 67-0827
UNIVERSITY OF TEXAS
A RESONATOR TECHNIQUE FOR STUDYING DISPERSION IN LONGITUDINALLY MAGNETIZED PLASMA GUIDES
IEEE TRANS MICROWAVE THEORY TECH VMTT14 N1 PP40-41 JAN 1966

BY LIKUSKI R K
COLEMAN P D
STAFFORD J J

OAR ACCESS NO.....015241-046
DDC NUMBER.....AD650046
INSTR...AF-AFOSR-0766-66
PROJECT/TASK.....4751/00

AFOSR 67-0828
UNIVERSITY OF TEXAS
HIDDEN MODES AND POLE-ZERO CANCELLATION
IEEE TRANS AUTO CONTROL VAC-11 N4 PP749-751 OCT 1966

BY ALBERTSON M D
WOMACK B F

OAR ACCESS NO.....015241-047
DDC NUMBER.....AD650047
INSTR...AF-AFOSR-0766-66
PROJECT/TASK.....4751/00

AFOSR 67-0829
UNIVERSITY OF MICHIGAN
ITERATIVE COMPUTATION PROCEDURES FOR AN OPTIMUM CONTROL PROBLEM
IEEE TRANS AUTO CONTROL VAC-10 N3 PP346-348 JULY 65

BY PANCHER J S

OAR ACCESS NO.....018020-002
DDC NUMBER.....AD650452
INSTR...AF-49(638)-01318
PROJECT/TASK.....9749/01

AFOSR 67-0830
UNIVERSITY OF TEXAS
A PERFORMANCE CRITERION FOR ADAPTIVE PATTERN CLASSIFICATION SYSTEMS
JACC PROC PP38-46 1966

BY PATTERSON J D
WAGNER T J
WOMACK B F

OAR ACCESS NO.....015241-048
DDC NUMBER.....AD650077
INSTR...AF-AFOSR-0766-66
PROJECT/TASK.....4751/00

AFOSR 67-0832
UNIVERSITY OF TEXAS
SPACE SCIENCE JOINT URSI/G-AP TECHNICAL SESSION
PROC U S NATL COMM MEETING AUSTIN TEXAS 7 DEC 1966 P12

BY STRAITON A W
DEAR A P
DUDU J L

OAR ACCESS NO.....015241-049
DDC NUMBER.....AD650000
INSTR...AF-AFOSR-0766-66
PROJECT/TASK.....4751/00

AFOSR 67-0833
UNIVERSITY OF TEXAS
ON AN ADAPTIVE TLU UTILIZING FERROMAGNETIC THIN-FILM WEIGHTS
IEEE TRANS MAGNETICS MAG-2 N4 PP771-773 DEC 1966

BY JACKSON P R
WOMACK B F

OAR ACCESS NO.....015241-050
DDC NUMBER.....AD650082
INSTR...AF-AFOSR-0766-66
PROJECT/TASK.....4751/00

AFOSR 67-0834
COLUMBIA UNIVERSITY
A TRANSIENT FIBER OPTICS PROBE FOR SPACE RESOLVED
DIAGNOSTICS OF DENSE PLASMAS
AIAAJ V4 N10 PP1768-1772 OCT 66
OAR ACCESS NO.....011482-003
BY STOJANOFF C G
DOC NUMBER.....AD650234
INSTR...AF-49(638)01395
PROJECT/TASK.....9783/02

AFOSR 67-0835
NORTH DAKOTA STATE UNIVERSITY
ATTITUDES TOWARD CIVIL LIBERTIES A CROSS-CULTURAL STUDY
J PSYCHOL V65 PP145-152 1967
OAR ACCESS NO.....016399-001
BY WHITTAKER J O
DOC NUMBER.....AD650457
INSTR...AF-AFOSR-0762-63
PROJECT/TASK.....9779/02

AFOSR 67-0836
UNIVERSITY OF CALIFORNIA
ON COMPARING THEORY AND EXPERIMENT FOR THE SUPERSONIC
FLUTTER OF CIRCULAR CYLINDRICAL SHELLS
AIAA AEROSPACE SCI MEETING 5TH NEW YORK NY 23-26 JAN 1967
OAR ACCESS NO.....001378-001
BY OLSON N O
FUNG Y C
DOC NUMBER.....AD649934
INSTR...AF-AFOSR-1186-67
PROJECT/TASK.....9782/1

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INDIANA UNIVERSITY
ON THE ANALYTIC PROPERTIES OF SOLUTIONS FOR A GENERALIZED
AXIALLY SYMMETRIC SCHRODINGER EQUATION
J DIFFERENTIAL EQUATIONS V3 N1 PP59-77 JAN 67
OAR ACCESS NO.....022976 00.
BY GILBERT R P
INSTR...AF-AFOSR-1206-67
PROJECT/TASK.....9749/01

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COLORADO STATE UNIVERSITY
A NOTE ON FAMILIES OF SINGULAR STURM-LIOUVILLE SYSTEMS
PORTUGAL MATH V25 N2 PP91-98 1966
OAR ACCESS NO.....009641-002
BY STEIN P M
DOC NUMBER.....AD650017
INSTR...AF-AFOSR-0185-63
PROJECT/TASK.....9749/01

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UNIVERSITY OF MICHIGAN
AN ITERATIVE PROCEDURE FOR COMPUTING THE MINIMUM OF A
QUADRATIC FORM ON A CONVEX SET
J SIAM CONTROL V4 N1 PP61-80 1966
OAR ACCESS NO.....018821-003
BY GILBERT E G
DOC NUMBER.....AD649960
INSTR...AF-AFOSR-0814-65
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UNIVERSITY OF MICHIGAN
A GENERAL THEORY OF MINIMUM-FUEL SPACE TRAJECTORIES
J SIAM CONTROL SERA V3 N2 PP317-356 1965
OAR ACCESS NO.....018620-003
BY NEUSTADT L W
DOC NUMBER.....AD649990
INSTR...AF-49(638)01388
PROJECT/TASK.....9749/01

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BROWN UNIVERSITY
LIAPUNOVS SECOND METHOD
PROC NATO ADVANCED STUDY INST STABILITY PROBLEMS OF
SOLUTIONS DIFFERENTIAL EQUATIONS PADUA ITALY 6-18 SEPT
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OAR ACCESS NO.....019591-004
BY LASALLE J P
DOC NUMBER.....AD636709
INSTR...AF-AFOSR-0643-65
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SHEFFIELD UNIVERSITY
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PROGRESS AERONAUTICAL SCIENCES V8 D KUCHEMANN ED PP229-294
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OAR ACCESS NO.....013611-008
BY SWITHENBANK J
INSTR...AF-EOAR -0023-65
PROJECT/TASK.....9711/01

AFOSR 67-0843
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PHYTO-CHEMICAL STUDY OF THE SPECIES DATURA SANGUINEA
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OAR ACCESS NO.....017680-002
BY OCHOA R
DE NARANJO E
NARANJO P
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INSTR...AF-AFOSR-0845-65
PROJECT/TASK.....9777/01

AFOSR 67-0844
KAROLINSKA INSTITUTE
DISTRIBUTION OF BIOLOGICALLY ACTIVE COMPOUNDS IN THE BODY
FINAL REPORT MARCH 1967
OAR ACCESS NO.....005726-007
BY VON EULER U S
DOC NUMBER.....AD649870
INSTR...AF-EOAR -0007-66
PROJECT/TASK.....9777/01

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METABOLISM OF BIOLOGICALLY ACTIVE AMINES FINAL REPORT FEB
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OAR ACCESS NO.....007425-003
BY CARLSSON A
INSTR...AF-EOAR -0009-66
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OAR ACCESS NO.....013412-001
BY WOOD M P
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INSTR...AF-EOAR -0011-66
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OAR ACCESS NO.....001665-029
BY FOX J
DOC NUMBER.....AD649986
INSTR...AF-49(638)01402
PROJECT/TASK.....9751/00

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MELLON INSTITUTE
NORMS AND SEMI-GROUPS IN THE THEORY OF FADING MEMORY
ARCH RATIONAL MECH ANAL V23 N2 PP87-123 66
OAR ACCESS NO.....015270-007
BY COLEMAN B D
MIZEL V J
DOC NUMBER.....AD650015
INSTR...AF-AFOSR-0728-65
PROJECT/TASK.....9749/01

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UNIVERSITY OF CALIFORNIA
VECTOR POLAR METHOD FOR THE ANALYSIS OF WAVE INTERSECTIONS
REPORT NO AS-66-16 NOV 1966
OAR ACCESS NO.....001035-001
BY OPPENHEIM A K
SMULEN J J
DOC NUMBER.....AD650320
INSTR...AF-AFOSR-0129-67
PROJECT/TASK.....9711/01

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UNIVERSITY OF TEXAS
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OAR ACCESS NO.....015242-006
BY DOUGAL A A
DOC NUMBER.....AD810889
INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....4751/00

AFOSR 67-0852
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OAR ACCESS NO.....017800-001
BY HALES A L
HELSLEY C E
DOWLING J J
NATION J B
DOC NUMBER.....AD650551
INSTR...AF-49(638)01562
PROJECT/TASK.....8652/00

AFOSR 67-0855
UNIVERSITY OF BONN
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ONE SIX SO AND ONE ONE SIX IN
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DOC NUMBER.....AD650332
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PROJECT/TASK.....9751/00

AFOSR 67-0856
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DYNAMIC SNAP-THROUGH OF IMPERFECT VISCOELASTIC SHALLOW
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OAR ACCESS NO.....022780-001
BY HUANG N C
NACHBAR W
INSTR...AF-AFOSR-1226-67
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OAR ACCESS NO.....021340-001
BY MILES G H
DOC NUMBER.....AD650321
INSTR...AF-49/638/01604
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STANFORD RESEARCH INSTITUTE
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OAR ACCESS NO.....005293-004
BY CAPENER E L
DICKINSON L A
KIER H J
MARXMAN G A
WOOLDRIDGE C E
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INSTR...AF-49/638/01665
PROJECT/TASK.....3814/17

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OAR ACCESS NO.....018870-003
BY FAVRE A
GAVIGLIO J
DUMAS R
INSTR...AF-61/052/00772
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OAR ACCESS NO.....012690-008
BY PASK G
DOC NUMBER.....AD650290
INSTR...AF-61/052/00640
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OAR ACCESS NO.....015241-051
BY MIRANATSU K
MATSUNO T
COATES C L
DOC NUMBER.....AD810086
INSTR...AF-AFOSR-0766-66
PROJECT.....9751

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INDIANA UNIVERSITY
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TRANS AM CRYSTAL ASSOC V2 PP165-172 1966
OAR ACCESS NO.....010651-019
BY MONHAM H A
DOC NUMBER.....AD650455
INSTR...AF-AFOSR-0602-64
PROJECT/TASK.....9760/02

AFOSR 67-0864
FULMER RESEARCH INSTITUTE LTD
HEATS OF FORMATION OF A-ALPHA-BERYLLIUM CHLORIDE AND A-ALPHA AND B-BERYLLIUM NITRIDE
TRANS FARADAY SOC V62 N526 PT 10 PP2710-2724 OCT 1966
OAR ACCESS NO.....007570-003
BY GHOSH P
MAYMAN C
GREENE P D
BINGHAM J T
DOC NUMBER.....AD650651
INSTR...AF-61/052/00647
PROJECT/TASK.....3814/00

AFOSR 67-0865
GOTEBORGS UNIVERSITET
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OAR ACCESS NO.....007425-004
BY CARLSSON A
FUXE K
HAMBERGER B
LINDQVIST M
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INSTR...AF-EOAR -0009-66
PROJECT/TASK.....9777/01

AFOSR 67-0866
GOTEBORGS UNIVERSITET
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ACTA PHYSIOL SCAND V67 PP514-520 1966
OAR ACCESS NO.....007425-005
BY THIEME G
DOC NUMBER.....AD650347
INSTR...AF-EOAR -0009-66
PROJECT/TASK.....9777/01

AFOSR 67-0867
GOTEBORGS UNIVERSITET
ACID MONOAMINE METABOLITES OF CEREBROSPINAL FLUID IN MENTAL DEPRESSION AND MANIA
J NEUROCHEM V13 PP1345-1348 1966
OAR ACCESS NO.....007427-006
BY OEMCKER S J
MALM U
ROOS B E
WENDIMIUS B
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INSTR...AF-EOAR -0009-66
PROJECT/TASK.....9777/01

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OAR ACCESS NO.....007484-005
BY ANDEN N E
DAHLSTROM A
FUXE K
LARSSON K
DOC NUMBER.....AD650351
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PROJECT/TASK.....9777/01

AFOSR 67-0869
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OAR ACCESS NO.....007426-006
BY ANDEN N E
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OLSON L
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INSTR...AF-EOAR -0056-65
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AFOSR 67-0870
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BY ANDEN N E
FUXE K
HAMBERGER B
HOKFELT T
DOC NUMBER.....AD650353
INSTR...AF-EOAR -0056-65
PROJECT/TASK.....9777/01

AFOSR 67-0871
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AN INEXPENSIVE VARIABLE-RADIUS CENTRIFUGE FOR PHYSIOLOGICAL EXPERIMENTS
J APPL PHYSIOL V21 N6 PP1938-1942 NOV 1966
OAR ACCESS NO.....018730-001
BY HOWLAND H C
HOWLAND B
STROBELE R
JAMOE J
DOC NUMBER.....AD650331
INSTR...AF-EOAR -0044-66
PROJECT/TASK.....9777/01

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OAR ACCESS NO.....013011-009
BY RENNER B
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INSTR...AF-EOAR -0036-65
PROJECT/TASK.....9751/01

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OAR ACCESS NO.....003903-006
BY LORENTZ G G
DOC NUMBER.....AD650656
INSTR...AF-49/638/01601
PROJECT/TASK.....9769/01

AFOSR 67-0874
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OAR ACCESS NO.....018120-002
BY KULLBACK S
YASAINAIHCOI M Y
DOC NUMBER.....AD650458
INSTR...AF-AFOSR-0932-65
PROJECT/TASK.....9769/02

AFOSR 67-0875
MELLON INSTITUTE
KINETIC SPECTROSCOPY IN THE INFRARED A RAPID-SCAN INFRARED SPECTROMETER
APPL OPT V5 N7 PP1097-1104 JULY 1966
OAR ACCESS NO.....020080-001
BY MANO C W
KAUFMANN P Z
HERTER R M
DOC NUMBER.....AD650456
INSTR...AF-AFOSR-0976-66
PROJECT/TASK.....9710/03

AFOSR 67-0876
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OAR ACCESS NO.....015061-002
BY YOUNG D A
NICE S A
DDC NUMBER.....AD650453
INSTR...AF-AFOSR-0781-67
PROJECT/TASK.....9760/01

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OAR ACCESS NO.....018631-005
BY ARDUINI A
CAVAGGIONI A
INSTR...AF-EOAR -0008-65
PROJECT/TASK.....9777/01

AFOSR 67-0878
UNIVERSITY OF CAMBRIDGE
DOUBLE REGGE POLES AND REGGE CUTS
NUOVO CIMENTO SER 10 V47 PP526-540 FEB 67
OAR ACCESS NO.....013011-010
BY OSBORNE P
FOLKINGHORNE J C
DDC NUMBER.....AD650460
INSTR...AF-EOAR -003A-65
PROJECT/TASK.....9751/01

AFOSR 67-0879
CALIFORNIA INSTITUTE OF TECHNOLOGY
SPECTRUM OF P AND PCP IN RELATION TO THE MANTLE-CORE BOUNDARY AND ATTENUATION IN THE MANTLE
J GEOPHYS RES V72 N2 PP559-571 15 JAN 67
OAR ACCESS NO.....012362-029
BY KANAMORI H
DDC NUMBER.....AD650658
INSTR...AF-49(638)1337
PROJECT/TASK.....8652/00

AFOSR 67-0880
UNIVERSITY OF CALIFORNIA
EXTINCT GHOSTS IN POTENTIAL THEORY
PHYS REV V152 N. PP1441-1449 23 DEC 66
OAR ACCESS NO.....005134-007
BY GROSS D J
PAYSER H J
DDC NUMBER.....AD650461
INSTR...AF-AFOSR-0232-66
PROJECT/TASK.....9751/01

AFOSR 67-0881
BUREAU OF MINES
TETRAFLUOROMETHANE
J CHEM ENG DATA V11 N 2 PP383-386 APRIL 1966
OAR ACCESS NO.....500300-002
BY HARRISON R H
DOUSLIN D R
DDC NUMBER.....AD650488
INSTR...ISSA -00007-65
PROJECT/TASK.....9713/02

AFOSR 67-0882
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
NEUROPHYSIOLOGY
OAR ACCESS NO.....023920-001
BY MCCULLOCH W S
LETTVIN J Y
WALL P D
MORENO-DIAZ R
DDC NUMBER.....AD650429
INSTR...F44620-67-C-0030
PROJECT/TASK.....9777/01

AFOSR 67-0883
NORTHWESTERN UNIVERSITY
FEASIBILITY OF USING LINEAR PATTERN CLASSIFIERS FOR PROBABILISTIC PATTERN CLASSES
PROC IEEE V54 N12 PP1957-1959 DEC 66
OAR ACCESS NO.....011791-008
BY YAU S S
CHIANG P C
DDC NUMBER.....AD649928
INSTR...AF-AFOSR-0098-65
PROJECT/TASK.....9749/01

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WAKE FOREST COLLEGE
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INSTR...AF-EOAR -003A-65
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OAR ACCESS NO.....015520-004
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OAR ACCESS NO.....015520-005
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BY MCEVILLY T V
CASADAY K B
DDC NUMBER.....
INSTR...AF-49(638)01506
PROJECT/TASK.....5810/00

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OAR ACCESS NO.....016190-001
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DDC NUMBER.....AD650657
INSTR...AF-49(638)01397
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GUSTAFSON L A
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BY BECKETT C W
DOUGLAS T B
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INSTR...ISSA -00008-65
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OAR ACCESS NO.....018870-004
BY FAVRE A J
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DDC NUMBER.....
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PROJECT/TASK.....9781/02

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INSTR...F44620-67-C-0032
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OAR ACCESS NO.....012820-003
BY TAYLOR C B
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OAR ACCESS NO.....003460-004
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OAR ACCESS NO.....003460-005
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OAR ACCESS NO.....001793-085
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INSTR...AF-49(638)-01389
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BY MORSON H C JR
INSTR...AF-AFOSR-1049-66
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BY PRIGOGINE I
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OAR ACCESS NO.....017041-005
BY VON ELBE G
MCHALE E T
BYONE J H
FRIEDMAN R
LEVY J B
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INSTR...AF-49(638)01685
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OAR ACCESS NO.....004790-002
BY DASTMEL E K
NIESSEN W R
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INSTR...AF-49(638)01120
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BY COUNTNEY W G
CARUSO R
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BY FOCEY A C
DASTRESS E K
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INSTR...AF-49(638)01120
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UNIVERSITY OF MARYLAND
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OAR ACCESS NO.....018100-001
BY DAI S I
DOC NUMBER.....AD651314
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OAR ACCESS NO.....000084-002
BY ST JOHN R M
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INSTR...AF-AFOSR-0252-65
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CONVERGENCE RATES IN THE LAW OF LARGE NUMBERS
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OAR ACCESS NO.....015680-005
BY HANSON D L
DOC NUMBER.....AD651501
INSTR...AF-AFOSR-0746-65
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OAR ACCESS NO.....015680-006
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INSTR...AF-AFOSR-0302-64
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INSTR...AF-49(638)01359
PROJECT/TASK.....9760/00

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INSTR...AF-AFOSR-0255-65
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OAR ACCESS NO.....018291-001
BY ROSSMANN T G
WOOD L N
DDC NUMBER.....AD656775
INSTR...AF-49/638/01498
PROJECT/TASK.....9711/01

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INSTR...AF-EOAR -0022-65
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OAR ACCESS NO.....015900-001
BY LIU A P L
DDC NUMBER.....AD651857
INSTR...AF-49/638/01237
PROJECT/TASK.....9717/00

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OAR ACCESS NO.....015900-002
BY KING V V S
DDC NUMBER.....AD651564
INSTR...AF-49/638/01237
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OAR ACCESS NO.....015900-003
BY DURHAM F G
DDC NUMBER.....AD651556
INSTR...AF-49/638/01237
PROJECT/TASK.....9717/00

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OAR ACCESS NO.....015900-004
BY DURHAM F G
DDC NUMBER.....AD651559
INSTR...AF-49/638/01237
PROJECT/TASK.....9717/00

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OAR ACCESS NO.....015900-005
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OAR ACCESS NO.....015900-006
BY WEINBERG E A
DDC NUMBER.....AD651617
INSTR...AF-49/638/01237
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OAR ACCESS NO.....018900-008
BY MENIKER P
DDC NUMBER.....AD651866
INSTR...AF-49/638/01237
PROJECT/TASK.....9717/00

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OAR ACCESS NO.....018900-009
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DDC NUMBER.....AD651583
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MASSACHUSETTS INSTITUTE OF TECHNOLOGY
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OAR ACCESS NO.....015900-011
BY KING V V S
DDC NUMBER.....AD651994
INSTR...AF-49/638/01237
PROJECT/TASK.....9717/00

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OAR ACCESS NO.....015900-012
BY DURHAM F G
DDC NUMBER.....AD651855
INSTR...AF-49/638/01237
PROJECT/TASK.....9717/00

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OAR ACCESS NO.....015900-013
BY LIU A P L
DDC NUMBER.....AD651553
INSTR...AF-49/638/01237
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OAR ACCESS NO.....015900-014
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DDC NUMBER.....AD651565
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OAR ACCESS NO.....001324-001
BY HARARI O
BARUCH M
DDC NUMBER.....AD649867
INSTR...AF-61/052/00905
PROJECT/TASK.....9782/01

AFOSR 67-0968
CARNEGIE INSTITUTE OF TECHNOLOGY
DISLOCATION DISTRIBUTION IN DEFORMED SILVER SINGLE CRYSTALS
CAN J PHYS V45 PP1017-1030 1967
OAR ACCESS NO.....018440-001
BY ROBINSON W H
NOON D N
DDC NUMBER.....AD651690
INSTR...AF-AFOSR-0485-66
PROJECT/TASK.....9763/01

AFOSR 67-0969
UNIVERSITY OF MICHIGAN
NEURONS OF THE MEDIAL DIENCEPHALON II EXCITATION OF CENTRAL ORIGIN
J NEUROPHYSIOL V30 PP81-97 1967
OAR ACCESS NO.....004272-007
BY KNAUTHAMER G
FELTZ P
FESSARD D A
DDC NUMBER.....AD651672
INSTR...AF-EOAR -0013-63
PROJECT/TASK.....9777/01

AFOSR 67-0970
UNIVERSITY OF MICHIGAN
NEURONS OF THE MEDIAL DIENCEPHALON I SOMATOSENSORY RESPONSES AND CAUDATE INHIBITION
J NEUROPHYSIOL V30 PP59-80 1967
OAR ACCESS NO.....006972-001
BY PELTZ P
KRAUTHAMER G
FESSARD D A
DDC NUMBER.....AD651671
INSTR...AF-EOAR -0013-63
PROJECT/TASK.....9777/01

AFOSR 67-0971
UNIVERSITY OF CALIFORNIA
SOLUTION OF THE EXCHANGE-SCATTERING PROBLEM WITHOUT INADMISSIBLE COMPLEX POLES
PHYSICS V3 N1 PP17-34 1967
OAR ACCESS NO.....008461-028
BY SUHL H
WONG D
DDC NUMBER.....AD651693
INSTR...AF-AFOSR-0610-66
PROJECT/TASK.....9761/01

AFOSR 67-0972
KENT STATE UNIVERSITY
PROCEEDINGS OF THE INTERNATIONAL LIQUID CRYSTAL CONFERENCE--PART I AT KENT STATE UNIVERSITY AUGUST 16-20 1965
MOL CRYSTALS V1 N2 PP201-349 APR 1966
OAR ACCESS NO.....020390-002
BY DIENES G J
LABES M M
DDC NUMBER.....AD651679
INSTR...AF-AFOSR-0971-65
PROJECT/TASK.....9780/01

AFOSR 67-0973
KENT STATE UNIVERSITY
PROCEEDINGS OF THE INTERNATIONAL LIQUID CRYSTAL CONFERENCE--PART II AT THE KENT STATE UNIVERSITY AUGUST 16-20 1965
MOL CRYSTALS V1 N4 PP457-580 SEP 1966
OAR ACCESS NO.....020390-003
BY DIENES G J
LABES M M
DDC NUMBER.....AD651680
INSTR...AF-AFOSR-0971-65
PROJECT/TASK.....9780/01

AFOSR 67-0974
KENT STATE UNIVERSITY
PROCEEDINGS OF THE INTERNATIONAL LIQUID CRYSTAL CONFERENCE--PART III AT KENT STATE UNIVERSITY AUGUST 16-20 1965
MOL CRYSTALS V2 NS1 2 PP1-196 DEC 1966
OAR ACCESS NO.....020390-004
BY DIENES G J
LABES M M
DDC NUMBER.....AD651728
INSTR...AF-AFOSR-0971-65
PROJECT/TASK.....9780/01

AFOSR 67-0975
UNIVERSITY COLLEGE
THE LAMBDA-METHOD FOR LINEAR BOUNDARY VALUE PROBLEMS
OAR ACCESS NO.....001653-001
BY KELLY G V
QUINLAN P M
DDC NUMBER.....AD656391
INSTR...AF-EOAR -0060-65
PROJECT/TASK.....9749/01

AFOSR 67-0976
NEW YORK UNIVERSITY
CONSTRUCTION OF STEADY STATE HYDROMAGNETIC DYNAMOS II THE SPHERICAL CONDUCTOR
MF-54 30 MARCH 1967
OAR ACCESS NO.....008274-002
BY CHILDRESS S
DDC NUMBER.....AD653803
INSTR...AF-AFOSR-0815-67
PROJECT/TASK.....9749/01

AFOSR 67-0977
LITTON SYSTEMS INC
RESEARCH ON ELECTROMAGNETIC PLASMA ACCELERATION VOL II-AN INVESTIGATION OF THE VARIOUS PLASMA DISCHARGES SURROUNDING A SOLENOIDAL COIL EXCITED WITH CURRENT AT 4 MC FINAL REPORT
OAR ACCESS NO.....014930-001
BY PENFOLD A S
DDC NUMBER.....AD651601
INSTR...AF-49/638/01251
PROJECT/TASK.....9752/01

AFOSR 67-0979
LITTON SYSTEMS INC
RESEARCH ON ELECTROMAGNETIC PLASMA ACCELERATION VOL I THE DEVELOPMENT OF A Cs TRAVELING WAVE ACCELERATOR FOR THE PRODUCTION OF PINCHED PLASMA TOROIDS FINAL REPORT JAN 1967
OAR ACCESS NO.. ..014930-002
BY PENFOLD A S
DDC NUMBER.....AD651595
INSTR...AF-49/638/01251
PROJECT/TASK.....9752/01

AFOSR 67-0980
WESTAT RESEARCH INC
ASSOCIATIVE ADJUSTMENTS TO REDUCE ERRORS IN DOCUMENT SCREENING FINAL REPORT MARCH 1967
OAR ACCESS NO.....018801-001
BY BRYANT E C
WEINMAN D G
SEARLS D T
DDC NUMBER.....AD651630
INSTR...AF-49/638/01671
PROJECT/TASK.....9769/02

AFOSR 67-0981
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
A SIMPLE LABORATORY MODEL FOR THE OCEANIC CIRCULATION
J FLUID MECH V27 PT 2 PP291-304 1967
OAR ACCESS NO.....003702-001
BY PEDLOSKY J
GREENSPAN H P
DDC NUMBER.....AD651692
INSTR...AF-AFOSR-0492-66
PROJECT/TASK.....9749/01

AFOSR 67-0982
UNIVERSITY OF ILLINOIS
COMPUTATION IN NEURAL NETS
CURRENTS IN MODERN BIOLOGY V1 N1 PP47-63 1967
OAR ACCESS NO.....012153-001
BY POENSTEN H V
DDC NUMBER.....AD651673
INSTR...AF-AFOSR-0007-67
PROJECT/TASK.....9769/04

AFOSR 67-0983
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
INSERTION OF CCL2 INTO THE SILICON-CARBON BOND OF SILACYCLOBUTANES
J AM CHEM SOC V89 N6 PP1538-1540 15 MAR 1967
OAR ACCESS NO.....014231-010
BY SEYFERTH D
DAMRAUER R
WASHBURNE S S
DDC NUMBER.....AD651747
INSTR...AF-AFOSR-0502-66
PROJECT/TASK.....9762/02

AFOSR 67-0984
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
MAGNETOACOUSTIC ATTENUATION IN HIGH-FIELD SUPERCONDUCTORS
PHYS REV V154 N2 PP 379-385 10 FEB 1967
OAR ACCESS NO.....007911-101
BY SHAPIRA Y
NEURINGER L J
DDC NUMBER.....AD651840
INSTR...AF-49/638/01468
PROJECT/TASK.....9764/01

AFOSR 67-0985
PRINCETON UNIVERSITY
THE PRESENT STATE OF PLASMA KINETIC THEORY
PROC SYM APPL MATH V18 MAGNETO-FLUID AND PLASMA DYNAMICS AM MATH SOC PP257-268 1967
OAR ACCESS NO.....016500-007
BY FRIEMAN E A
DDC NUMBER.....AD651829
INSTR...AF-49/638/01555
PROJECT/TASK.....9767/03

AFOSR 67-0986
TEXAS INSTRUMENTS INCORPORATED
MICROWAVE SATURATION OF PARAELECTRIC-RESONANCE TRANSITIONS OF OH IONS IN KCL
SOLID STATE COMMUN V4 N12 PP639-642 1966
OAR ACCESS NO.....014680-007
BY SCHEARER L D
FSTLE T L
DDC NUMBER.....AD651836
INSTR...AF-49/638/01250
PROJECT/TASK.....9761/03

AFOSR 67-0987
NEW YORK UNIVERSITY
LINGUISTIC SPECIFICATION AND ANALYSIS OF CLASSES OF PATTERNS
TECHNICAL REPORT 400-147 OCT 1966
OAR ACCESS NO.....010114-004
BY FEDER J
DDC NUMBER.....AD651606
INSTR...AF-AFOSR-0024-66
PROJECT/TASK.....9769/02

AFOSR 67-0988
SYRACUSE UNIVERSITY
INTERACTION OF PLASMAS WITH HIGH INTENSITY R-F FIELDS FINAL REPORT FEB 1967
OAR ACCESS NO.....013631-001
BY KENT G
HEINTZ R E
MENDELOVICZ E
DDC NUMBER.....AD651608
INSTR...AF-49/638/01374
PROJECT/TASK.....9752/01

AFOSR 67-0989
UNIVERSITY OF ROCHESTER
A PULSED-BEAM FACILITY FOR THE UNIVERSITY OF ROCHESTERS MP TANDEM
FEBRUARY 1967
OAR ACCESS NO.....021180-001
BY PUHSER K H
BAHNSEN A
KRICK M S
DDC NUMBER.....AD651569
INSTR...AF-49/638/01707
PROJECT/TASK.....9751/02

AFOSR 67-0990
UNIVERSITY OF GEORGIA
ORGANOSULFUR DERIVATIVES OF THE METAL CARBONYLS IX SOME TRANSITION METAL DERIVATIVES CONTAINING BOTH PI-CYCLOPENTADIENYL AND BIS(TRIFLUOROMETHYL)ETHYLENE DITHIOLATE LIGANDS
INORG CHEM V6 N3 PP469-479 MAR 1967
DAR ACCESS NO.....019080-016
DOC NUMBER.....AD652118
BISNETTE M B — INSTRN...AF-AFOSR-0550-66
PROJECT/TASK.....9710/02

AFOSR 67-0991
STEVENS INSTITUTE OF TECHNOLOGY
MEASUREMENT OF ROTATIONAL-VELOCITY AND ION-DENSITY PROFILES IN PLASMA VORTICES
INTERN CONF PHENOMENA IN IONIZED GASES 7TH V2 PP 161-166 BEOGRAD 1966
DAR ACCESS NO.....009033-002
BY BOSTICK W A; EMMERT G; FAUBER C; GRUNBERGER L; JEHMARIAN A
DOC NUMBER.....AD651968
INSTRN...AF-AFOSR-0865-65
PROJECT/TASK.....9752/01

AFOSR 67-0992
INNSBRUCK UNIVERSITY
NON-IDEAL MGD FLOWS IN BOUNDARY LAYER APPROXIMATION
5 MARCH 1967
DAR ACCESS NO.....013281-001
BY FRIEDEL H
DOC NUMBER.....AD651670
INSTRN...F61052-67-C-0014
PROJECT/TASK.....9752/01

AFOSR 67-0993
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
CXP INSERTION INTO THE SILICON-MERCURY AND GERMANIUM-MERCURY BONDS
J ORGANOMETAL CHEM V7 PP20-21 1967
DAR ACCESS NO.....014231-011
BY SEYFERTH D; CROSS R J; PROKAI B
DOC NUMBER.....AD651851
INSTRN...AF-AFOSR-0802-66
PROJECT/TASK.....9762/02

AFOSR 67-0994
STD RESEARCH CORPORATION
OHMS LAW IN MULTICOMPONENT NONISOTHERMAL PLASMAS WITH TEMPERATURE AND PRESSURE GRADIENTS
PHYS FLUIDS V9 N11 PP2136-2149 NOV 1966
DAR ACCESS NO.....015581-001
BY DEMETRIADES S T; ANGYNOPOULOS G S
DOC NUMBER.....AD652295
INSTRN...AF-49(638)01894
PROJECT/TASK.....9752/01

AFOSR 67-0996
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
GROUP RINGS OVER DEDEKIND DOMAINS
J ALGEBRA V5 N1 PP358-361 MAR 1967
DAR ACCESS NO.....000451-016
BY LARSON R G
INSTRN...AF-AFOSR-0335-63
PROJECT/TASK.....9749/02

AFOSR 67-0996
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
GROUP RINGS OVER DEDEKIND DOMAINS
J ALGEBRA V5 N3 PP358-361 MAR 1967
DAR ACCESS NO.....000451-016
BY LARSON R G
DOC NUMBER.....651853
INSTRN...AF-AFOSR-0335-63
PROJECT/TASK.....9749/02

AFOSR 67-0997
BROWN UNIVERSITY
A LIAPUNOV METHOD FOR THE ESTIMATION OF STATISTICAL AVERAGES
J DIFFERENTIAL EQUATIONS V2 N4 PP365-377 OCT 1966
DAR ACCESS NO.....019591-005
BY WONHAM W M
DOC NUMBER.....AD651840
INSTRN...AF-AFOSR-0693-65
PROJECT/TASK.....9749/01

AFOSR 67-0998
GEORGE WASHINGTON UNIVERSITY
AN EXTENSION OF AN INFORMATION - THEORETIC DERIVATION OF CERTAIN LIMIT RELATIONS FOR A MARKOV CHAIN
J SIAM CONTROL V5 N1 PP51-53 1967
DAR ACCESS NO.....010120-003
BY KULLBACK S
DOC NUMBER.....AD651350
INSTRN...AF-AFOSR-0932-65
PROJECT/TASK.....9749/02

AFOSR 67-0999
CORNELL UNIVERSITY
APPROXIMATE CALCULATION OF HIGHLY UNDEREXPANDED JETS
AIAA J V4 N10 PP1877-1879 OCT 1966
DAR ACCESS NO.....001062-005
BY HUBBARD E N
DOC NUMBER.....AD649211
INSTRN...AF-49(638)01346
PROJECT/TASK.....9783/02

AFOSR 67-1000
UNIVERSITY OF MARYLAND
QUASI-ONE-DIMENSIONAL ANALYSIS OF MAGNETOGASDYNAMICS
ELEC MHD V1 PP283-296 1966
DAR ACCESS NO.....020730-001
BY PAI S I
INSTRN...AF-AFOSR-1015-66
PROJECT/TASK.....9783/02

AFOSR 67-1000
UNIVERSITY OF MARYLAND
QUASI-ONE-DIMENSIONAL ANALYSIS OF MAGNETOGASDYNAMICS
ELEC MHD V1 PP283-296 1966
DAR ACCESS NO.....020730-002
BY PAI S I
DOC NUMBER.....AD651824
INSTRN...AF-AFOSR-1015-66
PROJECT/TASK.....9783/02

AFOSR 67-1001
PURDUE UNIVERSITY
COMBUSTION PRESSURE OSCILLATIONS IN AN UNMIXED GAS ROCKET MOTOR
J SPACECRAFT ROCKETS V3 N11 PP1680-1682 NOV 1966
DAR ACCESS NO.....006871-003
BY BONNELL J M; OSBORN J R
DOC NUMBER.....AD652121
INSTRN...AF-AFOSR-0360-62
PROJECT/TASK.....9711/01

AFOSR 67-1002
UNIVERSITY OF MARYLAND
BOUND STATES OF A RELATIVISTIC TWO-BODY HAMILTONIAN COMPARISON WITH THE BETHE-SALPETER EQUATION
PHYS REV V163 NS PP1496-1501 25 JAN 1967
DAR ACCESS NO.....002223-004
BY SUN N D; SUCHER J
DOC NUMBER.....AD651825
INSTRN...AF-AFOSR-0500-66
PROJECT/TASK.....9751/01

AFOSR 67-1003
TECHNION ISRAEL INST OF TECH
DISCONTINUOUS YIELDING OF COMMERCIALLY-PURE ALUMINIUM
J MECH PHYS SOLIDS V15 PP 63-77 1967
DAR ACCESS NO.....022830-004
BY BODNER S R; ROSEN A
DOC NUMBER.....AD652082
INSTRN...AF-61(052)00951
PROJECT/TASK.....9782/02

AFOSR 67-1004
KANSAS STATE UNIVERSITY
SECONDARY TASK INTERFERENCE IN THE PERFORMANCE OF TRACKING TASKS
J EXPTL PSYCHOL V73 N2 PP232-240 1967
DAR ACCESS NO.....008781-004
BY TRUMBO D; NOBLE M; SWINK J
DOC NUMBER.....AD682056
INSTRN...AF-AFOSR-0526-64
PROJECT/TASK.....9778/01

AFOSR 67-1005
UNIVERSITY OF CHICAGO
A COMPILATION OF BINDING ENERGY VALUES OF LIGHT HYPERNUCLEI
NUCL PHYS B1 PP105-113 1967
DAR ACCESS NO.....001783-002
BY GAJEWSKI W; MAYEUR C; SACTON J; VILAIN P; WILQUET G
DOC NUMBER.....AD651847
INSTRN...AF-49(638)01652
PROJECT/TASK.....9751/01

AFOSR 67-1006
MELLON INSTITUTE
ON STEREOSEQUENCE DISTRIBUTIONS FROM ANIONIC POLYMERIZATIONS
POLYMER LETTERS V4 PP1029-1032 1966
DAR ACCESS NO.....015271-001
BY COLEMAN B D; FOX T G; REINMOLLER M
DOC NUMBER.....AD651828
INSTRN...AF-AFOSR-0728-66
PROJECT/TASK.....9749/01

AFOSR 67-1007
JOHNS HOPKINS UNIVERSITY
AN EXPERIMENTAL STUDY OF THE DOUBLE SLIP DEFORMATION HYPOTHESIS FOR FACE-CENTRED CUBIC SINGLE CRYSTALS
PHIL MAG V15 N135 PP 469-476 MAR 1967
DAR ACCESS NO.....005400-008
BY HELL J F; GREEN R E JR
DOC NUMBER.....AD651833
INSTRN...AF-49(638)01067
PROJECT/TASK.....9782/01

AFOSR 67-1008
KANSAS STATE UNIVERSITY
TASK PREDICTABILITY AND THE DEVELOPMENT OF TRACKING SKILL UNDER EXTENDED PRACTICE
J EXPTL PSYCHOL V72 N1 PP85-94 1966
DAR ACCESS NO.....008781-005
BY NOBLE M; TRUMBO D; ULRICH L; CROSS K
DOC NUMBER.....AD652049
INSTRN...AF-AFOSR-0526-64
PROJECT/TASK.....9778/01

AFOSR 67-1009
WESTINGHOUSE ELECTRIC CORPORATION
HIGH-FREQUENCY PARAMAGNETIC-RESONANCE STUDIES OF TRIVALENT DYSPROSIUM IN CALCIUM FLUORIDE
PHYS REV V153 N2 PP349-354 10 JAN 1967
OAR ACCESS NO.....018620-001
BY MERDERIAN D — DDC NUMBER.....AD652298
MANROP I M — INSTR...AF-49(638)01537
STOMBLEN M P — PROJECT/TASK.....9763/02
KPIKURIAN K C

AFOSR 67-1010
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
MAGNETIC PROPERTIES OF SUPERCONDUCTING MOLYBDENUM-RHENIUM ALLOYS
PHYS REV V153 N2 PP487-492 JAN 1967
OAR ACCESS NO.....007911-102
BY LERNER E — DDC NUMBER.....AD652132
DAUNT J G — INSTR...AF-49(638)01468
MAXWELL E — PROJECT/TASK.....9764/00

AFOSR 67-1011
POLYTECHNIC INSTITUTE OF BROOKLYN
INFLUENCE OF TRANSVERSE SHEAR AND EDGE CONDITION ON NONLINEAR VIBRATION AND DYNAMIC BUCKLING OF HOMOGENEOUS AND SANDWICH PLATES
J APPL MECH DEC 1966
OAR ACCESS NO.....005558-011
BY YU Y Y — DDC NUMBER.....AD652081
LAI J L — INSTR...AF-49(638)01290
PROJECT/TASK.....9782/01

AFOSR 67-1012
UNIVERSITY OF MISSOURI
MAXIMUM LIKELIHOOD ESTIMATION OF THE DISTRIBUTIONS OF TWO STOCHASTICALLY ORDERED RANDOM VARIABLES
J AM STATIST ASSOC V61 PP1067-1080 DEC 66
OAR ACCESS NO.....015680-007
BY BRUNK H D — DDC NUMBER.....AD651873
FRANCK W E — INSTR...AF-AFOSR-0746-65
HANSON D L — PROJECT/TASK.....9749/02
HOGG R V

AFOSR 67-1013
CALIFORNIA INSTITUTE OF TECHNOLOGY
THE RELATION BETWEEN THE ELECTRONIC OSCILLATOR STRENGTH AND THE WAVELENGTH FOR DIATOMIC MOLECULES
J QUANT SPECTR RADIATIVE TRANSFER V7 PP169-183 1967
OAR ACCESS NO.....000581-010
BY SCHADEE A — DDC NUMBER.....AD652141
INSTR...AF-49(638)01323
PROJECT/TASK.....9774/01

AFOSR 67-1014
UNIVERSITY OF CALIFORNIA
THE NEUROPHYSIOLOGY OF ANESTHESIA
ANESTHESIOLOGY V28 N1 PP65-80 JAN-FEB 1967
OAR ACCESS NO.....009322-009
BY WINTERS W D — DDC NUMBER.....AD651835
MORI K — INSTR...AF-49(638)01387
SPOONER C E — PROJECT/TASK.....9777/01
BAUER R O

AFOSR 67-1015
UNIVERSITY OF MISSOURI
ON THE OSCILLATION OF SUMS OF RANDOM VARIABLES
PROC AM MATH SOC V17 N4 PP864-865 AUG 66
OAR ACCESS NO.....015680-008
BY HANSON D L — DDC NUMBER.....AD651875
KATZ M — INSTR...AF-AFOSR-0746-65
PROJECT/TASK.....9749/02

AFOSR 67-1016
UNIVERSITY OF CHICAGO
QUANTIZED VORTEX RINGS IN ROTATING HELIUM II
PHYS REV LETTERS V17 N21 PP1088-1090 21 NOV 1966
OAR ACCESS NO.....016590-012
BY SCHWARZ K W — DDC NUMBER.....AD652124
DONNELLY R J — INSTR...AF-AFOSR-0785-65
PROJECT/TASK.....9767/01

AFOSR 67-1017
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
EFFECT OF PARAMAGNETISM AND SPIN-ORBIT SCATTERING ON H SUB CSUB 2 OR ZIRCONIUM-NIOBIUM ALLOYS
PHYS LETTERS V23 N11 PP629-631 12 DEC 1966
OAR ACCESS NO.....007911-103
BY WILLIAMSON S J — DDC NUMBER.....AD651841
INSTR...AF-49(638)01468
PROJECT/TASK.....9764/00

AFOSR 67-1018
UNIVERSITY OF MICHIGAN
SOME CRITICAL REMARKS ON A NEW NUMERICAL METHOD FOR SIMULATION OF DYNAMICAL SYSTEMS
SIMULATION V6 N2 PP90-91 FEB 66
OAR ACCESS NO.....018821-004
BY GILBERT E G — DDC NUMBER.....AD652136
INSTR...AF-AFOSR-0814-65
PROJECT/TASK.....9749/01

AFOSR 67-1019
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
INTERBAND MAGNETOABSORPTION IN INDIUM ARSENICIDE AND INDIUM ANTIMONIDE
PHYS REV V154 N3 PP737-742 FEB 1967
OAR ACCESS NO.....007911-104
BY PIDGEON C R — DDC NUMBER.....AD651839
MITCHELL D L — INSTR...AF-49(638)01468
BROWN R N — PROJECT/TASK.....9764/00

AFOSR 67-1020
BUREAU OF SOCIAL SCIENCE RESEARCH
LIFE AND DEATH IN EXTREME CAPTIVITY SITUATIONS
PSYCHOLOGICAL STRESS M H APPLEY R THUMBULL EDS MEREDITH PUBL CO NY PP242-277 1967
OAR ACCESS NO.....005770-002
BY BIDERMAN A D — DDC NUMBER.....AD651845
INSTR...AF-49(638)00727
PROJECT/TASK.....9779/01

AFOSR 67-1021
YESHIVA UNIVERSITY
HAMILTON-JACOBI QUANTIZATION OF GENERAL RELATIVITY
PHYS REV V153 N5 PP1385-1387 25 JAN 1967
OAR ACCESS NO.....017090-003
BY KOMAR A — DDC NUMBER.....AD652131
INSTR...AF-AFOSR-0816-65
PROJECT/TASK.....9767/04

AFOSR 67-1022
SOUTHWEST RESEARCH INSTITUTE
WAVE PROPAGATION IN THIN RODS WITH QUIESCENT TEMPERATURE GRADIENTS
J APPL MECH SEP 1966
OAR ACCESS NO.....010351-001
BY FRANCIS P H — DDC NUMBER.....AD651827
INSTR...AF-49(638)01485
PROJECT/TASK.....9782/01

AFOSR 67-1023
DARTMOUTH COLLEGE
PERIODIC VORTICITY AND ITS EFFECT ON JET MIXING
PHYS FLUIDS V9 N8 PP1555-1560 AUG 1966
OAR ACCESS NO.....021960-001
BY MCCORMACK P D — DDC NUMBER.....AD652435
COCHRAN D — INSTR...AF-AFOSR-1101-66
CRANE L — PROJECT/TASK.....9713/01

AFOSR 67-1024
MOBIL OIL CORPORATION
PLASMA DENSITY MEASUREMENT BY MOLECULAR ION BREAKUP
REV SCI INSTR V38 N1 PP142-143 JAN 1967
OAR ACCESS NO.....016260-006
BY HICKOK R L — DDC NUMBER.....AD652135
INSTR...AF-49(638)01500
PROJECT/TASK.....9752/01

AFOSR 67-1025
RENSSELAER POLYTECHNIC INSTITUTE
FORCED OSCILLATION OF A SECOND ORDER RELAY SYSTEM WITH DAMPING
J FRANKLIN INST V282 N5 PP298-302 NOV 66
OAR ACCESS NO.....014570-001
BY FLEISHMAN B A — DDC NUMBER.....AD651834
INSTR...AF-AFOSR-0549-66
PROJECT/TASK.....9749/01

AFOSR 67-1026
UNIVERSITY OF MINNESOTA
ACID-BASE INDICATOR CONSTANTS IN ACETONITRILE
ANAL CHEM V39 N3 PP315-320 MAR 1967
OAR ACCESS NO.....012231-004
BY KOLTHOFF I M — DDC NUMBER.....AD652125
CHANTOONI M K JR — INSTR...AF-AFOSR-0028-65
BHOWMIK S — PROJECT/TASK.....9710/03

AFOSR 67-1027
KANSAS STATE UNIVERSITY
THE ORGANIZATION OF SKILLED RESPONSE
ORGAN BEHAVIOR HUMAN PERFORMANCE V2 N1 PP1-25 FEB 1967
OAR ACCESS NO.....006781-006
BY NOBLE M — DDC NUMBER.....AD652122
TRUMBO D — INSTR...AF-AFOSR-0526-66
PROJECT/TASK.....9778/01

AFOSR 67-1028
UNIVERSITY OF CALIFORNIA
CONTINUOUS GAS MIXING BY THE USE OF CRITICAL FLOW THROUGH SMALL DIAMETER TUBES
REPORT NO AS-67-3 MARCH 1967
OAR ACCESS NO.....001935-002
BY KAMEL M M
LUNDSTROM E A
DDC NUMBER.....AD651037
INSTR...AF-AFOSR-0129-67
PROJECT/TASK.....9711/01

AFOSR 67-1029
KANSAS STATE UNIVERSITY
THE CRYSTALLOGRAPHY OF SOLID NITROGEN OXIDES SUCH AS HYPONITRITE FINAL REPORT APRIL 1967
OAR ACCESS NO.....007901-001
BY DRAGSDORF R D
STUCKY G L
LAMBERT J L
FOXE C L
HOLLIS R L
DDC NUMBER.....AD651647
INSTR...AF-AFOSR-0293-63
PROJECT/TASK.....9710/01

AFOSR 67-1030
PRINCETON UNIVERSITY
PROPAGATION OF CORRELATIONS IN A BOLTZMANN GAS
J MATH PHYS V7 N12 PP2153-2170 DEC 66
OAR ACCESS NO.....016500-008
BY FRIEMAN E A
GOLDMAN R
DDC NUMBER.....AD652143
INSTR...AF-49(638)-01555
PROJECT/TASK.....9769/03

AFOSR 67-1031
ISRAEL INSTITUTE OF TECHNOLOGY
QUANTUM THEORY OF AC MAGNETORESISTANCE
PHYS REV V148 N2 PP548-557 12 AUG 66
OAR ACCESS NO.....016340-001
BY WOLMAN D
RON A
DDC NUMBER.....AD651995
INSTR...AF-EOAR -0026-65
PROJECT/TASK.....9761/01

AFOSR 67-1032
UNIVERSITA DEGLI STUDI DI NAPLES
ON STRONG SMALL PERTURBATION SOLUTIONS FOR STEADY SUPERSONIC FLOWS OF INERT OR REACTING MIXTURES
ISRAEL J TECHNOL V5 N1-2 PP170-179 1967
OAR ACCESS NO.....008031-002
BY NAPOLITANO L G
DDC NUMBER.....AD652128
INSTR...AF-61(052)-00853
PROJECT/TASK.....9781/02

AFOSR 67-1033
UNIVERSITY OF BIRMINGHAM
DEVICE FOR ATHERMAL AND ISOTHERMAL ELECTRICAL RESISTIVITY IN THE RANGE-186 TO 400DEGREES C
J SCI INSTR V44 PP75-76 JAN 1967
OAR ACCESS NO.....012980-001
BY BROOKES M E
SMITH R B
DDC NUMBER.....AD652026
INSTR...AF-EOAR -0067-63
PROJECT/TASK.....9763/01

AFOSR 67-1034
UNIVERSITY OF SHEFFIELD
MICROBIAL GROWTH ON C1 COMPOUNDS UPTAKE OF /14SUP/ FORMALDEHYDE AND /14SUP/FORMATE BY METHANE-GROWN PSEUDOMONAS METHANICA AND DETERMINATION OF THE HEXOSE BIOCHEM J V102 N96 PP96-102 1967
OAR ACCESS NO.....000843-005
BY KEMP M J
QUAYLE J R
DDC NUMBER.....AD652023
INSTR...AF-EOAR -0004-66
PROJECT/TASK.....9771/01

AFOSR 67-1035
CALIFORNIA STATE COLLEGE
SOME TRANSFORMATIONS OF THE ONSAGER RELATIONS OF NONEQUILIBRIUM THERMODYNAMICS
J APPL PHYS V37 N13 PP4753-4757 DEC 1966
OAR ACCESS NO.....016640-002
BY LEE J S
EL-SAUEN M R
DDC NUMBER.....AD652033
INSTR...AF-AFOSR-0803-65
PROJECT/TASK.....9763/02

AFOSR 67-1036
UNIVERSITY OF FLORIDA
MEASUREMENT OF THE DAMPING CONSTANT AND A-PARAMETERS OF SEVERAL ELEMENTS IN SEVERAL HYDROGEN AND ACETYLENE-OXYGEN FLAMES USING AN ABSORPTION METHOD
J QUANT SPECTRY RADIATIVE TRANSFER V7 PP261-277 1967
OAR ACCESS NO.....020430-007
BY MCGEE W G
DE GALAN L
DDC NUMBER.....AD652040
INSTR...AF-AFOSR-1033-66
PROJECT/TASK.....9710/03

AFOSR 67-1037
FLORIDA STATE UNIVERSITY
SEQUENCE PEPTIDE POLYMERS II POLY GLU /DH/ GLY POLY GLU /DH/ - SER /H/ -GLY AND THEIR BENZYL ESTERS
J AM CHEM SOC V89 N8 PP1994-1004 15 FEB 1967
OAR ACCESS NO.....010611-005
BY DEFAN D F
VAJDA T
DDC NUMBER.....AD652430
INSTR...AF-AFOSR-0629-66
PROJECT/TASK.....9762/02

AFOSR 67-1038
UNIVERSITY OF FLORIDA
MEASUREMENT OF THE FREE ATOM FRACTION OF 22 ELEMENTS IN AN ACETYLENE--AIR FLAME
J QUANT SPECTRY RADIATIVE TRANSFER V7 PP261-280 1967
OAR ACCESS NO.....020430-008
BY DE GALAN L
WINEFORDNER J D
DDC NUMBER.....AD652432
INSTR...AF-AFOSR-1033-66
PROJECT/TASK.....9710/03

AFOSR 67-1039
CALIFORNIA STATE COLLEGE
TRANSPORT PROCESSES IN MAGNETOSOLIDMECHANICS
J APPL MECH V33 N4 PP770-776 DEC 1966
OAR ACCESS NO.....016640-003
BY EL-SAUEN M R
ARNAS O A
DDC NUMBER.....AD652638
INSTR...AF-AFOSR-0808-65
PROJECT/TASK.....9763/02

AFOSR 67-1040
STANFORD UNIVERSITY
A MAXIMUM-SIGNAL THEOREM FOR THE SPATIALLY COHERENT DETECTION OF SCATTERED RADIATION
IEEE TRANS ANTENNAS PROPAGATION VAP-15 N1 PP192-194 JAN 1967
OAR ACCESS NO.....006753-003
BY SIEGMAN A E
DDC NUMBER.....AD652292
INSTR...AF-49(638)-01525
PROJECT/TASK.....9767/02

AFOSR 67-1041
UNIVERSITY OF PITTSBURGH
NUCLEAR ZEEMAN-DIPOLAR CROSS RELAXATION TIMES
PHYS LETTERS V24A N1 PP49-50 2 JAN 1967
OAR ACCESS NO.....0 C
BY CLOUGH S
DDC NUMBER.....639
INSTR...AF-AFOSR-[illegible]6
PROJECT/TASK.....9763/

AFOSR 67-1042
BROWN UNIVERSITY
ON THE MINIMAL SETS OF NON-SINGULAR VECTOR FIELDS
ANN MATH V84 N3 PP529-536 NOV 1966
OAR ACCESS NO.....019591-006
BY WILSON F W JR
DDC NUMBER.....AD651862
INSTR...AF-AFOSR-0693-65
PROJECT/TASK.....9749/01

AFOSR 67-1043
UNIVERSITY OF PITTSBURGH
NUCLEAR SPIN RELAXATION IN A ROTATING TILTED REFERENCE FRAME
PHYS REV V153 N2 PP355-357 10 JAN 1967
OAR ACCESS NO.....003173-003
BY CLOUGH S
DDC NUMBER.....AD652048
INSTR...AF-AFOSR-0196-66
PROJECT/TASK.....9763/03

AFOSR 67-1044
CORNELL UNIVERSITY
VISCOUS-TRANSONIC FLOW IN THE ACCRETION AND STELLAR-WIND PROBLEMS
ASTROPHYS J V147 N1 PP230-234 JAN 1967
OAR ACCESS NO.....007443-009
BY AXFORD W I
NEWMAN R C
DDC NUMBER.....AD652190
INSTR...AF-49(638)-01527
PROJECT/TASK.....9767/02

AFOSR 67-1045
CORNELL UNIVERSITY
RELATIVISTIC SPINOR FORMULATION OF STOKES PARAMETERS WITH APPLICATION TO THE INVERSE COMPTON EFFECT
J MATH PHYS V7 N11 PP1915-1923 NOV 1966
OAR ACCESS NO.....007642-006
BY DEYOUNG D S
DDC NUMBER.....AD652021
INSTR...AF-AFOSR-0321-63
PROJECT/TASK.....9767/02

AFOSR 67-1046
STANFORD UNIVERSITY
ON MEASURES EQUIVALENT TO WIENER MEASURE
ANN MATH STATISTICS V38 N1 PP261-263 FEB 1967
OAR ACCESS NO.....017360-006
BY KAILATH T
DDC NUMBER.....AD652289
INSTR...AF-49(638)-01517
PROJECT/TASK.....9749/01

AFOSR 67-1047
UNIVERSITY OF CALIFORNIA
INSTABILITY OF FIRING THRESHOLD AND REMOTE ACTIVATION IN CORTICAL NEURONES
NATURE V212 N5069 PP1424-1425 24 DEC 1966
OAR ACCESS NO.....009322-011
BY ELUL R
ADEY W R
DOC NUMBER.....AD652184
INSTR...AF-49/638/01387
PROJECT/TASK.....9777/01

AFOSR 67-1047
UNIVERSITY OF CALIFORNIA
INSTABILITY OF FIRING THRESHOLD AND REMOTE ACTIVATION IN CORTICAL NEURONES
NATURE V212 N5069 PP1424-1425 24 DEC 1966
OAR ACCESS NO.....009322-025
BY ELUL R
ADEY W R
INSTR...AF-49/638/01387
PROJECT/TASK.....9777/01

AFOSR 67-1048
STANFORD UNIVERSITY
THE DIVERGENCE AND BHATTACHARYYA DISTANCE MEASURES IN SIGNAL SELECTION
IEEE TRANS COMMUN TECHNOL VCOM-15 N1 PP52-60 FEB 1967
OAR ACCESS NO.....017360-007
BY KAILATH T
DOC NUMBER.....AD652291
INSTR...AF-49/638/01517
PROJECT/TASK.....9749/01

AFOSR 67-1049
UNIVERSITY OF CALIFORNIA
A STUDY OF THE CHEMILUMINESCENCE FROM OXYGEN ATOM-HYDRAZINE FLAMES
J PHYS CHEM V71 N2 PP371-377 JAN 1967
OAR ACCESS NO.....009881-001
BY BECKER K H
BAYES K D
DOC NUMBER.....AD652022
INSTR...AF-AFOSR-0687-66
PROJECT/TASK.....9760/02

AFOSR 67-1050
UNIVERSITY OF CALIFORNIA
ON A CLASSICAL COMMUTATOR RESULT
J MATH MECH V16 N6 PP583-588 DEC 1966
OAR ACCESS NO.....014930-016
BY MARCUS M
THOMPSON R C
DOC NUMBER.....AD652043
INSTR...AF-AFOSR-0698-65
PROJECT/TASK.....9749/01

AFOSR 67-1051
UNIVERSITY OF CALIFORNIA
EFFECT OF INTERHEMISPHERIC TRANSECTION ON THE EEG PATTERNS IN SLEEP AND WAKEFULNESS IN MONKEYS
ELECTROENCEPHALOG CLIN NEUROPHYSIOL V22 PP101-112 1967
OAR ACCESS NO.....009322-010
BY BATINI C
RADULOVACKI M
KADO R T
ADEY W R
DOC NUMBER.....AD652186
INSTR...AF-49/638/01387
PROJECT/TASK.....9777/01

AFOSR 67-1052
UNIVERSITY OF CALIFORNIA
SUPERCONDUCTIVITY IN THE ALLOY SYSTEM INDIUM-THALLIUM
PHYS REV V154 N2 PP424-435 10 FEB 1967
OAR ACCESS NO.....018830-048
BY MENRIAM M F
HAGEN J
LUO H L
DOC NUMBER.....AD652059
INSTR...AF-AFOSR-0631-66
PROJECT/TASK.....9763/02

AFOSR 67-1053
CALIFORNIA INSTITUTE OF TECHNOLOGY
IONIZATION PHENOMENA IN A GAS-PARTICLE PLASMA
PHYS FLUIDS V9 N12 PP2389-2399 DEC 1966
OAR ACCESS NO.....005881-003
BY GIBSON E G
DOC NUMBER.....AD652028
INSTR...AF-AFOSR-0160-63
PROJECT/TASK.....9752/01

AFOSR 67-1054
UNIVERSITY OF CALIFORNIA
PERMUTATIONS ON SYMMETRY CLASSES
J ALGEBRA V5 NL PP59-71 JAN 67
OAR ACCESS NO.....014930-017
BY MARCUS M
MINC H
DOC NUMBER.....AD651949
INSTR...AF-AFOSR-0698-65
PROJECT/TASK.....9749/01

AFOSR 67-1055
CALIFORNIA INSTITUTE OF TECHNOLOGY
SPECTROPHOTOMETRY OF VZ CANCRI
ASTROPHYS J V147 N 1 PP151-157 JAN 1967
OAR ACCESS NO.....000581-015
BY DANZIGER I J
OKE J B
DOC NUMBER.....AD652188
INSTR...AF-49/638/01323
PROJECT/TASK.....9778/01

AFOSR 67-1056
UNIVERSITY OF CALIFORNIA
HEAT FLOW BETWEEN NORMAL AND SUPERCONDUCTING REGIONS
PHYS LETTERS V23 N7 PP429-430 14 NOV 1966
OAR ACCESS NO.....008861-029
BY GRIFFIN A
MAKI K
DOC NUMBER.....AD652092
INSTR...AF-AFOSR-0610-66
PROJECT/TASK.....9761/01

AFOSR 67-1057
UNIVERSITY OF CALIFORNIA
QUESTION OF SINGLET STATES OF PARAMAGNETIC IMPURITIES IN METALS
PHYS REV LETTERS V17 N22 PP1140-1142 28 NOV 1966
OAR ACCESS NO.....008861-030
BY SUHL H
DOC NUMBER.....AD652053
INSTR...AF-AFOSR-0610-66
PROJECT/TASK.....9761/01

AFOSR 67-1058
UNIVERSITY OF CALIFORNIA
ANOMALOUS SCATTERING BY MAGNETIC IMPURITIES IN SUPERCONDUCTORS
PHYS REV V153 N2 PP428-434 10 JAN 1967
OAR ACCESS NO.....008861-031
BY MAKI K
DOC NUMBER.....AD652054
INSTR...AF-AFOSR-0610-66
PROJECT/TASK.....9761/01

AFOSR 67-1059
NEW YORK UNIVERSITY
ORIENTATION AND REACTIVITY IN FREE RADICAL AROMATIC SUBSTITUTION FINAL REPORT APRIL 1967
OAR ACCESS NO.....009001-002
BY MORRISON R T
DOC NUMBER.....AD652290
INSTR...AF-AFOSR-0519-66
PROJECT/TASK.....9762/01

AFOSR 67-1060
UNIVERSITY OF CALIFORNIA
STRONG-COUPLING THEORY OF PANAELECTRIC IMPURITIES IN ALKALI HALIDES
PHYS REV LETTERS V17 N22 PP1142-1145 28 NOV 1966
OAR ACCESS NO.....008861-032
BY SHORE H H
DOC NUMBER.....AD652057
INSTR...AF-AFOSR-0610-66
PROJECT/TASK.....9761/01

AFOSR 67-1062
STEVENS INSTITUTE OF TECHNOLOGY
MECHANISM AND DYNAMICS OF COAXIAL PLASMA ACCELERATION FINAL REPORT MARCH 1967
OAR ACCESS NO.....009033-003
BY BOSTICK W H
DOC NUMBER.....AD652272
INSTR...AF-AFOSR-0461-65
PROJECT/TASK.....9752/01

AFOSR 67-1065
UNIVERSITY OF CALIFORNIA
CHEMICAL COMPOSITIONS OF GASEOUS NEBULAE AND PECULIAR STARS FINAL REPORT APRIL 1967
OAR ACCESS NO.....021600-001
BY ALLEN L H
DOC NUMBER.....AD652281
INSTR...AF-AFOSR-1100-66
PROJECT/TASK.....9774/01

AFOSR 67-1066
MICHIGAN TECHNOLOGICAL UNIVERSITY
DEFECT BEHAVIOR IN SEMICONDUCTORS FINAL REPORT APRIL 1967
OAR ACCESS NO.....010081-002
BY HELOT L A
INSTR...AF-AFOSR-0846-65
PROJECT/TASK.....9763/01

AFOSR 67-1078
FLORIDA STATE UNIVERSITY
SEQUENCE PEPTIDE POLYMERS I POLYMERS BASED ON ASPARTIC ACID AND GLYCINE
J AM CHEM SOC V89 N4 PP988-998 15 FEB 1967
OAR ACCESS NO.....010611-006
BY DETAR D F
GOUGE M
HUNSBERG M
HUNSBERG U
DOC NUMBER.....AD651950
INSTR...AF-AFOSR-0624-66
PROJECT/TASK.....9762/02

AFOSR 67-1079
UNIVERSITY OF KANSAS
PHOTOLYSIS STUDIES UTILIZING RADIOACTIVE TRACERS FINAL REPORT APRIL 1967
OAR ACCESS NO.....009731-001
BY HIRLAND F S
DOC NUMBER.....AD652282
INSTR...AF-AFOSR-0538-66
PROJECT/TASK.....9710/03

AFOSR 67-1090
UNIVERSITY OF ILLINOIS
A CLASSIFICATION OF MAPPINGS
DCL RCHE NO 2+2 FEB 1967
OAR ACCESS NO.....014150-003
BY SCHADACH D J
DDC NUMBER.....AD652234
INSTN...AF-AFOSR-0480-66
PROJECT/TASK.....9769/06

AFOSR 67-1091
UNIVERSITY OF CHICAGO
ABUNDANCES AND ENERGY SPECTRA OF GALACTIC COSMIC-RAY NUCLEI ABOVE 20 MEV PER NUCLEON IN THE NUCLEAR CHARGE RANGE FROM 2 TO 26
ASTROPHYS J V146 N1 PP51-77 OCT 1966
OAR ACCESS NO.....000625-002
BY COMSTOCK G M
DDC NUMBER.....AD651952
FAN C Y
INSTN...AF-49(638)-01642
SIMPSON J A
PROJECT/TASK.....9751/04

AFOSR 67-1092
NATIONAL ACADEMY OF SCIENCES
HIGH-TEMPERATURE CHEMISTRY CURRENT AND FUTURE PROBLEMS
CONFERENCE ORGANIZED AT NICE UNIVERSITY HOUSTON TEXAS JANUARY 26-27 1966 FINAL REPORT MAY 1967
OAR ACCESS NO.....021280-002
BY MARGRAVE J L
DDC NUMBER.....AD651749
INSTN...AF-AFOSR-1043-66
PROJECT/TASK.....9760/02

AFOSR 67-1093
STANFORD RESEARCH INSTITUTE
TOWARD A TWO-DECISION THEORY OF ORGANIZATIONAL CONFLICT AND COMMITMENT
OAR ACCESS NO.....008832-007
BY VOLLMER H M
DDC NUMBER.....AD651965
INSTN...AF-49(638)-01028
PROJECT/TASK.....9777/01

AFOSR 67-1094
BROWN UNIVERSITY
STABILITY THEORY AND THE ASYMPTOTIC BEHAVIOR OF DYNAMICAL SYSTEMS
DYN STABILITY STRUCT PROC INTERN CONF NORTHWESTERN UNIV EVANSTON ILL 18-20 OCT 1965 PP53-63 N Y PERGAMON PRESS 1967
OAR ACCESS NO.....014591-007
BY LASALLE J P
DDC NUMBER.....AD685583
INSTR...AF-AFOSR-0693-65
PROJECT/TASK.....9769/01

AFOSR 67-1095
MCMASTER UNIVERSITY
[illegible] NATURE OF SHORT-CIRCUIT DIFFUSION PATHS IN NICKEL FILMS
ACTA MET V15 N5 PP577-579 1967
OAR ACCESS NO.....000703-003
BY PERROW J M
DDC NUMBER.....AD652108
SMELTZER W W
INSTN...AF-AFOSR-0515-66
HAM M K
PROJECT/TASK.....9763/01

AFOSR 67-1096
INNSBRUCK UNIVERSITY
MACROSCOPIC FINITE RESISTIVITY INSTABILITIES-A LITERATURE SURVEY
1 APRIL 1967
OAR ACCESS NO.....013751-002
BY ENTEKE H
DDC NUMBER.....AD652762
INSTN...EOAR-67-0-0014
PROJECT/TASK.....9752/01

AFOSR 67-1097
NEWARK UNIVERSITY
A SIMPLE METHOD FOR MEASURING ELECTRON DENSITY IN A PLASMA
APPL PHYS LETTERS VOL NO PP184-185 1 NOV 1966
OAR ACCESS NO.....000801-005
BY SHEMICKER J
DDC NUMBER.....AD652107
INSTN...AF-61(052)-00086
PROJECT/TASK.....9763/02

AFOSR 67-1098
CLARKSON COLLEGE OF TECHNOLOGY
THE CHANGE IN ELECTRICAL RESISTIVITY WITH PLASTIC DEFORMATION OF ALUMINUM AND NICKEL
ACTA MET V15 N5 PP571-573 1967
OAR ACCESS NO.....011131-003
BY MARTIN M C
DDC NUMBER.....AD652112
BELTON K I
INSTN...AF-AFOSR-1748-67
PROJECT/TASK.....9763/01

AFOSR 67-1099
UNIVERSITY OF MINNESOTA
AN INVERSE - SAMPLE PROCEDURE FOR SELECTING THE MOST PROBABLE EVENT IN A MULTINOMIAL DISTRIBUTION
MULTIVARIATE ANALYSIS P R KRISHNAIAH ED PP61-65 N Y ACADEMIC PRESS 1966
OAR ACCESS NO.....011930-002
BY CACOULLOS T N
DDC NUMBER.....AD652102
SCOTT M
INSTN...AF-AFOSR-1335-66
PROJECT/TASK.....9761/02

AFOSR 67-1090
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
COCOMMUTATIVE HOPF ALGEBRAS
CAN J MATH V19 PP350-380 1967
OAR ACCESS NO.....000651-017
BY LARSON R G
DDC NUMBER.....AD652204
INSTN...AF-AFOSR-0335-63
PROJECT/TASK.....9749/02

AFOSR 67-1091
UNIVERSITY OF SOUTHERN CALIFORNIA
THE ROLE OF IMPERFECTION CHEMISTRY IN THE CHARACTERIZATION OF MATERIALS
MATER RES BULL V2 N2 PP203-218 1967
OAR ACCESS NO.....020100-003
BY KROGER F A
DDC NUMBER.....AD652100
INSTN...AF-AFOSR-0986-66
PROJECT/TASK.....9710/03

AFOSR 67-1092
INSTITUTE FOR ADVANCED STUDY
UNIQUENESS CONDITIONS FOR CERTAIN HOLOMORPHIC MAPPINGS
INVENTIONES MATH V2 PP247-255 1967
OAR ACCESS NO.....021610-001
BY HOHEL A
NARASIMHAN R
DDC NUMBER.....AD652101
INSTN...AF-AFOSR-1071-66
PROJECT/TASK.....9749/02

AFOSR 67-1095
WILLIAM MARSH RICE UNIVERSITY
NUCLEAR GAMMA RAYS FROM SUPERNOVA REMNANTS
SPACE RESEARCH VI PROC INTERN SPACE SCI SYMP 6TH MAR DEL PLATA ARGENTINA 18-19 MAY 1965 R L SMITH-ROSE CO WASH DC SPARTAN BOOKS 1966
OAR ACCESS NO.....016870-008
BY HAYNES R C
CRADDOCK W L
CLAYTON D D
DDC NUMBER.....AD652029
INSTN...AF-AFOSR-0850-65
PROJECT/TASK.....9751/02

AFOSR 67-1096
CALIFORNIA INSTITUTE OF TECHNOLOGY
THE SOLAR LINE AT LAMBDA 8668 ANGSTROMS INTERPRETED AS CN
ASTROPHYS J V147 N1 PP383-384 JAN 1967
OAR ACCESS NO.....000581-020
BY SCHADEE A
DDC NUMBER.....AD652533
INSTN...AF-49(638)-01323
PROJECT/TASK.....9774/01

AFOSR 67-1097
UNIVERSITY OF CALIFORNIA
T MATRIX AND PHASE SHIFTS IN SOLID-STATE SCATTERING THEORY
PHYS REV V154 N2 PP515-521 10 FEB 1967
OAR ACCESS NO.....009061-013
BY CALLAWAY J
DDC NUMBER.....AD652830
INSTR...AF-AFOSR-0523-64
PROJECT/TASK.....9763/02

AFOSR 67-1098
UNIVERSITA DEGLI STUDI DI NAPLES
NEAR-FIELD SOLUTION FOR NON-EQUILIBRIUM TRANSONIC FLOW AROUND A CORNER
MECCANICA V1 N1/2 J ITALIAN ASSOC THEORET APPL MECH PP65-83 1966
OAR ACCESS NO.....000631-003
BY NAPOLITANO L G
DDC NUMBER.....AD652534
INSTN...AF-61(052)-00853
PROJECT/TASK.....9781/03

AFOSR 67-1099
OXFORD UNIVERSITY
BRAIN STEM STIMULATION AND ETHOLOGICAL STUDIES ON BIRDS
FINAL REPORT FEB 1967
OAR ACCESS NO.....000984-003
BY TINBERGEN N
VOSLES D M
DELIUS J D
DDC NUMBER.....AD652507
INSTN...AF-EOAR-0012-66
PROJECT/TASK.....9777/01

AFOSR 67-1100
CLEMSON UNIVERSITY
RELATION BETWEEN ISOTHERMAL AND MIXED THIRD-ORDER ELASTIC CONSTANTS
J APPL PHYS V38 N1 PP404-409 JAN 1967
OAR ACCESS NO.....012471-003
BY POWELL R F
SKOVE M J
DDC NUMBER.....AD652532
INSTN...AF-AFOSR-0180-65
PROJECT/TASK.....9763/02

AFOSR 67-1101
UNIVERSITY OF OXFORD
WAVES IN BOUNDED PLASMAS FINAL REPORT MARCH 1967
OAR ACCESS NO.....016310-001
BY MCKAY D M
DDC NUMBER.....AD652505
INSTN...AF-61(052)-00744
PROJECT/TASK.....9752/01

AFOSR 67-1102
CLEMSON UNIVERSITY
SYMMETRY OF MIXED THIRD ORDER ELASTIC CONSTANTS
J APPL PHYS V38 N1 P404 JAN 1967
DAN ACCESS NO.....012871-006
BY SHIVE R J DOC NUMBER.....AD652442
PURELL R E INSTR...AF-AFOSR-0190-65
PROJECT/TASK.....9763/02

AFOSR 67-1103
CONSEJO NACIONAL DE INVESTIGACIONES CIENTIFICAS
L ADRENERGIC ENDINGS AND VESICLES ISOLATED FROM BRAIN
PHARM REV V18 N1 PT1 PP413-426 1966
DAN ACCESS NO.....005794-001
BY ROBERTIS E D DOC NUMBER.....AD652426
INSTR...AF-AFOSR-0314-64
PROJECT/TASK.....9777/01

AFOSR 67-1104
UNIVERSIDAD DE BUENOS AIRES
CENTRAL CONTROL OF NORADRENALINE CONTENT IN RAT PINEAL AND
SUBMAXILLARY GLANDS
LIFE SCI V5 N2 PP155-161 1966
DAN ACCESS NO.....018351-001
BY ZIEMER L M DOC NUMBER.....AD652427
IMALDI A P INSTR...AF-AFOSR-0654-65
PROJECT/TASK.....9777/01

AFOSR 67-1105
UNIVERSIDAD DE BUENOS AIRES
NORADRENALINE AND DOPAMINE CONTENT OF NORMAL DECENTRALIZED
AND DENERVATED PINEAL GLAND OF THE RAT
LIFE SCI V5 N2 PP149-154 1966
DAN ACCESS NO.....018351-002
BY DE IMALDI A P DOC NUMBER.....AD652421
ZIEMER L M INSTR...AF-AFOSR-0654-65
PROJECT/TASK.....9777/01

AFOSR 67-1106
UNIVERSITY OF CALIFORNIA
CO EMISSION FROM ACETYLENE-OXYGEN FLAMES
J CHEM PHYS V45 N1 PP196-197 1 JULY 1966
DAN ACCESS NO.....000881-002
BY BECKER K H DOC NUMBER.....AD652420
HAYES R D INSTR...AF-AFOSR-0607-64
PROJECT/TASK.....9760/02

AFOSR 67-1107
RUTGERS STATE UNIVERSITY
THERMOELECTRIC POWER OF GERMANIUM EFFECT OF 2000-ATM
PRESSURE
PHYS REV V156 N3 PP733-737 FEBRUARY 67
DAN ACCESS NO.....000370-002
BY ROTHBERG G M DOC NUMBER.....AD652429
FREUD P J INSTR...AF-AFOSR-01018
PROJECT/TASK.....9763/02

AFOSR 67-1108
NORTHWESTERN UNIVERSITY
A MODULAR ADDITION TECHNIQUE FOR ASSOCIATIVE PROCESSORS
IEEE TRANS ELECTRON COMPUTERS VEC-15 NE PP938-941 DEC 1966
DAN ACCESS NO.....011791-009
BY YAU S S DOC NUMBER.....AD650754
YANG C C INSTR...AF-AFOSR-0098-66
PROJECT/TASK.....9781/01

AFOSR 67-1109
UNIVERSITY OF NORTH CAROLINA
A NON-DETECTING AND ERROR CORRECTING INVERTER SYSTEM FOR
LARGE SPECIAL NUMBERS
REV INTERN STATIST INST V34 N3 PP330-342 1966
DAN ACCESS NO.....011967-005
BY ROSE R C DOC NUMBER.....AD652436
INSTR...AF-AFOSR-0760-65
PROJECT/TASK.....9749/02

AFOSR 67-1111
NEW YORK UNIVERSITY
EXPERIMENTAL STUDIES OF ATOMIC HYDROGEN RECOMBINATION AT
GLASS AND QUARTZ SURFACES FINAL REPORT MARCH 1967
DAN ACCESS NO.....000033-001
BY MANDL A DOC NUMBER.....AD652401
SALOP A INSTR...AF-AFOSR-0172-65
PROJECT/TASK.....9767/01

AFOSR 67-1112
UNIVERSITY COLLEGE
MICROWAVE STUDIES OF IONIZATION PHENOMENA IN GASEOUS
DISCHARGES FINAL REPORT MARCH 1967
DAN ACCESS NO.....012791-010
BY SEATON M C DOC NUMBER.....AD652501
INSTR...AF-EOAR-0004-65
PROJECT/TASK.....9767/01

AFOSR 67-1113
NORTH AMERICAN AVIATION INC
FURTHER RESEARCH ON OPTICAL TRANSMISSION LINES
DAN ACCESS NO.....018520-003
BY SHAW C B JR DOC NUMBER.....AD652501
FRENCH J T INSTR...AF-49(638)-01504
WARNER C III PROJECT/TASK.....9768/00

AFOSR 67-1114
CORNELL UNIVERSITY
ARECIBO IONOSPHERIC OBSERVATORY FINAL REPORT JAN 1967
DAN ACCESS NO.....500000-035
BY DRAKE F D DOC NUMBER.....AD652506
INSTR...AF-49(638)-01150
PROJECT/TASK.....2838/00

AFOSR 67-1115
UNIVERSITY OF TEXAS
TEXAS NIANNUAL OF ELECTRONICS RESEARCH NO 5 FINAL REPORT
MAY 1967
DAN ACCESS NO.....015262-029
BY DOUGAL A A
INSTR...AF-AFOSR-0786-67
PROJECT/TASK.....9751/00

AFOSR 67-1116
UNIVERSITY OF SOUTHERN CALIFORNIA
RESEARCH IN OPTICAL COHERENCE FINAL REPORT DEC 1966
DAN ACCESS NO.....012383-001
BY MACMILLAN W S DOC NUMBER.....AD653631
YOUNG G O INSTR...AF-AFOSR-0188-66
ANNETT J D PROJECT/TASK.....9768/02

AFOSR 67-1117
NEW YORK STATE UNIV RESEARCH FOUNDATION
ELECTROCHEMICAL BEHAVIOR OF METALS AS STIMULUS ELECTRODES
J BIOMED MATER RES V1 PP27-31 1967
DAN ACCESS NO.....019471-001
BY LEVINE S N DOC NUMBER.....AD653682
INSTR...AF-AFOSR-0667-65
PROJECT/TASK.....9749/01

AFOSR 67-1118
POLYTECHNIC INSTITUTE OF BROOKLYN
HYPERSONIC VISCOUS FLOW OVER SLENDER BODIES HAVING SHARP
LEADING EDGES
FINAL REPORT NO 1018 MAY 1967
DAN ACCESS NO.....019521-005
BY HUSMAN S DOC NUMBER.....ADE55076
HUMEN S G INSTR...AF-49(638)-01023
PROJECT/TASK.....9781/01

AFOSR 67-1119
UNIVERSITY OF CALIFORNIA
THE MANGANESE STAR 53 TAURI II FINE ANALYSIS
ASTROPHYS J V145 PP153-173 JUL 66
DAN ACCESS NO.....011691-007
BY AUER L H DOC NUMBER.....AD652438
MIHALAS D INSTR...AF-AFOSR-0083-65
ALLEN C W PROJECT/TASK.....9774/01
MOSS J P

AFOSR 67-1120
BROWN UNIVERSITY
CLOSED FORM FOR THE PERTURBATION TERMS OF THE LINEAR
BOLTZMANN EQUATION
PHYS FLUIDS V9 NE1 PP2282-2283 NOV 66
DAN ACCESS NO.....002033-004
BY KOPLOWITZ J DOC NUMBER.....AD652440
SIEGEL A INSTR...AF-AFOSR-0857-66
PROJECT/TASK.....9767/01

AFOSR 67-1121
CALIFORNIA INSTITUTE OF TECHNOLOGY
NEW CHANNON THIRTEEN INDICATIONS IN STELLAR SPECTRA
ASTROPHYS J V145 N3 PP939-951 MAR 66
DAN ACCESS NO.....000581-021
BY WILSON A A DOC NUMBER.....AD652428
INSTR...AF-49(638)-01373
PROJECT/TASK.....9778/0.

AFOSR 67-1123
INSTITUTE FOR ADVANCED STUDY
ARITHMETIC CLASSIFICATION OF A NELSON CLASS OF SETS
ZEITSCHRIFT
C R ACAD SCI PARIS V264 PP1902-1903 23 JAN 67
DAN ACCESS NO.....021010-002
BY MALLIAVIN P DOC NUMBER.....AD652558
MALLIAVIN-DHAMENIL M P INSTR...AF-AFOSR-1071-66
PROJECT/TASK.....9749/02

AFOSR 67-1124
TECHNICAL RESEARCH GROUP INC
LASER OSCILLATION IN ATOMIC CS IN MCL GAS DISCHARGES
APPL PHYS LETTERS V8 N6 PP150-151 15 MAR 68
OAR ACCESS NO.....004791-005
BY JARNETT S M
NUNEZ J
GOULD G
DOC NUMBER.....AD682749
INSTR...AF-49/638/01535
PROJECT.....4768

AFOSR 67-1125
COLUMBIA UNIVERSITY
ON THE DECELERATION OF METAGALACTIC CLOUDS IN THE GALAXY
NUOVO CIMENTO SER X V45 PP252-253 11 OCT 1966
OAR ACCESS NO.....019290-007
BY PUPPI G
SETTI G
WOLTJER L
DOC NUMBER.....AD652791
INSTR...AF-49/638/01358
PROJECT/TASK.....9774/01

AFOSR 67-1126
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
NONLINEAR MAGNETO-OPTICS OF ELECTRONS AND HOLES IN
SEMICONDUCTORS AND SEMIMETALS
PHYS REV LETTERS V18 N12 PP 462-464 20 MAR 1967
OAR ACCESS NO.....007912-001
BY LAX B
ZAWADZKI W
WEILER M
DOC NUMBER.....AD652770
INSTR...AF44620-67-C-0047
PROJECT/TASK.....9764/01

AFOSR 67-1127
UNIVERSITA DEGLI STUDI DI MILAN
LATTICE DYNAMICS AND THERMAL PROPERTIES OF LITHIUM HYDRIDE
AND LITHIUM DEUTERIDE CRYSTALS
SOLID STATE COMMUN V5 N2 PP101-104 1967
OAR ACCESS NO.....015160-002
BY HENECEK G
DOC NUMBER.....AD652551
INSTR...AF-EOAR -0005-65
PROJECT/TASK.....9761/01

AFOSR 67-1128
UNIVERSITY OF BRISTOL
3 3 3-TRIFLUOROPROPYNE COMPLEXES
INORG NUCL CHEM LETTERS V2 N9 PP247-249 1966
OAR ACCESS NO.....015380-001
BY HANBOURNE D A
ROSEVEAR D T
STONE F G A
C NUMBER.....AD652771
INSTR...AF-61/052/00067
PROJECT/TASK.....9710/02

AFOSR 67-1129
UNIVERSITY OF WINDSOR
EFFECT OF IMPRISONMENT OF RADIATION IN SODIUM VAPOR ON
THE MEASURED LIFETIME OF THE 3 SUPER 2P STATES
PHYS REV V153 N1 PP9-12 5 JAN 67
OAR ACCESS NO.....011112-008
BY KIBBLE M P
COPLEY G
KRAUSE L
DOC NUMBER.....AD652557
INSTR...AF-AFOSR-0361-65
PROJECT/TASK.....9767/02

AFOSR 67-1130
CORNELL UNIVERSITY
SPECTRUM OF 3C273
NATURE V217 N5061 PP461-463 29 OCT 1968
OAR ACCESS NO.....900080-036
BY HAZARD C
GULKIS S
GRAY A D
DOC NUMBER.....AD652757
INSTR...AF-49/638/01156
PROJECT/TASK.....2838/00

AFOSR 67-1131
NORTHWESTERN UNIVERSITY
PATTERN RECOGNITION BY USING AN ASSOCIATIVE MEMORY
IEEE TRANS ELECTRON COMPUTERS VEC-15 N6 PP 944-947 DEC 66
OAR ACCESS NO.....011741-010
BY YAU S S
YANG C C
DOC NUMBER.....AD650987
INSTR...AF-AFOSR-0094-65
PROJECT/TASK.....9769/01

AFOSR 67-1132
OHIO UNIVERSITY
QUANTUM THEORY OF DYNAMIC MAGNETORESISTANCE
J PHYS CHEM SOLIDS V28 PP807-818 1967
OAR ACCESS NO.....018450-005
BY CHEN C C
FUJITA S
DOC NUMBER.....AD682582
INSTR...AF-AFOSR-0454-65
PROJECT/TASK.....9761/01

AFOSR 67-1133
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
HALOMETHYL-METAL COMPOUNDS X THE REACTION OF
ORGANOSILICON ORGANOGERMANIUM AND ORGANOTIN HYDRIDES WITH
PHENYLTRIHALOMETHYLMERCURY COMPOUNDS
J ORGANOMETAL CHEM V7 PP405-413 1967
OAR ACCESS NO.....018231-012
BY SEYFERTH D
HOBLITZEL J M
MARTOUZOS M
SIMMONS H D
DOC NUMBER.....AD652128
INSTR...AF-AFOSR-0502-66
PROJECT/TASK.....9767/01

AFOSR 67-1134
UNIVERSITY OF CALIFORNIA
STUDIES IN STELLAR EVOLUTION V TRANSPORT COEFFICIENTS OF
DEGENERATE STELLAR MATTER
ASTROPHYS J V146 N3 PP858-870 DEC 66
OAR ACCESS NO.....004852-015
BY HUBBARD W B
DOC NUMBER.....AD652555
INSTR...AF-AFOSR-0171-63
PROJECT/TASK.....9774/01

AFOSR 67-1135
UNIVERSITY OF CAMBRIDGE
HERMITIAN ANALYTICITY AND S-MATRIX SINGULARITY STRUCTURE
J MATH PHYS V7 N12 PP2230-2234 DEC 66
OAR ACCESS NO.....013011-012
BY POLKINGHORNE J C
DOC NUMBER.....AD652548
INSTR...AF-EOAR -0036-65
PROJECT/TASK.....9761/01

AFOSR 67-1136
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
100 KHZ HOMODYNE 35 GHZ REFLECTION-CAVITY SPECTROMETER WITH
PHASE-LOCK OF THE REFERENCE SIGNAL AND LOW FREQUENCY FIELD
MODULATION
REV SCI INSTR V38 N3 PP 339-347 MAR 1967
OAR ACCESS NO.....007911-105
BY MAROCAUDE H C
DOC NUMBER.....AD652755
INSTR...AF-49/638/01468
PROJECT/TASK.....9764/00

AFOSR 67-1137
UNIVERSITY OF CONNECTICUT
Q-STRUCTURE AND K-SHELL VACANCIES IN NE/6/-NE COLLISIONS AT
150 TO 400 KEV
PHYS REV LETTERS V18 N26 PP1189-1191 27 JUN 1966
OAR ACCESS NO.....016640-005
BY KESSEL Q C
MC CAUGHEY M C
EVERHART E
DOC NUMBER.....AD652546
INSTR...AF-AFOSR-0805-65
PROJECT/TASK.....9767/02

AFOSR 67-1138
UNIVERSITY OF CONNECTICUT
COINCIDENCE MEASUREMENTS IN NE6 - NE COLLISIONS
PHYS REV V153 N1 PP57-61 5 JAN 67
OAR ACCESS NO.....016640-006
BY KESSEL Q C
MC CAUGHEY M P
EVERHART E
DOC NUMBER.....AD652547
INSTR...AF-AFOSR-0805-65
PROJECT/TASK.....9767/02

AFOSR 67-1139
AVOCO CORP
THORIA SINGLE CRYSTALS GROWN BY VAPOR DEPOSITION IN A SOLAR
FURNACE
J PHYS CHEM SOLIDS V28 PP313-316 1967
OAR ACCESS NO.....012803-002
BY LASZLO T S
SHEEHAN M J
GANNON R E
DOC NUMBER.....AD652752
INSTR...AF-49/638/01186
PROJECT/TASK.....9763/01

AFOSR 67-1140
UNIVERSITY OF HAWAII
SOLVATION OF EXTRACTED COMPLEX METAL ACIDS III THE HFSUBCL4
DIETHYL ETHER SYSTEM
J AM CHEM SOC V89 N3 PP486-489 -1 FEB 1967
OAR ACCESS NO.....011831-001
BY MEYERS O A
MCDONALD H J
DOC NUMBER.....AD652986
INSTR...AF-AFOSR-0065-65
PROJECT/TASK.....9710/02

AFOSR 67-1141
CORNELL UNIVERSITY
ATOMIC READJUSTMENT TO AN INNER-SHELL VACANCY MANGANESE
POTASSIUM X-RAY EMISSION SPECTRA FROM AN IRON 55 POTASSIUM-
CAPTURE SOURCE AND FROM THE BULK METAL
PHYS REV V154 N1 PP118-123 5 FEB 67
OAR ACCESS NO.....002761-011
BY SCHNOPPER H W
DOC NUMBER.....AD652784
INSTR...AF-49/638/00402
PROJECT/TASK.....9761/03

AFOSR 67-1142
UNIVERSITY OF CALIFORNIA
CHARACTERISTICS OF PHOTOIONIZATION PLASMA SOURCE
REV SCI INSTR V38 N2 PP251-252 FEB 67
OAR ACCESS NO.....018381-001
BY HYMAN J JR
MACKENZIE K R
INSTR...AF-AFOSR-0567-66
PROJECT/TASK.....9767/03

AFOSR 67-1143
UNIVERSITY OF ROCHESTER
INDUCED ABSORPTION IN PURE KCL AND CAFSUB2
SOLID STATE COMMUN V5 PP865-867 1966
OAR ACCESS NO.....013771-003
BY PANIZZA P
HEGENBARTH E J
DOC NUMBER.....AD652554
INSTR...AF-AFOSR-0236-65
PROJECT/TASK.....9767/02

AFOSR 67-1144
DEPARTMENT OF PHYSICS
INELASTIC COLLISIONS BETWEEN EXCITED ALKALI ATOMS AND MOLECULES I SENSITIZED FLUORESCENCE AND QUENCHING IN CS-NSUB2 AND CS-HSUB2 SYSTEMS
PHYS REV V153 N1 PP46-50 5 JAN 67
OAR ACCESS NO.....011112-009
BY MCGILLIS D A
KRAUSE L
DDC NUMBER.....AD652969
INSTR...AF-AFOSR-0361-65
PROJECT/TASK.....9767/02

AFOSR 67-1145
HARVARD UNIVERSITY
PARTICLES AND SOURCES
PHYS REV V152 N4 PP1219-1226 DEC 1966
OAR ACCESS NO.....004861-031
BY SCHWINGER J
DDC NUMBER.....AD652750
INSTR...AF-49(638)-1380
PROJECT/TASK.....9751/01

AFOSR 67-1146
CASE INSTITUTE OF TECHNOLOGY
ELECTRONIC STRUCTURE AND GROUND STATE OF SCANDIUM MONOFLUORIDE
J CHEM PHYS V46 N1 PP35-46 1 JAN 1967
OAR ACCESS NO.....020160-001
BY CARLSON K D
DDC NUMBER.....AD652563
INSTR...AF-AFOSR-1030-66
PROJECT/TASK.....9760/01

AFOSR 67-1147
COLUMBIA UNIVERSITY
SYNCHROTRON RADIATION OF NEUTRINOS AND ITS ASTROPHYSICAL SIGNIFICANCE
PHYS REV V153 N5 PP1372-1377 25 JAN 1967
OAR ACCESS NO.....019240-008
BY LANGSTAFF J D
DDC NUMBER.....AD652753
INSTR...AF-49(638)-01358
PROJECT/TASK.....9774/01

AFOSR 67-1148
UNIVERSITY OF CAMBRIDGE
OSCILLATIONS OF SCATTERING AMPLITUDES AT HIGH ENERGY
NUOVO CIMENTO SERX V47 PP817-821 FEB 1967
OAR ACCESS NO.....013011-013
BY EDEN R J
LUKASZUK L
DDC NUMBER.....AD652568
INSTR...AF-EOAR -0036-65
PROJECT/TASK.....9751/01

AFOSR 67-1149
UNIVERSITY OF CALIFORNIA
THE METHOD FOR ABUNDANCE ANALYSIS PART III, ON THE CURVE OF-GROWTH METHOD
ASTRONO PAPERS V4 N19 PP99-111 INTERN ASTRON UNION SYMP N26 UTRECHT NETHERLANDS 1964
OAR ACCESS NO.....011690-006
BY ALLER L H
DDC NUMBER.....AD652568
INSTR...AF-AFOSR-008J-63
PROJECT/TASK.....9776/01

AFOSR 67-1150
YALE UNIVERSITY
MECHANISM OF POLARIZED LIGHT PERCEPTION
SCIENCE V154 N3748 PP467-475 28 OCT 1966
OAR ACCESS NO.....021650-001
BY WATERMAN T H
HONIG K B
DDC NUMBER.....AD652561
INSTR...AF-AFOSR-1066-65
PROJECT/TASK.....9777/01

AFOSR 67-1151
UNIVERSITY OF ILLINOIS
THE SPATIAL VARIATION OF THE JUNCTION POTENTIALS IN P-N JUNCTIONS
IEEE TRANS ELEC DEVICES VED-13 N12 PP859-864 DEC 1966
OAR ACCESS NO.....003112-012
BY SAH C T
DDC NUMBER.....AD652562
INSTR...AF-AFOSR-0718-65
PROJECT/TASK.....9763/02

AFOSR 67-1152
YESHIVA UNIVERSITY
STATISTICAL MECHANICS OF FINITE SYSTEMS ASYMPTOTIC EXPANSIONS I THE PETIT CANONICAL ENSEMBLES- PN V TZ AND N P TZ SYSTEMS
J MATH PHYS V7 N12 PP 2261-2270 DEC 66
OAR ACCESS NO.....005033-004
BY MORRITZ G
DDC NUMBER.....AD652552
INSTR...AF-AFOSR-0508-66
PROJECT/TASK.....9767/01

AFOSR 67-1153
UNIVERSITY OF SOUTHERN CALIFORNIA
OPTIMUM PROPULSION OF AN OSCILLATING AEROFOIL
IEEE TRANS AUTO CONTROL VAC-11 N4 PP645-651 OCT 1966
OAR ACCESS NO.....014491-027
BY WANG P K C
DDC NUMBER.....AD652569
INSTR...AF-AFOSR-69-65
PROJECT/TASK.....9761/00

AFOSR 67-1154
INDIANA UNIVERSITY
SOME NEW RELATIONS CONNECTING MOLECULAR PROPERTIES AND ELECTRON AND X-RAY DIFFRACTION INTENSITIES
J PHYS CHEM V71 N4 PP856-862 MAR 1967
OAR ACCESS NO.....010651-020
BY BONHAM R A
DDC NUMBER.....AD652556
INSTR...AF-AFOSR-0602-66
PROJECT/TASK.....9760/02

AFOSR 67-1155
UNIVERSITY OF ROCHESTER
TRAPPED EXCITON STATES IN THE ALKALI HALIDES
J PHYS CHEM SOLIDS V27 PP943-946 1966
OAR ACCESS NO.....013771-004
BY BALDINI G
TERGANDEN R J
DDC NUMBER.....AD652553
INSTR...AF-AFOSR-0236-65
PROJECT/TASK.....9767/02

AFOSR 67-1156
NORTH AMERICAN AVIATION INC
ANNULAR FLOW NOZ DEVICE USING POTASSIUM GAS FINAL REPORT APRIL 1966
OAR ACCESS NO.....013111-001
BY GUDERJAHN C A
DDC NUMBER.....AD652654
INSTR...AF-49(638)-01576
PROJECT/TASK.....9752/01

AFOSR 67-1157
MEDREW UNIVERSITY
CORRELATES OF AMBIVALENCE RISK-TAKING AND RIGIDITY FINAL REPORT MARCH 1967
OAR ACCESS NO.....013232-001
BY MINKOWICH A
DDC NUMBER.....AD652655
INSTR...AF-EOAR -0032-65
PROJECT/TASK.....9778/01

AFOSR 67-1158
CASE INSTITUTE OF TECHNOLOGY
STAGE II WORK HARDENING IN CRYSTALS
CAN J PHYS V45 PP663-706 1967
OAR ACCESS NO.....010580-002
BY HIRSCH P H
MITCHELL T E
INSTR...AF-AFOSR-0829-65
PROJECT/TASK.....9763/01

AFOSR 67-1159
TECHNION RESEARCH AND DEVELOPMENT FOUNDATION
THE MECHANICS OF REPEATED DISCONTINUOUS YIELDING OF METALS MFL REPORT NO 8 MARCH 1967
OAR ACCESS NO.....022230-005
BY RODNER S R
DDC NUMBER.....AD652240
INSTR...AF-61(052)-00951
PROJECT/TASK.....9782/02

AFOSR 67-1160
AVCO EVERETT RESEARCH LABORATORY
PLASMA WIND TUNNEL STUDIES OF COLLISION FREE FLOWS AND SHOCKS
RESEARCH REPORT 268 APRIL 1967
OAR ACCESS NO.....002272-006
BY PUGH E
PATRICK R
DDC NUMBER.....AD652091
INSTR...AF-49(638)-01483
PROJECT/TASK.....9752/01

AFOSR 67-1161
TECHNION - ISRAEL INSTITUTE OF TECHNOLOGY
THE PHYSICAL TENSOR AND APPLICATION FINAL REPORT FEB 1967
OAR ACCESS NO.....011083-001
BY ZVI K
DDC NUMBER.....AD652678
INSTR...AF-EOAR -0019-66
PROJECT/TASK.....9749/01

AFOSR 67-1162
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
THE SPIN POLARIZED HARTREE-FOCK METHOD AND THE CONTRIBUTION OF CORE POLARIZATION TO HYPERFINE FIELDS OF 4D IONS
COLLOQ INTERN CENTRE NATL RECH SCI N164 PARIS 20-24 JUN 66 1967
OAR ACCESS NO.....007911-106
BY FREEMAN A J
DAGUS P
WATSON R E
DDC NUMBER.....AD652756
INSTR...AF-49(638)-01498
PROJECT/TASK.....9764/01

AFOSR 67-1163
UNIVERSITY OF MINNESOTA
A PHYSICOCHEMICAL BASIS FOR PATTERN AND RHYTHM
INTRACELLULAR TRANSPORT NY ACADEMIC PRESS INC 1966
OAR ACCESS NO.....013380-006
BY GMITRO J I
SCRIVEN L E
DDC NUMBER.....AD652550
INSTR...AF-AFOSR-0219-65
PROJECT/TASK.....9767/01

AFOSR 67-1166
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
SOLUTION OF THE TRANSONIC AIRFOIL PROBLEM THROUGH PARAMETRIC DIFFERENTIATION
AIAA J V5 N3 PP 470-479 1967

BY NUMBERT P E
LANDAHL M T

OAR ACCESS NO.....001396-003
DOC NUMBER.....AD652559
INSTR...AF-AFOSR-0156-65
PROJECT/TASK.....9781/02

AFOSR 67-1167
UNIVERSITY OF MICHIGAN
THE LONDON SCHOOL OF ECONOMICS AND POLITICAL SCIENCE FINAL REPORT MAY 1967

BY HARARY F

OAR ACCESS NO.....014960-006
DOC NUMBER.....AD653226
INSTR...AF-AFOSR-0756-65
PROJECT/TASK.....9769/01

AFOSR 67-1168
TEXAS A&M UNIVERSITY
ELECTRIC FIELD GRADIENT AT THE DEUTERON SITE IN LIQUID DCL
PHYS LETTERS V24A N1 PP59-60 2 JAN 1967

BY BOEHME H
EISNER M

OAR ACCESS NO.....002103-003
DOC NUMBER.....AD652992
INSTR...AF-AFOSR-0173-65
PROJECT/TASK.....9767/01

AFOSR 67-1169
YALE UNIVERSITY
THEORY OF PLASMA RADIATION I MATHEMATICAL DEVELOPMENT
INTERN CONF PHENOMENA IONIZED GASES 7TH V2 PP9-11 BELGRAD 1966

BY MANGENAU H
MALLOZZI P

OAR ACCESS NO.....002121-003
DOC NUMBER.....AD652989
INSTR...AF-AFOSR-0843-65
PROJECT/TASK.....9767/02

AFOSR 67-1170
UNIVERSITY OF TEXAS
A REFERENCE CIRCUIT USEFUL IN INTEGRATING BETWEEN ACTIVITY SPHERES
AIAA J V5 N3 PP599-600 MAR 67

BY FLANK R M
MARTRELL J C

OAR ACCESS NO.....015201-052
DOC NUMBER.....AD653093
INSTR...AF-AFOSR-0766-66
PROJECT/TASK.....4751/00

AFOSR 67-1171
UNIVERSITY OF ILLINOIS
SELF-DIFFUSION IN NEAR-EQUIATOMIC ORDERED GOLD-CADMIUM ALLOYS
PHYS REV V153 N3 PP863-872 15 JAN 1967

BY GUPTA D
LAZARUS D
LICUERMAN D S

OAR ACCESS NO.....018010-001
DOC NUMBER.....AD653058
INSTR...AF-AFOSR-0900-65
PROJECT/TASK.....9783/01

AFOSR 67-1172
COLUMBIA UNIVERSITY
GRAVITATIONAL RADIATION FROM NEUTRON STARS
ASTROPHYS J V147 N2 PP664-671 FEB 1967

BY CHAU W Y

OAR ACCESS NO.....019290-009
DOC NUMBER.....AD653048
INSTR...AF-49(638)-1354
PROJECT/TASK.....9774/01

AFOSR 67-1173
CORNELL UNIVERSITY
LOW-ENERGY ELECTRON DIFFRACTION STUDIES OF EPITAXIAL GROWTH OF SILVER AND GOLD IN ULTRAHIGH VACUUM
APPL PHYS LETTERS V10 N8 PP122-124 15 FEB 67

BY PALMBERG P W
RHODIN T N
TODD C J

OAR ACCESS NO.....017080-002
DOC NUMBER.....AD653056
INSTR...AF-AFOSR-0876-65
PROJECT/TASK.....9761/03

AFOSR 67-1174
CALIFORNIA INSTITUTE OF TECHNOLOGY
NUCLEAR PROCESSES IN COMETS
INTERN COLLO LIEGE 5-7 JUL 1965 BELGIUM

BY GREENSTEIN J L

OAR ACCESS NO.....000581-022
DOC NUMBER.....AD653049
INSTR...AF-49(638)-01323
PROJECT/TASK.....9774/01

AFOSR 67-1175
UNIVERSITY OF TEXAS
ON ANOMALOUS PLASMA TRANSPORT IN R F DISCHARGES
PHYS FLUIDS V244 N6 PP920-921 13 FEB 1967

BY [illegible] F J
NUMRICH P D

OAR ACCESS NO.....015241-053
DOC NUMBER.....AD653054
INSTR...AF-AFOSR-0765-66
PROJECT/TASK.....4751/00

AFOSR 67-1176
HARVARD UNIVERSITY
CONSISTENCY OF CURRENT COMMUTATION RELATIONS AND RELATED CONSIDERATIONS
NUOVO CIMENTO SER X V46 PP364-369 21 NOV 66

BY CHANG S J
NIEH M T
YAN T M

OAR ACCESS NO.....004861-070
DOC NUMBER.....AD653047
INSTR...AF-49(638)-01380
PROJECT/TASK.....9751/01

AFOSR 67-1177
VANDERBILT UNIVERSITY
SPECTROGRAPHIC MEASUREMENTS ON AN ARC DISCHARGE
J APPL PHYS V38 N1 PP 64-67 JAN 67

BY BARACH J P

OAR ACCESS NO.....013822-001
DOC NUMBER.....AD653057
INSTR...AF-AFOSR-0287-66
PROJECT/TASK.....9767/03

AFOSR 67-1178
STANFORD UNIVERSITY
OSCILLATORS MODULATORS AND MIXERS SUITABLE FOR INTEGRATED CIRCUIT REALIZATION
PROC IEEE V55 N3 PP430-439 MAR 1967

BY ANDERSON B D
NEW W
NEWCOMB R W

OAR ACCESS NO.....011061-019
DOC NUMBER.....AD653056
INSTR...AF-AFOSR-0337-63
PROJECT/TASK.....9769/01

AFOSR 67-1179
CORNELL UNIVERSITY
ENHANCED INTERPLANETARY SCINTILLATIONS ASSOCIATED WITH SOLAR FLARES
NATURE V213 N5074 PP377-378 28 JAN 1967

BY SHARP L E
HARRIS D E

OAR ACCESS NO.....500080-037
DOC NUMBER.....AD653052
INSTR...AF-49(638)-01156
PROJECT/TASK.....2838/00

AFOSR 67-1180
CORNELL AERONAUTICAL LABORATORY INC
VIBRATIONAL RELAXATION OF ANHARMONIC OSCILLATORS
CAL REPORT NO AF-2022-A-2 MAY 1967

BY RICH J W
REHM R G

OAR ACCESS NO.....006081-002
DOC NUMBER.....AD654486
INSTR...AF-49(638)-01688
PROJECT/TASK.....9781/01

AFOSR 67-1181
CALIFORNIA INSTITUTE OF TECHNOLOGY
STRUCTURE OF LIQUIDS III AN X-RAY DIFFRACTION STUDY OF FLUID ARGON
J CHEM PHYS V46 N4 PP 1401-1411 15 FEB 1967

BY MIKOLAJ P G
PINGS C J

OAR ACCESS NO.....014610-018
DOC NUMBER.....AD652958
INSTR...AF-49(638)-01273
PROJECT/TASK.....9710/03

AFOSR 67-1182
CALIFORNIA INSTITUTE OF TECHNOLOGY
STRUCTURE OF LIQUIDS IV DIRECT CORRELATION FUNCTIONS OF LIQUID ARGON
J CHEM PHYS V46 N4 PP1412-1420 15 FEB 1967

BY MIKOLAJ P G
PINGS C J

OAR ACCESS NO.....014610-019
DOC NUMBER.....AD653051
INSTR...AF-49(638)-01273
PROJECT/TASK.....9710/03

AFOSR 67-1183
NORTHWESTERN UNIVERSITY
THE REFLECTANCE OF THE INTERMATALLIC COMPOUNDS NICKEL ALUMINUM AND COBALT ALUMINUM
J PHYS SOC JAPAN V21 N11 PP2380-2382 NOV 1966

BY RIEWIT O A
RECHTIEN J
HRITTAIN J O

OAR ACCESS NO.....[illegible]14050-001
DOC NUMBER.....AD653059
INSTR...AF-AFOSR-0466-64
PROJECT/TASK.....9763/02

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ON THE ROTATIONAL TEMPERATURE OF A SUNSPOT
ASTROPHYS J V145 N1 PP349-349 JUL 66

BY SCHADEE A

OAR ACCESS NO.....000581-023
DOC NUMBER.....AD653050
INSTR...AF-49(638)-01323
PROJECT/TASK.....9774/01

AFOSR 67-1185
UNIVERSITY OF KENTUCKY
POLARIZATION OF PHENYL-N-SULFINYLHYDRAZINES USING DIMETHYLFORMAMIDE-SULFUR DIOXIDE REAGENT
TRANS KENTUCKY ACAD SCI V27 N51-2 PP37-39 1966

BY SMITH W T JR
CHEN W Y

OAR ACCESS NO.....002910-002
DOC NUMBER.....AD653045
INSTR...AF-49(638)-00049
PROJECT/TASK.....9760/03

AFOSR 67-1186
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
FAR-INFRARED LASER POWER MEASUREMENTS
PROC IEEE V55 N3 P 420 MAR 1967
OAR ACCESS NO.....007911-107
BY ARAMS F
BUTTON K
ALLEN C
WANG M
RUBIN L
DDC NUMBER.....AD653046
INSTR...AF-49(638)01468
PROJECT/TASK.....9764/01

AFOSR 67-1187
UNIVERSITY OF CALIFORNIA
CODING AND ANALYSIS OF DOCUMENTARY MATERIALS FROM COMMUNIST CHINA
ASIAN SURV PP198-211 MARCH 1967
OAR ACCESS NO.....020800-001
BY WONG P
DDC NUMBER.....AD652986
INSTR...AF-AFOSR-1003-66
PROJECT/TASK.....9779/02

AFOSR 67-1188
INDIANA UNIVERSITY
ROLE OF THE INTEGRAL OPERATOR METHOD IN THE THEORY OF POTENTIAL SCATTERING
J MATH PHYS V8 N1 PP141-148 JAN 67
OAR ACCESS NO.....022970-002
BY GILBERT R P
HOWARD H C
DDC NUMBER.....AD652745
INSTR...AF-AFOSR-1206-67
PROJECT/TASK.....9749/01

AFOSR 67-1189
PRINCETON UNIVERSITY
P WAVE DIFFRACTION THEORY AND THE STRUCTURE OF THE CORE-MANTLE BOUNDARY
J GEOPHYS RES V71 N24 PP5959-5975 15 DEC 1966
OAR ACCESS NO.....015970-001
BY PHINNEY R A
ALEXANDER S S
DDC NUMBER.....AD652715
INSTR...AF-49(638)1243
PROJECT.....8652

AFOSR 67-1190
CATHOLIC UNIVERSITY OF AMERICA
ANALYTICAL METHODS IN PROBABILITY THEORY
LECTURE NOTES IN MATHEMATICS V31 SYMPOSIUM ON PROBABILITY METHODS IN ANALYSIS PP208-238 BERLIN HEIDELBERG NEW YORK SPRINGER-VERLAG 1967
OAR ACCESS NO.....014012-001
BY LUKACS E
DDC NUMBER.....AD652991
INSTR...AF-AFOSR-0637-65
PROJECT/TASK.....9749/02

AFOSR 67-1192
PRINCETON UNIVERSITY
GAUGE PROPERTIES OF THE MINKOWSKI SPACE
PHYS REV V150 N4 PP1183-1193 28 OCT 1966
OAR ACCESS NO.....005123-005
BY KASTRUP H A
DDC NUMBER.....AD652961
INSTR...AF-49(638)01545
PROJECT/TASK.....9767/04

AFOSR 67-1193
PRINCETON UNIVERSITY
A STUDY OF THE CORE-MANTLE BOUNDARY USING P WAVE DIFFRACTED BY THE EARTHS CORE
J GEOPHYS RES V71 N24 PP5943-5958 15 DEC 1966
OAR ACCESS NO.....015970-002
BY ALEXANDER S S
PHINNEY R A
DDC NUMBER.....AD652954
INSTR...AF-49(638)01241
PROJECT.....8652

AFOSR 67-1194
HAMLINE UNIVERSITY
ON GAUSSIAN MEASURES EQUIVALENT TO WIENER MEASURE II
MATH SCAND V18 P143-160 1966
OAR ACCESS NO.....012521-005
BY VANBENG D E
DDC NUMBER.....AD652270
INSTR...AF-AFOSR-0035-65
PROJECT/TASK.....9749/02

AFOSR 67-1195
PRINCETON UNIVERSITY
ANALYTICITY CONSTRAINTS ON UNEQUAL-MASS REGGE FORMULAS
PHYS REV V150 N4 PP1269-1275 28 OCT 66
OAR ACCESS NO.....005123-006
BY GOLDBERGER M L
JONES C E
DDC NUMBER.....AD652975
INSTR...AF-49(638)01545
PROJECT/TASK.....9767/04

AFOSR 67-1196
YESHIVA UNIVERSITY
DYNAMICAL THEORY OF STRONG INTERACTIONS
PHYS REV V154 N5 PP1411-1429 25 FEB 1967
OAR ACCESS NO.....005833-005
BY SUSSKIND L
DDC NUMBER.....AD652970
INSTR...AF-AFOSR-0508-66
PROJECT/TASK.....9767/01

AFOSR 67-1196
YESHIVA UNIVERSITY
DYNAMICAL THEORY OF STRONG INTERACTIONS
PHYS REV V154 N5 PP1411-1429 25 FEB 1967
OAR ACCESS NO.....017090-004
BY SUSSKIND L
INSTR...AF-AFOSR-0810-65
PROJECT/TASK.....9767/04

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STANFORD UNIVERSITY
THE MEASUREMENT OF SUPRATHRESHOLD PAIN
AM J PSYCHOL V80 PP124-128 MAR 1967
OAR ACCESS NO.....015470-004
BY VOEVODSKY J
COOPER L M
MINGAN A M
HILGARD E R
DDC NUMBER.....AD652985
INSTR...AF-49(638)01436
PROJECT/TASK.....9779/01

AFOSR 67-1198
UNIVERSITY OF CHICAGO
THE HELIOCENTRIC INTENSITY GRADIENTS OF COSMIC-RAY PROTONS AND HELIUM DURING MINIMUM SOLAR MODULATION
ASTROPHYS J V147 N2 PP817-827 FEB 1967
OAR ACCESS NO.....000625-003
BY OGALLAGHER J J
SIMPSON J A
DDC NUMBER.....AD653240
INSTR...AF-49(638)01642
PROJECT/TASK.....9751/04

AFOSR 67-1199
UNIVERSITY OF CHICAGO
SPATIAL DISTRIBUTION OF ENERGETIC ELECTRONS IN THE GEOMAGNETIC TAIL
J GEOPHYS RES V71 N23 PP5547-5557
OAR ACCESS NO.....000625-004
BY MUKAYAMA T
DDC NUMBER.....AD652950
INSTR...AF-49(638)01642
PROJECT/TASK.....9751/04

AFOSR 67-1200
ISTITUTO GEOGRAFICO Y CATASTRAL
THE SEISMIC MAGNITUDE AND THE COEFFICIENT OF ABSORPTION IN THE IBERIAN PENINSULA REGION /SPANISH/
REV GEOFIS V26 N96 PP313-328 OCT-DEC 1966
OAR ACCESS NO.....015960-012
BY MUNUERA J M
DDC NUMBER.....AD652971
INSTR...AF-61(052)00657
PROJECT/TASK.....8652/00

AFOSR 67-1201
TEXAS INSTRUMENTS INCORPORATED
NUMERICAL EXPERIMENTS IN THE ESTIMATION OF FREQUENCY-WAVE NUMBER SPECTRA OF SEISMIC EVENTS USING LINEAR ARRAYS
BULL SEIS SOC AM V56 No PP1337-1355 DEC 1966
OAR ACCESS NO.....016020-002
BY LINVILLE A F
LASTER S J
DDC NUMBER.....AD652973
INSTR...AF-49(638)01244
PROJECT.....8652

AFOSR 67-1202
UNIVERSITY OF SOUTHERN CALIFORNIA
AN ABSTRACT VARIATIONAL THEORY WITH APPLICATIONS TO A BROAD CLASS OF OPTIMIZATION PROBLEMS II APPLICATIONS
J SIAM CONTROL V5 N1 1967
OAR ACCESS NO.....019740-005
BY NEUSTADT L W
DDC NUMBER.....AD652983
INSTR...AF-AFOSR-1029-66
PROJECT/TASK.....9749/01

AFOSR 67-1203
TEXAS INSTRUMENTS INCORPORATED
PARAMAGNETIC-RESONANCE STUDY OF THE DYNAMIC JAHN-TELLER EFFECT IN CALCIUM FLORIDE SCANDIUM TWO PLUS AND STRONTIUM FLUORIDE TWO PLUS
PHYS REV LETTERS V18 N4 PP128-130 23 JAN 67
OAR ACCESS NO.....014480-008
BY HOCHLI U T
ESTLE T L
DDC NUMBER.....AD652956
INSTR...AF-49(638)01250
PROJECT/TASK.....9763/02

AFOSR 67-1204
UNIVERSITY OF CHICAGO
GALACTIC DEUTERIUM AND ITS ENERGY SPECTRUM ABOVE /TWENTY MILLION ELECTRON VOLTS/ PER NUCLEON
PHYS REV LETTERS V17 N6 PP329-333 8 AUG 1966
OAR ACCESS NO.....000625-005
BY FAN C Y
GLOECKLER G
SIMPSON J A
DDC NUMBER.....AD652949
INSTR...AF-49(638)01642
PROJECT/TASK.....9751/04

AFOSR 67-1205
GEORGE WASHINGTON UNIVERSITY
ON TESTING CORRELATION MATRICES
APPL STATIST V16 N1 1967
OAR ACCESS NO.....018120-004
BY KULLBACK S
DDC NUMBER.....AD652987
INSTR...AF-AFOSR-0932-65
PROJECT/TASK.....9749/02

AFOSR 67-1206
STANFORD UNIVERSITY
UNPERTURBED DIMENSIONS OF POLYCATENASULPHUR AND POLYCATENASELENIUM
TRANS FARADAY SOC V63 N531 PT3 PP743-753 MAR 1967
OAR ACCESS NO.....010391-033
BY SEMLYEN J A
DOC NUMBER.....AD652960
INSTR...AF-AFOSR-0218-63
PROJECT/TASK.....9760/03

AFOSR 67-1207
OHIO STATE UNIV RESEARCH FOUNDATION
HARTREE-FOCK APPROXIMATION TO THE HEISENBERG ANTIFERROMAGNET
PHYS REV V148 N1 PP299-301 5 AUG 66
OAR ACCESS NO.....017030-001
BY SUNG C C
DOC NUMBER.....AD652784
INSTR...AF-AFOSR-0869-65
PROJECT/TASK.....1970/00

AFOSR 67-1208
WEIZMANN INSTITUTE OF SCIENCE
BIOLOGICAL SIGNIFICANCE OF HIGH MOLECULAR WEIGHT POLYPEPTIDES FINAL REPORT JUNE 1967
OAR ACCESS NO.....007002-009
BY KATCHALSKI E
DOC NUMBER.....AD693641
INSTR...AF-EOAR -0052-63
PROJECT/TASK.....9777/01

AFOSR 67-1209
UNIVERSITY OF MINNESOTA
HYDRATION OF IONS IN ACETONITRILE
J AM CHEM SOC V89 N7 PP1582-1586 29 MAR 67
OAR ACCESS NO.....012230-005
BY CHANTOONI M K JR
KOLTHOFF I M
DOC NUMBER.....AD652994
INSTR...AF-AFOSR-0028-63
PROJECT/TASK.....9710/03

AFOSR 67-1210
UNIVERSITY OF MINNESOTA
POLAR SETS AND REMOVABLE SINGULARITIES OF PARTIAL DIFFERENTIAL EQUATIONS
ARKIV MAT V7 N1 PP1-9 1967
OAR ACCESS NO.....017310-012
BY LITTMAN W
DOC NUMBER.....AD652488
INSTR...AF-AFOSR-0083-65
PROJECT/TASK.....9749/02

AFOSR 67-1211
UNIVERSITY OF CALIFORNIA
SUPERCONDUCTIVITY OF ALPHA-URANIUM AND URANIUM COMPOUNDS AT HIGH PRESSURE
PHYS REV V154 N2 PP309-315 10 FEB 67
OAR ACCESS NO.....019830-044
BY GARDNER W E
SMITH T F
DOC NUMBER.....AD652993
INSTR...AF-AFOSR-0031-64
PROJECT/TASK.....9764/02

AFOSR 67-1212
UNIVERSITY OF CHICAGO
ANISOTROPIC PROPAGATION OF SOLAR PROTONS DEDUCED FROM SIMULTANEOUS OBSERVATIONS BY EARTH SATELLITES AND THE MARINER -IV SPACE PROBE
PHYS REV LETTERS V18 N26 PP1212-1217 27 JUN 1966
OAR ACCESS NO.....000625-006
BY O GALLAGHER J J
SIMPSON J A
DOC NUMBER.....AD652951
INSTR...AF-49(638)-01647
PROJECT/TASK.....9751/04

AFOSR 67-1213
UNIVERSITY OF CALIFORNIA
SUPERCONDUCTIVITY OF LANTHANUM AND LANTHANUM COMPOUNDS AT ZERO AND HIGH PRESSURE
J PHYS CHEM SOLIDS V28 PP969-976 1967
OAR ACCESS NO.....010840-050
BY SMITH T F
LUO H L
DOC NUMBER.....AD652990
INSTR...AF-AFOSR-0631-64
PROJECT/TASK.....9763/02

AFOSR 67-1215
FRANKLIN INSTITUTE
A GAMMA RAY DETECTING SYSTEM FINAL REPORT MAY 1967
OAR ACCESS NO.....022160-001
BY VAN PATTER D M
HINRICHSEN P F
DOC NUMBER.....AD653217
INSTR...AF-AFOSR-1110-66
PROJECT/TASK.....9751/02

AFOSR 67-1216
CORNELL UNIVERSITY
SURFACE EFFECTS IN SEEDED COMBUSTION PRODUCTS /PROCEEDINGS OF A SPECIALISTS MEETING AGARD PROPULSION AND ENERGETICS PANEL UNIVERSITY OF PISA PISA ITALY 6-10 SEPTEMBER 1965
OAR ACCESS NO.....001042-008
BY TUCCORI D L
DOC NUMBER.....AD653210
INSTR...AF-49(638)-01366
PROJECT/TASK.....9783/02

AFOSR 67-1218
UNIVERSITY OF MASSACHUSETTS
POLARIZATION OF LIGHT FROM /ELECTRON-HELIUM/ COLLISIONS
PHYS REV V153 N1 PP152-156 5 JAN 67
OAR ACCESS NO.....013320-002
BY SOLTYSIK E A
FOURNIER A Y
GRAY R L
DOC NUMBER.....AD693307
INSTR...AF-AFOSR-0218-63
PROJECT/TASK.....9767/01

AFOSR 67-1221
YALE UNIVERSITY
FINE STRUCTURE OF /FOURTH ENERGY/ LEVELS OF /SINGLY IONIZED HELIUM
PHYS REV LETTERS V16 N5 PP163-165 31 JAN 66
OAR ACCESS NO.....012313-005
BY LEA K R
LEVENTHAL M
LAMB W E JR
DOC NUMBER.....AD653299
INSTR...AF-AFOSR-0249-65
PROJECT/TASK.....9767/02

AFOSR 67-1222
YALE UNIVERSITY
MEASUREMENT OF THE QUANTUM-ELECTRODYNAMIC LEVEL SHIFT IN THE /THIRD EXCITED STATE OF SINGLY IONIZED HELIUM/
PHYS REV LETTERS V15 N26 PP1013-1015 27 DEC 65
OAR ACCESS NO.....012313-006
BY LEVENTHAL M
LEA K R
LAMB W E JR
DOC NUMBER.....AD653300
INSTR...AF-AFOSR-0249-65
PROJECT/TASK.....9767/02

AFOSR 67-1224
UNIVERSITY OF CALIFORNIA
LATTICE PARAMETERS OF IRON-RICH IRON-GALLIUM ALLOYS
TRANS MET SOC AIME V239 PP119-120 JAN 1967
OAR ACCESS NO.....018830-051
BY LUO H L
DOC NUMBER.....AD653304
INSTR...AF-AFOSR-0631-64
PROJECT/TASK.....9763/02

AFOSR 67-1225
STANFORD UNIVERSITY
THE 9.1-/CENTIMETER/ SPECTROHELIOGRAM OF MAY 20 1966
J GEOPHYS RES V72 N1 PP37-38 1 JAN 67
OAR ACCESS NO.....000140-011
BY BRACEWELL R N
DEUTCH J
DOC NUMBER.....AD653352
INSTR...AF-18(603)-00053
PROJECT/TASK.....9767/02

AFOSR 67-1226
INNSBRUCK UNIVERSITY
THE INFLUENCE OF FINITE ELECTRICAL CONDUCTIVITY ON THE DEVELOPMENT OF A MAGNETICALLY DRIVEN SHOCK IN MGO-<BETA MUCH LESS THAN ONE@-APPROXIMATION
J APPL MATH PHYS V18 N1 PP85-92 1967
OAR ACCESS NO.....013251-003
BY FRIEDEL H
DOC NUMBER.....AD653329
INSTR...F61052-67-C-0014
PROJECT/TASK.....9752/01

AFOSR 67-1227
COLUMBIA UNIVERSITY
PRESSURE DERIVATIVES OF THE SOUND VELOCITIES OF POLYCRYSTALLINE FORSTERITE WITH 6 PER CENT POROSITY
J GEOPHYS RES V72 N2 PP762-764 15 JAN 67
OAR ACCESS NO.....019250-011
BY SCHREIBER E
ANDERSON O L
DOC NUMBER.....AD650449
INSTR...AF-49(638)-01355
PROJECT/TASK.....8652/00

AFOSR 67-1228
MASSACHUSETTS INSYITUTE OF TECHNOLOGY
FREE OSCILLATIONS AFTERSHOCKS AND Q
GEOPHYSICAL MONOGRAPH #10 THE EARTH BENEATH THE CONTINENTS ED BY JOHN S STEINHART AND T JEFFERSON SMITH PP490-501 AMERICAN GEOPHYSICAL UNION WASHINGTON D C 1966
OAR ACCESS NO.....020510-003
BY PRESS F
DOC NUMBER.....AD653323
INSTR...AF-49(638)-01632

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POLYTECHNIC INSTITUTE OF BROOKLYN
INCLUSION - PROBABILITY - OPTIMAL CONTROL
PIBMRI 1368-67 MAY 1967
OAR ACCESS NO.....001685-031
BY VAN NELLAERT L J
DOC NUMBER.....AD655387
INSTR...AF-49(638)-01402
PROJECT.....4751

AFOSR 67-1240
UNIVERSITY OF TEXAS
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OAR ACCESS NO.....015242-009
BY WATSON R C
MAHMOUNT C D
DOC NUMBER.....AD655080
INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....4751/00

AFOSR 67-1231
BATTELLE MEMORIAL INSTITUTE
EVALUATION OF SOME TRANSPORT INTEGRALS II
J APPL PHYS V37 N12 PP4364-4366 NOV 1966
OAR ACCESS NO.....012201-004
BY GLASSER M L
WOOD V E
DDC NUMBER.....AD653375
INSTR...AF-AFOSR-0260-66
PROJECT/TASK.....9761/01

AFOSR 67-1232
UNIVERSITY OF CALIFORNIA
CHEMISTRY OF POSITIVE IONS VI POSITIVE-ION CHEMISTRY IN SOLID METHANE
J CHEM PHYS V45 N12 PP4481-4492 15 DEC 1966
OAR ACCESS NO.....012962-004
BY DAVIS D R
LIBBY W F
WEINSTEIN M G
DDC NUMBER.....AD653381
INSTR...AF-AFOSR-0245-65
PROJECT/TASK.....9710/03

AFOSR 67-1233
UNIVERSITY OF TEXAS
HOT PLASMA IN A CYLINDRICAL WAVEGUIDE
PHYS FLUIDS V10 N2 PP428-435 FEB 1967
OAR ACCESS NO.....015241-004
BY SWANSON D G
DDC NUMBER.....AD653373
INSTR...AF-AFOSR-0766-66
PROJECT/TASK.....4751/00

AFOSR 67-1234
TUFTS UNIVERSITY
COMPENSATION FOR AUDITORY RE-ARRANGEMENT IN THE ABSENCE OF OBSERVER MOVEMENT
PERCEPTUAL MOTOR SKILLS V24 N2 PP475-478 APR 1967
OAR ACCESS NO.....014320-012
BY KALIL R
FREEDMAN S J
DDC NUMBER.....AD653358
INSTR...AF-49(638)-01282
PROJECT/TASK.....9778/01

AFOSR 67-1235
UNIVERSITY OF ARIZONA
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EXP METHODS OF MATER RES ED BY HERBERT HERMAN PP279-299 INTERSCIENCE PUB DIV JOHN WILEY & SONS NEW YORK 1967
OAR ACCESS NO.....006111-005
BY TOMIZUKA C T
DDC NUMBER.....AD653386
INSTR...AF-AFOSR-0105-63
PROJECT/TASK.....9763/02

AFOSR 67-1236
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
SOLID HELIX MAGNETS FOR LARGE VOLUME PULSED HIGH FIELDS
REV SCI INSTR V38 N3 PP440-442 MAR 67
OAR ACCESS NO.....007911-108
BY BITTER F
FISHER W G
DDC NUMBER.....AD653357
INSTR...AF-49(638)-0146A
PROJECT/TASK.....9764/01

AFOSR 67-1237
UNIVERSITY OF CALIFORNIA
SUPERCONDUCTING TRANSITIONS IN BODY-CENTERED CUBIC THALLIUM -INDIUM ALLOYS
PHYS REV V158 N2 PP436-438 10 FEB 67
OAR ACCESS NO.....018830-052
BY LUO H L
WILLENS R H
DDC NUMBER.....AD653088
INSTR...AF-AFOSR-0631-64
PROJECT/TASK.....9763/02

AFOSR 67-1238
NEW YORK UNIVERSITY
A NOTE ON PROBLEMS WITH PERIODIC TARGET SETS
IEEE TRANS AUTO CONTROL VAC-12 N1 PP104-105 FEB 1967
OAR ACCESS NO.....012982-001
BY KLOP H
SANACHIK P
DDC NUMBER.....AD652932
INSTR...AF-AFOSR-0747-66
PROJECT/TASK.....9749/01

AFOSR 67-1239
UNIVERSITY OF CALIFORNIA
MELTING POINTS AT HIGH COMPRESSIONS FROM ZERO-COMPRESSION PROPERTIES THROUGH THE KENNEDY RELATION
PHYS REV LETTERS V17 N8 PP423-424 22 AUG 1966
OAR ACCESS NO.....012962-005
BY LIBBY W F
DDC NUMBER.....AD653382
INSTR...AF-AFOSR-0245-65
PROJECT/TASK.....9710/03

AFOSR 67-1240
UNIVERSITY OF CALIFORNIA
POWER-ASSOCIATIVE ALGEBRAS IN WHICH EVERY SUBALGEBRA IS AN IDEAL
PACIFIC J MATH V20 N3 PP481-485 1967
OAR ACCESS NO.....014930-018
BY OUTCALT D L
DDC NUMBER.....AD653316
INSTR...AF-AFOSR-0698-65
PROJECT/TASK.....9749/01

AFOSR 67-1241
OHIO UNIVERSITY
THE NEUTRON-NUCLEUS INTERACTION
NUOVO CIMENTO SER X V47 PP303-305 11 FEB 1967
OAR ACCESS NO.....010880-006
BY CASSOLA R L
KOSHEL H D
DDC NUMBER.....AD653309
INSTR...AF-AFOSR-0854-65
PROJECT/TASK.....761/01

AFOSR 67-1242
UNIVERSITY OF CALIFORNIA
A GENERALIZATION OF WEDDERBURNS THEOREM
PROC AM MATH SOC V18 N1 PP175-177 FEB 67
OAR ACCESS NO.....014930-019
BY OUTCALT D L
YAQUB A
DDC NUMBER.....AD653315
INSTR...AF-AFOSR-0698-65
PROJECT/TASK.....9749/01

AFOSR 67-1243
ROYAL UNIVERSITY OF UPPSALA
BIPOLAR EXPANSION OF SCREENED COULOMB POTENTIALS HELMHOLTZ SOLID HARMONICS AND THEIR ADDITION THEOREMS
J MATH PHYS V7 N10 PP1841-1860 OCT 66
OAR ACCESS NO.....023372-001
BY NOZAWA R
DDC NUMBER.....AD653320
INSTR...AF-61(052)-00874
PROJECT/TASK.....9767/01

AFOSR 67-1244
ROYAL UNIVERSITY OF UPPSALA
LINKED CLUSTER THEOREM AND THE GREENS FUNCTION EQUATIONS OF MOTION FOR A MANY-FERMION SYSTEM
J MATH PHYS V7 N10 PP1836-1840 OCT 66
OAR ACCESS NO.....023372-002
BY KODE O H
DDC NUMBER.....AD653321
INSTR...AF-61(052)-00874
PROJECT/TASK.....9767/01

AFOSR 67-1245
OKLAHOMA UNIV RESEARCH INSTITUTE
THERMODYNAMIC ANALYSIS OF VAPOR-LIQUID AND VAPOR-SOLID EQUILIBRIA DATA TO OBTAIN INTERACTION SECOND VIRIAL COEFFICIENTS
ADVAN CRYOG ENG V12 PP741-753 1967
OAR ACCESS NO.....020156-002
BY CHIU C H
CANFIELD F H
DDC NUMBER.....AD653369
INSTR...AF-AFOSR-1020-66
PROJECT/TASK.....9760/03

AFOSR 67-1246
DUKE UNIVERSITY
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OAR ACCESS NO.....000922-003
BY COHEN S I
DDC NUMBER.....AD653594
INSTR...AF-AFOSR-0057-64
PROJECT/TASK.....9779/01

AFOSR 67-1248
NEW YORK UNIVERSITY
DRAG ON AN OBJECT IN NEARLY-FREE MOLECULAR FLOW
PHYS FLUIDS V7 N8 PP1262-1269 AUG 1964
OAR ACCESS NO.....008271-010
BY ROSE W H
INSTR...AF-AFOSR-0266-62
PROJECT/TASK.....9749/01

AFOSR 67-1248
NEW YORK UNIVERSITY
DRAG ON AN OBJECT IN NEARLY-FREE MOLECULAR FLOW
PHYS FLUIDS V7 N8 PP1262-1269 AUG 1964
OAR ACCESS NO.....008271-011
BY ROSE W H
DDC NUMBER.....AD653384
INSTR...AF-AFOSR-0266-62
PROJECT/TASK.....9749/01

AFOSR 67-1249
NEW YORK UNIVERSITY
UNIFORM ASYMPTOTIC SOLUTIONS OF DISCONTINUOUS INITIAL VALUE PROBLEMS FOR DISPERSIVE HYPERBOLIC EQUATIONS
QUART APPL MATH V25 N1 PP31-44 APR 67
OAR ACCESS NO.....000333-004
BY BOERSMA J
DDC NUMBER.....AD653283
INSTR...AF-AFOSR-0537-64
PROJECT/TASK.....9749/02

AFOSR 67-1250
GEORGE WASHINGTON UNIVERSITY
A LOWER BOUND FOR DISCRIMINATION INFORMATION IN TERMS OF VARIATION
IEEE TRANS INFORM THEORY V11-13 N1 PP126-127 JAN 1967
OAR ACCESS NO.....018120-005
BY KULLBACK S
DDC NUMBER.....AD653306
INSTR...AF-AFOSR-0932-65
PROJECT/TASK.....9749/02

AFOSR 67-1251
YALE UNIVERSITY
SOLUTION OF THE RESTRICTED PROBLEM OF THREE BODIES BY POWER SERIES
ASTRON J V71 N10 PP968-975 DEC 66
OAR ACCESS NO.....011494-002
BY SZEBEHELY V
DDC NUMBER.....AD653301
INSTR...AF-AFOSR-0397-67
PROJECT/TASK.....9749/01

AFOSR 67-1252
COLUMBIA UNIVERSITY
ON THE MAGNETOSPHERES OF SELF-GRAVITATING BODIES
ASTROPHYS J V148 PP291-293 APR 1967
OAR ACCESS NO.....019290-010
BY WOLTJER L
DDC NUMBER.....AD653324
INSTR...AF-49(638)01358
PROJECT/TASK.....9776/01

AFOSR 67-1253
COLUMBIA UNIVERSITY
DISLOCATION VELOCITIES IN A TWO-DIMENSIONAL MODEL
PHYS REV V152 N2 PP630-644 9 DEC 66
OAR ACCESS NO.....007341-007
BY HARTL W F
WEINER J H
DDC NUMBER.....AD653303
INSTR...AF-AFOSR-0228-67
PROJECT/TASK.....9761/01

AFOSR 67-1254
POMONA COLLEGE
X-RAY ABSORPTION IN THE 2-TO-200 A REGION
OAR ACCESS NO.....002143-005
BY MENKE B L
ELGIN R L
LENT R E
LEDINGHAM W M
DDC NUMBER.....AD653315
INSTR...AF-AFOSR-0689-66
PROJECT/TASK.....9767/01

AFOSR 67-1255
UNIVERSITY OF TEXAS
ON COUPLED VAN DER POL OSCILLATORS
IEEE TRANS CIRCUIT THEORY VCT-13 N4 PP465-469 DEC 1966
OAR ACCESS NO.....015240-012
BY AGGARWAL J K
MECHIE C G
DDC NUMBER.....AD653305
INSTR...AF-AFOSR-0700-65
PROJECT/TASK.....9751/00

AFOSR 67-1256
CLARK UNIVERSITY
NEW SUBMINIATURE AMPLIFIER-TRANSMITTERS FOR TELEMETERING BIOPOTENTIALS
ELECTROENCEPHALOG CLIN NEUROPHYSIOL V22 PP275-277 1967
OAR ACCESS NO.....020460-001
BY SKUTT H R
BESCHLE F G
MOULTON D G
KOELLA W P
DDC NUMBER.....AD653319
INSTR...AF-AFOSR-1096-66
PROJECT/TASK.....9777/01

AFOSR 67-1257
GRUMMAN AIRCRAFT ENGINEERING CORPORATION
ON THE CLASSIFICATION OF SINGULAR AND NONSINGULAR EXTREMALS FOR THE PONTRYAGIN MAXIMUM PRINCIPLE
J MATH ANAL APPL V17 N1 JAN 1967
OAR ACCESS NO.....013763-006
BY DUBIN J C
DDC NUMBER.....AD653356
INSTR...AF-49(638)01512
PROJECT/TASK.....9749/01

AFOSR 67-1258
CORNELL UNIVERSITY
EXPANSION OF UNIFORM GAS CLOUDS INTO A VACUUM
AIAA J V5 N2 PP378-380 FEB 1967
OAR ACCESS NO.....001062-004
BY HOSHIZAKI H
DDC NUMBER.....AD653325
INSTR...AF-49(638)01346
PROJECT/TASK.....9749/02

AFOSR 67-1259
STANFORD UNIVERSITY
THE ANALYSIS OF EXPERIMENTAL DATA OBTAINED FROM STABILITY STUDIES ON ELASTIC COLUMN AND PLATE STRUCTURES
ISRAEL J TECH V5 N1-2 PP104-113 1967
OAR ACCESS NO.....017730-001
BY HORTON W H
CUNDARI F L
JOHNSON W B
DDC NUMBER.....AD653320
INSTR...AF-49(638)01495
PROJECT/TASK.....9782/01

AFOSR 67-1260
STANFORD UNIVERSITY
STABILITY INDICATIVE FUNCTION AND ITS APPLICATION TO SYSTEMS WITH TIME DELAY
INGENIEUR-ARCHIV V35 N5 PP312-334 1967
OAR ACCESS NO.....015240-011
BY WASHIRAGE Y
PLUGGE-LOETZ I
DDC NUMBER.....AD653327
INSTR...AF-49(638)01831
PROJECT/TASK.....9749/01

AFOSR 67-1261
CALIFORNIA INSTITUTE OF TECHNOLOGY
SIMPLIFICATION AND SYMMETRIZATION OF THE FIXMAN RELATION FOR VISCOSITY OF CRITICAL MIXTURES
J CHEM PHYS V46 NS PP2013-2014 1 MAR 1967
OAR ACCESS NO.....014810-020
BY PINGS C J
DDC NUMBER.....AD653293
INSTR...AF-49(638)01273
PROJECT/TASK.....9710/03

AFOSR 67-1262
CASE INSTITUTE OF TECHNOLOGY
MECHANICAL PROPERTIES OF SOME TANTALUM ALLOYS
CAN J PHYS V45 N2 PT3 PP1047-1062 FEB 67
OAR ACCESS NO.....016580-003
BY MITCHELL T E
PAFFO P L
DDC NUMBER.....AD653379
INSTR...AF-AFOSR-0829-65
PROJECT/TASK.....9763/01

AFOSR 67-1263
COLUMBIA UNIVERSITY
SOME REMARKS ON THE STABILITY OF HYDROMAGNETIC SHOCK WAVES
PROC SYMP APPL MATH V18 MAGNETO-FLUID AND PLASMA DYNAMICS PP1-16 AMERICAN MATHEMATICAL SOCIETY 1967
OAR ACCESS NO.....009582-016
BY CHU C K
DDC NUMBER.....AD653359
INSTR...AF-49(638)01254
PROJECT/TASK.....9752/01

AFOSR 67-1264
BROWN UNIVERSITY
ATTAINABLE SETS AND GENERALIZED GEODESIC SPHERES
J DIFFERENTIAL EQUATIONS V3 N2 PP256-279 APR 1967
OAR ACCESS NO.....019591-008
BY HERMES H G
DDC NUMBER.....AD653317
INSTR...AF-AFOSR-0693-65
PROJECT/TASK.....9749/01

AFOSR 67-1265
CARNEGIE INSTITUTE OF TECHNOLOGY
THE LAPLACE TRANSFORM AND INITIAL-BOUNDARY VALUE PROBLEMS
J MATH ANAL APPL V15 N1 OCT 1966
OAR ACCESS NO.....001574-001
BY MACCAMY R C
DDC NUMBER.....AD653318
INSTR...AF-AFOSR-0647-66
PROJECT/TASK.....9749/02

AFOSR 67-1269
STANFORD UNIVERSITY
NONSYMMETRIC BUCKLE PATTERNS IN PROGRESSIVE PLASTIC BUCKLING
EXPTL MECH SEPT 1966
OAR ACCESS NO.....017230-002
BY HORTON W H
BAILEY S C
EDWARDS A M
DDC NUMBER.....AD653281
INSTR...AF-49(638)01495
PROJECT/TASK.....9782/01

AFOSR 67-1270
MCMASTER UNIVERSITY
H AND F NUCLEAR MAGNETIC RESONANCE SPECTRA OF THE ADDUCT HFSUB3BSUB2O /BORON TRIFLUORIDE - MONOHYDRATE/
CAN J CHEM V45 PP859-863 1967
OAR ACCESS NO.....021030-001
BY GILLESPIE R J
HARTMAN J S
DDC NUMBER.....AD653389
INSTR...AF-AFOSR-1127-66
PROJECT/TASK.....9710/01

AFOSR 67-1271
UNIVERSITY OF MINNESOTA
SOME LIMIT THEOREMS FOR A GENERAL MARKOV PROCESS
Z WAHRSCHEINLICHKEITSTHEORIE VERW GEB 6 PP206-223 1966
OAR ACCESS NO.....000416-002
BY JAIN N C
DDC NUMBER.....AD653308
INSTR...AF-AFOSR-0381-66
PROJECT/TASK.....9749/02

AFOSR 67-1272
GRUMMAN AIRCRAFT ENGINEERING CORPORATION
DISTRIBUTIONS AND THE BOUNDARY VALUES OF ANALYTIC FUNCTIONS
ACADEMIC PRESS NEW YORK AND LONDON 1966
OAR ACCESS NO.....013763-007
BY ELLIHAM E J
KOHLENS W H
DDC NUMBER.....AD653475
INSTR...AF-49(638)01512
PROJECT/TASK.....9749/01

AFOSR 67-1273
UNIVERSITY OF PISA
HOLOMORPH CONVEXITY IN THE SPACE OF CYCLES OF AN ALGEBRAIC VARIETY
ANNALI DELLA SCUOLA NORMALE SUPERIORE DI PISA CLASSE DI SCIENZE V21 N1 67
OAR ACCESS NO.....016790-008
BY ANDREOTTI A
NORGUET F
DDC NUMBER.....AD653297
INSTR...AF-EOAR-0042-65
PROJECT/TASK.....9749/02

AFOSR 67-1274
UNIVERSITY OF CALIFORNIA
SOME RESULTS ON FINITE SEMIGROUPS
J ALGEBRA V4 N3 NOV 66
OAR ACCESS NO.....017350-002
BY RHODES J L
DDC NUMBER.....AD653310
INSTR...AF-AFOSR-0848-65
PROJECT/TASK.....9769/01

AFOSR 67-1275
YALE UNIVERSITY
OBJECTIVITY IN QUANTUM MECHANICS
DELAWARE SEMINAR IN THE FOUNDATIONS OF PHYSICS ED BY M BUNGE PP181-187 NEW YORK BERLIN HEIDELBERG SPRINGER-VERLAG 1967
OAR ACCESS NO.....032121-004
BY MARGENAU H
PARK J
DDC NUMBER.....AD653378
INSTR...AF-AFOSR-0843-65
PROJECT/TASK.....9767/02

AFOSR 67-1276
UNIVERSITY OF CALIFORNIA
THE UNIQUENESS OF SOLUTIONS OF THE HEAT EQUATION IN AN INFINITE STRIP
TRANS AM MATH SOC V125 N2 PP328-361 NOV 66
OAR ACCESS NO.....000103-003
BY SHAPIRO V L
DDC NUMBER.....AD653255
INSTR...AF-AFOSR-0698-64
PROJECT/TASK.....9769/02

AFOSR 67-1277
UNIVERSITY OF ILLINOIS
SELF-LOCKING OF MODES IN THE ARGON-ION LASER
APPL PHYS LETTERS V9 N8 PP281-282 15 OCT 66
OAR ACCESS NO.....004713-002
BY GADOY O L
SCHAEFER F M
DDC NUMBER.....AD653257
INSTR...AF-AFOSR-0390-65
PROJECT/TASK.....9767/02

AFOSR 67-1278
BROWN UNIVERSITY
STABILITY OF STOCHASTIC DYNAMICAL SYSTEMS
ADVANCES IN CONTROL SYSTEMS V4 PP73-102 NEW YORK ACADEMIC PRESS 1966
OAR ACCESS NO.....019550-014
BY KUSHNER H J
DDC NUMBER.....AD653381
INSTR...AF-AFOSR-0693-64
PROJECT/TASK.....9749/01

AFOSR 67-1279
UNIVERSITY OF ROCHESTER
RELATIVISTIC STATISTICAL MECHANICS AND BLACKBODY RADIATION
PHYS REV V155 N1 PP10-19 MAR 1967
OAR ACCESS NO.....004623-009
BY EBERLY J H
KUJAWSKI A
DDC NUMBER.....AD653256
INSTR...AF-AFOSR-0237-65
PROJECT/TASK.....9767/02

AFOSR 67-1280
BROWN UNIVERSITY
KINETIC MODELS FOR A GAS WITH INTERNAL STRUCTURE
PHYS FLUIDS V10 N2 PP345-353 FEB 1967
OAR ACCESS NO.....013970-002
BY HANSON F B
MORSE T F
DDC NUMBER.....AD653296
INSTR...AF-49(638)-01326
PROJECT/TASK.....9783/01

AFOSR 67-1281
ROYAL UNIVERSITY OF UPPSALA
HEAT ENERGY CRITERION AND THE PRINCIPLE OF COMPENSATION OF DANGEROUS DIAGRAMS
ANN PHYS V40 N4 PP405-415 DEC 66
OAR ACCESS NO.....023172-003
BY KOME O H
DDC NUMBER.....AD653322
INSTR...AF-61(052)-00874
PROJECT/TASK.....9767/01

AFOSR 67-1282
PURDUE UNIVERSITY
A HILLCLIMBING TECHNIQUE USING PIECEWISE CUBIC APPROXIMATION
OAR ACCESS NO.....010700-005
BY HILL J C
DDC NUMBER.....AD653215
INSTR...AF-AFOSR-0351-67
PROJECT/TASK.....9769/01

AFOSR 67-1283
UNIVERSITY OF GEORGIA
THE REVERSIBLE THERMAL DECOMPOSITION OF TRIPHENYLMETHYLPEROXY RADICAL TO TRIPHENYLMETHYL RADICAL AND OXYGEN
J AM CHEM SOC V89 N5 PP1178-1183 1 MAR 1967
OAR ACCESS NO.....021690-001
BY JANZEN E G
JOHNSTON E J
AYERS C L
DDC NUMBER.....AD653259
INSTR...AF-AFOSR-1369-66
PROJECT/TASK.....9767/03

AFOSR 67-1284
LUND UNIVERSITY
A PHOTOMETRIC DEVICE FOR THE IDENTIFICATION OF MULTIPLY CHARGED PARTICLES STOPPING IN NUCLEAR EMULSIONS
ARKIV FYSIK V36 N13 PP139-152 1967
OAR ACCESS NO.....004844-001
BY KRISTIANSSON K
LADD A
MALMQVIST L
DDC NUMBER.....AD653254
INSTR...AF-EOAR -0035-66
PROJECT/TASK.....9751/04

AFOSR 67-1285
LUND UNIVERSITY
LOW ENERGY HEAVY PRIMARY PARTICLES IN COSMIC RADIATION
ARKIV FYSIK V34 N3 PP31-38 1967
OAR ACCESS NO.....004844-002
BY MALMQVIST L
DDC NUMBER.....AD653355
INSTR...AF-EOAR -0035-66
PROJECT/TASK.....9751/04

AFOSR 67-1287
DUKE UNIVERSITY
THE SURFACE EFFECTS DUE TO BODY FORCES IN THE INTERIOR OF AN ELASTIC HALF-SPACE
ARCH MECH STOS V3 N1-2 PP403-421 1966
OAR ACCESS NO.....000392-003
BY SNEDDON I N
DDC NUMBER.....AD653495
INSTR...AF-AFOSR-0162-67
PROJECT/TASK.....9769/01

AFOSR 67-1288
SOUTHWEST RESEARCH INSTITUTE
NONDESTRUCTIVE EVALUATION OF METAL FATIGUE
OAR ACCESS NO.....018571-002
BY ZUSENBERGER F N
LEONARD H F
HARTON J R
DONALDSON W L
DDC NUMBER.....AD653587
INSTR...AF-49(638)-01552
PROJECT/TASK.....9782/01

AFOSR 67-1289
JOHNS HOPKINS UNIVERSITY
ON THE POINT SPECTRUM OF A TOEPLITZ OPERATOR
TRANS AM MATH SOC V130 N2 PP251-286 FEB 1967
OAR ACCESS NO.....002403-006
BY CLARK D N
DDC NUMBER.....AD653501
INSTR...AF-49(638)-01382
PROJECT/TASK.....9749/02

AFOSR 67-1290
UNIVERSITY OF BRITISH COLUMBIA
ATOM RECOMBINATION FINAL REPORT JUNE 1967
OAR ACCESS NO.....012421-002
BY GORYLO E A
DDC NUMBER.....AD653611
INSTR...AF-AFOSR-0158-65
PROJECT/TASK.....9760/02

AFOSR 67-1291
ROYAL INSTITUTE OF TECHNOLOGY
ON A PHOTOMETRIC METHOD FOR CONCENTRATION DETERMINATIONS
ARKIV FOR KEMI V26 N2 PP13-26 1966
OAR ACCESS NO.....012050-011
BY WALLIN T
DDC NUMBER.....AD653492
INSTR...AF-EOAR -0008-63
PROJECT/TASK.....9710/01

AFOSR 67-1292
ROYAL INSTITUTE OF TECHNOLOGY
THE ION ACTIVITY FUNCTION - AN APPROACH TO THE STUDY OF ELECTROLYTE BEHAVIOUR IN CONCENTRATED SOLUTIONS
ELECTROCHEM PROC AUSTRALIAN CONF 1ST SYDNEY 13-15 FEB HOBART 18-20 FEB 1963 PP107-114 NEW YORK PERGAMON PRESS 1964
OAR ACCESS NO.....001070-012
BY LEIFER L
HOGFELDT E
DDC NUMBER.....AD653502
INSTR...AF-61(052)-00162
PROJECT/TASK.....9710/01

AFOSR 67-1293
ROYAL INSTITUTE OF TECHNOLOGY
STUDIES CONCERNING THE EQUILIBRIA OF POLYANIONS /SPANISH/
ANALES REAL SOC ESPAN FIS QUIM SER B-QUIMICA V62/B/ N2 PP123-130 FEB 1966
OAR ACCESS NO.....012050-012
BY SUITO E
DDC NUMBER.....AD653488
INSTR...AF-EOAR -0008-63
PROJECT/TASK.....9710/01

AFOSR 67-1294
ROYAL INSTITUTE OF TECHNOLOGY
/STUDIES CONCERNING HYDROLYSIS OF METALLIC IONS 55. VANADIUM /III/ IN 3 MOLAR KCL MEDIUM/
ANALES REAL SOC ESPAN FIS QUIM SER B-QUIMICA V62/B/ N2 PP193-196 FEB 1967
OAR ACCESS NO.....012051-002
BY SUITO E
DDC NUMBER.....AD653481
INSTR...AF-EOAR -0072-65
PROJECT/TASK.....9710/01

AFOSR 67-1298
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
HALOMETHYL-METAL COMPOUNDS VIII THE REACTION OF PHENYL /TRIHALOMETHYL/ MERCURY COMPOUNDS WITH HYDROGEN CHLORIDE
J ORGANOMETAL CHEM V8 PP29-36 1967
DAN ACCESS NO.....014231-013
BY SEYFERTH D DDC NUMBER.....AD653491
MUI J Y P INSTR...AF-AFOSR-0502-66
TODD L J PROJECT/TASK.....9762/02
DARRAGH K V

AFOSR 67-1296
STANFORD UNIVERSITY
STEREOCHEMICAL EQUILIBRIUM IN CHAIN MOLECULES
J AM CHEM SOC VM9 N8 PP1798-1804 12 APR 1967
DAN ACCESS NO.....010391-027
BY FLORY P J DDC NUMBER.....AD653477
INSTR...AF-49(638)-01341
PROJECT/TASK.....9760/03

AFOSR 67-1297
VICTORIA UNIVERSITY OF WELLINGTON
A MOSSBAUER STUDY OF IRON /III/ -1 10-PHENANTHROLINE COMPLEXES
J CHEM SOC SECT A INORG PHYS THEOR CHEM PP1491-1496 1966
DAN ACCESS NO.....011751-002
BY DUNCAN J F DDC NUMBER.....AD653435
NOK K F INSTR...AF-AFOSR-0027-65
PROJECT/TASK.....9710/03

AFOSR 67-1299
UNIVERSITY OF FLORIDA
INTENSITY OF ATOMIC FLUORESCENCE AS A FUNCTION OF ATOMIC CONCENTRATION IN ATOMIC FLUORESCENCE FLAME SPECTROMETRY
SPECTROCHIM ACTA V23B PP37-51 1967
DAN ACCESS NO.....020430-009
BY WINEFORDNER J D DDC NUMBER.....AD653419
PARSONS M L INSTR...AF-AFOSR-1033-66
MANSFIELD J M PROJECT/TASK.....9710/03
MCCARTHY W J

AFOSR 67-1300
UNIVERSITY OF FLORIDA
DERIVATION OF GENERAL EXPRESSIONS FOR QUANTUM AND POWER EFFICIENCIES FOR ATOMIC FLUORESCENCE OF ATOMS IN A HOT GAS WITH EMPHASIS ON ATOMIC FLUORESCENCE FLAME SPECTROMETRY
SPECTROCHIM ACTA V23B PP23-2E 1967
DAN ACCESS NO.....020430-010
BY MCCARTHY W J DDC NUMBER.....AD653426
PARSONS M L INSTR...AF-AFOSR-1033-66
WINEFORDNER J D PROJECT/TASK.....9710/03

AFOSR 67-1301
UNIVERSITY OF FLORIDA
COMPARISON OF LINE AND CONTINUOUS SOURCES IN ATOMIC ABSORPTION SPECTROPHOTOMETRY
ANAL CHIM ACTA V37 PP43E-444 1967
DAN ACCESS NO.....020430-011
BY DE GALAN L DDC NUMBER.....AD653427
MCGEE W W INSTR...AF-AFOSR-1033-66
WINEFORDNER J D PROJECT/TASK.....9710/03

AFOSR 67-1302
UNIVERSITY OF FLORIDA
DERIVATION OF EXPRESSIONS FOR CALCULATION OF LIMITING DETECTABLE ATOMIC CONCENTRATION IN ATOMIC FLUORESCENCE FLAME SPECTROMETRY
ANAL CHEM V39 N4 PP43E-442 APR 1967
DAN ACCESS NO.....020431-001
BY WINEFORDNER J D DDC NUMBER.....AD653403
PARSONS M L INSTR...AF-AFOSR-1033-67
MANSFIELD J M PROJECT/TASK.....9710/03
MCCARTHY W J

AFOSR 67-1303
AMERICAN UNIVERSITY OF BEIRUT
CONCENTRATED FORCE IN EIGHTH-SPACE WITH MIXED BOUNDARY CONDITIONS
DAN ACCESS NO.....013968-001
BY MIJAO M A DDC NUMBER.....AD653439
INSTR...AF-EOAR-0112-63
PROJECT/TASK.....9769/01

AFOSR 67-1305
UNIVERSITY OF FLORIDA
USE OF A CONTINUOUS SOURCE OF EXCITATION AN ARGON-HYDROGEN-AIR FLAME AND AN EXTENDED FLAME CELL FOR ATOMIC ABSORPTION FLAME SPECTROPHOTOMETRY
ANAL CHIM ACTA V37 PP427-435 1967
DAN ACCESS NO.....020430-012
BY MCGEE W W DDC NUMBER.....AD653428
WINEFORDNER J D INSTR...AF-AFOSR-1033-66
PROJECT/TASK.....9710/03

AFOSR 67-1306
ROYAL INSTITUTE OF TECHNOLOGY
/SPANISH/ STUDIES CONCERNING THE EQUILIBRIA OF POLYANIONS XIII POLYMONIZATION OF TELLURATES IN ONE MOLAR NACL SOLUTION AT 25 DEGREES C
ANALES REAL SOC ESPAN FIS QUIM SER B-QUIMICA V62/B/ N2 PP197-198 FEB 1967
DAN ACCESS NO.....012050-013
BY ORITO R DDC NUMBER.....AD653485
INSTR...AF-EOAR -0008-63
PROJECT/TASK.....9710/01

AFOSR 67-1307
ROYAL INSTITUTE OF TECHNOLOGY
STUDY ON THE HYDROLYSIS OF METAL IONS PART 56, SOLVENT EXTRACTION STUDY OF THE HYDROLYSIS OF ZINC /II/ IN 3 M NACLO AT 0C CONCENTRATION
ACTA CHEM SCAND V19 N7 PP1526-1534 1965
DAN ACCESS NO.....012051-003
BY TAISUYA S DDC NUMBER.....AD653484
INSTR...AF-EOAR -0022-65
PROJECT/TASK.....9710/01

AFOSR 67-1308
UNIVERSITY OF OSLO
ENERGY CALCULATION OF THE METASTABLE STATE OF HELIUM ION AND LITHIUM
PROC PHYS SOC V90 PP883-885 1967
DAN ACCESS NO.....014862-003
BY HOLDIEN E DDC NUMBER.....AD653433
MIDTDAL J INSTR...AF-EOAR -0033-66
PROJECT/TASK.....9760/01

AFOSR 67-1309
ROYAL INSTITUTE OF TECHNOLOGY
THE CRYSTAL STRUCTURE OF BASIC ZIRCONIUM SULPHATE TETRAHYDRATE
INORG CHEM V5 N2 PP284-289 FEB 1966
DAN ACCESS NO.....004070-013
BY NEWMAN D D DDC NUMBER.....AD653436
LUNDGEN G INSTR...AF-61/052/00162
PROJECT/TASK.....9710/01

AFOSR 67-1310
ROYAL INSTITUTE OF TECHNOLOGY
THE CRYSTAL STRUCTURE OF POTASSIUM ALUMINATE
ACTA CHEM SCAND V20 N2 PP505-515 1966
DAN ACCESS NO.....004070-014
BY JOHANSSON G DDC NUMBER.....AD653421
INSTR...AF-61/052/00162
PROJECT/TASK.....9710/01

AFOSR 67-1311
ROYAL INSTITUTE OF TECHNOLOGY
ON THE NATURE OF CHARGE-CARRIERS IN LIQUID SELENIUM CONTAINING CHLORINE
ACTA CHEM SCAND V20 N6 PP1723-1726 1966
DAN ACCESS NO.....012051-004
BY LUNDKVIST H DDC NUMBER.....AD653431
SILLEN L G INSTR...AF-EOAR -0022-65
PROJECT/TASK.....9710/01

AFOSR 67-1312
ROYAL INSTITUTE OF TECHNOLOGY
A CALORIMETRIC AND POTENTIOMETRIC STUDY OF MERCURIC BROMIDE SYSTEMS AT 25 DEGREES CENTIGRADE IN THREE MOLAR SODIUM CHLORATE MEDIUM
ARKIV FOR KEMI V24 N40 PP531-550 1965
DAN ACCESS NO.....012051-005
BY ARNEK H DDC NUMBER.....AD653429
INSTR...AF-EOAR -0022-65
PROJECT/TASK.....9710/01

AFOSR 67-1313
GENERAL PRECISION INC
RESEARCH ON THE ANALOGICAL SIMULATION OF NEURAL BEHAVIOR FINAL REPORT JUNE 1967
DAN ACCESS NO.....008501-005
BY LEWIS E R DDC NUMBER.....AD653614
INSTR...AF-49(638)-01232
PROJECT/TASK.....9777/01

AFOSR 67-1314
UNIVERSITY OF BERGEN
OBSERVATIONS OF LARGE-SCALE COHERENT PULSATING ELECTRON PRECIPITATION EVENTS IN THE AURORAL ZONE ACCOMPANIED BY GEOMAGNETIC CONTINUOUS PULSATIONS
J ATMOSPHERIC TERREST PHYS V29 N4 PP395-410 APR 1967
DAN ACCESS NO.....017170-001
BY OLLALAND S L DDC NUMBER.....AD653438
TREFALL H INSTR...AF-61/052/00869
KROGNES G PROJECT/TASK.....9751/08
SEVERNSKOFF A

AFOSR 67-1315
UNIVERSITY OF BRITISH COLUMBIA
COMPARISON THEOREMS FOR ELLIPTIC EQUATIONS ON UNBOUNDED DOMAINS
TRANS AM MATH SOC V126 N2 PP278-285 FEB 67
BY SWANSON C A
OAR ACCESS NO.....000673-001
DOC NUMBER.....AD653743
INSTR...AF-AFOSR-0379-66
PROJECT/TASK.....9749/01

AFOSR 67-1316
UNIVERSITY OF CALIFORNIA
NEUROPHARMACOLOGICAL STUD AND POSTULATES ON EXCITATION AND DEPRESSION IN THE CENTRAL NERVOUS SYSTEM
RECENT ADVANCES IN BIOLOGICAL PSYCHIATRY V9 PP313-385 1967
PLENUM PRESS 1967
BY WINTERS W D
OAR ACCESS NO.....009322-012
DOC NUMBER.....AD653680
INSTR...AF-49(638)-01387
PROJECT/TASK.....9777/01

AFOSR 67-1317
GRUMMAN AIRCRAFT ENGINEERING CORPORATION
A REALIZABILITY THEORY FOR SMOOTH LOSSLESS TRANSMISSION LINES
IEEE TRANS CIRCUIT THEORY VCT-13 N4 PP355-363 DEC 1966
BY WOHLERS M R
OAR ACCESS NO.....013763-008
DOC NUMBER.....AD653700
INSTR...AF-49(638)-01512
PROJECT/TASK.....9764/01

AFOSR 67-1318
GENERAL DYNAMICS CORP
ATTENUATION OF A SHOCK WAVE DUE TO THE NONEQUILIBRIUM IONIZATION AND RADIATION
PHYS FLUIDS V10 N2 PP269-273 FEB 1967
BY ROSCISZEWSKI J
OAR ACCESS NO.....018321-005
DOC NUMBER.....AD653679
INSTR...AF-49(638)-01556
PROJECT/TASK.....9752/01

AFOSR 67-1319
TEL-AVIV UNIVERSITY
ALGEBRAIC ASPECTS OF HILBERT NEUMANN SERIES
J MATH PHYS V7 N12 PP2174-2177 DEC 1966
BY GOTSMAN E
NEUMAN Y
OAR ACCESS NO.....021489-037
DOC NUMBER.....AD653684
INSTR...AF-EOAR-66-0039-66
PROJECT/TASK.....9751/01

AFOSR 67-1320
UNIVERSITY OF DELAWARE
ORGAN GROWTH IN THE PUFFER FISH SPHAEROIDES MACULATUS
CHESAPEAKE SCI V8 N1 PP63-65 MAR 1967
BY WILDER C G
SCHNEIDER N
OAR ACCESS NO.....020353-004
DOC NUMBER.....AD652481
INSTR...AF-AFOSR-0997-66
PROJECT/TASK.....9777/01

AFOSR 67-1321
HEBREW UNIVERSITY
THE ROLE OF EYING IN PSYCHOPHYSIOLOGICAL DETECTION
PSYCHOPHYSIOLOGY V3 N3 PP312-315 1967
BY ROSENBASS S
LIBSICH I
HERSMAN Z
OAR ACCESS NO.....013659-002
DOC NUMBER.....AD653699
INSTR...AF-61(052)-00849
PROJECT/TASK.....9778/01

AFOSR 67-1322
DUKE UNIVERSITY
ON THE LAW OF THE ITERATED LOGARITHM FOR CONTINUED FRACTIONS
DUKE MATH J V33 N3 PP431-439 SEP 1966
BY STACKELBERG O P
OAR ACCESS NO.....020383-005
DOC NUMBER.....AD653698
INSTR...AF-AFOSR-[illegible]
PROJECT/TASK.....9749/01

AFOSR 67-1323
UNIVERSITY OF CAMBRIDGE
CURRENT ALGEBRAS AND THE OMEGA
PHYS LETTERS V24B N1 PP59-60 2 JAN 1967
BY CONWAY J G
OAR ACCESS NO.....013011-014
DOC NUMBER.....AD653707
INSTR...AF-EOAR-66-0039-66
PROJECT/TASK.....9751/01

AFOSR 67-1324
UNIVERSITY COLLEGE
CORRELATION BETWEEN OPTICAL AND RADIO EMISSION FROM EXTENSIVE AIR SHOWERS AT LARGE ZENITH ANGLES
PHYS LETTERS V23 N11 PP677-678 12 DEC 1966
BY MCCUSKER C B A
[illegible]
[illegible]
[illegible]
OAR ACCESS NO.....013930-006
DOC NUMBER.....AD653702
INSTR...AF-EOAR-66-0039-66
PROJECT/TASK.....9751/04

AFOSR 67-1331
INSTITUTO CAJAL
THE PROPERTIES OF THE STRIA TERMINALIS FIBRES
PHYSIOL BEHAVIOR V2 PP225-227 1967
BY DE MOLINA A F
GARCIA-SANCHEZ J L
OAR ACCESS NO.....017681-001
DOC NUMBER.....AD653709
INSTR...AF-61(052)-00039
PROJECT/TASK.....9777/01

AFOSR 67-1332
CALIFORNIA INSTITUTE OF TECHNOLOGY
NEUTRAL OXYGEN IN LATE-TYPE STARS
ASTROPHYS J V148 N1 PP105-127 APR 1967
BY CONTI P S
GREENSTEIN J L
SPINRAD H
WALLENSTEIN G
VARDYA M S
OAR ACCESS NO.....000581-020
DOC NUMBER.....AD653824
INSTR...AF-49(638)-01383
PROJECT/TASK.....9726/01

AFOSR 67-1333
UNIVERSITY OF MILANO
IONIC THERMOCURRENTS IN DIELECTRIC SOLIDS
NUOVO CIMENTO SUPPL SERL V4 N3 PP807-829 1966
BY DUCCI C
CAPPELLETTI R
FIESCHI R
GUIDI G
PINOLA L
OAR ACCESS NO.....012681-004
DOC NUMBER.....AD653687
INSTR...AF-EOAR-0007-65
PROJECT/TASK.....9761/03

AFOSR 67-1334
ADELPHI UNIVERSITY
THE RESPONSE OF A THIN ELASTIC PLATE TO A MOVING PRESSURE POINT
Z ANGEW MATH PHYS V18 PP1-12 1967
BY PAYTON R G
OAR ACCESS NO.....017220-002
DOC NUMBER.....AD653731
INSTR...AF-AFOSR-0821-65
PROJECT/TASK.....9769/01

AFOSR 67-1335
UNIVERSITY OF WASHINGTON
ON SUBHARMONICITY OF DOUBLY SUBHARMONIC FUNCTIONS
PROC AM MATH SOC V17 N3 PP622-626 JUN 1966
BY ANSOVE W G
OAR ACCESS NO.....015660-001
DOC NUMBER.....AD653735
INSTR...AF-AFOSR-0938-65
PROJECT/TASK.....9749/02

AFOSR 67-1336
UNIVERSITY OF TEXAS
COMPUTER MODELS OF THE FIELD-EFFECT TRANSISTOR
JSEP TECHNICAL REPORT NO 33 APRIL 1967
BY ROBERTS G D JR
HARBOURT C G
OAR ACCESS NO.....015282-010
DOC NUMBER.....AD654697
INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....4751/00

AFOSR 67-1337
UNIVERSIDAD DE CHILE
BIOCHEMICAL PROFILE OF NERVE MEMBRANE FINAL REPORT FEB 1967
BY CANESSA-FISCHER M
VARGAS F
ZAMUDIO I
ZAMBRANO F
CELLINI M
OAR ACCESS NO.....016891-001
DOC NUMBER.....AD653813
INSTR...AF-AFOSR-0766-66
PROJECT/TASK.....9777/01

AFOSR 67-1339
RENSSELAER POLYTECHNIC INSTITUTE
STABILITY ANALYSIS OF PREDICTIVE CONTROL SYSTEMS
IEEE TRANS AUTO CONTROL VAC-11 N3 PP465-468 JUL 66
BY KAUFMAN H
DE RUSSO P M
OAR ACCESS NO.....011091-001
DOC NUMBER.....AD653796
INSTR...AF-49(638)-01521
PROJECT/TASK.....9761/01

AFOSR 67-1340
GRUMMAN AIRCRAFT ENGINEERING CORP
SINGULAR EXTREMALS
TOPICS IN OPTIMIZATION PP63-101 NEW YORK ACADEMIC PRESS, PP63-101 1967
BY APPLEY M J
ROSSI R E
MOYER H G
OAR ACCESS NO.....013762-013
DOC NUMBER.....AD653825
INSTR...AF-49(638)-01207
PROJECT/TASK.....9761/01

AFOSR 67-1341
UNIVERSITY COLLEGE
IONIZATION RATES IN THE INERT GASES
PROCEED J APPL PHYS VA PP1443-[illegible] APR 1967
BY [illegible]
[illegible]
OAR ACCESS NO.....[illegible]
DOC NUMBER.....[illegible]
INSTR...[illegible]
PROJECT/TASK.....[illegible]

AFOSR 67-1342
UNIVERSITY OF MILANO
F AND M TRAPS IN ALKALI HALIDES STUDIED BY MEANS OF PHOTOSTIMULATED THERMOLUMINESCENCE
NUOVO CIMENTO SERIE V4B PP119-131 11 OCT 1966
BY SCARAMELLI P
OAR ACCESS NO.....012001-005
DDC NUMBER.....AD653896
INSTR...AF-EOAR -0007-65
PROJECT/TASK.....9761/03

AFOSR 67-1343
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
HEAVILY DOPED SILICON AS A LOW TEMPERATURE TRANSMISSION FILTER FOR THE FAR INFRARED
APPL OPT V6 N5 P878 MAY 1967
BY NEURINGER L J
MILWARD R C
OAR ACCESS NO.....007912-002
DDC NUMBER.....AD653897
INSTR...F44620-67-C-0047
PROJECT/TASK.....9764/01

AFOSR 67-1344
STANFORD RESEARCH INSTITUTE
OPTOMOTOR REACTION LOCOMOTORY BIAS AND REACTIVE INHIBITION IN THE MILKWEED BUG ONCOPELTUS AND THE BEETLE ZOPHOBAS
FINAL REPORT JUNE 1967
BY WILSON D
NOY R R
OAR ACCESS NO.....010301-001
DDC NUMBER.....AD653982
INSTR...AF-49(638)-1453
PROJECT/TASK.....9777/01

AFOSR 67-1345
YALE UNIVERSITY
VIRTUAL COULOMB EXCITATION IN NUCLEON TRANSFER
PROC NATL ACAD SCI V57 N4 PP849-955 APR 1967
BY GHEIT G
OAR ACCESS NO.....001806-001
DDC NUMBER.....AD653921
INSTR...AF-AFOSR-3304-66
PROJECT/TASK.....9751/02

AFOSR 67-1346
JOHNS HOPKINS UNIVERSITY
ON THE ASYMPTOTIC FORM OF THE STREAM FUNCTION FOR THE FLOW OF AN OSEEN-LIKE FLUID PAST A PARABOLIC CYLINDER
JULY 1967
BY KAPLAN C
OAR ACCESS NO.....001173-002
DDC NUMBER.....AD655894
INSTR...AF-49(638)-01303
PROJECT/TASK.....9781/02

AFOSR 67-1347
UNIVERSITY OF TEXAS
SINGULAR POINTS OF PLANAR ORDINARY DIFFERENTIAL SYSTEMS
J DIFFERENTIAL EQUATIONS V3 N2 PP203-213 APR 1967
BY AGGARWAL J K
OAR ACCESS NO.....015242-007
DDC NUMBER.....AD654028
INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....9751/00

AFOSR 67-1348
UNIVERSITY OF CALIFORNIA
RADIATIVE TRANSFER I THE FLUX-TEMPERATURE RELATION AND NON-GRAY STELLAR ATMOSPHERES
ASTROPHYS J V148 N1 PP207-216 APR 1967
BY HENYEY L
OAR ACCESS NO.....004553-002
DDC NUMBER.....AD654021
INSTR...AF-AFOSR-0171-65
PROJECT/TASK.....9774/01

AFOSR 67-1349
UNIVERSITY OF CAMBRIDGE
CURRENT ALGEBRAS IN A PERTURBATION THEORETIC MODEL
NUOVO CIMENTO SERIE V47 PP770-785 21 FEB 67
BY HAMPRECHT B
OAR ACCESS NO.....013011-015
DDC NUMBER.....AD653908
INSTR...AF-EOAR -0036-65
PROJECT/TASK.....9751/01

AFOSR 67-1350
UNIVERSITY OF CAMBRIDGE
NONSIMPLE PHYSICAL REGION SINGULARITIES OF THE S MATRIX
NUOVO CIMENTO SERIE V48 PP593-616 APR 67
BY STORROW J K
OAR ACCESS NO.....013010-050
DDC NUMBER.....AD653909
INSTR...AF-EOAR -0079-63
PROJECT/TASK.....9750/01

AFOSR 67-1351
UNIVERSITY OF COLORADO
THE TWO USES OF NONCOMPACT GROUP IN PARTICLE PHYSICS AND THEIR PHYSICAL APPLICATIONS
NONCOMPACT GROUPS IN PARTICLE PHYSICS ED BY Y CHOW W A BENJAMIN N Y 1966
BY BARUT A O
OAR ACCESS NO.....013001-005
DDC NUMBER.....AD653873
INSTR...AF-AFOSR-0030-65
PROJECT/TASK.....9751/01

AFOSR 67-1352
BROWN UNIVERSITY
DYNAMICAL EQUATIONS FOR OPTIMAL NONLINEAR FILTERING
J DIFFERENTIAL EQUATIONS V3 N2 PP179-190 APR 1967
BY KUSHNER H J
OAR ACCESS NO.....019900-015
DDC NUMBER.....AD653910
INSTR...AF-AFOSR-0693-66
PROJECT/TASK.....9769/01

AFOSR 67-1353
UNIVERSITY OF NORTH CAROLINA
NUCLEAR SPIN-LATTICE RELAXATION IN ALKALI HALIDES AT LOW TEMPERATURES
PHYS REV V155 N2 PP272-278 10 MAR 67
BY BRISCOE C V
TARR C E
STACEY L M
OAR ACCESS NO.....011001-001
DDC NUMBER.....AD653913
INSTR...AF-AFOSR-0645-64
PROJECT/TASK.....9763/01

AFOSR 67-1354
UNIVERSITY OF ALABAMA
RADIATION FROM RELATIVISTIC ELECTRONS FINAL REPORT APRIL 1967
BY WHITEHURST R N
OAR ACCESS NO.....008642-001
DDC NUMBER.....AD816182
INSTR...AF-AFOSR-0295-65
PROJECT/TASK.....9767/02

AFOSR 67-1355
UNIVERSITY OF WASHINGTON
ON THE EXISTENCE OF NON-TANGENTIAL LIMITS OF SUBHARMONIC FUNCTIONS
J LONDON MATH SOC V42 PP125-132 67
BY AHSOVE M G
HUBER A
OAR ACCESS NO.....015640-002
DDC NUMBER.....AD653895
INSTR...AF-AFOSR-0936-65
PROJECT/TASK.....9749/02

AFOSR 67-1356
UNIVERSITY OF NEW SOUTH WALES
ANGULAR FUNCTIONS FOR A THREE NUCLEON SYSTEM
NUCL PHYS V8B PP361-372 1966
BY DAVIES B
OAR ACCESS NO.....011211-001
DDC NUMBER.....AD653911
INSTR...AF-AFOSR-0685-64
PROJECT/TASK.....9751/02

AFOSR 67-1357
BOSTON UNIVERSITY
A POSSIBLE STRUCTURE FOR C-VIOLATING ELECTROMAGNETIC INTERACTIONS
NUOVO CIMENTO SERIE V48 PP454-465 21 MAR 1967
BY NOWAK P
YUN S K
OAR ACCESS NO.....011362-013
DDC NUMBER.....AD653919
INSTR...AF-AFOSR-0385-65
PROJECT/TASK.....9751/01

AFOSR 67-1358
MCMASTER UNIVERSITY
THE PREPARATION AND STRUCTURE OF ZIRCONIA SPHERES
MATER RES BULL V2 N4 PP427-435 1967
BY MADEYSKI A
SMELTZER W W
OAR ACCESS NO.....005703-006
DDC NUMBER.....AD653833
INSTR...AF-AFOSR-0515-66
PROJECT/TASK.....9763/01

AFOSR 67-1359
UNIVERSITY OF NEW SOUTH WALES
MATRIX ELEMENTS FOR A THREE-NUCLEON SYSTEM /II/
NUCL PHYS V79 PP427-436 1966
BY DAVIES B
OAR ACCESS NO.....011211-002
DDC NUMBER.....AD653914
INSTR...AF-AFOSR-0485-64
PROJECT/TASK.....9751/02

AFOSR 67-1360
UNIVERSITY OF NEW SOUTH WALES
MATRIX ELEMENTS FOR A THREE-NUCLEON SYSTEM /I/
NUCL PHYS V73 PP193-205 1965
BY DAVIES B
OAR ACCESS NO.....011211-003
DDC NUMBER.....AD653912
INSTR...AF-AFOSR-0685-64
PROJECT/TASK.....9751/02

AFOSR 67-1361
NORTH AMERICAN AVIATION INC
A FREE BOUNDARY PROBLEM FOR THE HEAT EQUATION WITH PRESCRIBED FLUX AT BOTH FIXED FACE AND MELTING INTERFACE
QUART APPL MATH V25 N1 APR 67
BY SHERMAN B
OAR ACCESS NO.....019890-001
DDC NUMBER.....AD653803
INSTR...AF-49(638)-01679
PROJECT/TASK.....9749/02

AFOSR 67-1362
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
MARIMAL IDEALS IN THE ALGEBRA OF BOUNDED HOLOMORPHIC FUNCTIONS
MICH MATH J V14 PP81-88 67
OAR ACCESS NO.....000651-019
BY KWA I
DDC NUMBER.....AD653800
INSTR...AF-AFOSR-0335-63
PROJECT/TASK.....9749/02

AFOSR 67-1363
PRINCETON UNIVERSITY
THRESHOLD BEHAVIOUR OF THREE-BODY PARTIAL-WAVE AMPLITUDES -II
NUOVO CIMENTO SER X V48 PP982-996 APR 1967
OAR ACCESS NO.....005123-007
BY HALLIDAY I G
DDC NUMBER.....AD653802
INSTR...AF-49(638)-01545
PROJECT/TASK.....9767/04

AFOSR 67-1364
UNIVERSITY OF TEXAS
EXPERIMENTAL INVESTIGATION OF HARMONIC ION CYCLOTRON WAVE PROPAGATION AND ATTENUATION
PHYS FLUIDS V10 N3 PP598-604 MAR 1967
OAR ACCESS NO.....015242-006
BY KRISTIANSEN M
DOUGAL AA
DDC NUMBER.....AD653834
INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....4751/00

AFOSR 67-1365
IMPERIAL COLLEGE
REPRESENTATION MIXING IN U-TWIDDLE-12
NUOVO CIMENTO SERK V48 PP730-736 21 FEB 67
OAR ACCESS NO.....010641-030
BY NWANCHUKU O
MAHANTA P
AKYEAMPONG O
DDC NUMBER.....AD653821
INSTR...AF-EOAR -3046-66
PROJECT/TASK.....9750/01

AFOSR 67-1366
UNIVERSITY OF COLORADO
RESONANCE DECAYS FROM U(3) DYNAMICS A REGULARITY IN THE PARTIAL DECAY WIDTHS
PHYS REV LETTERS V18 N18 1 MAY 1967
OAR ACCESS NO.....013091-006
DDC NUMBER.....AD653832
INSTR...AF-AFOSR-0030-65
PROJECT/TASK.....9751/01

AFOSR 67-1367
UNIVERSITY OF PENNSYLVANIA
INFRARED SPECTRA AND STRUCTURE OF SILICON COBALT TETRACARBONYLS
INORG CHEM V6 N4 PP686-689 APR 1967
OAR ACCESS NO.....016930-001
BY MACDIARMID A G
HAGEN A P
DDC NUMBER.....AD653829
INSTR...AF-49(638)-01519
PROJECT/TASK.....3710/02

AFOSR 67-1368
JOHN CARROLL UNIVERSITY
TEMPERATURE DEPENDENCE OF THE ELASTIC CONSTANTS OF RUBIDIUM
J PHYS CHEM SOLIDS V28 PP805-809
OAR ACCESS NO.....011201-006
BY GUTMAN F J
TRIVISONNO J
DDC NUMBER.....AD654013
INSTR...AF-AFOSR-0362-65
PROJECT/TASK.....9763/03

AFOSR 67-1369
UNIVERSITY OF CALIFORNIA
HOLOMORPHIC FUNCTIONS AND HAUSDORFF DIMENSION
ARKIV MAT V7 N2 PP33-48 67
OAR ACCESS NO.....004103-004
BY SHAPIRO V L
DDC NUMBER.....AD653907
INSTR...AF-AFOSR-0604-66
PROJECT/TASK.....9769/02

AFOSR 67-1370
UNIVERSITY OF BERGEN
SITE SELECTION FOR A SEISMIC ARRAY STATION AND CRUSTAL STUDIES IN NORWAY 1965 FINAL REPORT FEB 1967
OAR ACCESS NO.....017870-001
BY SORNES A
SELLEVOLL M A
DDC NUMBER.....AD653979
INSTR...AF-61(052)-00499
PROJECT/TASK.....4716/00

AFOSR 67-1371
CALIFORNIA INSTITUTE OF TECHNOLOGY
TYPES OF INFORMATION STORED IN SINGLE NEURONS
PROC CONF ON INVERTEBRATE NERVOUS SYSTEMS PP291-314
UNIVERSITY OF CHICAGO PRESS 1966
OAR ACCESS NO.....015410-002
BY STRUMWASSER F
DDC NUMBER.....AD653801
INSTR...AF-49(638)-01467
PROJECT/TASK.....9777/01

AFOSR 67-1372
HARVARD UNIVERSITY
FORM FACTORS AND THE PION CHARGE FORM FACTOR
PHYS REV V164 N5 PP1544-1547 25 AUG 1966
OAR ACCESS NO.....004861-033
BY NIEH H T
DDC NUMBER.....AD653837
INSTR...AF-49(638)-01380
PROJECT/TASK.....9751/01

AFOSR 67-1373
SYRACUSE UNIVERSITY
FOUNDATIONS RESEARCH IN PHYSICS
DELAWARE SEMINAR FOUND PHYS V1-STUDIES SOUND PP1-14
NEW YORK SPRINGER-VERLAG 1967
OAR ACCESS NO.....002075-001
BY BERGMANN P G
DDC NUMBER.....AD653828
INSTR...AF-AFOSR-0789-66
PROJECT/TASK.....9767/04

AFOSR 67-1374
UNIVERSITY OF FLORIDA
ENERGETIC AND ANGULAR STUDIES OF /ARGON-DEUTERIUM POSITIVE MOLECULAR ION AND NITROGEN-DEUTERIUM POSITIVE MOLECULAR ION/ FORMATION
J CHEM PHYS V45 N12 PP4385-4391 15 DEC 66
OAR ACCESS NO.....010140-003
BY DOVERSPIKE L D
CHAMPION R L
BAILEY T L
DDC NUMBER.....AD653824
INSTR...AF-AFOSR-0471-64
PROJECT/TASK.....9767/01

AFOSR 67-1375
UNIVERSITY OF FLORIDA
COLLISION-INDUCED DISSOCIATION OF /DEUTERIUM POSITIVE MOLECULAR ION/ IONS BY ARGON AND NITROGEN
J CHEM PHYS V45 N12 PP4377-4384 15 DEC 66
OAR ACCESS NO.....010140-004
BY CHAMPION R L
DOVERSPIKE L D
BAILEY T L
DDC NUMBER.....AD653823
INSTR...AF-AFOSR-0471-64
PROJECT/TASK.....9767/01

AFOSR 67-1376
STANFORD UNIVERSITY
ON STRUCTURAL PROPERTIES OF LINEAR CONSTANT MULTIVARIABLE SYSTEMS
CONGR INTERN FEDERATION AUTOM CONTROL 3RD LONDON 20-25 JUNE 1966 PP1-9
OAR ACCESS NO.....015390-001
BY KALMAN R E
DDC NUMBER.....AD653813
INSTR...AF-49(638)-01440
PROJECT/TASK.....9749/01

AFOSR 67-1377
GRUMMAN AIRCRAFT ENGINEERING CORPORATION
TRAJECTORY OPTIMIZATION TECHNIQUES
ADVANCES IN CONTROL SYSTEMS V4 PP103-155 NEW YORK ACADEMIC PRESS INC 1966
OAR ACCESS NO.....013762-014
BY KOPP R E
MOYER H G
DDC NUMBER.....AD653812
INSTR...AF-49(638)-01707
PROJECT/TASK.....9769/01

AFOSR 67-1378
DUKE UNIVERSITY
A NOTE OF GRIFFITH CRACKS
PROC EDINBURGH MATH SOC V15 SER2 PT2 PP131-134 DEC 1966
OAR ACCESS NO.....000393-006
BY LOWENGRUB M
DDC NUMBER.....AD653826
INSTR...AF-AFOSR-0435-63
PROJECT/TASK.....9749/01

AFOSR 67-1379
UNIVERSITY OF CALIFORNIA
ON CHEMILUMINESCENT RADIATION FROM NITROGEN DIOXIDE DURING PCA EVENTS
J ATMOSPHERIC TERREST PHYS V29 PP317-320 1967
OAR ACCESS NO.....006934-001
BY BROWN R R
DDC NUMBER.....AD653811
INSTR...AF-AFOSR-0331-65
PROJECT/TASK.....9751/98

AFOSR 67-1380
HARVARD UNIVERSITY
CAN THE SQUARE OF THE ISOTOPIC SPIN BE CONSERVED BUT NOT THE TOTAL ISOTOPIC SPIN
PHYS REV LETTERS V16 N12 21 MAR 1966
OAR ACCESS NO.....004861-038
BY COLEMAN S
DDC NUMBER.....AD653810
INSTR...AF-49(638)-01380
PROJECT/TASK.....9751/01

AFOSR 67-1381
HARVARD UNIVERSITY
ON THE METHOD OF DASHEN AND GELL-MANN
PHYS LETTERS V19 N2 PP144-146 1965
OAR ACCESS NO.....004861-035
BY COLEMAN S
DDC NUMBER.....AD653809
INSTR...AF-49(638)-01380
PROJECT/TASK.....9751/01

AFOSR 67-1382
UNIVERSITE LIBRE DE BRUXELLES
ON THE STATISTICAL INTERPRETATION OF THERMODYNAMIC ENTHOPY IN A STRONGLY COUPLED GAS
J CHEM PHYS V46 N2 PP702-704 15 JAN 67
OAR ACCESS NO.....000983-005
BY NICOLIS G
DOC NUMBER.....AD653815
INSTR...AF-EOAR -0052-66
PROJECT/TASK.....9751/02

AFOSR 67-1383
OXFORD UNIVERSITY
PHOTON-ENHANCED FIELD EMISSION FROM CDS SINGLE CRYSTALS
ELECTRON LETTERS V3 N3 MAR 1967
OAR ACCESS NO.....000103-005
BY HUSAIN S A
WALSH D
DOC NUMBER.....AD653816
INSTR...AF-EOAR -0037-65
PROJECT/TASK.....9767/02

AFOSR 67-1384
UNIVERSITY OF ROCHESTER
OPTICAL PROPERTIES OF SOLID RARE GASES AND THEIR ALLOYS /ABSTRACT ONLY/
AM PHYS SOC PHILADELPHIA SPRING 1966
OAR ACCESS NO.....013771-005
BY BALDINI G
DOC NUMBER.....AD612715
INSTR...AF-AFOSR-0236-65
PROJECT/TASK.....9767/02

AFOSR 67-1385
UNIVERSITY OF ROCHESTER
ULTRAVIOLET ADSORPTION OF SOLID ARGON KRYPTON AND XENON
PHYS REV V128 N6 PP1562-1567 15 NOV 62
OAR ACCESS NO.....013771-006
BY BALDINI G
INSTR...AF-AFOSR-0236-65
PROJECT/TASK.....9767/02

AFOSR 67-1386
UNIVERSITY OF ROCHESTER
EXCITONS AND THE OPTICAL PROPERTIES OF THE ALKALI HALIDES / ABSTRACT ONLY/
AM PHYS SOC NASHVILLE SPRING 1966
OAR ACCESS NO.....013771-007
BY TEEGARDEN K J
DOC NUMBER.....AD653830
INSTR...AF-AFOSR-0236-65
PROJECT/TASK.....9767/02

AFOSR 67-1387
UNIVERSITY OF ROCHESTER
PHOTOEMISSION FROM SOLID XENON FILMS /ABSTRACT ONLY/
AM PHYS SOC WASH D C 25 APR 66
OAR ACCESS NO.....013771-008
BY TEEGARDEN K
O HRIEN J F
DOC NUMBER.....AD653925
INSTR...AF-AFOSR-0236-65
PROJECT/TASK.....9767/02

AFOSR 67-1388
OXFORD UNIVERSITY
INSTABILITIES IN A DRIFTING SEMICONDUCTOR PLASMA
PROC IEEE V54 N11 PP1596-1597 NOV 1966
OAR ACCESS NO.....000103-006
BY MCNEILL P M
DOC NUMBER.....AD653819
INSTR...AF-EOAR -0037-65
PROJECT/TASK.....9767/02

AFOSR 67-1389
UNIVERSITY OF CALIFORNIA
AURORAL-ZONE ELECTRON PRECIPITATION ACCOMPANYING A SUDDEN IMPULSE IN THE GEOMAGNETIC FIELD
J GEOPHYS RES V72 N9 1 MAY 1967
OAR ACCESS NO.....006934-002
BY BROWN R R
DOC NUMBER.....AD653814
INSTR...AF-AFOSR-0331-65
PROJECT/TASK.....9751/04

AFOSR 67-1390
UNIVERSITY OF PRINCETON
CONJUGATES AND LEGENDRE TRANSFORMS OF CONVEX FUNCTION.
CAN J MATH V19 PP200-205 1967
OAR ACCESS NO.....022560-002
BY ROCKAFELLAR R T
DOC NUMBER.....AD653820
INSTR...AF-AFOSR-1165-66
PROJECT/TASK.....9749/01

AFOSR 67-1391
UNIVERSITY OF SOUTHERN CALIFORNIA
MEASUREMENT OF DIFFUSION LENGTHS IN DIRECT-GAP SEMICONDUCTORS BY ELECTRON-BEAM EXCITATION
J APPL PHYS V38 N1 PP375-382 JAN 1967
OAR ACCESS NO.....011911-003
BY WITTRY D B
KYSER D F
DOC NUMBER.....AD653922
INSTR...AF-AFOSR-0076-66
PROJECT/TASK.....9761/03

AFOSR 67-1392
ARIZONA STATE UNIVERSITY
HIGH TEMPERATURE HALL EFFECT IN CUPROUS OXIDE
PHYS LETTERS V28A N3 PP137-9 30 JAN 1967
OAR ACCESS NO.....015150-001
BY MCKINZIE H L
DREPPE H
DOC NUMBER.....AD653831
INSTR...AF-AFOSR-0719-65
PROJECT/TASK.....9763/02

AFOSR 67-1393
UNIVERSITY OF MARYLAND
EXTRAPOLATION PROBLEM IN CURRENT-ALGEBRA CALCULATIONS OF E PI PI SCATTERING LENGTHS
PHYS REV LETTERS V18 N17 PP725-726 24 APR 67
OAR ACCESS NO.....002223-005
BY SUCHER J
ZOU C H
DOC NUMBER.....AD653817
INSTR...AF-AFOSR-0500-66
PROJECT/TASK.....9751/01

AFOSR 67-1394
UNIVERSITY OF COLORADO
RACIAL ATTITUDE AS A DETERMINANT OF JUDGMENTS OF PLAUSIBILITY
J SOCIAL PSYCHOL V70 PP139-147 1966
OAR ACCESS NO.....013730-004
BY SELLTIZ C
COOK S W
DOC NUMBER.....AD653827
INSTR...AF-AFOSR-0836-63
PROJECT/TASK.....9778/02

AFOSR 67-1395
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
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ASRL TR 134-3 MAY 1967
OAR ACCESS NO.....001362-004
BY GREENWALD A S
OGUNDJI J
DOC NUMBER.....AD656752
INSTR...AF-49/638/01528
PROJECT/TASK.....9782/01

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UNIVERSITY OF CALIFORNIA
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OAR ACCESS NO.....000705-003
BY ANGELAKOS D J
WHINNERY J R
DOC NUMBER.....AD818434
INSTR...AF-AFOSR-0[illegible]-66
PROJECT/TASK.....9751/00

AFOSR 67-1397
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
NOZZLE FLOW OF A CHEMICALLY REACTING AND A RADIATING IONIZED GAS
TR-141 JUNE 1967
OAR ACCESS NO.....001193-003
BY SEPUCHA R C
DOC NUMBER.....AD656836
INSTR...AF-49/638/01621
PROJECT/TASK.....9781/02

AFOSR 67-1398
NEW YORK UNIVERSITY
THE EFFECT OF A UNIFORMLY DISTRIBUTED LATERAL LOAD UPON THE BUCKLING OF A CONTINUOUSLY SUPPORTED BEAM
NYU-AA-67-103 MAY 1967
OAR ACCESS NO.....017022-001
BY KENR A D
DOC NUMBER.....AD667392
INSTR...AF-AFOSR-0813-67
PROJECT/TASK.....9782/01

AFOSR 67-1399
POLYTECHNIC INSTITUTE OF BROOKLYN
CREEP STRESS CONCENTRATION AT A CIRCULAR HOLE IN AN INFINITE PLATE
FINAL REPORT NO 930 JULY 1967
OAR ACCESS NO.....001333-013
BY PATEL S A
HERNRAUM M R
VENKATRAMAN B
DOC NUMBER.....AD658833
INSTR...AF-49/638/01360
PROJECT/TASK.....9782/01

AFOSR 67-1400
OHIO STATE UNIVERSITY
EFFECT OF SIMULATED SOCIAL FEEDBACK ON INDIVIDUAL TRACKING PERFORMANCE
J APPL PSYCHOL V51 N2 PP145-151 1967
OAR ACCESS NO.....019850-004
BY JOHNSTON W A
NAWROCKI L H
DOC NUMBER.....AD653904
INSTR...AF-AFOSR-0985-66
PROJECT/TASK.....9778/02

AFOSR 67-1401
STANFORD UNIVERSITY
ACCURATE CW MEASUREMENTS OF OPTICAL SECOND-HARMONIC GENERATION IN AMMONIUM DIHYDROGEN PHOSPHATE AND CALCITE
PHYS REV V156 N3 PP851-860 15 FEB 1967
OAR ACCESS NO.....006753-004
BY BJORKHOLM J E
SIEGMAN A E
DOC NUMBER.....AD654468
INSTR...AF-49/638/01525

AFOSR 67-1402
UNIVERSITY OF CALIFORNIA
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QUART J EXPTL PSYCHOL VIR VI3 PP216-249 NOV 1966
BY GOTTSDANKER R
OAR ACCESS NO.....005570-001
DOC NUMBER.....AD653977
INSTR...AF-AFOSR-0836-63
PROJECT/TASK.....9778/02

AFOSR 67-1403
UNIVERSITY OF COLORADO
THE EFFECTS OF CONTENT AND OF RATERS ATTITUDES ON
JUDGMENTS OF FAVORABLENESS OF STATEMENTS ABOUT A SOCIAL
GROUP
J SOCIAL PSYCHOL V70 PP11-22 1966
BY EDRICH H
SELLTIZ C
COOK S W
OAR ACCESS NO.....013732-005
DOC NUMBER.....AD653918
INSTR...AF-AFOSR-0836-63
PROJECT/TASK.....9778/02

AFOSR 67-1404
MELLON INSTITUTE
STACKING FAULT ENERGIES OF THE STRUCTURALLY RELATED COPPER
-GALLIUM ALPHA AND ZETA PHASES
ACTA MET VIS PP481-484 MAR 1967
BY ASHBEE K H G
VASSAMILLET L F
OAR ACCESS NO.....018020-001
DOC NUMBER.....AD654005
INSTR...AF-AFOSR-0229-66
PROJECT/TASK.....9761/03

AFOSR 67-1405
UNIVERSITY OF CALIFORNIA
REGGE POLES AND UNEQUAL-MASS SCATTERING PROCESSES
PHYS REV V153 N5 PP1596-1604 25 JAN 1967
BY FREEDMAN D Z
WANG J M
OAR ACCESS NO.....005134-004
DOC NUMBER.....AD654066
INSTR...AF-AFOSR-0232-66
PROJECT/TASK.....9751/01

AFOSR 67-1406
UNIVERSITY OF TEXAS
NONRECIPROCAL TUNNEL DIODE DISTRIBUTED AMPLIFIER
IEEE TRANS ELECTRON DEVICES VED-13 N3 PP174-175 MAR 1967
BY WATSON R C
HARBOURT C O
KESLER O B
OAR ACCESS NO.....015241-005
DOC NUMBER.....AD654025
INSTR...AF-AFOSR-0746-66
PROJECT/TASK.....9751/00

AFOSR 67-1408
HARVARD UNIVERSITY
ELECTROMAGNETIC MASSES OF PSEUDOSCALAR MESONS
PHYS REV V146 N4 PP1020-1022 24 JUN 1966
BY NIEH H T
OAR ACCESS NO.....004861-032
DOC NUMBER.....AD653906
INSTR...AF-AFOSR-01380
PROJECT/TASK.....9751/01

AFOSR 67-1409
BOSTON UNIVERSITY
WILCOXON CONFIDENCE INTERVALS FOR LOCATION PARAMETERS IN
THE DISCRETE CASE
J AM STATIST ASSOC V62 PP186-189 MAR 67
BY NORTHAM G E
OAR ACCESS NO.....009861-002
DOC NUMBER.....AD653615
INSTR...AF-AFOSR-0369-62
PROJECT/TASK.....9749/02

AFOSR 67-1410
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A STEREOSCOPIC DISPLAY SYSTEM FOR ELECTRON MICROSCOPE
INSTRUMENTS
J SCI INSTR V44 PP294-295 1967
BY WITTRY D M
VANCOUVERING A
OAR ACCESS NO.....111811-004
DOC NUMBER.....AD654023
INSTR...AF-AFOSR-0375-66
PROJECT/TASK.....9761/03

AFOSR 67-1411
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
ABSORPTION PEAK FOR ULTRASONIC WAVES NEAR THE SPIN-FLOP
TRANSITION OF UNIAXIAL ANTIFERROMAGNETS
PHYS LETTERS V24A N7 PP361-362 27 MAR 1967
BY SHAPIRA Y
OAR ACCESS NO.....007012-003
DOC NUMBER.....AD653903
INSTR...F44620-67-C-0047
PROJECT/TASK.....9764/01

AFOSR 67-1412
UNIVERSITY OF ILLINOIS
CLASSIFICATION AND ENUMERATION OF AUTONOMOUS SEQUENTIAL
MACHINES
TECH REPT NO 12 JUNE 1967
BY RYAN M F
OAR ACCESS NO.....012153-002
DOC NUMBER.....AD653799
INSTR...AF-AFOSR-0007-67
PROJECT/TASK.....9769/04

AFOSR 67-1413
UNIVERSITY OF ILLINOIS
UNCERTAINTY ANALYSIS IN DYNAMIC SYSTEMS
RLL REPT NO R 0 MAY 1967
BY MIDENS S G
OAR ACCESS NO.....012153-003
DOC NUMBER.....AD654318
INSTR...AF-AFOSR-0007-67
PROJECT/TASK.....9769/04

AFOSR 67-1414
UNIVERSITY OF ILLINOIS
THE SIGNIFICANCE OF THE SECOND FORMANT IN SPEECH
INTELLIGIBILITY
TECH REPT NO 10 JULY 1966
BY THOMAS I M
OAR ACCESS NO.....012152-002
DOC NUMBER.....AD654328
INSTR...AF-AFOSR-0007-66
PROJECT/TASK.....9769/04

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MELLON INSTITUTE
ON THE NATURE OF MASSIVE PHASES IN HYPOEUTECTOID COPPER-
GALLIUM ALLOYS
ACTA MET V15 PP181-187 FEB 1967
BY ASHBEE K H G
VASSAMILLET L F
MASSALSKI T B
OAR ACCESS NO.....018020-002
DOC NUMBER.....AD654140
INSTR...AF-AFOSR-0929-65
PROJECT/TASK.....9761/03

AFOSR 67-1416
WASHINGTON UNIVERSITY
PULSED NUCLEAR MAGNETIC RESONANCE IN ROTATING SOLIDS
PHYS REV V155 N2 PP321-337 10 MAR 1967
BY KESSEMEIER H
NORBERG R E
OAR ACCESS NO.....002193-001
DOC NUMBER.....AD654116
INSTR...AF-AFOSR-1119-66
PROJECT/TASK.....9767/01

AFOSR 67-1417
UNIVERSITY OF TEXAS
PHOTOELECTRON SPECTRA OF FLUORINATED BENZENES
TETRAHEDRON LETTERS N25 PP2381-2384 1967
BY DEWAR M J S
KELEMEN J
OAR ACCESS NO.....019691-001
DOC NUMBER.....AD654231
INSTR...AF-AFOSR-1050-67
PROJECT/TASK.....9762/01

AFOSR 67-1418
INSTITUTE FOR ADVANCED STUDY
ON THE CLOSURE OF CHARACTERS AND THE ZERO OF ENTIRE
FUNCTIONS
ACTA MATH V118 PP79-93 1967
BY UCHLING A
MALLTAVIN P
OAR ACCESS NO.....021610-003
DOC NUMBER.....AD654075
INSTR...AF-AFOSR-1071-66
PROJECT/TASK.....9769/02

AFOSR 67-1419
UNIVERSITY OF MINNESOTA
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GEND MAT V25 PP267-282 1966
BY GUGGENHEIMER H
OAR ACCESS NO.....018040-003
DOC NUMBER.....AD654247
INSTR...AF-AFOSR-0661-64
PROJECT/TASK.....9749/02

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SOUTH DAKOTA STATE UNIVERSITY
USE OF THE COMMUNICATOR AS A VARIABLE IN SOURCE CREDIBILITY
J SOCIAL PSYCHOL V72 PP27-34 1967
BY WHITTAKER J O
MEADE R D
OAR ACCESS NO.....016390-002
DOC NUMBER.....AD654233
INSTR...AF-AFOSR-0762-65
PROJECT/TASK.....9770/02

AFOSR 67-1421
UNIVERSITY OF CALIFORNIA
NON-USUAL TOPOLOGIES ON SPACE-TIME AND HIGH-ENERGY
SCATTERING
J MATH PHYS V8 N3 PP373-397 MAR 1967
BY ATKINSON D
HALPERN M B
OAR ACCESS NO.....005134-009
DOC NUMBER.....AD654250
INSTR...AF-AFOSR-0232-66
PROJECT/TASK.....9751/01

AFOSR 67-1422
UNIVERSITY OF TORONTO
LOCALIZED DIAGNOSTIC POSSIBILITIES OF SELECTIVE
EXCITATION SPECTROSCOPY
UTIAS REPORT NO 127 SEPT 1967
BY MEASURES R M
OAR ACCESS NO.....019761-001
DOC NUMBER.....AD654740
INSTR...AF-AFOSR-0944-66
PROJECT/TASK.....9752/01

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MASSACHUSETTS INSTITUTE OF TECHNOLOGY
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J ORG CHEM V30 PP3932-3937 AUG 1965
OAR ACCESS NO.....019170-031
BY HOUSE H O — DOC NUMBER.....AD656121
TROST B M — INSTR...AF-AFOSR-0573-64
PROJECT/TASK.....9762/02

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UNIVERSITY OF MARYLAND
TERTIARY MERCAPTANS. I. THE PREPARATION AND REACTION OF 2,2,4,4-TETRAMETHYL-3-PENTANETHIOL
OAR ACCESS NO.....015430-006
BY KREITER H S — DOC NUMBER.....AD654324
INSTR...AF-AFOSR-0742-65
PROJECT/TASK.....9710/01

AFOSR 67-1436
UNIVERSITY OF WISCONSIN
PROTON NMR SPECTRA OF METHYLOLSYLSANES
J ORGAN CHEM V4 PP70-85 1967
OAR ACCESS NO.....019951-003
BY WEST R — DOC NUMBER.....AD656288
KRAMER L A — INSTR...AF-AFOSR-1061-66
CARLENKY E — PROJECT/TASK.....9762/02

AFOSR 67-1437
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
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J ORG CHEM V30 PP1341-1349 MAY 1965
OAR ACCESS NO.....019170-002
BY HOUSE H O — DOC NUMBER.....AD656274
TROST B M — INSTR...AF-AFOSR-0573-64
PROJECT/TASK.....9762/02

AFOSR 67-1438
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
BY-PRODUCTS OF THE FAVORSKII ANNELATION REACTION WITH CYCLOHEXANONE, CYCLOPENTANONE AND CYCLOPENTANE-1,2-DIONE
J ORG CHEM V32 PP2513-2519 AUG 1965
OAR ACCESS NO.....019170-003
BY HOUSE H O — DOC NUMBER.....AD656233
TROST B M — INSTR...AF-AFOSR-0573-64
MAGIN R W — PROJECT/TASK.....9762/02
CARLSON R G
FRANCK R W

AFOSR 67-1439
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
THE STANDARDIZATION OF SOLUTIONS OF METHYLLITHIUM AND METHYLMAGNESIUM DERIVATIVES
J ORGAN CHEM V8 PP351-357 1967
OAR ACCESS NO.....019170-004
BY HOUSE H O — DOC NUMBER.....AD656761
WESSESS R L — INSTR...AF-AFOSR-0573-64
PROJECT/TASK.....9762/02

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ON THE SUGGESTED CHEMICAL DOMINANCE FOR CONSECUTIVENESS
GRAIN VOD RES PP101-112 1967
OAR ACCESS NO.....005926-001
BY GUSAGINI G — DOC NUMBER.....AD656264
[illegible] — INSTR...AF-61(052)-00001
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OAR ACCESS NO.....019170-005
BY HOUSE H O — DOC NUMBER.....AD656262
[illegible] — INSTR...AF-AFOSR-0573-64
TROST B M — PROJECT/TASK.....9762/02

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MASSACHUSETTS INSTITUTE OF TECHNOLOGY
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J ORG CHEM V31 PP3128-3141 OCT 1966
OAR ACCESS NO.....019170-006
BY HOUSE H O — DOC NUMBER.....AD656263
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WHITESIDES G M — PROJECT/TASK.....9762/02

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MASSACHUSETTS INSTITUTE OF TECHNOLOGY
THE CHEMISTRY OF CARBANIONS. XIII. THE INTRAMOLECULAR ALKYLATION OF ALLYLIC RADICAL ANIONS
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OAR ACCESS NO.....019170-007
BY HOUSE H O — DOC NUMBER.....AD656265
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AFOSR 67-1444
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
PHOTOADDITION OF DERIVATIVES OF 1,1A,3,3A,6A-HEXAHYDROPENTALENE-2,4-DIONE
J ORG CHEM V30 PP3529-3531 AUG 1965
OAR ACCESS NO.....019170-008
BY HOUSE H O — DOC NUMBER.....AD669943
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PROJECT/TASK.....9762/02

AFOSR 67-1445
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
THE SOLVOLYSIS OF DERIVATIVES OF 3-AZABICYCLO[3.3.1]NONANE
J ORG CHEM V31 PP3683-3689 NOV 1966
OAR ACCESS NO.....019170-009
BY HOUSE H O — DOC NUMBER.....AD656254
BRYANT W M III — INSTR...AF-AFOSR-0573-64
PROJECT/TASK.....9762/02

AFOSR 67-1446
CORNELL UNIVERSITY
SOME CHARACTERISTICS OF SODIUM TITANIUM BRONZE AND RELATED COMPOUNDS
INORG CHEM V6 N2 PP321-324 FEB 1967
OAR ACCESS NO.....003192-001
BY MEIO A F — DOC NUMBER.....AD656255
SIENKO M J — INSTR...AF-AFOSR-0746-65
PROJECT/TASK.....9761/02

AFOSR 67-1447
CORNELL UNIVERSITY
SOLID-STATE STUDIES OF OXYGEN-DEFICIENT TANTALUM PENTOXIDE
INORG CHEM V6 N5 PP880-884 MAY 1967
OAR ACCESS NO.....003192-002
BY KUDRAK O R — DOC NUMBER.....AD656187
SIENKO M J — INSTR...AF-AFOSR-0746-65
PROJECT/TASK.....9761/02

AFOSR 67-1448
POLYTECHNIC INSTITUTE OF BROOKLYN
MODELS ANALYSIS AND APPROXIMATIONS FOR SYSTEM RELIABILITY AND AVAILABILITY
PIBMRI 1365-67
OAR ACCESS NO.....001885-049
BY MESSINGER M — DOC NUMBER.....AD671474
INSTR...AF-49(638)-01402
PROJECT/TASK.....6751/00

AFOSR 67-1449
UNIVERSITY OF CALIFORNIA
ON NONLINEAR STEADY-STATE SOLUTIONS TO MOVING LOAD PROBLEMS
NO 2 JUNE 1967
OAR ACCESS NO.....022780-002
BY PFOEMIER G A — DOC NUMBER.....AD655838
INSTR...AF-AFOSR-1226-67
PROJECT TASK.....9782/01

AFOSR 67-1450
UNIVERSITY OF KENTUCKY RSCH FOUNDATION
THE DYNAMIC ELASTIC-PLASTIC INTERFACE AND RELATED TOPICS
JOURNAL MECHANICS AND PHYSICS OF SOLIDS V15
PP361-368 1967
OAR ACCESS NO.....008774-001
BY DILLON O W JR — DOC NUMBER.....AD658847
INSTR...AF-49(638)-01686
PROJECT/TASK.....9782/01

AFOSR 67-1451
STANFORD UNIVERSITY
A REVIEW OF THE APPLICABILITY OF THE SOUTHWELL PLOT TO THE INTERPRETATION OF TEST DATA OBTAINED FROM STABILITY STUDIES OF ELASTIC COLUMN AND PLATE STRUCTURES
SUDAER 236 DEC 1965
OAR ACCESS NO.....017230-003
BY HORTON W H — DOC A MOTH.....AD656584
CUNIAKI F I — INSTR...AF-49(638)-01495
JOHNSON H B — PROJECT/TASK.....3782/01

AFOSR 67-1452
UNIVERSITY OF CALIFORNIA
SPECULATIONS CONCERNING LARGE-ANGLE MESON-NUCLEON SCATTERING AT HIGH ENERGIES
PHYS REV LETS V15 NS PP1492-1496 25 JAN 1967
OAR ACCESS NO.....005134-010
BY GOLDBERG G — DOC NUMBER.....AD654253
KAZMUS W — INSTR...AF-AFOSR-0232-66
PROJECT/TASK.....9751/01

AFOSR 67-1453
UNIVERSITY OF CALIFORNIA
PRECISE RELATIONS BETWEEN THE SPECTRA OF VECTOR AND AXIAL-VECTOR MESONS
PHYS REV LETTERS V18 N13 PP507-509 27 MAR 1967
OAR ACCESS NO.....005134-011
BY WEINBERG S — DOC NUMBER.....AD654251
INSTR...AF-AFOSR-0232-66
PROJECT/TASK.....9751/01

AFOSR 67-1444
UNIVERSITY OF CALIFORNIA
[illegible]-OPTICAL ANOMALIES
PHYS REV LETTERS V18 N20 P[illegible] 6 MAY 1967
DAN ACCESS NO.....[illegible]
BY [illegible]
DOC NUMBER.....[illegible]
INSTR...AF-[illegible]
PROJECT/TASK.....[illegible]

AFOSR 67-1445
UNIVERSITY OF MIAMI
PARTICLE TRANSPORT STUDIES IN ALKALI HALIDES
PHYS REV LETTERS V18 N20 [illegible]
DAN ACCESS NO.....[illegible]
BY [illegible]
DOC NUMBER.....[illegible]
INSTR...[illegible]
PROJECT/TASK.....[illegible]

AFOSR 67-1446
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
INVESTIGATION OF CENTRIFUGAL STRESSES IN SATURATION
ISOTOPIC ESC
PHYS REV LETTERS V[illegible] 6 MAY 1967
DAN ACCESS NO.....[illegible]
BY [illegible]
DOC NUMBER.....[illegible]
INSTR...[illegible]
PROJECT/TASK.....[illegible]

AFOSR 67-1447
UNIVERSITY OF CALIFORNIA
ANGULAR DISTRIBUTION OF 30 KEV FROM INTERMEDIATE
SCATTERING
ASTROPHYS J V148 NO 3P2 PP[illegible] MAY 1967
DAN ACCESS NO.....[illegible]
BY [illegible]
DOC NUMBER.....[illegible]
INSTR...AF-[illegible]
PROJECT/TASK.....[illegible]

AFOSR 67-1448
UNIVERSITY OF ROCHESTER
OPTICAL CONSTANTS OF A MIXED SEMICONDUCTOR
NUOVO CIMENTO SER B V48 PP[illegible] 11 JUL 67
DAN ACCESS NO.....[illegible]
BY [illegible]
DOC NUMBER.....[illegible]
INSTR...AF-AFOSR-[illegible]
PROJECT/TASK.....[illegible]

AFOSR 67-1449
UPPSALA UNIVERSITY
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CONSTANTS OF SOME IONIC CRYSTALS
ACTA UNIV UPSALIENSIS V92 PP1 - 6 1967
DAN ACCESS NO.....[illegible]
BY VALLIN J
DOC NUMBER.....[illegible]
INSTR...AF-[illegible]
PROJECT/TASK.....[illegible]

AFOSR 67-1450
HARVARD UNIVERSITY
ADAPTATION OF LOUDNESS TO MONAURAL STIMULATION
J EXP PSYCHOL V76 PP251-273 1967
DAN ACCESS NO.....[illegible]
BY MEFFARELLA A
DOC NUMBER.....[illegible]
INSTR...AF-AFOSR-[illegible]
PROJECT/TASK.....[illegible]

AFOSR 67-1451
UNIVERSITY OF ROCHESTER
DIAGONAL COHERENT-STATE REPRESENTATION OF QUANTUM APPLICATIONS
PHYS REV LETTERS V19 N13 PP752-756 1 MAY 1967
DAN ACCESS NO.....[illegible]
BY MEHTA C L
DOC NUMBER.....[illegible]
INSTR...AF-AFOSR-[illegible]
PROJECT/TASK.....[illegible]

AFOSR 67-1452
OHIO STATE UNIVERSITY
TEMPERATURE DEPENDENCE OF ELECTRON SCATTERING IN THIN
SINGLE CRYSTAL FILMS OF GALLIUM AT HELIUM TEMPERATURES
PHYS LETTERS V23 N7 PP423-425 16 NOV 66
DAN ACCESS NO.....[illegible]
BY VASUDEVAN M
DOC NUMBER.....[illegible]
INSTR...AF-AFOSR-[illegible]
PROJECT/TASK.....[illegible]

AFOSR 67-1453
WESTINGHOUSE ELECTRIC CORPORATION
NATURE OF THE DEFECTS IN GERMANIUM TELEVISION
J PHYS CHEM SOLIDS V28 PP509-522 OCT[illegible] 67
DAN ACCESS NO.....[illegible]
BY SAMUEL D P
DOC NUMBER.....[illegible]
INSTR...[illegible]
PROJECT/TASK.....[illegible]

AFOSR 67-1454
[illegible]
SPECTROSCOPIC INVESTIGATION OF SAMARIUM IN MACROMOLECULES CONTAINING
CHELATION
J AM CHEM SOC V89 N13 PP3060-3062 1967
DAN ACCESS NO.....[illegible]
BY KLOTZ M E
DOC NUMBER.....[illegible]
INSTR...AF-[illegible]
PROJECT/TASK.....[illegible]

AFOSR 67-1455
UNIV OF CALIFORNIA
ERGODIC ASPECTS OF 2-DIMENSIONAL ALGEBRAS
PROC NAT ACAD SCI V57 N1 PP20-24 JAN 1967
DAN ACCESS NO.....[illegible]
BY [illegible]
DOC NUMBER.....[illegible]
INSTR...AF-AFOSR-[illegible]
PROJECT/TASK.....[illegible]

AFOSR 67-1456
UNIVERSITY OF CALIFORNIA
ASYMPTOTIC EXPANSIONS OF INTEGRALS OF PRODUCTS
OF GREEN'S FUNCTIONS WITH NEGATIVE PARAMETER
J MATH MECH V16 N6 PP[illegible] APR 1967
DAN ACCESS NO.....[illegible]
BY [illegible]
DOC NUMBER.....[illegible]
INSTR...[illegible]
PROJECT/TASK.....[illegible]

AFOSR 67-1457
UNIVERSITY OF MINNESOTA
AN APPROXIMATION TO OPTIMUM LINEAR CONSTRAINT CONTROL
IN NON-LINEAR, LINEAR CONTROLLED SYSTEMS
IEEE TRANS AUTO CONTROL V[illegible] NI PP187-[illegible] 67
DAN ACCESS NO.....[illegible]
BY [illegible]
DOC NUMBER.....[illegible]
INSTR...AF-AFOSR-[illegible]
PROJECT/TASK.....[illegible]

AFOSR 67-1458
UNIVERSITY OF MINNESOTA
[illegible]
[illegible]
IEEE TRANS AUTO CONTROL V[illegible] NI PP187-[illegible] 67
DAN ACCESS NO.....[illegible]
BY [illegible]
DOC NUMBER.....[illegible]
INSTR...AF-AFOSR-[illegible]
PROJECT/TASK.....[illegible]

AFOSR 67-1459
UNIVERSITY OF SOUTHERN CALIFORNIA
SOME TEMPERATURE TO DEW POINT [illegible]
[illegible]
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1967
DAN ACCESS NO.....[illegible]
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DOC NUMBER.....[illegible]
INSTR...AF-AFOSR-[illegible]
PROJECT/TASK.....[illegible]

AFOSR 67-1460
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
SPECIAL MAGNETIC MEASUREMENT TECHNIQUES
J APPL PHYS V38 N3 PP1513-1515 MARCH 1967
DAN ACCESS NO.....[illegible]
BY BUSER S
DOC NUMBER.....[illegible]
INSTR...AF-[illegible]
PROJECT/TASK.....[illegible]

AFOSR 67-1461
UNIVERSITY OF CALIFORNIA
POSITRONIUM INVARIANTS AND HIGHER ORDER COHOMOLOGY
OPERATIONS
ANN MATH V85 N2 PP186-217 MAR 67
DAN ACCESS NO.....[illegible]
BY THOMAS E
DOC NUMBER.....[illegible]
INSTR...AF-AFOSR-[illegible]
PROJECT/TASK.....[illegible]

AFOSR 67-1462
INDIANA UNIVERSITY
EVOLUTION OF CREATINE KINASE
NATURE V214 N5085 PP237-241 15 APRIL 1967
DAN ACCESS NO.....[illegible]
BY [illegible]
DOC NUMBER.....[illegible]
INSTR...AF-AFOSR-[illegible]
PROJECT/TASK.....[illegible]

AFOSR 67-1463
UNIVERSITY OF WESTERN ONTARIO
THE METAL-METAL BOND DISSOCIATION ENERGY IN CO(CO)
ESTASA-UNYL
DEC COMMUN PP 1967
DAN ACCESS NO.....[illegible]
BY [illegible]
DOC NUMBER.....[illegible]
INSTR...AF-AFOSR-[illegible]
PROJECT/TASK.....[illegible]

[illegible]

[illegible]

AFOSR 67-1465
STANFORD UNIVERSITY
USING COMPUTER DATA FILES FOR [illegible]
AND MACRO ENTRANCE RATES
[illegible]
BY MEYNIEUX E
YUCEOGLU U H
CROSBY J F
[illegible]

AFOSR 67-1466
W STERN RESERVE UNIVERSITY
A MATHEMATICAL MODEL FOR OPERATING THE CUMULATIVE EFFECT OF
INFECTIOUS DISEASES
J THEORET BIOL VII PP369-381 1966
OAR ACCESS NO.....000536-002
BY GOFFMAN W DOC NUMBER.....AD656736
INSTR...AF-AFOSR-1403-65
PROJECT/TASK.....9760/01

AFOSR 67-1467
WESTERN RESERVE UNIVERSITY
STABILITY OF IMPULSIVE PROCESSES
NATURE V210 AP0314 PP[illegible] 21 MAY 1966
OAR ACCESS NO.....000536-002
BY GOFFMAN W DOC NUMBER.....AD656741
INSTR...AF-AFOSR-1403-65
PROJECT/TASK.....9760/01

AFOSR 67-1468
RESEARCH TRIANGLE INSTITUTE
THE DEPENDENCE CAPACITY OF FINITE MODEL FISSION
INTERN CONTROL VOL NO PP393-396 AUG 66
OAR ACCESS NO.....015300-003
BY BALDWIN J C DOC NUMBER.....AD654702
INSTR...AF-49(638)-1516
PROJECT/TASK.....9769/02

AFOSR 67-1469
STANFORD UNIVERSITY
ALGEBRAIC STRUCTURE OF LINEAR DYNAMICAL SYSTEMS I THE
MODULE OF SIGMA
PROC NATL ACAD SCI V58 NO PP1603-1608 DEC 1966
OAR ACCESS NO.....015393-002
BY KALMAN R E DOC NUMBER.....AD654470
INSTR...AF-49(638)-1016
PROJECT/TASK.....9769/01

AFOSR 67-1470
CARNEGIE INSTITUTE OF TECHNOLOGY
SOME FUNCTIONAL-THEORETIC ASPECTS OF LINEAR SPECIFIED
DIFFERENTIAL EQUATIONS
J MATH MECH V16 NO[illegible] 1967
OAR ACCESS NO.....[illegible]
BY NEMANI A DOC NUMBER.....AD656866
INSTR...AF-AFOSR-[illegible]-67
PROJECT/TASK.....9781/02

AFOSR 67-1471
UNIVERSITY OF CALIFORNIA
THE GOURSAT PROBLEM FOR THE PARTIAL DIFFERENTIAL
EQUATION U(SUBXY)=Z EQUALS F A W(DA)
J MATH MECH V16 N7 PP709-713 JAN 67
OAR ACCESS NO.....023190-003
BY CHU S C DOC NUMBER.....AD656984
DIAZ J B INSTR...AF-AFOSR-1122-65
PROJECT/TASK.....9781/01

AFOSR 67-1472
UNIVERSITY OF SOUTHERN CALIFORNIA
BINARY DETECTION IN AN OPTICAL POLARIZATION MODULATION
COMMUNICATION CHANNEL
IEEE TRANS COMMUN TECH VCOM-14 N5 PP64-365 OCTOBER 1966
OAR ACCESS NO.....012382-002
BY PRATT W K DOC NUMBER.....AD654753
INSTR...AF-AFOSR-01RN-65
PROJECT/TASK.....4751/20

AFOSR 67-1473
BRANDEIS UNIVERSITY
COVARIANT DECOMPOSITION OF A TENSOR AND THE GRAVITATIONAL
CAUCHY [illegible]BLEM /FRENCH/
COMPT REND ACAD SCI PARIS V264 PP311-314 6 FEB 1967
OAR ACCESS NO.....005158-101
BY DESER S DOC NUMBER.....AD654810
INSTR...AF-AFOSR-938-67
PROJECT/TASK.....9767.04

[illegible]
[illegible] PROCESSES
[illegible] SER A V298 PP316-334 1967
OAR ACCESS NO.....000535-001
BY [illegible] DOC NUMBER.....AD656230
[illegible] INSTR...AF-AFOSR-0403-66
PROJECT/TASK.....9760/01

[illegible]
[illegible]
[illegible]
OAR ACCESS NO.....016500-009
BY [illegible] DOC NUMBER.....AD804972
INSTR...AF-49(638)-01558
PROJECT/TASK.....9767/03

[illegible]
[illegible]
EFFECTIVE SPIN-HAMILTONIAN OF AN IRRADIATED SINGLE CRYSTAL
OF AMMONIUM FLUOTITANYLACETATE
J CHEM PHYS V46 NP2 PP[illegible] MARCH 1967
OAR ACCESS NO.....000278-012
BY [illegible] DOC NUMBER.....AD654963
[illegible] INSTR...AF-AFOSR-[illegible]-66
PROJECT/TASK.....9767/02

AFOSR 67-1477
CORNELL UNIVERSITY
SOLAR OBSERVATIONS OF CTA 102
ASTRON J V71 N10 PP1030-1032 DEC 1966
OAR ACCESS NO.....500080-038
BY TRAVIAN V DOC NUMBER.....AD664824
INSTR...AF-49(638)-01156
PROJECT/TASK.....2038/00

AFOSR 67-1478
UNIVERSITY OF OXFORD
SOME PROBLEMS IN PLASMA PHYSICS
MARCH 1967
OAR ACCESS NO.....014310-002
BY MCRAY D H DOC NUMBER.....AD664858
INSTR...AF-AI/052/00736
PROJECT/TASK.....9752/01

AFOSR 67-1479
UNIVERSITY OF MIAMI
SPACE-TIME AND ORIGIN OF INTERNAL SYMMETRIES
PHYS REV V155 N5 PP1603-1671 25 MARCH 1967
OAR ACCESS NO.....018180-005
BY KURSUNOGLU N DOC NUMBER.....AD654827
MURSI C A INSTR...AF-49(638)-01260
PROJECT/TASK.....9767/03

AFOSR 67-1480
UNIVERSITA DEGLI STUDI DI GENOVA
MAIN STEM STRUCTURES RESPONSIBLE FOR THE
ELECTROENCEPHALOGRAPHIC PATTERNS OF DESYNCHRONIZED SLEEP
SCIENCE V155 N3763 PP720-722 10 FEB 1967
OAR ACCESS NO.....005924-004
BY CANDIA O DOC NUMBER.....AD654832
ROSSI G F INSTR...AF-61/052/00901
SERINO T PROJECT/TASK.....9777/01

AFOSR 67-1480
UNIVERSITY OF GENOA
MAIN STEM STRUCTURES RESPONSIBLE FOR THE
ELECTROENCEPHALOGRAPHIC PATTERNS OF DESYNCHRONIZED SLEEP
SCIENCE V155 N3763 PP720-722 10 FEB 1967
OAR ACCESS NO.....005924-009
BY CANDIA O
ROSSI G F INSTR...AF-61/052/00901
SERINO T PROJECT/TASK.....9777/01

AFOSR 67-1481
UNIVERSITA DEGLI STUDI DI GENOVA
VISUAL EVOKED POTENTIALS AS RECORDED FROM THE SCALP AND
FROM THE VISUAL CORTEX BEFORE AND AFTER SURGICAL REMOVAL
OF THE OCCIPITAL POLE IN MAN
ELECTROENCEPHALOG CLIN NEUROPHYSIOL V22 PP378-380 1967
OAR ACCESS NO.....005924-005
BY CONLETTO F DOC NUMBER.....AD654833
GENTILOMO A INSTR...AF-61/052/00901
ROSADINI G PROJECT/TASK.....9777/01
ROSSI G F
ZATTONI J

AFOSR 67-1482
STANFORD UNIVERSITY
CONFIGURATIONAL STATISTICS OF POLY /ETHYLENE
TEREPHTHALATE/ CHAINS
J POLYMER SCI V5 PTA-2 PP417-424 1967
OAR ACCESS NO.....010391-028
BY WILLIAMS A D DOC NUMBER.....AD654248
FLORY P J INSTR...AF-49(638)01341
PROJECT/TASK.....9760/03

AFOSR 67-1483
STANFORD UNIVERSITY
CONFIGURATIONAL STATISTICS OF POLYAMIDE CHAINS
J POLYMER SCI PTA-2 V5 PP399-415 1967
OAR ACCESS NO.....010391-009
BY FLORY P J
WILLIAMS A D
DDC NUMBER.....AD656289
INSTR...AF-49(638)-01341
PROJECT/TASK.....9760/03

AFOSR 67-1484
STANFORD UNIVERSITY
LEARNING THEORY FOR STIMULUS AND RESPONSE CONTINUA FINAL REPORT JUNE 1967
OAR ACCESS NO.....010360-004
BY SUPPES P
DDC NUMBER.....AD656698
INSTR...AF-49(638)-01253
PROJECT/TASK.....9778/01

AFOSR 67-1485
UNIVERSITY OF SOUTHERN CALIFORNIA
SOLUTION OF INTEGRAL EQUATIONS BY HYBRID COMPUTATION
PROCEEDINGS ON AFIPS FALL COMPUTER CONFERENCE, ANAHEIM CALIF, 14-16 NOV 1967, V31, PP143-148, NOV 1967
OAR ACCESS NO.....021211-001
BY REKEY G A
TOMOVIC R
MALONEY J C
DDC NUMBER.....AD656633
INSTR...AF-AFOSR-1018-67
PROJECT/TASK.....9769/03

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UNIVERSITY OF SOUTHERN CALIFORNIA
ANALYSIS AND SYNTHESIS OF DISCRETE-TIME SYSTEMS WITH CONTROL SIGNALS OF VARIABLE AMPLITUDE AND PULSE-WIDTH
USCEE REPT 205 JUNE 1967
OAR ACCESS NO.....021211-002
BY NARDEZZI L M
DDC NUMBER.....AD656632
INSTR...AF-AFOSR-1018-67
PROJECT/TASK.....9769/03

AFOSR 67-1488
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
SOVIET NEWSPAPERS AND MAGAZINES
C/67-5 MARCH 1967
OAR ACCESS NO.....015900-015
BY HOLLANDER G D
DDC NUMBER.....AD656738
INSTR...AF-49(638)-0123T
PROJECT/TASK.....9717/00

AFOSR 67-1489
NEW YORK RESEARCH GROUP INC
A MATHEMATICAL MODEL FOR THE PERCEPTION OF TONES IN CONTEXT PART II
TECH REPT 2 MAY 1967
OAR ACCESS NO.....017791-002
BY ROTHENBERG D
DDC NUMBER.....AD655117
INSTR...AF-49(638)-0173A
PROJECT/TASK.....9769/05

AFOSR 67-1490
COLUMBIA UNIVERSITY
ANALYSIS OF DEPOLARIZING AND HYPERPOLARIZING INACTIVATION RESPONSES IN GYMNOTID ELECTROPLAQUES
J GEN PHYSIOL V50 N1 PP141-169 SEP 1966
OAR ACCESS NO.....014561-003
BY BENNETT M V L
GRUNDFEST H
DDC NUMBER.....AD656962
INSTR...AF-AFOSR-0550-65
PROJECT/TASK.....9777/01

AFOSR 67-1491
COLUMBIA UNIVERSITY
SPECIALIZED JUNCTIONS INVOLVED IN ELECTRICAL TRANSMISSION BETWEEN NEURONS
ANN NY ACAD SCI V137 ARTICLE2 PP495-508 14 JUL 1966
OAR ACCESS NO.....014560-003
BY PAPPAS G D
BENNETT M V L
DDC NUMBER.....AD656614
INSTR...AF-AFOSR-0550-66
PROJECT/TASK.....9777/01

AFOSR 67-1492
COLUMBIA UNIVERSITY
PHYSIOLOGY OF ELECTROTONIC JUNCTIONS
ANN NY ACAD SCI V137 ARTICLE2 PP509-539 14 JUL 1966
OAR ACCESS NO.....014560-004
BY BENNETT M V L
DDC NUMBER.....AD656944
INSTR...AF-AFOSR-0550-66
PROJECT/TASK.....9777/01

AFOSR 67-1493
CARNEGIE INSTITUTE OF TECHNOLOGY
SURFACE DISLOCATION SOURCES AND PLASTIC FLOW IN SILVER MONOCRYSTALS
ENVIRONMENT-SENSITIVE MECHANICAL BEHAVIOR ED A R C WESTWOOD GORDON AND BREACH NEW YORK PP183-212 1966
OAR ACCESS NO.....011440-002
BY ROBINSON W H
GORZALA F J
DDC NUMBER.....AD656615
INSTR...AF-AFOSR-0465-66
PROJECT/TASK.....9763/01

AFOSR 67-1494
UNIVERSITY OF CALIFORNIA
A PROGRAM TO ESTABLISH THE AFOSR PROGRAM FOR SPACE CHEMISTRY FINAL REPORT JULY 1967
OAR ACCESS NO.....012982-006
BY LIBBY W F
DDC NUMBER.....AD655108
INSTR...AF-AFOSR-0248-65
PROJECT/TASK.....9710/03

AFOSR 67-1495
UNIVERSITA DEGLI STUDI DI GENOVA
RESEARCHES AND CONSIDERATIONS ON THE HEMISPHERIC DOMINANCE AND SPECIALIZATION IN MAN /ITALIAN/
MINERVA NEUROCHIRURGICA V10 N3 PP237-249 JUL-SEPT 1968
OAR ACCESS NO.....005924-010
BY MUSADINI G
NIVANO C
ROSSI G F
DAVINI V
ROSA M
DDC NUMBER.....AD656892
INSTR...AF-61/052/00901
PROJECT/TASK.....9777/01

AFOSR 67-1497
UNIVERSITY OF TEXAS
TRIPLET-STATE YIELD OF FLUOROBENZENE BY THE SENSITIZATION OF THE ISOMERIZATION OF CIS-BUTENE-2
J PHYS CHEM V71 N6 PP1839-1841 MAY 1967
OAR ACCESS NO.....015290-005
BY PHILLIPS D
DDC NUMBER.....AD656816
INSTR...AF-AFOSR-0778-65
PROJECT/TASK.....9760/02

AFOSR 67-1498
INDIANA UNIVERSITY
MASKING-LEVEL DIFFERENCES WITH CONTINOUS AND WITH BURST MASKING NOISE
J ACOUST SOC AM V40 N6 PP1414-1419 DEC 66
OAR ACCESS NO.....014563-001
BY MCFADDEN D
DDC NUMBER.....AD656603
INSTR...AF-AFOSR-0845-67
PROJECT/TASK.....9769/03

AFOSR 67-1499
OREGON STATE UNIVERSITY
DIFFUSION OF LEAD IONS IN SODIUM CHLORIDE
J CHEM PHYS V46 N5 PP2000-2001 1 MAR 67
OAR ACCESS NO.....011811-001
BY ALLEN C A
IRELAND D T
FREDERICKS W J
DDC NUMBER.....AD656619
INSTR...AF-AFOSR-0217-66
PROJECT/TASK.....9761/02

AFOSR 67-1500
UNIVERSITY OF HOUSTON
HIGH TEMPERATURE ACID-BASE REACTIONS-II METHYL-AMMONIUM CHLORIDE WITH CERTAIN METAL OXIDES
J INORG NUCL CHEM V29 PP997-1002 1967
OAR ACCESS NO.....020001-001
BY SOUTHERN T M
WENDLANDT W W
DDC NUMBER.....AD656867
INSTR...AF-AFOSR-1190-67
PROJECT/TASK.....9710/02

AFOSR 67-1501
UNIVERSITY OF FLORIDA
THE DIRECT OBSERVATION OF INDIVIDUAL CRYSTALLINE DISLOCATIONS
ENGR PROGR UNIV FLA V21 N6 PP53-73 JUN 1967 IND & EXPTL
PUBL N378 CHALLENGE 1970S PROC SPACE CONGR 6TH 3-6 APR 1967 SESS19 MAT TECH COCOA BEACH FLA CANAVERAL COUNCIL TECH SOC
OAR ACCESS NO.....022240-001
BY AMELINCKX S
DDC NUMBER.....AD655130
INSTR...AF-AFOSR-1142-66
PROJECT/TASK.....9763/01

AFOSR 67-1503
SOUTHERN ILLINOIS UNIVERSITY
CLEAVAGE FEATURES IN A DOMAIN /TWIN/ CRYSTAL
MINERAL SOC INDIA IMA V PP189-196 1966
OAR ACCESS NO.....018561-001
BY AMUKUS J L
DDC NUMBER.....AD656605
INSTR...AF-AFOSR-0598-66
PROJECT/TASK.....9761/02

AFOSR 67-1504
YESHIVA UNIVERSITY
TREES AND NEST STRUCTURES
J SYMBOLIC LOGIC V31 N3 PP303-321 3 SEP 1966
OAR ACCESS NO.....010782-001
BY SMULLYAN R M
DDC NUMBER.....AD656613
INSTR...AF-AFOSR-0433-66
PROJECT/TASK.....9769/06

AFOSR 67-1505
UNIVERSITA DEGLI STUDI DI NAPLES
NONANALYTICAL PROPERTIES OF PROPAGATORS THE /G PHI/ THEORY
NUOVO CIMENTO SER X V38 PP1777-1793 16 AUG 65
OAR ACCESS NO.....036042-005
BY CAIANIELLO E R
CAMPOLATTANO A
MARINARO M
DDC NUMBER.....AD656830
INSTR...AF-61/052/00826
PROJECT/TASK.....9761/01

AFOSR 67-1508
PRINCETON UNIVERSITY
DERIVATIONS OF HIERARCHIES FOR N-PARTICLE SYSTEMS AND VLASOV SYSTEMS BY MEANS OF THE FUNCTIONAL CALCULUS
J MATH PHYS VP N3 PP553-560 MAR 67
OAR ACCESS NO.....016500-010
BY NAKAYAMA T — DDC NUMBER.....AD656817
DAWSON J M — INSTR...AF-AFOSR-1013-66
PROJECT/TASK.....9761/03

AFOSR 67-1507
STANFORD UNIVERSITY
HYPERSONIC LAMINAR SEPARATION IN MINUTELY BLUNTED CONES IN SLIP FLOW
OAR ACCESS NO.....001402-009
BY ALBUN R M — DDC NUMBER.....AD663475
INSTR...AF-49(638)-1278
PROJECT/TASK.....9781/02

AFOSR 67-1508
CASE INSTITUTE OF TECHNOLOGY
TRANSIENT NATURAL CONVECTION IN A VERTICAL TUBE WITH NON-ARISYMMETRIC WALL TEMPERATURE
FTAS/TR-67-18 JUNE 1967
OAR ACCESS NO.....000084-001
BY LU P C — DDC NUMBER.....AD659549
SAHNA G S R — INSTR...AF-AFOSR-0194-67
PROJECT/TASK.....9781/01

AFOSR 67-1509
CASE INSTITUTE OF TECHNOLOGY
THE RAYLEIGH-TAYLOR STABILITY OF CONFINED VISCOUS FLUIDS WITH AN INTERFACE FINAL REPORT JUNE 1967
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OAR ACCESS NO.....000084-002
BY PHUTUR M J — DDC NUMBER.....AD668868
OSTRACH S — INSTR...AF-AFOSR-0194-67
PROJECT/TASK.....9781/01

AFOSR 67-1511
UNIVERSITY OF CALIFORNIA
OPTIMUM CRITICAL IMPULSE FOR SNAP-THROUGH IN SYSTEMS OF ONE DEGREE OF FREEDOM
NO 3 JULY 1967
OAR ACCESS NO.....022780-003
BY HUANG N C — INSTR...AF-AFOSR-1226-67
NACHBAR W — PROJECT/TASK.....9782/01
PRAGER W

AFOSR 67-1512
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
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FLUID DYNAMICS RESEARCH GROUP REPORT NO 67-1 JUNE 1967
OAR ACCESS NO.....001199-004
BY IVES D C — DDC NUMBER.....AD656691
INSTR...AF-49(638)-1622
PROJECT/TASK.....9781/02

AFOSR 67-1513
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DYNAMICAL REARRANGEMENT OF SYMMETRIES IN THE COMPLEX SCALAR FIELD
NUOVO CIMENTO SER X V42 PP565-588 APR 66
OAR ACCESS NO.....000042-004
BY NAKAGAWA K — DDC NUMBER.....AD654431
SEN R N — INSTR...AF-61(052)-00426
UMEZAWA H — PROJECT/TASK.....9761/01

AFOSR 67-1514
UNIVERSITY OF CALIFORNIA
THE CHEMISTRY OF METALLOCENES I CARBONIUM ION STABILIZATION BY THE FERROCENYL GROUP
J AM CHEM SOC V89 N10 PP2304-2316 10 MAY 1967
OAR ACCESS NO.....018380-005
BY TAYLOR T G — DDC NUMBER.....AD658000
WARE J C — INSTR...AF-AFOSR-1514-64
PROJECT/TASK.....9762/02

AFOSR 67-1515
UNIVERSITY OF NEW MEXICO
OPTICAL EXCITATION OF TRANSITION-METAL IONS VIA INTRAMOLECULAR ENERGY TRANSFER
J CHEM PHYS V46 N1 PP160-164 1967
OAR ACCESS NO.....011791-003
BY CROSBY G A — DDC NUMBER.....AD658006
INSTR...AF-AFOSR-0239-65
PROJECT/TASK.....9710/02

AFOSR 67-1516
COLUMBIA UNIVERSITY
MOLECULAR PHOTOCHEMISTRY IV SOLUTION PHOTOCHEMISTRY OF CYCLOHEXANONE AND SOME DERIVATIVES
TETRAHEDRON LETTERS N6 PP545-551 1967
OAR ACCESS NO.....019A00-003
BY TURRO N J — DDC NUMBER.....AD654101
SOUTHAM R M — INSTR...AF-AFOSR-1000-66
PROJECT/TASK.....9760/02

AFOSR 67-1517
POLYTECHNIC INSTITUTE OF BROOKLYN
APPLICATION OF GAME THEORY TO THE SENSITIVITY DESIGN OF OPTIMAL SYSTEMS
IEEE TRANS AUTO CONTROL VAC-12 N1 PP49-57 FEB 1967
OAR ACCESS NO.....001089-030
BY DONATO P — DDC NUMBER.....AD656620
KESTENBAUM A — INSTR...AF-49(638)-1402
PROJECT/TASK.....9781/00

AFOSR 67-1518
STATE UNIVERSITY OF NEW YORK
NOTE ON THE REALIZATION OF WHITEHEAD PRODUCTS
QUART J MATH OXF N68 PP180-184 JUN 1966
OAR ACCESS NO.....019870-001
BY STEIN N — DDC NUMBER.....AD654602
INSTR...AF-AFOSR-0668-66
PROJECT/TASK.....9769/06

AFOSR 67-1519
IIT RESEARCH INSTITUTE
PHASE MIGRATION IN A MONOTHERMAL FIELD FINAL REPORT MARCH 1967
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OAR ACCESS NO.....009810-004
BY EMERSON T A — DDC NUMBER.....AD655165
INSTR...AF-49(638)-01121
PROJECT/TASK.....9780/02

AFOSR 67-1520
NEW YORK UNIVERSITY
FINITE VERSIONS OF THE AXIOM OF CHOICE
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OAR ACCESS NO.....020921-001
BY ZUCKERMAN M M — DDC NUMBER.....AD659088
INSTR...AF-AFOSR-0995-67
PROJECT/TASK.....9769/06

AFOSR 67-1521
IIT RESEARCH INSTITUTE
ADVANCED OXIDIZER CHEMISTRY
IITRI-C227-18 MARCH 1967
OAR ACCESS NO.....018930-004
BY SOLOMON I J — DDC NUMBER.....AD654730
INSTR...AF-49(638)-01175
PROJECT/TASK.....9713/02

AFOSR 67-1522
GENERAL DYNAMICS
COMMUNICATION AND INFORMATION THEORY ASPECTS OF THE NERVOUS SYSTEM FINAL REPORT JULY 1967
OAR ACCESS NO.....012501-001
BY AGALIDES P — DDC NUMBER.....AD656829
INSTR...AF-49(638)-01670
PROJECT/TASK.....9769/02

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UNIVERSITY OF UTAH
EXPLORATORY RESEARCH ON COMMUNICATION ABILITIES AND CREATIVE ABILITIES FINAL REPORT APRIL 1967
OAR ACCESS NO.....012820-004
BY TAYLOR C W — DDC NUMBER.....AD662896
GHISELIN H — INSTR...AF-AFOSR-0144-63
YAGI K — PROJECT/TASK.....9769/03

AFOSR 67-1524
YESHIVA UNIVERSITY
ON TRANSFINITE RECURSION
TRANS N Y ACAD SCI PP175-185 DEC 1966
OAR ACCESS NO.....010783-001
BY SMULLYAN R M — DDC NUMBER.....AD654754
INSTR...AF-AFOSR-0433-63
PROJECT/TASK.....9769/06

AFOSR 67-1525
YESHIVA UNIVERSITY
FINITE NEST STRUCTURES AND PROPOSITIONAL LOGIC
J SYMBOLIC LOGIC V31 N3 PP327-328 SEP 1966
OAR ACCESS NO.....010781-003
BY SMULLYAN R M — DDC NUMBER.....AD654755
INSTR...AF-AFOSR-0433-63
PROJECT/TASK.....9769/06

AFOSR 67-1526
COLUMBIA UNIVERSITY
CYCLOPROPANONES V INHIBITION OF POLYMERIZATION AND ADDITION OF ACIDS
J AM CHEM SOC V89 N4 P1028 15 FEB 1967
OAR ACCESS NO.....019B00-004
BY TURRO N J — DDC NUMBER.....AD654861
HAMMOND G R — INSTR...AF-AFOSR-1000-66
PROJECT/TASK.....9760/02

AFOSR 67-1527
OHIO UNIVERSITY
TRANSITION MATRIX DESCRIPTION OF DYNAMIC MAGNETOCONDUCTIVITY
PHYS LETTERS V24A N7 PP392-393 MAR 1967
DAN ACCESS NO.....019859-007
BY FUJITA S DOC NUMBER.....AD654863
CHEN C C INSTR...AF-AFOSR-0454-65
PROJECT/TASK.....9761/01

AFOSR 67-1528
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
MAGNETOACOUSTIC ATTENUATION IN LIQUID HELIUM TO 190 KILOGAUSS
J ACOUST SOC AM V41 N3 PP584-586 MAR 1967
DAN ACCESS NO.....007918-006
BY SHAPIRA Y DOC NUMBER.....AD654826
INSTR...F44620-67-C-0047
PROJECT/TASK.....9764/01

AFOSR 67-1529
UNIVERSITY OF SUSSEX
STACKING-FAULT ENERGY AND MANY-BODY FORCE EFFECTS IN SOLID ARGON
PHYS REV LETTERS V17 N5 PP249-250 1 AUG 66
DAN ACCESS NO.....010830-003
BY HULLOUGH M DOC NUMBER.....AD654809
VENABLES J A INSTR...AF-EOAR -0061-65
CLYDE M R PROJECT/TASK.....9761/03

AFOSR 67-1530
UNIVERSITY OF CALIFORNIA
NEW A-15 PHASES
SOLID STATE COMMUN V5 N4 PP221-223 1967
DAN ACCESS NO.....014830-093
BY VIELHABER R DOC NUMBER.....AD654750
LUC H L INSTR...AF-AFOSR-0631-66
PROJECT/TASK.....9761/02

AFOSR 67-1531
UNIVERSITY OF WISCONSIN
BEHAVIORAL AND PERSONALITY EFFECTIONS ASSOCIATED WITH STATUS POSITIONS
MULTIVARIATE BEHAV RES V2 PP153-174 APR 1967
DAN ACCESS NO.....015660-001
BY BORGATTA E F DOC NUMBER.....AD654870
EVANS R L INSTR...AF-AFOSR-0737-65
PROJECT/TASK.....9776/02

AFOSR 67-1532
UNIVERSITY OF CALIFORNIA
LOW-TEMPERATURE SUSCEPTIBILITIES OF RHODIUM AND IRIDIUM WITH IRON IMPURITIES
J APPL PHYS V38 N3 PP1267-1268 MAR 1967
DAN ACCESS NO.....010833-056
BY KNAPP G S DOC NUMBER.....AD654757
INSTR...AF-AFOSR-0631-66
PROJECT/TASK.....9761/02

AFOSR 67-1534
PRINCETON UNIVERSITY
A CRITICAL ANALYSIS OF ARC IMAGE IGNITION OF SOLID PROPELLANTS
AMS REPORT NO 789 JULY 1967
DAN ACCESS NO.....007853-006
BY SUMMERFIELD M DOC NUMBER.....AD655919
GHLEMILLER T J INSTR...AF-49(638)-1267
PROJECT/TASK.....9711/01

AFOSR 67-1535
PRINCETON UNIVERSITY
NON-STEADY BURNING PHENOMENA OF SOLID PROPELLANTS THEORY AND EXPERIMENT
AMS REPORT NO 793 JULY 1967
DAN ACCESS NO.....009213-002
BY SUMMERFIELD M DOC NUMBER.....AD658069
KRIER H INSTR...AF-49(638)-1405
TIEN J S PROJECT/TASK.....9711/01
SIRIGNANO W A

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UNIVERSITY OF MARYLAND
SOLUTION OF THE SINGULAR CAUCHY PROBLEM FOR A SINGULAR SYSTEM OF PARTIAL DIFFERENTIAL EQUATIONS IN THE MATHEMATICAL THEORY OF DYNAMICAL ELASTICITY REFLECTION THEORY DISTRIBUTIONS PROC INTERNATL SUMMER INST LISBON SEPT 1966 PP75-131
DAN ACCESS NO.....001523-019
BY DIAZ J B DOC NUMBER.....AD654938
INSTR...AF-AFOSR-0400-64
PROJECT/TASK.....9749/01

AFOSR 67-1536
UNIVERSITY OF MARYLAND
SOLUTION OF THE SINGULAR CAUCHY PROBLEM FOR A SINGULAR SYSTEM OF PARTIAL DIFFERENTIAL EQUATIONS IN THE MATHEMATICAL THEORY OF DYNAMICAL ELASTICITY REFLECTION THEORY DISTRIBUTIONS PROC INTERNATL SUMMER INST LISBON SEPT 1966 PP75-131
DAN ACCESS NO.....001523-028
BY DIAZ J B
INSTR...AF-AFOSR-0400-64
PROJECT/TASK.....9749/01

AFOSR 67-1537
UNIVERSITY OF MARYLAND
MOMENTUM-SPACE ANALYTICITY PROPERTIES OF THE DERGMAN-WEIL INTEGRAL FOR THE THREE POINT FUNCTION
J MATH PHYS V8 N12 PP1988-1991 DEC 67
DAN ACCESS NO.....002229-037
BY KALLEN G DOC NUMBER.....AD659186
TOLL J S INSTR...AF-AFOSR-0400-64
PROJECT/TASK.....9761/01

AFOSR 67-1539
STATE UNIVERSITY OF NEW YORK
RADIATIVE CORRECTION TO FERMI-DECAY AND NUCLEON FORM FACTOR
NUCL PHYS V81 PP225-263 1967
DAN ACCESS NO.....020810-001
BY KALLEN G
INSTR...AF-AFOSR-1098-66
PROJECT/TASK.....9761/01

AFOSR 67-1539
SOUTHERN ILLINOIS UNIVERSITY
THE PRESSURE AND THE INTERNAL STRUCTURE OF EARTH (SPANISH)
INST INVEST GEOL BARCELONA V20 PP5-31 OCT 66
DAN ACCESS NO.....019560-001
BY AMOROS J L DOC NUMBER.....AD659068
MIGUEL A S INSTR...AF-AFOSR-0598-66
PROJECT/TASK.....9761/02

AFOSR 67-1541
STATE UNIVERSITY OF NEW YORK
ANOMALOUS THRESHOLDS AS LIMITS OF COMPLEX SINGULARITIES
NUCL PHYS V87 N5 PP385-3 6 1966
DAN ACCESS NO.....020810-002
BY FALOT G DOC NUMBER.....AD659164
INSTR...AF-AFOSR-1098-66
PROJECT/TASK.....9761/01

AFOSR 67-1542
UNIVERSIDAD NACIONAL DE TRUJILLO
A COMPARATIVE STUDY OF VNGVES DEPTH HYPOTHESIS FINAL REPORT MAY 1967
DAN ACCESS NO.....021870-001
BY ZIEHER E DOC NUMBER.....AD674661
LEE R INSTR...AF-AFOSR-1089-66
SANCHEZ A PROJECT/TASK.....9769/05

AFOSR 67-1546
UNIVERSITY OF SHEFFIELD
INTENTIONAL COMBUSTION OSCILLATIONS IN PROPULSION SYSTEMS FINAL REPORT FEB 1967
DAN ACCESS NO.....013612-002
BY HARRIS D DOC NUMBER.....AD655040
INSTR...AF-(DAM -0011-66
PROJECT/TASK.....9711/01

AFOSR 67-1548
UNIVERSITY OF INNSBRUCK
STUDIES OF ARTIFICIALLY DISTURBED SENSORY COORDINATION IN MAN FINAL REPORT MAY 1967
DAN ACCESS NO.....021090-001
BY THURNER F DOC NUMBER.....AD655139
INSTR...AF-61(052)-0943
PROJECT/TASK.....9778/01

AFOSR 67-1552
UNIVERSITY OF IDAHO
REARRANGEMENT OF CARBENIUM IONS AND FREE RADICALS IN THE DICYCLO (3,1,0) HEXYL SYSTEM
DAN ACCESS NO.....013090-006
BY FREEMAN P K DOC NUMBER.....AD655139
INSTR...AF-AFOSR-0078-67
PROJECT/TASK.....9776/02

AFOSR 67-1555
INFORMATION RESEARCH ASSOCIATES INC
ON THE COEFFICIENTS OF A WIENER CANONICAL EXPANSION FOR THE LIKELIHOOD FUNCTION OF A CONTINUOUS MARTINGALE
TECH REPT NO 10 JUNE 1967
DAN ACCESS N.....011140-001
BY PRICE D H DOC NUMBER.....AD655598
INSTR...AF-49(638)-1018(1)
PROJECT/TASK.....9784/02

AFOSR 67-1556
NEW YORK UNIVERSITY RESEARCH FOUNDATION
HYPERPOLARIZABILITIES OF SOME POLAR DIATOMIC MOLECULES
J CHEM PHYS V46 N6 PP2356-2366 15 MAR 67
OAR ACCESS NO.....013550-009
BY O HARE J M
MUNST R H
DDC NUMBER.....AD655220
INSTR...AF-AFOSR-0191-63
PROJECT/TASK.....9767/01

AFOSR 67-1557
STATE UNIVERSITY OF NEW YORK
FORM FACTORS AT LARGE MOMENTUM TRANSFER
PHYS REV LETTERS V17 N12 PP601-603 19 SEPT 1966
OAR ACCESS NO.....020610-003
BY JAFFE A M
DDC NUMBER.....AD655221
INSTR...AF-AFOSR-1098-66
PROJECT/TASK.....9751/01

AFOSR 67-1559
STATE UNIVERSITY OF NEW YORK
INTEGRAL REPRESENTATION OF INVARIANT STATES OF H-ALGEBRAS
OAR ACCESS NO.....020610-004
BY LANFORD O
RUELL D
DDC NUMBER.....AD655336
INSTR...AF-AFOSR-1098-66
PROJECT/TASK.....9751/01

AFOSR 67-1560
STATE UNIVERSITY OF NEW YORK
INTEGRAL REPRESENTATION ON COMPACT CONVEX SETS
OAR ACCESS NO.....020610-005
BY LANFORD O E
DDC NUMBER.....AD655179
INSTR...AF-AFOSR-1098-66
PROJECT/TASK.....9751/01

AFOSR 67-1561
INDIANA UNIVERSITY
RECEIVER OPERATING CHARACTERISTICS DETERMINED UNDER SEVERAL
INTERAURAL CONDITIONS OF LISTENING
OAR ACCESS NO.....014583-002
BY E... RICH D S
DDC NUMBER.....AD655380
INSTR...AF-AFOSR-0548-67
PROJECT/TASK.....4769/03

AFOSR 67-1
UNIVE... IY OF ... AS
AN ACOUSTICAL ...CKING SYSTEM USING A DELTIC CORRELATOR
1967 SWIEEECO RECORD NF-72 PP17-1-1-17-1-8 19 APR 1967
OAR ACCESS NO.....015242-011
BY ALLEN R W
MERSON R L
DDC NUMBER.....AD655022
INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....4751/00

AFOSR 67-1563
UNIVERSITY OF TEXAS
AN APPROXIMATION TECHNIQUE TO DETERMINE INVERSE FILTERS
WITH A MINIMUM NUMBER OF WEIGHTS
1967 SWIEEECO RECORD NF-72 PP7-3-1-7-3-8 19 APR 1967
OAR ACCESS NO.....015242-012
BY BRIGHAM O JR
SMITH H W
GOSTICK F X JR
DUFSTERHOEFT W C JR
DDC NUMBER.....AD655023
INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....4751/00

AFOSR 67-1566
UNIVERSITY OF TEXAS
A MULTICATEGORY PATTERN CLASSIFICATION SYSTEM
1967 SWIEEECO RECORD NF-72 PP1-2-1-1-2-8 19 APR 1967
OAR ACCESS NO.....015242-013
BY PITT J M
WOMACK D F
DDC NUMBER.....AD655026
INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....4751/00

AFOSR 67-1567
UNIVERSITY OF TEXAS
DEPOSITION OF SILICON NITRIDE ON METAL-COATED SUBSTRATES
1967 SWIEEECO RECORD NF-72 PP16-4-1-16-4-8 19 APR 1967
OAR ACCESS NO.....015242-014
BY YEANGAN J R
TAYLOR H L
DDC NUMBER.....AD655024
INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....4751/00

AFOSR 67-1568
UNIVERSITY OF TEXAS
RELAXATION OSCILLATIONS IN N-TYPE INSB AND RESPONSIVITY
MEASUREMENTS IN THE FAR INFRARED
1967 SWIEEECO RECORD NF-72 PP16-2-1-16-2-8 19 APR 1967
OAR ACCESS NO.....015242-015
BY SESNIC S
DDC NUMBER.....AD655027
INSTR...AF-AFOSR-0766-67
PROJECT.....4751

AFOSR 67-1569
UNIVERSITY OF TEXAS
MATCH RECOGNITION IN CHROMOSOME BAND STRUCTURE
1967 SWIEEECO RECORD NF-72 PP11-6-1-11-6-8 19 APR 1967
OAR ACCESS NO.....015241-036
BY CASTLEMAN K R
WELCH A J
DDC NUMBER.....AD655165
INSTR...AF-AFOSR-0766-66
PROJECT/TASK.....4751/00

AFOSR 67-1570
UNIVERSITY OF TEXAS
MACH-ZEHNDER OPTICAL INTERFEROMETRY OF LASER INDUCED
DISCHARGES IN HIGH PRESSURE GASES
1967 SWIEEECO RECORD NF-72 PP2-2-1-2-2-8 19 APR 1967
OAR ACCESS NO.....015242-016
BY WEIGL F
FRIEDRICH O M JR
DOUGAL A A
DDC NUMBER.....AD655025
INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....4751/00

AFOSR 67-1571
UNIVERSITY OF ILLINOIS
ROLE STRUCTURE LEADERSHIP AND NEGOTIATION EFFECTIVENESS
TECH RPT NO 6 AUG 1967
OAR ACCESS NO.....012871-007
BY VIDMAR N J
MCGRATH J E
DDC NUMBER.....AD659169
INSTR...AF-49(638)01291
PROJECT/TASK.....9779/02

AFOSR 67-1572
CORNELL UNIVERSITY
ESR STUDY OF MANGANESE-DOPED ALPHA-ZINC SILICATE CRYSTALS
J CHEM PHYS V46 PP249A-2401 15 MAR 1967
OAR ACCESS NO.....003192-003
BY PERKINS H K
SIENKO M J
DDC NUMBER.....AD655217
INSTR...AF-AFOSR-0796-65
PROJECT/TASK.....9761/02

AFOSR 67-1573
BATTELLE INSTITUTE
ORGANOMETALLIC CHEMISTRY OF THE TRANSITION METALS XX SOME
REACTIONS OF ACETONITRILE DERIVATIVES OF MOLYBDENUM AND
CHROMIUM CARBONYLS WITH OLEFINIC AND ACETYLENIC COMPOUNDS
J ORGANOMETAL CHEM V8 PP139-148 1967
OAR ACCESS NO.....019061-058
BY KING R M
DDC NUMBER.....AD655210
INSTR...AF-AFOSR-0580-66
PROJECT/TASK.....9710/02

AFOSR 67-1574
PRINCETON UNIVERSITY
CHEMICAL SHIFT NONEQUIVALENCE OF DIASTEREOTOPIC GROUPS IN
SULFONIUM SALTS
TETRAHEDRON LETTERS N14 PP1325-1328 1967
OAR ACCESS NO.....022000-002
BY KONDO K
DISLOW K
DDC NUMBER.....AD655216
INSTR...AF-AFOSR-1188-67
PROJECT/TASK.....9762/01

AFOSR 67-1575
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
THE SPIN UP OF A STRATIFIED FLUID
J FLUID MECH V28 PT3 PP536-479 1967
OAR ACCESS NO.....003702-002
BY PEDLOSKY J
DDC NUMBER.....AD655218
INSTR...AF-AFOSR-0492-66
PROJECT/TASK.....9749/01

AFOSR 67-1576
STANFORD UNIVERSITY
FREE CONVECTION FROM A VERTICAL NEEDLE
SUDAAR 323 JULY 1967
OAR ACCESS NO.....008022-010
BY VAN DYKE M
DDC NUMBER.....AD664964
INSTR...AF-49(638)01274
PROJECT/TASK.....9781/01

AFOSR 67-1577
PENNSYLVANIA STATE UNIVERSITY
DISPERSED PARTICLE BEHAVIOR IN TD-NICKEL ALLOY
JUNE 1967
OAR ACCESS NO.....019542-002
BY INMAN M C
DDC NUMBER.....AD660135
INSTR...AF-AFOSR-0669-66
PROJECT/TASK.....9782/02

AFOSR 67-1578
COLUMBIA UNIVERSITY
IONIZING SHOCK STRUCTURE IN A MONATOMIC GAS
REPORT NO 34 MARCH 1967
OAR ACCESS NO.....009553-010
BY CHUAN D L
DDC NUMBER.....AD663211
INSTR...AF-49(638)01638
PROJECT/TASK.....9752/01

AFOSR 67-1580
NEW YORK UNIVERSITY
AN APPLICATION OF THE EXTENDED KANTOROVICH METHOD TO THE STRESS ANALYSIS OF A CLAMPED RECTANGULAR PLATE
NYU-AA-67-107 JULY 1967
OAR ACCESS NO.....017021-002
BY KEHR A D — DOC NUMBER.....AD667201
ALEXANDER H — INSTR...AF-AFOSR-0613-66
PROJECT/TASK.....9782/01

AFOSR 67-1581
TEXAS INSTRUMENTS INCORPORATED
CONTINUATION OF BASIC RESEARCH IN CRUSTAL STUDIES
FINAL REPORT JULY 1967
OAR ACCESS NO.....018021-001
BY MILLER R K — DOC NUMBER.....AD656778
HARRIS H K — INSTR...AF-49(638)-01388
LINVILLE A F — PROJECT/TASK.....8652/00

AFOSR 67-1585
UNIVERSITY OF TEXAS
LASER OSCILLATION ON ELECTRONIC TRANSITIONS IN NEUTRAL NSUB2 AND CO
1967 SWIEEECO RECORD NF-72 PP5-1-1-5-1-8 19 APR 1967
OAR ACCESS NO.....015242-017
BY ALLEN R H — DOC NUMBER.....AD655213
WHITTAKER T F — INSTR...AF-AFOSR-0766-67
DOUGAL A A — PROJECT/TASK.....4751

AFOSR 67-1586
UNIVERSITY OF TEXAS
OPTIMAL ADAPTIVE FILTER REALIZATIONS FOR SAMPLE STOCHASTIC PROCESSES WITH AN UNKNOWN PARAMETER
1967 SWIEEECO RECORD NF-72 PP1-4-1-1-4-8 19 APR 1967
OAR ACCESS NO.....015242-018
BY MILBORN C G JR — DOC NUMBER.....AD655214
LAINIOTIS D G — INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....4751/00

AFOSR 67-1587
UNIVERSITY OF TEXAS
OSCILLATORS UTILIZING SUPERCONDUCTING RESONATORS
1967 SWIEEECO RECORD NF-72 PP9-3-1-9-3-8 19 APR 1967
OAR ACCESS NO.....015242-019
BY STONE J L — DOC NUMBER.....AD655215
HARTBIG W H — INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....4751/00

AFOSR 67-1588
STANFORD UNIVERSITY
FURTHER RESEARCH ON THE EFFECT OF TEST MACHINE EXTENSIONAL RIGIDITY ON THE INITIAL BUCKLING LOAD OF UNREINFORCED CIRCULAR CYLINDRICAL SHELLS IN AXIAL COMPRESSION
OAR ACCESS NO.....017230-004
BY BAILEY S C — DOC NUMBER.....AD662348
HORTON W H — INSTR...AF-49(638)-01495
PROJECT/TASK.....9782/01

AFOSR 67-1589
UNIVERSITY OF TEXAS
INVERSE CONVOLUTION FILTERS - AN ITERATIVE TECHNIQUE
SWIEEECO RECORD NF-72 PP7-2-1-7-2-10 19 APR 1967
OAR ACCESS NO.....015242-020
BY BRIGHAM O JR — DOC NUMBER.....AD655405
SMITH H W — INSTR...AF-AFOSR-0766-67
BOSTICK F X JR — PROJECT/TASK.....4751/00
DUESTERHOEFT W C JR

AFOSR 67-1590
UNIVERSITY OF TEXAS
A TECHNIQUE OF OPTIMIZING DECISION-DIRECTED CHANNEL MEASUREMENTS FOR COHERENT DETECTION
1967 SWIEEECO RECORD NF-72 PP20-3-1-20-3-7 19 APR 1967
OAR ACCESS NO.....015242-021
BY GREGG W D — DOC NUMBER.....AD655407
INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....4751/00

AFOSR 67-1591
UNIVERSITY OF TEXAS
NUMBER DENSITY DETERMINATION IN THE ATMOSPHERE OF OSUB2 HSUB2O AND COSUB2 GAS CONSTITUENTS BY USE OF A HIGH INTENSITY LASER BEAM
1967 SWIEEECO RECORD NF-72 PP5-3-1-5-3-10 19 APR 1967
OAR ACCESS NO.....015242-022
BY DOBBINS D L — DOC NUMBER.....AD655401
LAGHONE A H — INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....4751/00

AFOSR 67-1592
UNIVERSITY OF TEXAS
OPTIMAL COOPERATIVE RENDEZVOUS OF LINEAR SINGLE INPUT SYSTEMS
1967 SWIEEECO RECORD NF-72 PP4-5-1-4-5-7 19 APR 1967
OAR ACCESS NO.....015242-023
BY ELLER D M — DOC NUMBER.....AD655406
AGGARWAL J K — INSTR...AF-AFOSR-0766-67
MUELLER T E — PROJECT/TASK.....4751/00

AFOSR 67-1593
UNIVERSITY OF TEXAS
AN ADAPTIVE THRESHOLD LOGIC GATE USING CAPACITIVE ANALOG WEIGHTS
1967 SWIEEECO RECORD NF-72 PP22-2-1-22-2-8 19 APR 1967
OAR ACCESS NO.....015242-024
BY SMITH J W JR — DOC NUMBER.....AD655403
HARMOUNT C O — INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....4751/00

AFOSR 67-1594
UNIVERSITY OF TEXAS
RECOVERY OF EVOKED POTENTIALS IN VISUAL SYSTEM FOLLOWING INTENSE STIMULATION
1967 SWIEEECO RECORD NF-72 PP11-2-1-11-2-8 19 APR 1967
OAR ACCESS NO.....015240-013
BY WELCH A J — DOC NUMBER.....AD655348
HEMPEL F G — INSTR...AF-AFOSR-0766-65
PROJECT/TASK.....4751/00

AFOSR 67-1595
UNIVERSITY OF TEXAS
ANUALOUS PLASMA TRANSPORT IN RF DISCHARGES
1967 SWIEEECO RECORD NF-72 PP2-4-1-2-4-8 19 APR 1967
OAR ACCESS NO.....015242-025
BY ROBERTS F J — INSTR...AF-AFOSR-0766-67
NUNOLA P B — PROJECT/TASK.....4751/00

AFOSR 67-1596
RICE UNIVERSITY
SUFFICIENCY PROOFS FOR THE PROBLEM OF THE OPTIMUM TRANSVERSAL CONTOUR
SIAM J APPL MATH V15 N2 MAR 1967
OAR ACCESS NO.....016640-005
BY MIELE A — DOC NUMBER.....AD655399
HULL D G — INSTR...AF-AFOSR-0826-65
PROJECT/TASK.....9749/01

AFOSR 67-1597
UNIVERSITY OF HOUSTON
THE PREPARATION OF 1 2 AND 1 3 CIS DIHALODIPROPANEDIAMINE CHROMIUM HALIDE COMPLEXES BY THE THERMAL MATRIX METHOD
J INORG NUCL CHEM V29 PP975-978 1967
OAR ACCESS NO.....020001-002
BY HENDLAND R R — DOC NUMBER.....AD655518
SVEUM L K — INSTR...AF-AFOSR-1190-67
PROJECT/TASK.....9710/02

AFOSR 67-1598
CALIFORNIA INSTITUTE OF TECHNOLOGY
LORENTZ-LORENZ FUNCTION FOR SOLID ARGON
PHYSICA V33 PP673-674 1967
OAR ACCESS NO.....014610-021
BY KINGS C J — DOC NUMBER.....AD655330
INSTR...AF-49(638)-01273
PROJECT/TASK.....9710/03

AFOSR 67-1599
IMPERIAL COLLEGE
COMMENT SOFT PHOTON STATES AND INFRA-RED DIVERGENCES I CLASSICAL CURRENTS
JOURNAL OF MATHEMATICAL PHYSICS V9 N2 PP315-324 FEB 68
OAR ACCESS NO.....010642-002
BY KIBBLE T W B — DOC NUMBER.....AD655881
INSTR...AF-EOAR -0012-67
PROJECT.....9767

AFOSR 67-1600
UNIVERSITY OF OREGON
ANTISYMMETRIZED DISTORTED-WAVE APPROXIMATION FOR NUCLEON-NUCLEUS SCATTERING
NUCL PHYS V496 N1 PP103-128 1967
OAR ACCESS NO.....017600-002
BY AMOS K A — DOC NUMBER.....AD655331
MADSEN V A — INSTR...AF-AFOSR-0967-65
MCCARTHY I E — PROJECT/TASK.....9751/02

AFOSR 67-1601
MELLON INSTITUTE
ORGANOMETALLIC CHEMISTRY OF THE TRANSITION METALS XXI SOME PI-PENTAMETHYLCYCLOPENTADIENYL DERIVATIVES OF VARIOUS TRANSITION METALS
J ORGANOMETAL CHEM V8 PP287-297 1967
OAR ACCESS NO.....019001-009
BY KING R B — DOC NUMBER.....AD655402
BISNETTE M B — INSTR...AF-AFOSR-0580-66
PROJECT/TASK.....9710/02

AFOSR 67-1602
UNIVERSITY OF BRITISH COLUMBIA
ONE CAN HEAR WHETHER A DRUM HAS FINITE AREA
PROC AM MATH SOC V18 N2 PP236-237 APR 1967
OAR ACCESS NO.....008673-002
BY CLARK L — DOC NUMBER.....AD655332
MCGILL D — INSTR...AF-AFOSR-0370-66
PROJECT/TASK.....9749/01

AFOSR 67-1604
INSTITUTO CAJAL
NEURONAL PATTERNS ASSOCIATED WITH AFFECTIVE RESPONSES
FINAL REPORT FEB 1967
CAH ACCESS NO.....017641-002
BY FERNANDEZ DE MOLINA A DOC NUMBER.....AD655946
INSTR...AF-61(052)00939
PROJECT/TASK.....9777/01

AFOSR 67-1605
UNIVERSITY OF MISSOURI
MIXED HETEROPOLY ACID FORMATION FINAL REPORT JULY 1967
CAH ACCESS NO.....012031-001
BY GUYON J C DOC NUMBER.....AD655909
INSTR...AF-AFOSR-0205-65
PROJECT/TASK.....9710/01

AFOSR 67-1606
UNIVERSITY OF ROME
OXYPEROXIDASE (THE REACTION OF FERROPEROXIDASE WITH OXYGEN)
INTERN SYMP COMPARATIVE HEMOGLOBIN STRUCT THESSALONIKI
GREECE 11-13 APR 1966 PP132-133
CAH ACCESS NO.....018060-002
BY MITTENBERG J B DOC NUMBER.....AD655889
NURLE R INSTR...AF-EOAR -0022-66
MITTENBERG G A PROJECT/TASK.....9777/01
ANTONINI E
BRUNORI M

AFOSR 67-1607
JOHNS HOPKINS UNIVERSITY
HIGH RESOLUTION STUDIES IN THE FAR INFRARED FINAL REPORT
JUNE 1967
CAH ACCESS NO.....012551-005
BY ROBINSON D W DOC NUMBER.....AD655799
INSTR...AF-49(638)1430
PROJECT/TASK.....9710/03

AFOSR 67-1608
CORNELL UNIVERSITY
MAGNETIC SUSCEPTIBILITY OF URANIUM TRIFLUORIDE IN THE
RANGE 2-300 DEGREES K
INORG CHEM V6 PP324-328 1967
CAH ACCESS NO.....003192-008
BY BERGEN M DOC NUMBER.....AD655517
STEKKO M J INSTR...AF-AFOSR-0796-65
PROJECT/TASK.....9761/02

AFOSR 67-1609
IMPERIAL COLLEGE
CONFORMAL PROPAGATORS AND GREEN FUNCTIONS FOR ANY SPIN
CAH ACCESS NO.....010842-003
BY SCADRON M DOC NUMBER.....AD655886
INSTR...AF-EOAR -0012-67
PROJECT/TASK.....9751/01

AFOSR 67-1610
UNIVERSITY OF CALIFORNIA
FERROELECTRICITY
J APPL PHYS V38 N3 PP929-930 1 MAR 67
CAH ACCESS NO.....018930-055
BY MATTHIAS B T DOC NUMBER.....AD655493
INSTR...AF-AFOSR-0431-64
PROJECT/TASK.....9763/02

AFOSR 67-1611
UNIVERSITY OF CHICAGO
DIMENSION OF THE COSMIC RAY MODULATION REGION
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CAH ACCESS NO.....000625-007
BY SIMPSON J A DOC NUMBER.....AD655879
WANG J R INSTR...AF-49(638)-01042
PROJECT/TASK.....9751/00

AFOSR 67-1612
UNIVERSITAT BONN
INVESTIGATION OF EXTRA-NUCLEAR EFFECTS IN ANGULAR
CORRELATIONS FINAL REPORT JUNE 1967
CAH ACCESS NO.....017270-002
BY HOOGENSTOT H DOC NUMBER.....AD655901
INSTR...AF-EOAR -0069-65
PROJECT/TASK.....9751/00

AFOSR 67-1613
UNIVERSITY OF MARYLAND
A PHOSPHORUS-31 NUCLEAR MAGNETIC RESONANCE STUDY OF
TERTIARY PHOSPHINE COMPLEXES OF PLATINUM (II)
INORG CHEM V6 N8 PP1531-1537 JUN 1967
CAH ACCESS NO.....013430-005
BY GREEN S I DOC NUMBER.....AD655400
KEISER R L INSTR...AF-AFOSR-0702-65
MCFARLANE W PROJECT/TASK.....9710/01

AFOSR 67-1614
OREGON STATE UNIVERSITY
THE EFFECT OF RING SIZE ON THE RATE OF PYROLYSIS OF
CYCLOALKYL PHENYL SULFOXIDES
J ORG CHEM V32 PP1631-1633 MAY 1967
CAH ACCESS NO.....011821-009
BY KICE J L DOC NUMBER.....AD655682
CAMPBELL J D INSTR...AF-AFOSR-0106-65
PROJECT/TASK.....9762/03

AFOSR 67-1615
UNIVERSITY OF MARYLAND
NEW SOURCE FOR DYNAMICAL GRAVITATIONAL FIELDS
PHYS REV LETTERS V18 N19 8 MAY 1967
CAH ACCESS NO.....007183-002
BY SINSKY J DOC NUMBER.....AD655481
WEBER J INSTR...AF-AFOSR-0409-65
PROJECT/TASK.....9751/01

AFOSR 67-1616
UNIVERSITY OF CALIFORNIA
SUPERCONDUCTIVITY AT 20 DEGREES KELVIN
SCIENCE V156 N3775 PP645-646 5 MAY 67
CAH ACCESS NO.....018831-002
BY MATTHIAS B T DOC NUMBER.....AD655490
GEBALLE T H INSTR...AF-AFOSR-0631-67
LONGINOTTI L D PROJECT/TASK.....9763/03
COHEN R I E
HULL G W

AFOSR 67-1617
UNIVERSITY OF MARYLAND
SATURATION PROBLEM OF A SUM RULE OF SCALAR AND PSEUDOSCALAR
SPECTRAL FUNCTIONS
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CAH ACCESS NO.....002223-006
BY WOO C H DOC NUMBER.....AD655516
INSTR...AF-AFOSR-0500-66
PROJECT/TASK.....9751/01

AFOSR 67-1618
CARNEGIE INSTITUTE OF TECHNOLOGY
TIME SHARED COMPUTERS
CAH ACCESS NO.....022000-011
BY HELL C G DOC NUMBER.....AD655380
INSTR...SD -146
PROJECT/TASK.....9718/00

AFOSR 67-1620
UNIVERSITY OF CAMBRIDGE
DISCRETE SERIES FOR THE UNIVERSAL COVERING GROUP OF THE 3
PLUS 2 DE SITTER GROUP
J MATH PHYS V8 N2 PP170-174 FEB 1967
CAH ACCESS NO.....013011-016
BY EVANS N T DOC NUMBER.....AD655478
INSTR...AF-EOAR -0036-65
PROJECT/TASK.....9751/01

AFOSR 67-1622
STANFORD UNIVERSITY
PARTICLE-HOLE STATES IN THE ALPHA PARTICLE WITH REALISTIC
FORCES
PHYS REV V154 N4 PP955-970 20 FEB 1967
CAH ACCESS NO.....001793-008
BY JANNETT A H DOC NUMBER.....AD655523
INSTR...AF-49(638)-01389
PROJECT/TASK.....9751/01

AFOSR 67-1623
UNIVERSITY OF TEXAS
FILTER DESIGN FOR THE AVERAGE RESPONSE COMPUTER
1967 SAIEEECO RECORD NF-72 FP11-5-1-11-5-V 19 ANN 1967
CAH ACCESS NO.....015242-026
BY BLAKE R M DOC NUMBER.....AD655804
COX J R JR INSTR...AF-AFOSR-0786-67
PROJECT/TASK.....9751/00

AFOSR 67-1624
JOHNS HOPKINS UNIVERSITY
THE COMPARISON OF MULTIVARIATE TESTS OF HYPOTHESES BY MEANS
OF HAMADUN EFFICIENCY
SANKHYA SER A V28 PTS 2-3 PP157-178 1966
CAH ACCESS NO.....018670-010
BY GLESER L J DOC NUMBER.....AD655527
INSTR...AF-49(638)-01322
PROJECT/TASK.....9749/02

AFOSR 67-1625
NEW YORK UNIVERSITY
UNIFORM ASYMPTOTIC EXPANSIONS OF INTEGRALS WITH STATIONARY
POINT NEAR ALGEBRAIC SINGULARITY
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CAH ACCESS NO.....000133-005
BY BLEISTEIN N DOC NUMBER.....AD655491
INSTR...AF-AFOSR-0537-64
PROJECT/TASK.....9749/02

AFOSR 67-1626
PENNSYLVANIA STATE UNIVERSITY
DISPERSIVE WAVES IN THE UPPER ATMOSPHERE
SPACE RES 7 PP1059-1067 NORTH-HOLLAND PUB CO AMSTERDAM
DAN ACCESS NO.....019860-001
BY HOULT D P
DOC NUMBER.....AD655457
INSTR...AF-49(638)-01708
PROJECT/TASK.....9767/02

AFOSR 67-1627
UNIVERSITA DEGLI STUDI DI GENOVA
EXPERIMENTAL ANALYSIS OF CEREBRAL DOMINANCE IN MAN
BRAIN MECHANISMS UNDERLYING SPEECH LANGUAGE GRUNE &
STRATTON INC PP187-184 1967
DAN ACCESS NO.....005924-006
BY ROSSI G F
ROSADINI G
DOC NUMBER.....AD655486
INSTR...AF-61(052)00901
PROJECT/TASK.....9777/01

AFOSR 67-1628
CORNELL UNIVERSITY
SCANDIUM TITANITE AND SCANDIUM VANADITE SCANDIUM TITANIUM
OXIDE AND SCANDIUM VANADIUM OXIDE
INORG CHEM V6 N3 PP521-524 MAR 1967
DAN ACCESS NO.....003192-005
BY REID A F
SIENKO M J
DOC NUMBER.....AD655960
INSTR...AF-AFOSR-0706-65
PROJECT/TASK.....9761/02

AFOSR 67-1629
UNIVERSITY OF ILLINOIS
CURRENT SATURATION AND DRAIN CONDUCTANCE OF JUNCTION-GATE
FIELD-EFFECT TRANSISTORS
SOLID-STATE ELECTRONICS V10 N6 PP593-600 JUN 1967
CAR ACCESS NO.....003113-002
BY WU S Y
SAH C T
DOC NUMBER.....AD655862
INSTR...AF-AFOSR-0716-67
PROJECT/TASK.....9763/02

AFOSR 67-1630
CAMBRIDGE UNIVERSITY
WEINBERG SUM RULES AND SCALAR MESONS
JUNE 1967
DAN ACCESS NO.....013011-017
BY DE ALFARO S P
DOC NUMBER.....AD655479
INSTR...AF-EOAR-0036-65
PROJECT/TASK.....9751/01

AFOSR 67-1631
JOHNS HOPKINS UNIVERSITY
TRANSLATIONAL VARIATIONS IN THE AMINO ACID SEQUENCE OF THE
ALPHA CHAIN OF RABBIT HEMOGLOBIN
COLD SPRINGS HARBOR SYMP QUANT BIOL V31 PP705-716 1966
DAN ACCESS NO.....018390-003
BY EHRENSTEIN G V
DOC NUMBER.....AD656222
INSTR...AF-49(638)-01304
PROJECT/TASK.....9777/01

AFOSR 67-1632
IMPERIAL COLLEGE
FEYNMAN DIAGRAMS FOR UNITARY REPRESENTATIONS OF SL(2,C)
DAN ACCESS NO.....010642-004
BY KOLLER K
DOC NUMBER.....AD655733
INSTR...AF-EOAR-0012-67
PROJECT/TASK.....9751/01

AFOSR 67-1633
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
OPEN-SHELL HARTREE-FOCK MOLECULAR ORBITAL THEORY OF
TRANSITION METAL ION COMPLEXES (ANTIFERROMAGNETISM) POTASSIUM NICKEL
FLUORIDE
J APPL PHYS V38 N3 P1031 MAR 1967
DAN ACCESS NO.....027913-007
BY ELLIS D E
FREEMAN A J
DOC NUMBER.....AD656723
INSTR...AF49(638)-67-C-0047
PROJECT/TASK.....9764/01

AFOSR 67-1634
UNIVERSITY OF VERMONT
THE MOTION OF LIQUID INSIDE A CLOSED VIBRATING VESSEL
MICROTECHNIC SPECTRO V2 PP233-256 1967
DAN ACCESS NO.....004010-004
BY NEWTON R E
ROGERS A
DOC NUMBER.....AD655740
INSTR...AF-49(638)-1000
PROJECT/TASK.....9767/03

AFOSR 67-1635
UNIVERSITY OF MINNESOTA
AN EXTENSION OF THE METHOD OF AVERAGING
QUART APPL MATH V25 N2 PP255-311 JUL 67
DAN ACCESS NO.....011452-001
BY SETHNA P R
DOC NUMBER.....AD655732
INSTR...AF-AFOSR-0706-66
PROJECT/TASK.....9761/01

AFOSR 67-1636
TEXAS TECHNOLOGICAL COLLEGE
ION RADICALS XII THE REACTIONS OF DIARYL SULFIDES AND
SULFOXIDES BENZENE THIOLSULFONATE AND BENZENESULFINIC ACID
IN SULFURIC ACID
J ORG CHEM V32 PP1901-1908 JUN 1967
DAN ACCESS NO.....019930-003
BY SHINE H J
WAHMAN M
SEEGER M
WU G S
DOC NUMBER.....AD655756
INSTR...AF-AFOSR-0975-66
PROJECT/TASK.....9762/03

AFOSR 67-1637
CAMBRIDGE UNIVERSITY
FURINI SUM RULES FOR VERTEX FUNCTIONS
DAN ACCESS NO.....013011-018
BY HALLIDAY I G
LANDSHOFF P V
DOC NUMBER.....AD655737
INSTR...AF-EOAR-0036-65
PROJECT/TASK.....9751/01

AFOSR 67-1638
UNIVERSITY OF CAMBRIDGE
CONSISTENCY CONDITIONS ON MODELS FOR HIGH-ENERGY SCATTERING
J MATH PHYS V8 N2 PP320-325 FEB 1967
DAN ACCESS NO.....013011-019
BY EDEN R J
DOC NUMBER.....AD655739
INSTR...AF-EOAR-0036-65
PROJECT/TASK.....9751/01

AFOSR 67-1639
UNIVERSITY OF CAMBRIDGE
A HOMOLOGICAL APPROACH TO PARAMETRIC FEYNMAN INTEGRALS
MAY 1967
DAN ACCESS NO.....013011-020
BY BOYLING J M
DOC NUMBER.....AD655738
INSTR...AF-EOAR-0036-65
PROJECT/TASK.....9751/01

AFOSR 67-1640
UNIVERSITY OF CAMBRIDGE
VECTOR AND SPINOR CURRENT ALGEBRA AND THE A2D METHOD
DAN ACCESS NO.....013011-021
BY DRUMMOND I T
DOC NUMBER.....AD655785
INSTR...AF-EOAR-0036-65
PROJECT/TASK.....9751/01

AFOSR 67-1641
UNIVERSITY OF CANTERBURY
RADICAL CONCENTRATIONS AND DECAYS IN LEAN HYDROGEN--
NITROGEN--OXYGEN FLAMES
COMBUST FLAME V11 N1 PP63-70 FEB 1967
DAN ACCESS NO.....012971-005
BY MCEWAN M J
PHILLIPS L F
DOC NUMBER.....AD655989
INSTR...AF-AFOSR-0264-65
PROJECT/TASK.....9760/02

AFOSR 67-1642
IMPERIAL COLLEGE
THE MESONANCE APPROXIMATION IN SUPERCONVERGENCE RELATIONS
DAN ACCESS NO.....010642-005
BY RIVERS R J
DOC NUMBER.....AD655982
INSTR...AF-EOAR-0012-67
PROJECT/TASK.....9751/01

AFOSR 67-1643
IMPERIAL COLLEGE
DEGUIZATION OF INVARIANT AMPLITUDES
JULY 1967
DAN ACCESS NO.....010642-006
BY JONES H F
SCADRON M D
DOC NUMBER.....AD655983
INSTR...AF-EOAR-0012-67
PROJECT/TASK.....9751/01

AFOSR 67-1644
SYRACUSE UNIVERSITY
GREEN'S THEOREM AND INVARIANT TRANSFORMATIONS
APRIL 1967
DAN ACCESS NO.....002075-002
BY GOLDBERG J N
DOC NUMBER.....AD655984
INSTR...AF-AFOSR-0783-66
PROJECT/TASK.....9767/04

AFOSR 67-1645
UNIVERSITY OF MINNESOTA
NONDESTRUCTIVE DETERMINATION OF SEMICONDUCTOR CONDUCTIVITY
FROM CIRCULAR ELECTRIC FIELD MODE REFLECTIVITY
J APPL PHYS V38 N1 P256-59 JAN 1967
DAN ACCESS NO.....005811-008
BY CHAMBERLIN K S
MEEM J D
OLSEN G H
DOC NUMBER.....AD656014
INSTR...AF-AFOSR-0108-66
PROJECT/TASK.....9761/01

AFOSR 67-1646
CORNELL UNIVERSITY
ON THE DETECTION OF WATER ON THE MOON
PLANETARY SPACE SCI V15 PP771-776 1967
OAR ACCESS NO.....007643-010
BY WERNER M DOC NUMBER.....AD655977
GOLD T INSTR...AF-49(638)01527
HAIWIT M PROJECT/TASK.....9767/02

AFOSR 67-1647
STANFORD UNIVERSITY
RELATIVISTIC POSITRON-ELECTRON BREMSSTHAHLUNG AT WIDE
ANGLES A NUMERICAL CALCULATION
PHYS REV V154 N5 PP1601-1607 25 FEB 1967
OAR ACCESS NO.....001793-089
BY SWANSON S M DOC NUMBER.....AD655981
INSTR...AF-49(638)01389
PROJECT/TASK.....9781/01

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UNIVERSITY OF MINNESOTA
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DIFFERENTIAL EQUATIONS DYNAMICAL SYSTEMS PP323-332
ACADEMIC PRESS INC NEW YORK 1967
OAR ACCESS NO.....011452-007
BY SETHNA P R DOC NUMBER.....AD655990
INSTR...AF-AFOSR-0704-66
PROJECT/TASK.....9784/01

AFOSR 67-1649
JOHNS HOPKINS UNIVERSITY
THE CONCEPT OF A FILTER
PROC CAMBRIDGE PHIL SOC V63 PP221-227 1967
OAR ACCESS NO.....014670-011
BY HANNAN E J DOC NUMBER.....AD655982
INSTR...AF-49(638)01302
PROJECT/TASK.....9749/02

AFOSR 67-1650
UNIVERSITY OF ILLINOIS
THE EQUIVALENT CIRCUIT MODEL IN SOLID STATE ELECTRONICS-
PART I THE SINGLE ENERGY LEVEL DEFECT CENTERS
PROC IEEE V55 N5 PP654-671 MAY 67
OAR ACCESS NO.....003613-003
BY SAH C T DOC NUMBER.....AD655986
INSTR...AF-AFOSR-0710-67
PROJECT/TASK.....9763/02

AFOSR 67-1651
RUTGERS UNIVERSITY
ANHARMONIC CONTRIBUTION TO THE GRUNEISEN PARAMETERS
OF SOLID ARGON KRYPTON AND XENON
PROC PHYS SOC LONDON V90 PP1182-1185 1967
OAR ACCESS NO.....010301-006
BY HORTON G K DOC NUMBER.....AD656010
INSTR...AF-AFOSR-0726-65
PROJECT/TASK.....9761/01

AFOSR 67-1652
UNIVERSITY OF CAMBRIDGE
LIMITATIONS OF PION POLE DOMINANCE
OAR ACCESS NO.....013011-022
BY KENNER R DOC NUMBER.....AD655877
INSTR...AF-EOAR -0036-65
PROJECT/TASK.....9751/01

AFOSR 67-1653
UNIVERSITY OF OSLO
PERTURBATION THEORY EXPANSIONS THROUGH 20TH ORDER OF MASS
POLARIZATION CORRECTION RELATIVISTIC EFFECTS & LAMB SHIFT
OF TWO-ELECTRON SYSTEM /1S/SUP2/1S/
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OAR ACCESS NO.....014862-004
BY MIDTDAL J DOC NUMBER.....AD656002
AASHAMAR K INSTR...AF-EOAR -0033-66
PROJECT/TASK.....9700/01

AFOSR 67-1654
UNIVERSITY OF MINNESOTA
REFLECTIONS FROM ROTARY-VANE PRECISION ATTENUATORS
IEEE TRANS MICROWAVE THEORY TECH V-MTT-15 N2 PP123-124
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OAR ACCESS NO.....005811-009
BY HOLM J D DOC NUMBER.....AD655954
JOHNSON J F INSTR...AF-AFOSR-0006-66
CHAMPLIN K S PROJECT/TASK.....9761/03

AFOSR 67-1655
UNIVERSITY OF CALIFORNIA
ON THE CURVE-OF-GROWTH METHOD
ASTRON PAPERS V6 N1V UCLA
OAR ACCESS NO.....011690-009
BY ALLEN L H DOC NUMBER.....AD655961
INSTR...AF-AFOSR-0083-63
PROJECT/TASK.....9776/01

AFOSR 67-1656
INSTITUTO ELETTROTECNICO NAZIONALE
SELF MODULATING DERIVATIVE OPTICAL SPECTROSCOPY PART II
EXPERIMENTAL
APPL OPT V6 N3 PP487-495 MAR 1967
OAR ACCESS NO.....002793-001
BY MONFILIOLI G DOC NUMBER.....AD655758
PROVETTO P INSTR...AF-EOAR -0027-66
MUSCA G PROJECT/TASK.....9761/02
LEVIALDI S
PALMIERI G

AFOSR 67-1657
UNIVERSITY OF SOUTHERN CALIFORNIA
SPATIAL DISTRIBUTION OF EXCESS CARRIERS IN ELECTRON-BEAM
EXCITED SEMICONDUCTORS
PROC IEEE V55 N5 PP733-734 MAY 1967
OAR ACCESS NO.....011911-005
BY KYSER D F DOC NUMBER.....AD655956
WITTRY D B INSTR...AF-AFOSR-0076-66
PROJECT/TASK.....9761/03

AFOSR 67-1658
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
THE REACTION OF PHENYLETHINALDIMETHYL/MERCURIALS WITH
HEXAMETHYLDITIN THE FIRST CASE OF DIMALOCARBENE INSERTION
INTO A METAL-METAL BOND TO GIVE A STABLE MCXSUB2 SYSTEM
J AM CHEM SOC V89 N11 PP2790-2791 24 MAY 1967
OAR ACCESS NO.....014231-014
BY SEYFERTH D DOC NUMBER.....AD655957
ANNAHECHT F M JR INSTR...AF-AFOSR-0502-66
PROJECT/TASK.....9762/02

AFOSR 67-1659
UNIVERSITY OF WISCONSIN
PREPARATION AND STRUCTURE OF /CHSUB3FESUB2/CU/SUB6 SUB2S/
AN ORGANOMETALLIC COMPLEX CONTAINING A TETRAHEDRAL-LIKE
SULFUR ATOM COORDINATED TO FOUR METAL ATOMS
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OAR ACCESS NO.....014421-003
BY COLEMAN J M DOC NUMBER.....AD655958
WOJCICKI A INSTR...AF-AFOSR-0518-66
PULLICK P J PROJECT/TASK.....9710/01
DAHL L F

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OAR ACCESS NO.....016390-003
BY MEADE R D DOC NUMBER.....AD655731
WHITTAKER J O INSTR...AF-AFOSR-0762-65
PROJECT/TASK.....9779/02

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UNIVERSITY OF CALIFORNIA
O/4/ SYMMETRY AND REGGE-POLE THEORY
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OAR ACCESS NO.....005134-013
BY FREEDMAN D Z DOC NUMBER.....AD656024
WANG J M INSTR...AF-AFOSR-0232-66
PROJECT/TASK.....9751/01

AFOSR 67-1662
YALE UNIVERSITY
ORBITS IN THE COPENHAGEN PROBLEM ASYMPTOTIC AT L5U56
AND THEIR GENEALOGY
ASTRON J V72 N2 PP190-201 MAR 67
OAR ACCESS NO.....011494-003
BY DANBY J M A DOC NUMBER.....AD655963
INSTR...AF-AFOSR-0397-67
PROJECT/TASK.....9749/01

AFOSR 67-1663
UNIVERSITY OF FLORIDA
COHERENT TUNABLE CW OSCILLATIONS IN A SMOOTH-BORE MAGNETRON
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OAR ACCESS NO.....017051-001
BY SUTHERLAND A D DOC NUMBER.....AD657359
INSTR...AF-AFOSR-0839-66
PROJECT/TASK.....9768/02

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SOUTHWEST CENTER FOR ADVANCED STUDIES
THE TRAVEL TIMES OF P WAVES TO 30 DEGREES IN THE CENTRAL
UNITED STATES AND UPPER MANTLE STRUCTURE FINAL REPORT JULY
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OAR ACCESS NO.....022390-001
BY NODLEIGH DOC NUMBER.....AD658198
GREEN W E INSTR...AF-49(638)01746
HALES A L PROJECT/TASK.....8652/00

AFOSR 67-1665
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TECH REPT NO 11 JUNE 1967
BY RUSSELL J K
OAR ACCESS NO.....012193-004
DDC NUMBER.....AD655882
INSTR...AF-AFOSR-0007-67
PROJECT/TASK.....9769/04

AFOSR 67-1666
UNIVERSITY OF CHICAGO
BIOLOGICAL AND PHYSICAL REALIZATIONS OF ABSTRACT METABOLIC MODELS
HELGOLAENDER WISS MEERESUNTERSUCH V14 PP23-31 1966
BY ROSEN R
OAR ACCESS NO.....007883-004
DDC NUMBER.....AD655724
INSTR...AF-AFOSR-0009-65
PROJECT/TASK.....9777/01

AFOSR 67-1667
STANFORD UNIVERSITY
QUANTUM HARD-SPHERE GAS IN THE LIMIT OF HIGH DENSITIES WITH APPLICATION TO SOLIDIFIED LIGHT GASES
PHYS REV V155 N1 PP114-121 5 MAR 1967
BY COLE R K JR
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AFOSR 67-1668
COLUMBIA UNIVERSITY
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ASTROPHYS J V146 N2 PP597-599 NOV 1966
BY WOLTJER L
OAR ACCESS NO.....019290-011
DDC NUMBER.....AD655729
INSTR...AF-49(638)-01358
PROJECT/TASK.....9774/01

AFOSR 67-1669
UNIVERSITY OF TEXAS
ON THE ALUMINUM BORIDE TYPE PHASES
Z METALL V58 N3 PP179-194 1967
BY RAMAN A
OAR ACCESS NO.....010751-005
DDC NUMBER.....AD654743
INSTR...AF-AFOSR-0836-65
PROJECT/TASK.....9761/02

AFOSR 67-1670
UNIVERSITY OF NORTH CAROLINA
ELECTRICALLY CHARGED SURFACES AND THE PHOTOGRAPHIC PROCESS
PHOT SCI ENG V11 N2 PP79-81 MAR APR 1967
BY SLIFKIN L
MCGOWAN W
FUKAI A
KIM J S
OAR ACCESS NO.....00A882-001
DDC NUMBER.....AD655753
INSTR...AF-AFOSR-0450-66
PROJECT/TASK.....9763/03

AFOSR 67-1671
UNIVERSITY OF CHICAGO
ON THE INTERPRETATION OF THE FACTOR GROUP SPLITTING IN NAPHTHALENE CRYSTAL
MOL CRYST V2 PP365-387 1967
BY SILBEY R
JORTNER J
VALA M
RICE S A
OAR ACCESS NO.....015061-003
DDC NUMBER.....AD655720
INSTR...AF-AFOSR-0781-67
PROJECT/TASK.....9760/01

AFOSR 67-1672
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BY TURRO N J
OAR ACCESS NO.....019000-005
DDC NUMBER.....AD655730
INSTR...AF-AFOSR-1000-66
PROJECT/TASK.....9760/02

AFOSR 67-1673
UNIVERSITY OF CHICAGO
DRIFT VELOCITY AND ENERGY OF ELECTRONS IN LIQUID ARGON
PHYS REV V156 N2 PP351-352 10 APR 1967
BY HALPERN I
LEKNER J
RICE S A
GOMER R
OAR ACCESS NO.....015061-004
DDC NUMBER.....AD655955
INSTR...AF-AFOSR-0781-67
PROJECT/TASK.....9760/01

AFOSR 67-1674
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
MAGNETIC MOMENT MEASUREMENTS IN SINGLE-CRYSTAL DYSPROSIUM HOLMIUM ERBIUM AND GADOLINIUM IN DC FIELDS UP TO 170 KG
J APPL PHYS V38 N3 P1377 1 MAR 67
BY FONER S
MCNIFF E J JR
OAR ACCESS NO.....007912-004
DDC NUMBER.....AD655722
INSTR...F44620-67-C-0067
PROJECT/TASK.....9764/00

AFOSR 67-1675
UNIVERSITY OF CALIFORNIA
FERROMAGNETISM IN (AUSUBGV) GOLD VANADIUM ALLOY
PHYS REV LETTERS V18 N20 PP851-852 15 MAY 1967
BY CHEVELING L
LUO H L
KNAPP G S
OAR ACCESS NO.....018831-003
DDC NUMBER.....AD655727
INSTR...AF-AFOSR-0631-67
PROJECT/TASK.....9763/03

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LEHIGH UNIVERSITY
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CNSS PPT NO 2 APRIL 1967
BY TAYLOR R S
ANDERSON R H
ARICO A P
GREEN J S
OAR ACCESS NO.....015350-002
DDC NUMBER.....AD653279
INSTR...AF-AFOSR-0724-66
PROJECT/TASK.....9769/01

AFOSR 67-1677
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
QUANTUM LIMIT GALVANOMAGNETIC PHENOMENA IN NORMAL-INDIUM ANTIMONIDE
PHYS REV LETTERS V18 N19 PP773-775 8 MAY 1967
BY DECKMAN D
HANAMURA E
NEUMINGER L J
OAR ACCESS NO.....007912-009
DDC NUMBER.....AD656171
INSTR...F44620-67-C-0067
PROJECT/TASK.....9764/00

AFOSR 67-1678
GRUMMAN A. CRAFT ENGINEERING CORP
COMPUTATIONAL ALGORITHMS IN OPTIMAL CONTROL
IEEE INTERN CONV 1967 NY NY PP1-13 20-23 MAR 1967
BY KUPP R E
OAR ACCESS NO.....013763-009
DDC NUMBER.....AD655735
INSTR...AF-49(638)-01512
PROJECT/TASK.....9749/01

AFOSR 67-1679
NORTHWESTERN UNIVERSITY
MAGNETIC PROPERTIES OF IRON OXIDE AS RELATED TO THE DEFECT STRUCTURE
J APPL PHYS V38 N3 PP1470-1471 1 MAR 67
BY FINE M E
KOCH F M
OAR ACCESS NO.....013070-006
DDC NUMBER.....AD655757
INSTR...AF-AFOSR-0327-63
PROJECT/TASK.....9763/01

AFOSR 67-1680
CLARKSON COLLEGE OF TECHNOLOGY
THE CHANGE IN ELECTRICAL RESISTIVITY WITH PLASTIC DEFORMATION OF COPPER AT DIFFERENT STRAIN RATES
CAN J PHYS V45 PP225-228 1967
BY MARTIN M C
WELTON K F
OAR ACCESS NO.....011131-004
DDC NUMBER.....AD655858
INSTR...AF-AFOSR-0796-65
PROJECT/TASK.....9763/01

AFOSR 67-1681
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
AC SUPERCONDUCTING SOLENOID FOR KILOGAUSS FIELD MODULATION
REV SCI INSTR V38 N5 PP600-601 MAY 1967
BY KOLTIN S
FONER S
MCNIFF E J JR
OAR ACCESS NO.....037912-010
DDC NUMBER.....AD655740
INSTR...F44620-67-C-0067
PROJECT/TASK.....9764/01

AFOSR 67-1682
UNIVERSITY OF ROCHESTER
TEMPERATURE TRANSFORMATIONS A PRACTICAL CHOICE
NUOVO CIMENTO SER X V48 PP167-170 MAR 1967
BY EMERY J M
OAR ACCESS NO.....004623-011
DDC NUMBER.....AD653252
INSTR...AF-AFOSR-0237-65
PROJECT/TASK.....9767/02

AFOSR 67-1683
ROYAL UNIVERSITY OF UPPSALA
A TWO-SEGMENT COLUMN PROCEDURE FOR SINGLE STEP ISOLATION OF DEXTRAN FROM RED CELL SUSPENSIONS
ARKIV KEMI V26 N43 PP507-519 1967
BY MANSDEN N V
OSTLING S G
OAR ACCESS NO.....006582-003
DDC NUMBER.....AD655884
INSTR...AF-EOAR-0033-64
PROJECT/TASK.....9777/01

AFOSR 67-1684
UNIVERSITY OF TEXAS
DISPLACEMENT AND THE SUMMATION OF FRUSTRATION
J EXPTL RES PERSONALITY V1 N4 PP254-261 DEC 1966
BY BURCHEL P
OAR ACCESS NO.....003800-008
DDC NUMBER.....AD655750
INSTR...AF-49(638)-00460
PROJECT/TASK.....9779/02

AFOSR 67-1695
UNIVERSITY OF MINNESOTA
HYDRATION OF UNDISSOCIATED SALTS IN ACETONITRILE
J AM CHEM SOC V89 N11 PP2921-2924 24 MAY 1967
DAR ACCESS NO.....012231-003
BY KOLTHOFF I M — DDC NUMBER.....AD655860
CHANTOONI M K JR — INSTR...AF-AFOSR-302B-65
PROJECT/TASK.....9710/03

AFOSR 67-1697
UNIVERSITY OF MASSACHUSETTS
ACETONITRILE EXCHANGE RATES IN SOLUTIONS OF NICKEL/III/ IONS
BY NUCLEAR MAGNETIC RESONANCE
INORG CHEM V6 N6 PP1252-1254 JUN 1967
DAR ACCESS NO.....013611-004
BY MAVAGE D K — DDC NUMBER.....AD655859
STENGLE T R — INSTR...AF-AFOSR-0212-65
LANGFORD C H — PROJECT/TASK.....9760/02

AFOSR 67-1698
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
HIGH-MAGNETIC-FIELD STUDIES OF ORTHOMANGANITE AND
RHOMBOHEDRAL /ALUMINUM IRON OXIDE/ COMPOUNDS
J APPL PHYS V38 N3 PP1282-1283 1 MAR 1967
DAR ACCESS NO.....007912-011
BY SCHIEBER M — DDC NUMBER.....AD655721
FRANKEL R H — INSTR...F44620-67-C-0047
BLUM N A — PROJECT/TASK.....9764/01
FONER S

AFOSR 67-1690
GOTEBORGS UNIVERSITET
BIOCHEMICAL STUDIES OF NEURONS AND GLIA DURING LEARNING
AND DIFFERENT FUNCTIONAL CONDITIONS FINAL REPORT MAY 1967
DAR ACCESS NO.....004256-001
BY HYDEN H — DDC NUMBER.....AD656138
INSTR...AF-EOAR -0038-66
PROJECT/TASK.....9777/01

AFOSR 67-1691
UNIVERSITY OF ROME
STUDIES ON THE QUANTUM YIELDS OF THE PHOTODISSOCIATION OF
CARBON MONOXIDE FROM HEMOGLOBIN AND MYOGLOBIN
BIOCHEMISTRY V6 N4 PP1216-1222 APR 1967
DAR ACCESS NO.....018060-003
BY NOBLE R W — DDC NUMBER.....AD655985
GRUNORI M — INSTR...AF-EOAR -0022-66
WYMAN J — PROJECT/TASK.....9777/01
ANTONINI E

AFOSR 67-1692
RENSSELAER POLYTECHNIC INSTITUTE
A DISJUNCT APPROACH TO CERTAIN STOCHASTIC EIGENVALUE
PROBLEMS
SIAM J APPL MATH V15 N1 PP143-152 JAN 1967
DAR ACCESS NO.....001283-002
BY BOYCE W E — DDC NUMBER.....AD655741
INSTR...AF-AFOSR-0182-66
PROJECT/TASK.....9769/01

AFOSR 67-1693
ROYAL UNIVERSITY OF UPPSALA
GENESIS OF ACTION POTENTIALS IN EXCITABLE TISSUES
FINAL REPORT MAY 1967
DAR ACCESS NO.....008584-001
BY ECCLES J — DDC NUMBER.....AD655902
INSTR...AF-EOAR -0005-66
PROJECT/TASK.....9777/01

AFOSR 67-1695
UNIVERSITY OF VERMONT
CHEMISORPTION OF CARBON MONOXIDE ON MOLYBDENUM
SURFACE SCI V7 PP79-90 1967
DAR ACCESS NO.....019640-001
BY CRISPELL A D — DDC NUMBER.....AD655755
MATTHEWS L D — INSTR...AF-AFOSR-0993-66
PROJECT/TASK.....9760/03

AFOSR 67-1696
OHIO STATE UNIVERSITY RESEARCH FOUNDATION
AN EXAMINATION OF THE BLAU-SCOTT AND ETZIONI TYPOLOGIES
ADMIN SCI QUART V12 N1 PP119-139 JUN 1967
DAR ACCESS NO.....003760-001
BY HALL R H — DDC NUMBER.....AD655728
EUGENE HAAS J — INSTR...AF-AFOSR-0038/00147
JOHNSON N J — PROJECT/TASK.....9778/02

AFOSR 67-1697
UNIVERSITY OF MISSOURI
SPECTROPHOTOMETRIC DETERMINATION OF BISMUTH
ANAL CHEM V37 N13 PP1774-1776 DEC 1965
DAR ACCESS NO.....012030-001
BY GUYON J C — DDC NUMBER.....AD656135
CLINE L J — INSTR...AF-AFOSR-0205-63
PROJECT/TASK.....9710/01

AFOSR 67-1698
UNIVERSITY OF MAINE
INFLUENCE OF ELECTRIC FIELDS ON THE MOLECULAR ALIGNMENT IN
THE LIQUID-CRYSTAL PARA-AZOXYANISOLE
J CHEM PHYS V46 N7 PP2768-2769 1 APR 67
DAR ACCESS NO.....008391-003
BY CARR E F — DDC NUMBER.....AD655794
TWITCHELL R P — INSTR...AF-AFOSR-0608-64
PROJECT/TASK.....9761/02

AFOSR 67-1699
OPTICS TECHNOLOGY INC
DIFFRACTION BY FIBER MOSAICS
APPL OPT V6 PP582-583 MAR 67
DAR ACCESS NO.....012871-001
BY WILCOX W E — DDC NUMBER.....AD655751
INSTR...AF-49/638/01A26
PROJECT/TASK.....9767/02

AFOSR 67-1700
STANFORD UNIVERSITY
A SIMPLE RULE FOR CHECKING THE VALIDITY OF CERTAIN
DETECTION FORMULAS
IEEE TRANS INFORM THEORY V11-13 N1 PP144-145 JAN 1967
DAR ACCESS NO.....017360-008
BY KAILATH T — INSTR...AF-49/638/01517
PROJECT/TASK.....9769/01

AFOSR 67-1701
UNIVERSITY OF CHICAGO
NUCLEAR MAGNETIC RESONANCE STUDY OF BORATE--POLYBORATE
EQUILIBRIA IN AQUEOUS SOLUTION
INORG CHEM V6 N6 PP1189-1192 JUN 1967
DAR ACCESS NO.....019780-001
BY MONIE R K — DDC NUMBER.....AD656021
NACHTRIEB N H — INSTR...AF-AFOSR-1086-66
PROJECT/TASK.....9710/02

AFOSR 67-1702
NORTHWESTERN UNIVERSITY
RELIABILITY AND OPTIMUM DESIGN OF THE INTERCONNECTIONS
OF A POWER SYSTEM
IEEE TRANS POWER APP SYSTEMS VPAS85 N12 PP1191-1195 DEC
1966
DAR ACCESS NO.....011791-011
BY FRANK H — DDC NUMBER.....AD655962
HAKIMI S L — INSTR...AF-AFOSR-0098-65
PROJECT/TASK.....9769/01

AFOSR 67-1703
YESHIVA UNIVERSITY
ORGANOPHOSPHORUS CHEMISTRY IV THE REACTIONS OF TRIALKYL
PHOSPHITES WITH ALPHA-HALO KETONES
J ORG CHEM V32 PP1723-1729 JUN 1967
DAR ACCESS NO.....017180-001
BY GORDWITZ I J — DDC NUMBER.....AD656020
ANSCHEL M — INSTR...AF-AFOSR-0938-65
FINSTENBERG — PROJECT/TASK.....9762/02

AFOSR 67-1704
IMPERIAL COLLEGE
U/S 6/ AND SUPERCONVERGENT SUM RULES FOR MESON-BARYON
SCATTERING
DAR ACCESS NO.....010842-007
BY JONES H F — DDC NUMBER.....AD656001
SCADRON M D — INSTR...AF-EOAR -0012-67
PROJECT/TASK.....9751/01

AFOSR 67-1705
LAVAL UNIVERSITY
FURTHER COMMENTS ON REPLICATION IN /N R/-SYSTEMS
BULL MATH BIOPHYS V29 PP91-94 1967
DAR ACCESS NO.....007463-005
BY ROSEN R — DDC NUMBER.....AD655719
INSTR...AF-AFOSR-0009-65
PROJECT/TASK.....9777/01

AFOSR 67-1706
WASHINGTON UNIVERSITY
FUNCTIONAL LAGRANGE EXPANSION IN STATE SPACE AND THE
S-DOMAIN
IEEE TRANS AUTO CONTROL VAC-11 N3 PP498-505 JUL 66
DAR ACCESS NO.....014161-004
BY ZAJDSZKY J — DDC NUMBER.....AD655987
GURMAN D — INSTR...AF-AFOSR-0482-65
PROJECT/TASK.....9769/01

AFOSR 67-1707
UNIVERSITY OF MISSOURI
SPECTROPHOTOMETRIC DETERMINATION OF ZIRCONIUM
ANAL CHIM ACTA V37 PP401-402 1967
DAR ACCESS NO.....012030-002
BY GUYON J C — DDC NUMBER.....AD656137
INSTR...AF-AFOSR-0205-63
PROJECT/TASK.....9710/01

AFOSR 67-1708
UNIVERSITY OF ILLINOIS
THE EQUIVALENT CIRCUIT MODEL IN SOLID STATE ELECTRONICS - PART II THE MULTIPLE ENERGY LEVEL IMPURITY CENTERS
PROC IEEE V55 N8 PP972-984 8 MAY 1967
BY SAH C T
OAR ACCESS NO.....003613-006
DDC NUMBER.....AD658985
INSTR...AF-AFOSR-0714-67
PROJECT/TASK.....9763/02

AFOSR 67-1709
DARTMOUTH COLLEGE
USE OF NEON EXCHANGE GAS FOR PRECOOLING HELIUM CRYOSTATS
REV SCI INSTR V38 N4 PP555-556 APR 67
BY KIDDER J N
OAR ACCESS NO.....013052-001
DDC NUMBER.....AD655991
INSTR...AF-49(638)-01717
PROJECT/TASK.....9767/03

AFOSR 67-1710
STANFORD UNIVERSITY
ISOTROPY OF COSMIC BACKGROUND RADIATION AT 10690 MHZ
PHYS REV LETTERS V18 N15 P614 10 APR 67
BY CONKLIN E K
BRACEWELL R N
OAR ACCESS NO.....000143-002
DDC NUMBER.....AD655732
INSTR...AF-49(638)-01375
PROJECT/TASK.....9767/02

AFOSR 67-1711
UNIVERSITY OF CALIFORNIA
SIDEWISE DISPERSION RELATIONS AND THE AXIAL-VECTOR COUPLING CONSTANT
PHYS REV V155 PP1788-1791 25 MAR 1967
BY BARDAKCI K
OAR ACCESS NO.....008134-014
DDC NUMBER.....AD655726
INSTR...AF-AFOSR-0232-66
PROJECT/TASK.....9751/01

AFOSR 67-1712
UNIVERSITY OF CALIFORNIA
ON A CLASS OF C ALGEBRAS
MATH ANN V170 PP283-313 1967
BY COMBES M D
OAR ACCESS NO.....016450-007
DDC NUMBER.....AD655725
INSTR...AF-AFOSR-0553-66
PROJECT/TASK.....9749/02

AFOSR 67-1713
UNIVERSITY OF PISA
INTERPOLATIVE ESTIMATES IN CERTAIN SOBOLEV SPACES
ANN MAT SER6 V75 PP261-276 1967
BY CAMPANATO S
OAR ACCESS NO.....016791-001
DDC NUMBER.....AD656007
INSTR...AF-EOAR-00018-67
PROJECT/TASK.....9749/02

AFOSR 67-1714
UNIVERSITY OF WISCONSIN
ORGANOMETALLIC SULFUR COMPLEXES VI THE MOLECULAR STRUCTURE A TRICYCLIC COMPLEX TRICOBALT ENNEACARBONYL SULFIDE
INORG CHEM V6 N6 PP1229-1236 JUN 1967
BY WEI C H
DAHL L F
OAR ACCESS NO.....018421-004
DDC NUMBER.....AD655896
INSTR...AF-AFOSR-0518-66
PROJECT/TASK.....9710/01

AFOSR 67-1715
MCMASTER UNIVERSITY
NUCLEAR STABILITY AND NUCLEAR ENERGETICS BY MEANS OF ATOMIC MASS MEASUREMENT FINAL REPORT JULY 1967
BY DUCKWORTH H E
OAR ACCESS NO.....031714-002
DDC NUMBER.....AD655927
INSTR...AF-AFOSR-0159-64
PROJECT/TASK.....9751/01

AFOSR 67-1716
UNIVERSITY OF CALIFORNIA
ON A CONJECTURE OF H L VAN DER WAERDEN
PROC CAMBRIDGE PHIL SOC V63 PP305-309 1967
BY MARCUS M
MINC H
OAR ACCESS NO.....014930-320
DDC NUMBER.....AD655980
INSTR...AF-AFOSR-0698-65
PROJECT/TASK.....9749/01

AFOSR 67-1717
STANFORD UNIVERSITY
CONVERGENCE OF THE SERIES EXPANSION FOR THE THOMAS-FERMI FUNCTION
J CHEM PHYS V46 N3 PP1213-1214 1 FEB 1967
BY ENSTROM J E
OAR ACCESS NO.....001793-091
DDC NUMBER.....AD656220
INSTR...AF-49(638)-01389
PROJECT/TASK.....9751/01

AFOSR 67-1718
HARVARD UNIVERSITY
MASS EMPIRICS
PHY REV LETTERS V18 N19 P747 8 MAY 1967
BY SCHWINGER J
OAR ACCESS NO.....004861-036
DDC NUMBER.....AD656810
INSTR...AF-49(638)-01380
PROJECT/TASK.....9761/01

AFOSR 67-1719
PENNSYLVANIA STATE UNIVERSITY
USE OF OPW WAVE FUNCTIONS FOR INTERBAND ABSORPTION IN THE ALKALIS
PHYS LETTERS V24A N11 PP611-613 22 MAY 67
BY CUTLER P H
MISKOVSKY N M
OAR ACCESS NO.....000252-001
DDC NUMBER.....AD656127
INSTR...AF-AFOSR-0213-66
PROJECT/TASK.....9761/01

AFOSR 67-1720
UNIVERSITY OF MARYLAND
AMOUNT OF FOUR-PARTICLE PRODUCTION REQUIRED IN S-MATRIX THEORY
PHYS REV V156 N5 PP1588-1593 25 APRIL 1967
BY DRAGT A J
OAR ACCESS NO.....002223-007
DDC NUMBER.....AD655972
INSTR...AF-AFOSR-0500-66
PROJECT/TASK.....9751/01

AFOSR 67-1721
WESTERN RESERVE UNIVERSITY
VASOPRESSIN ITS BIOASSAY AND THE PHYSIOLOGICAL CONTROL OF ITS RELEASE
AM J MED V42 N5 PP701-712 MAY 1967
BY SHARE L
OAR ACCESS NO.....016820-004
DDC NUMBER.....AD655973
INSTR...AF-AFOSR-0692-65
PROJECT/TASK.....9777/01

AFOSR 67-1722
NORTH DAKOTA STATE UNIVERSITY
SOCIAL PRESSURE IN THE MODIFICATION AND DISTORTION OF JUDGMENT
INTERN J PSYCHOL V2 N2 PP109-113 1967
BY WHITTAKER J O
MEADE R D
OAR ACCESS NO.....016390-004
DDC NUMBER.....AD655975
INSTR...AF-AFOSR-0762-65
PROJECT/TASK.....9779/02

AFOSR 67-1723
UNIVERSITY OF CHICAGO
SOLAR MODULATION AND THE ENERGY DENSITY OF GALACTIC COSMIC RAYS
ASTROPHYS J V148 PP L41-L46 APR 1967
BY GLOECKLER G
JOKIPII J R
OAR ACCESS NO.....000629-008
DDC NUMBER.....AD655974
INSTR...AF-49(638)-01642
PROJECT/TASK.....9751/04

AFOSR 67-1724
STANFORD UNIVERSITY
REMARKS CONCERNING INELASTIC ELECTRON SCATTERING FROM 3 HE
NUCL PHYS B1 PP349-359 1967
BY GIBSON B F
REST G D
OAR ACCESS NO.....001793-092
DDC NUMBER.....AD656219
INSTR...AF-49(638)-01389
PROJECT/TASK.....9751/01

AFOSR 67-1725
TUFTS UNIVERSITY
COMPENSATION FOR AUDITORY RE-ARRANGEMENT IN HAND-EAR COORDINATION
PERCEPT MOTOR SKILLS V24 PP1207-1210 1967
BY FREEDMAN S J
WILSON L
HEKOSH J M
OAR ACCESS NO.....014320-008
DDC NUMBER.....AD655903
INSTR...AF-49(638)-01202
PROJECT/TASK.....9778/01

AFOSR 67-1726
OHIO STATE UNIVERSITY
REALISM IN LABORATORY SIMULATION MYTH OR METHOD
SOCIAL FORCES V45 N3 PP337-346 MAR 1967
BY DRABEK T E
HAAS J E
OAR ACCESS NO.....019161-002
DDC NUMBER.....AD656017
INSTR...AF-AFOSR-0572-65
PROJECT/TASK.....9779/01

AFOSR 67-1727
NORTHWESTERN UNIVERSITY
GENERATION OF ALL HAMILTONIAN CIRCUITS PATHS AND CENTERS OF A GRAPH AND RELATED CIRCUITS
IEEE TRANS CIRCUIT THEORY VCT-14 N1 PP79-81 MAR 67
BY YAU S S
OAR ACCESS NO.....011791-012
DDC NUMBER.....AD655970
INSTR...AF-AFOSR-0098-65
PROJECT/TASK.....9749/01

AFOSR 67-1728
UNIVERSITY OF ROCHESTER
PAR-DIVISION ABSORPTION SPECTRUM OF CDS
PHYS REV LETTERS V18 N4 PP113-116 23 JAN 1967

BY REGENSBURGER P J
PANIZZA E

DAR ACCESS NO.....013721-009
INSTR...AF-AFOSR-0218-65
PROJECT/TASK.....9767/02

AFOSR 67-1729
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
CRYSTALLIZATION OF FERROUS AMMONIUM SULFATE ON A SEED IN MAGNETIC FIELDS UP TO KILO-OERSTED
SOLID STATE COMM V5 PP383-385 1967

BY SCHIEMEN W W

DAR ACCESS NO.....007312-012
DDC NUMBER.....AD656123
INSTR...DA-ARO(D)-67-C-0047
PROJECT/TASK.....9764/00

AFOSR 67-1730
CORNELL UNIVERSITY
LUNAR OCCULTATION STUDIES OF FIVE NEAR RADIO SOURCES OF SMALL ANGULAR SIZE
ASTRONOMY J VIAR N3 PP1 PP669-687 JUN 1967

BY HAZARD C
GULKIS S
MAY A D

DAR ACCESS NO.....509000-039
DDC NUMBER.....AD659088
INSTR...AF-AFOSR-67-1156
PROJECT/TASK.....9834/00

AFOSR 67-1731
UNIVERSITY OF ROCHESTER
COMPLEX REPRESENTATION OF OPTICAL FIELDS IN COHERENCE THEORY
J OPT SOC AM V57 N5 PP613-617 MAY 1967

BY MANDEL L

DAR ACCESS NO.....013010-005
DDC NUMBER.....AD659209
INSTR...AF-AFOSR-67-1532
PROJECT/TASK.....9767/00

AFOSR 67-1732
UNIVERSITY OF CALIFORNIA
PROXIMITY EFFECT IN SUPERCONDUCTING CONTACTS BY ELECTRON TUNNELING
PHYSIK KONDENS MATERIE V6 PP21-37 1967

BY CLARSON T
GYAX S
MAKI K

DAR ACCESS NO.....010830-056
DDC NUMBER.....AD655905
INSTR...AF-AFOSR-0610-64
PROJECT/TASK.....9761/02

AFOSR 67-1733
UNIVERSITY OF TEXAS
GROUND STATES OF SIGMA-BONDED MOLECULES I A SEMIEMPIRICAL SCF MO TREATMENT OF HYDROCARBONS
J AM CHEM SOC V89 N13 PP3306-3309 21 JUN 1967

BY DEWAR M J S
KLOPMAN G

DAR ACCESS NO.....019641-002
DDC NUMBER.....AD655909
INSTR...AF-AFOSR-1350-67
PROJECT/TASK.....9762/01

AFOSR 67-1734
POLYTECHNIC INSTITUTE OF BROOKLYN
ON TRANSFER FUNCTIONS OCCURRING IN THE THEORY OF DIFFRACTION IN INHOMOGENEOUS MEDIA
J INST MATH APPL V3 PP274-287 1967

BY LEVEY L
PESSEN E

DAR ACCESS NO.....001EMP-042
DDC NUMBER.....AD656217
INSTR...AF-AFOSR-1402
PROJECT/TASK.....9751/03

AFOSR 67-1735
UNIVERSITY OF CAMBRIDGE
SIMPLIFIED MODEL FOR A MULTI-PARTICLE PROBLEM TRAJECTORY
PHYS REV V155 N5 PP1787-1792 25 MAY 67

BY DRUMMOND I T

DAR ACCESS NO.....013011-033
DDC NUMBER.....AD655650
INSTR...AF-AFOSR-0938-65
PROJECT/TASK.....9751/01

AFOSR 67-1736
UNIVERSITY OF WESTERN AUSTRALIA
TACTILE SPATIAL ACUITY EFFECTS OF ADAPTATION LEVEL
J EXPTL PSYCHOL V71 N1 PP55-59 1967

BY GIBSON A J

DAR ACCESS NO.....019703-033
DDC NUMBER.....AD655478
INSTR...AF-AFOSR-[illegible]-65
PROJECT/TASK.....9774/01

AFOSR 67-1737
UNIVERSITY OF CALIFORNIA
SINGULAR INTEGRAL OPERATORS ON A HALF-LINE
DUKE MATH JOUR V33 N3 PP419-426 SEP 66

BY COHEN H H
MEYERS P A

DAR ACCESS NO.....[illegible]-138
DDC NUMBER.....AD655049
INSTR...AF-AFOSR-[illegible]
PROJECT/TASK.....[illegible]

AFOSR 67-1738
UNIVERSITY OF CHICAGO
EFFECTS OF PRESSURE ON THE TRANSPORT OF IONS THROUGH ROTATING HELIUM II
PHYS REV V158 N1 PP139-150 5 MAY 1967

BY SWINGETT O E

DAR ACCESS NO.....018990-013
DDC NUMBER.....AD655968
INSTR...AF-AFOSR-0785-65
PROJECT/TASK.....9769/01

AFOSR 67-1739
UNIVERSITY OF COLORADO
LINEAR POSITIVE MACHINES
J COMPUTING SYSTEMS SCI V1 N1 PP26-28 APR 1967

BY HUCK H S

DAR ACCESS NO.....021750-001
DDC NUMBER.....AD656132
INSTR...AF-AFOSR-1070-66
PROJECT/TASK.....9749/01

AFOSR 67-1741
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
MICROWAVE FLUX-FLOW DISSIPATION IN PARAMAGNETICALLY-LIMITED TI-V ALLOYS
PHYS LETTERS V24A N12 PP863-864 5 JUN 67

BY MACRAE R M JR
VAXWELL E
KIM Y H

DAR ACCESS NO.....007912-013
DDC NUMBER.....AD656125
INSTR...DA-ARO(D)-67-C-0047
PROJECT/TASK.....9764/01

AFOSR 67-1742
UNIVERSITY OF CALIFORNIA
ANISOTROPY IN TUNNELING DENSITY OF STATES IN PURE TYPE-II SUPERCONDUCTORS
PHYS REV LETTERS V18 N20 PP835-836 15 MAY 67

BY MAKI K

DAR ACCESS NO.....008861-033
DDC NUMBER.....AD655968
INSTR...AF-AFOSR-0610-64
PROJECT/TASK.....9761/01

AFOSR 67-1743
UNIVERSITY OF CALIFORNIA
HELICON MODES IN PURE TYPE-II SUPERCONDUCTORS IN THE HIGH FIELD REGION
PHYS REV LETTERS V18 N17 PP658-700 24 APR 67

BY CAROLI C
MAKI K

DAR ACCESS NO.....008461-036
DDC NUMBER.....AD655952
INSTR...AF-AFOSR-0610-64
PROJECT/TASK.....9761/01

AFOSR 67-1744
UNIVERSITY OF CALIFORNIA
THEORY OF PURE TYPE-II SUPERCONDUCTORS IN HIGH MAGNETIC FIELDS II ULTRASONIC ATTENUATION
PHYS REV V156 N2 PP637-644 10 APR 67

BY MAKI K

DAR ACCESS NO.....008461-035
DDC NUMBER.....AD655895
INSTR...AF-AFOSR-0610-64
PROJECT/TASK.....9761/01

AFOSR 67-1745
MCMASTER UNIVERSITY
PRECISE ATOMIC MASS DIFFERENCES INVOLVING ISOTOPES OF NI SM CO AND PR
J NATL SCI /GERMANY/ V21A S1/2 PP63-68 1966

BY MACDOUGALL J D
MCLATCHIE WM
MHINEWAY S
DUCKWORTH HE F

DAR ACCESS NO.....001714-003
DDC NUMBER.....AD655951
INSTR...AF-AFOSR-0159-64
PROJECT/TASK.....9751/01

AFOSR 67-1746
UNIVERSITY OF COLORADO
DERIVATION OF MASS SPECTRUM AND MAGNETIC MOMENTS FROM CURRENT CONSERVATION IN RELATIVISTIC O(3 1/ AND O(4 2/ - THEORIES
JUNE 1967

BY BAJUT A J
CORRIGAN D
KERNIGHT M

DAR ACCESS NO.....013091-002
DDC NUMBER.....AD655226
INSTR...AF-AFOSR-0030-65
PROJECT/TASK.....9751/01

AFOSR 67-1747
YESHIVA UNIVERSITY
KINETIC EQUATIONS AND DENSITY EXPANSIONS EXACTLY SOLVABLE ONE-DIMENSIONAL SYSTEM
PHY REV V155 N1 PP122-134 5 MAR 1967

BY LEBOWITZ J L
PERCUS J K

DAR ACCESS NO.....005833-006
INSTR...AF-AFOSR-0500-66
PROJECT/TASK.....9767/01

AFOSR 67-1748
UNIVERSITY OF MARYLAND
STRUCTURE OF THE ETA DECAY [ETC] PHAS AMPLITUDE
PHYS REV V158 N5 PP1719-1721 25 AUG 1967

BY [illegible]

DAR ACCESS NO.....302223-008
DDC NUMBER.....AD655047
INSTR...AF-AFOSR-1500-66
PROJECT/TASK.....9751/01

AFOSR 67-1749
STANFORD UNIVERSITY
/DECAY MODES OF THE ETA INTO 3 PIS PLUS A PHOTON & OF THE ETA INTO PI ZERO PLUS 2 PHOTONS/
PHYS REV LETT NS PP1592-1595 28 FEB 1967
DAR ACCESS NO.....001793-003
BY SINGER P
DDC NUMBER.....AD894218
INSTR...AF-49(638)-01384
PROJECT/TASK.....9751/01

AFOSR 67-1750
IMPERIAL COLLEGE OF SCIENCE & TECHNOLOGY
SYMMETRY BREAKING IN NON-ABELIAN GAUGE THEORIES
PHYS REV VI55 NS PP1554-1561 20 MAR 67
DAR ACCESS NO.....010642-004
BY KIBBLE T W B
DDC NUMBER.....AD836144
INSTR...AF-EOAR -0014-67
PROJECT/TASK.....9767/04

AFOSR 67-1751
UNIVERSITY OF WESTERN AUSTRALIA
A COMPUTER-LINKED RUNWAY FOR REAL TIME OPERATION
PSYCHON SCI VP NO PP319-320 1967
DAR ACCESS NO.....019700-004
BY NICHOLLS J G
DDC NUMBER.....AD855978
INSTR...AF-AFOSR-0968-65
PROJECT/TASK.....9778/01

AFOSR 67-1752
UNIVERSITY OF TEXAS
THE CRYSTAL STRUCTURES OF RARE-EARTH MONOSILICIDES
ACTA CRYST V22 PI5 PP848-851 MAY 1967
DAR ACCESS NO.....010751-006
BY RAMAN A
STEINFINK H
DDC NUMBER.....AD855995
INSTR...AF-AFOSR-0906-65
PROJECT/TASK.....9761/02

AFOSR 67-1753
UNIVERSITY OF CALIFORNIA
OPTICAL PROPERTIES OF ALPHA MANGANESE SULFIDE
PHYS REV VI56 N1 PP384-387 15 APR 67
DAR ACCESS NO.....009041-014
BY HOFFMAN D M
WILD W L
DDC NUMBER.....AD656000
INSTR...AF-AFOSR-0523-66
PROJECT/TASK.....9763/02

AFOSR 67-1754
UNIVERSITY OF CALIFORNIA
REMARKS ON THE RECENT LETTER OBSERVATION OF NAGAOKAN BOUND STATE FOR CONDUCTION ELECTRONS IN DILUTE MAGNETIC ALLOYS
PHYS REV LETTERS V18 N19 PP743-744 1 MAY 1967
DAR ACCESS NO.....008602-001
BY SUHL H
DDC NUMBER.....AD656016
INSTR...AF-AFOSR-0610-67
PROJECT/TASK.....9761/01

AFOSR 67-1755
PHILIPS LABORATORIES
MEASUREMENT OF PARALLEL /SOLLER/ SLITS WITH A MODIFIED WEISSENBERG GONIOMETER
REV SCI INSTR V38 N5 PP697-698 MAY 1967
DAR ACCESS NO.....016050-005
BY RAMAEKERS R
DDC NUMBER.....AD656984
INSTR...AF-49(638)-01234
PROJECT/TASK.....3820/00

AFOSR 67-1756
MCMASTER UNIVERSITY
STOPPING CROSS SECTIONS IN GOLD OF LOW ATOMIC NUMBER ATOMS WITH ENERGIES FROM 15 TO 140 KEV
J NATL SCI /GERMANY/ V21 N1/2 PP130-134 1966
DAR ACCESS NO.....001714-004
BY MACDONALD J R
DAMOND J H
DUCKWORTH H E
DDC NUMBER.....AD655999
INSTR...AF-AFOSR-0159-64
PROJECT/TASK.....9751/01

AFOSR 67-1757
MCMASTER UNIVERSITY
THE SHAPE OF THE MASS SURFACE IN THE REGION OF 40 NEUTRONS
CONF INTERN NUCL PHYS PARIS 2-8 JUL 64 V2 COMMUN PP967-970 1964
DAR ACCESS NO.....001714-035
BY DUCKWORTH H E
BARKER R L
HOGG G W
MACDOUGALL J D
MCLATCHIE W
DDC NUMBER.....AD655999
INSTR...AF-AFOSR-0159-64
PROJECT/TASK.....9751/01

AFOSR 67-1758
CARNEGIE INSTITUTE OF TECHNOLOGY
SYNTAX DIRECTED INTERPRETATION OF NATURAL LANGUAGE
DAR ACCESS NO.....022003-012
BY COLES L S
DDC NUMBER.....AD655923
INSTR...CO -14A
PROJECT/TASK.....9719/00

AFOSR 67-1759
UNIVERSITY OF TEXAS
SOME ADDITIONAL QUASI-PERFECT CODES
INFORM CONTROL V10 N3 P338 MAR 1967
DAR ACCESS NO.....019262-027
BY WAGNER T J
DDC NUMBER.....AD656130
INSTR...AF-? 38R-0760-67
PROJECT/TASK.....9781/00

AFOSR 67-1760
OHIO UNIVERSITY
ELASTIC SCATTERING OF NEUTRONS FROM O AND AR AT FOURTEEN MEV
PHYS REV V160 N4 PP1201-1206 20 APR 67
DAR ACCESS NO.....010880-004
BY HEACH P L
KOSMEL R O
FINLAY R W
CASSOLA R L
DDC NUMBER.....AD655983
INSTR...AF-AFOSR-0884-66
PROJECT/TASK.....9781/01

AFOSR 67-1761
UNIVERSITY OF MILAN
RAMAN SCATTERING BY COLOR CENTERS
PHYS REV V156 N3 PP972-976 15 FEB 67
DAR ACCESS NO.....015100-004
BY DENEDEK G
MARUELLI G P
DDC NUMBER.....AD656146
INSTR...AF-EOAR -0009-65
PROJECT/TASK.....9781/01

AFOSR 67-1762
PENNSYLVANIA STATE UNIVERSITY
GROUP VELOCITY DISPERSION DUE TO PULSE REFLECTION FROM A FREQUENCY-DEPENDENT BOUNDARY IMPEDANCE
J ACOUST SOC AM V40 N5 PP998-1001 NOV 66
DAR ACCESS NO.....012281-001
BY LANGE J N
DDC NUMBER.....AD656128
INSTR...AF-AFOSR-0043-65
PROJECT/TASK.....9767/02

AFOSR 67-1764
UNIVERSITY OF TEXAS
ON THE STRUCTURE OF SEQUENTIAL MACHINE REALIZATIONS
USEP TECHNICAL REPORT NO 87 JULY 1967
DAR ACCESS NO.....015262-030
BY HANLON C A
COATES C L
INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....9751/00

AFOSR 67-1765
UNITED TECHNOLOGY CENTER
COMPOSITE SOLID PROPELLANT IGNITION MECHANISMS
UTC 2138-ASR2 SEPT 1967
DAR ACCESS NO.....017510-003
BY SHANNON L J
DDC NUMBER.....AD820453
INSTR...AF-49(638)-01357
PROJECT/TASK.....9711/01

AFOSR 67-1766
UNIVERSITY OF TEXAS
ANALYSIS AND EVALUATION OF SIMPLE ELECTROMAGNETIC MODELS FOR LASERS IN AXIAL MAGNETIC FIELDS AND PLANE DIFFRACTION GRATINGS
USEP TECHNICAL REPORT NO 35 AUG 15 1967
DAR ACCESS NO.....015262-038
BY HAGLER M O
DOUGAL A A
INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....9751/00

AFOSR 67-1766
UNIVERSITY OF TEXAS
ANALYSIS AND EVALUATION OF SIMPLE ELECTROMAGNETIC MODELS FOR LASERS IN AXIAL MAGNETIC FIELDS AND PLANE DIFFRACTION GRATINGS
USEP TECHNICAL REPORT NO 35 AUG 1967
DAR ACCESS NO.....015262-038
BY HAGLER M O
DOUGAL A A
DDC NUMBER.....AD838018
INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....9751/00

AFOSR 67-1767
BRIGHAM YOUNG UNIVERSITY
EXTINCTION OF RUNNING SOLID PROPELLANT FINAL REPORT MAY 1967
DAR ACCESS NO.....017370-001
BY HORTON M D
DDC NUMBER.....AD661971
INSTR...AF-AFOSR-0897-65
PROJECT/TASK.....9711/01

AFOSR 67-1768
OKLAHOMA STATE UNIVERSITY
THE DIRICHLET BOUNDARY VALUE PROBLEM AS APPLIED TO A MEMBRANE HAVING AN IRREGULAR SHAPE FINAL REPORT AUG 1967
DAR ACCESS NO.....022030-001
BY CHAUDL M E
SMITH H W
DDC NUMBER.....AD658864
INSTR...AF-AFOSR-1153-66
PROJECT/TASK.....9782/01

AFOSR 67-1769
UNIVERSITY OF ILLINOIS
EFFECT OF PRESSURE ON THE DIFFUSION OF IRON IN TITANIUM
TITANIUM PLUS TEN PERCENT IRON
PHYS STAT SOL V20 PP849-850 1967
DAR ACCESS NO.....102823-010
BY DEANT R F DOC NUMBER.....AD659916
INSTR...AF-AFOSR-2631-66
PROJECT/TASK.....9763/01

AFOSR 67-1770
WESTERN RESERVE UNIVERSITY
USE OF POINT CONTACTS TO OBTAIN DIRECT EVIDENCE OF FLUX
MOTION IN SUPERCONDUCTORS
PHYS REV LETTERS V18 NP PP43-45 9 JAN 1967
DAR ACCESS NO.....018471-002
BY CHANDRASEKHAR B S DOC NUMBER.....AD655996
PARRELL D E INSTR...AF-AFOSR-0565-66
HUANG S PROJECT/TASK.....9763/03

AFOSR 67-1772
WESTERN RESERVE UNIVERSITY
ALTERNATING CURRENT JOSEPHSON EFFECT IN SUPERFLUID HELIUM
PHYS REV LETTERS V18 NP PP230-232 13 FEB 1967
DAR ACCESS NO.....018471-003
BY CHANDRASEKHAR B S DOC NUMBER.....AD655993
KHURANA B M INSTR...AF-AFOSR-0565-66
PROJECT/TASK.....9763/03

AFOSR 67-1773
WESTERN RESERVE UNIVERSITY
ELECTRON AND PHONON EFFECTS IN SUPERCONDUCTING FCC
LEAD-BASED ALLOYS
PHYS LETTERS V24A NP PP607-609 10 APR 1967
DAR ACCESS NO.....018471-004
BY AULEN J G DOC NUMBER.....AD656919
JACKSON J F INSTR...AF-AFOSR-0565-66
HILL P A PROJECT/TASK.....9763/03

AFOSR 67-1774
UNIVERSITY OF KENT AT CANTERBURY
THE RELATIVISTIC POSITRON OPERATOR AT SUNATOMIC LEVEL
NUOVO CIMENTO SER X V49 PP286-290 21 MAY 67
DAR ACCESS NO.....012650-005
BY CASTELL L DOC NUMBER.....AD656006
INSTR...AF-EOAR -3001-68
PROJECT/TASK.....9767/01

AFOSR 67-1775
YESHIVA UNIVERSITY
ENSEMBLE DEPENDENCE OF FLUCTUATIONS WITH APPLICATIONS TO
MACHINE COMPUTATIONS
PHYS REV V153 NI PP250-256 5 JAN 1967
DAR ACCESS NO.....009833-007
BY LEBOWITZ J L DOC NUMBER.....AD656015
PERCUS J K INSTR...AF-AFOSR-0509-66
VERLET L PROJECT/TASK.....9767/01

AFOSR 67-1776
UNIVERSITY OF TEXAS
AMPLITUDE BOUNDS OF PERIODIC AND ALMOST-PERIODIC
OSCILLATIONS OF CONSERVATIVE SYSTEMS
J INST MATH APPL VI NO PP202-215 JUN 1967
DAR ACCESS NO.....011782-028
BY AGARWAL J K DOC NUMBER.....AD656015
INSTR...AF-AFOSR-0760-67
PROJECT/TASK.....9751/00

AFOSR 67-1777
UNIVERSITY OF MINNESOTA
LINEAR DISCRETE OPTIMAL SYSTEMS WITH SIDE CONSTRAINTS
ANN PRINCETON CONF INFORM SCI SYS 1ST 1967 PP35-40
DAR ACCESS NO.....018721-003
BY CRUSE J M DOC NUMBER.....AD656022
INSTR...AF-AFOSR-0571-66
PROJECT/TASK.....9749/01

AFOSR 67-1778
STANFORD RESEARCH INSTITUTE
RESPONSE OF A BURNING PROPELLANT SURFACE TO EXPLOSIVE
TRANSIENTS
SRI PROJECT 1166 SR14 AUG 1967
DAR ACCESS NO.....005293-006
BY MARKSTEIN G A DOC NUMBER.....AD657762
BECKSTEAD E E INSTR...AF-49(638)-1064
CARPENTER L L PROJECT/TASK.....9713/01

AFOSR 67-1779
UNIVERSITY OF MAINE
ORDERING IN LIQUID CRYSTALS OWING TO ELECTRIC AND MAGNETIC
FIELDS
ADVAN CHEM SER NO 63 PP24-34 1967
DAR ACCESS NO.....009391-006
BY CARR E F DOC NUMBER.....AD655967
INSTR...AF-AFOSR-0695-64
PROJECT/TASK.....9761/02

AFOSR 67-1780
UNIVERSITY OF SUSSEX
ELECTRON MICROSCOPY OF POLYETHYLENE MELOW TWENTY DEGREES
KELVIN
NATURE V214 N5093 PP1107-1108 10 JUN 1967
DAR ACCESS NO.....016830-006
BY VENABLES J A DOC NUMBER.....AD656005
HASSETT D C INSTR...AF-EOAR -0061-65
PROJECT/TASK.....9761/03

AFOSR 67-1781
RUTGERS UNIVERSITY
INTERATOMIC POTENTIAL PARAMETERS OF SOLID NEON AND ARGON
PHYSC PHYS SOC V89 PP987-992 1966
DAR ACCESS NO.....010301-007
BY BROWN J S DOC NUMBER.....AD656009
INSTR...AF-AFOSR-0726-65
PROJECT/TASK.....9761/01

AFOSR 67-1782
YALE UNIVERSITY
EXCITON STRUCTURE AND MAGNETO-OPTICAL EFFECTS IN ZINC
SULFIDE
PHYS REV V153 N3 PP913-923 15 JAN 67
DAR ACCESS NO.....002923-004
BY WHEELER R G DOC NUMBER.....AD656023
MIKLOSZ J C INSTR...AF-AFOSR-0473-66
PROJECT/TASK.....9763/02

AFOSR 67-1783
RUTGERS UNIVERSITY
MODEL POTENTIALS AND THE DISPERSION LAW IN SOLID KRYPTON
PHYS REV LETTERS V18 N16 PP647-649 17 APR 1967
DAR ACCESS NO.....010301-008
BY HUNTON G K DOC NUMBER.....AD656011
BROWN J S INSTR...AF-AFOSR-0726-65
PROJECT/TASK.....9761/01

AFOSR 67-1784
UNIVERSITY OF MINNESOTA
SOLUTION OF A CLASS OF SINGULAR INTEGRAL EQUATIONS
QUART APPL MATH V24 N4 JAN 67
DAR ACCESS NO.....027720-001
BY LUNDGREN T DOC NUMBER.....AD656020
CHIANG D INSTR...AF-33(615)-02341
PROJECT/TASK.....9749/01

AFOSR 67-1785
SPERRY RAND RESEARCH CENTER
PLASMA TRANSPORT AND STABILITY IN A MINIMUM-B MAGNETIC
FIELD FINAL REPORT APRIL 1967
DAR ACCESS NO.....017440-004
BY MCCOY R D DOC NUMBER.....AD656381
DECKER J A INSTR...AF-49(638)-01561
FREYHEIT P J PROJECT/TASK.....9752/01
GRUBER S

AFOSR 67-1786
ATLANTIC RESEARCH CORP
A STUDY OF THE PHOTOCHEMICAL HYDROGEN-FLUORINE REACTION
FINAL REPORT FEB 1967
DAR ACCESS NO.....004821-001
BY LEVY J M DOC NUMBER.....AD818228
COPELAND R K W INSTR...AF-49(638)-1016.A
PROJECT/TASK.....9750/02

AFOSR 67-1787
HUNTSVILLE PETROLEUM RESEARCH CENTER
THERMODYNAMIC PROPERTIES OF ORGANIC DERIVATIVES OF THE
LIGHTER ELEMENTS
DAR ACCESS NO.....500300-003
BY DOUSLIN D R DOC NUMBER.....AD653986
GOOD W D INSTR...ISSA -00007-65
PENNE H L PROJECT/TASK.....9713/02
TODD S S
GUTHRIE G G

AFOSR 67-1788
ATLANTIC RESEARCH CORPORATION
RESEARCH ON THE DEFLAGRATION OF HIGH-ENERGY SOLID OXIDIZERS
QUARTERLY TECHNICAL SUMMARY REPORT NO 6 JUNE 1967
DAR ACCESS NO.....017041-006
BY FEHE G Y DOC NUMBER.....AD818227
FRIEDMAN R INSTR...AF-49(638)-01665
MCHALE E T PROJECT/TASK.....9713/01
LEVY J M

AFOSR 67-1789
UNIVERSITY OF NEVADA
KINETICS AND MECHANISM OF ACID HYDROLYSIS OF
ETHYLENEDIAMINEDIACETATONICKEL(II) ION
J INORG NUCL CHEM V29 PP1271-1278 1967
DAR ACCESS NO.....020050-001
BY MACDONALD D J DOC NUMBER.....AD656018
INSTR...AF-AFOSR-0398-66
PROJECT/TASK.....9710/02

AFOSR 67-1791
POLYTECHNIC INSTITUTE OF BROOKLYN
SINGLE-BEAM-LASER MODULATION-RATE SENSOR
ELECTRON LETTERS V2 N10 P380 OCT 1966
OAR ACCESS NO.....001685-033
BY FENSTER P
KAHN W K
DOC NUMBER.....AD659979
INSTR...AF-49(638)-1402
PROJECT/TASK.....4751/00

AFOSR 67-1792
PURDUE UNIVERSITY
ULTRATRACE ANALYSIS BY COORDINATION CHAIN REACTIONS FINAL REPORT JULY 1967
OAR ACCESS NO.....012651-004
BY MARGERUM D W
DOC NUMBER.....AD656339
INSTR...AF-AFOSR-0136-66
PROJECT/TASK.....9710/01

AFOSR 67-1793
UNIVERSITY OF TORONTO
DISTRIBUTION OF ENERGY IN ELECTRICAL DISCHARGES FINAL REPORT JULY 1967
OAR ACCESS NO.....011934-001
BY DEEKENS J M
DOC NUMBER.....AD656614
INSTR...AF-AFOSR-0375-66
PROJECT/TASK.....9750/02

AFOSR 67-1794
AVCO/EVERETT RESEARCH LAB
COMPUTER EXPERIMENTS ON LOW DENSITY CROSSED-FIELD ELECTRON BEAMS
RESEARCH REPORT 273 JUNE 1967
OAR ACCESS NO.....005261-001
BY LEVY M M
MORNEY H W
DOC NUMBER.....AD655932
INSTR...AF-49(638)-1383
PROJECT/TASK.....9782/01

AFOSR 67-1795
ASTROSYSTEMS INTERNATIONAL INC
COMBUSTION GAS EMITTED RADIATION AND CHEMILUMINESCENCE PHENOMENA IN SOLID-GAS REACTING SYSTEMS FINAL REPORT APRIL 1967
OAR ACCESS NO.....019351-001
BY GORDON J S
DOC NUMBER.....AD656426
INSTR...AF-49(638)-1229
PROJECT/TASK.....9750/02

AFOSR 67-1796
UNIVERSITA DEGLI STUDI DI PADOVA
SEVENTH INTERNATIONAL SYMPOSIUM ON FREE RADICALS PADUA ITALY SEPTEMBER 5-10 1965 FINAL REPORT SEPT 1965
OAR ACCESS NO.....018140-001
BY GIACOMETTI G I
DOC NUMBER.....AD656392
INSTR...AF-EOAR -0001-66
PROJECT/TASK.....9750/01

AFOSR 67-1797
UNIVERSITY OF PITTSBURGH
TECTONIC FEATURES OF THE EARTHS CRUST AND UPPER MANTLE
FINAL REPORT AUG 1967
OAR ACCESS NO.....017740-001
BY PILANT W L
DOC NUMBER.....AD659053
INSTR...AF-49(638)-1534
PROJECT/TASK.....8652/00

AFOSR 67-1798
POLYTECHNIC INSTITUTE OF BROOKLYN
MAXWELLS EQUATIONS AND DETERMINATE SYSTEMS
AM J PHYS V35 N3 PP285-286 MAR 1967
OAR ACCESS NO.....001685-034
BY BERGEN H
DOC NUMBER.....AD657062
INSTR...AF-49(638)-1402
PROJECT/TASK.....4751/00

AFOSR 67-1799
UNIVERSITY OF MICHIGAN
HUMAN INFORMATION-PROCESSING CONCEPTS FOR SYSTEM ENGINEERS SYSTEMS ENG HANDBOOK MCGRAW-HILL 1965
OAR ACCESS NO.....015920-001
BY DEE R W
DOC NUMBER.....AD656533
INSTR...AF-49(638)-1235
PROJECT/TASK.....5002/00

AFOSR 67-1800
POLYTECHNIC INSTITUTE OF BROOKLYN
DETERMINATION OF THE POCKELS ELECTRO-OPTIC COEFFICIENT IN ADP AT 5.5 GHZ
ELECTRON LETTERS V2 N12 DEC 1966
OAR ACCESS NO.....001685-035
BY SILVERSTEIN E
SUCHER M
DOC NUMBER.....AD659559
INSTR...AF-49(638)-1402
PROJECT/TASK.....4751/00

AFOSR 67-1801
UNIVERSITY OF MICHIGAN
HUMAN PERFORMANCE IN CONTIGENT INFORMATION PROCESSING TASKS
TECHNICAL REPORT NO 3 OCT 1966
OAR ACCESS NO.....015920-002
BY BIEDERMAN I
DOC NUMBER.....AD656717
INSTR...AF-49(638)-1235
PROJECT/TASK.....5002/00

AFOSR 67-1802
UNIVERSITY OF MICHIGAN
COGNITIVE FACTORS IN INFORMATION PROCESSING
MEMORANDUM REPORT NO 1 FEB 1967
OAR ACCESS NO.....015920-003
BY FITTS P M
DOC NUMBER.....AD656714
INSTR...AF-49(638)-1235
PROJECT/TASK.....5002/00

AFOSR 67-1803
UNIVERSITY OF MICHIGAN
SHORT-TERM RECOGNITION MEMORY
MEMORANDUM REPORT NO 2 MAY 1967
OAR ACCESS NO.....015920-006
BY MELTON A W
SAMEROFF A
SCHUMOF E D
DOC NUMBER.....AD656710
INSTR...AF-49(638)-1235
PROJECT/TASK.....5002/00

AFOSR 67-1804
UNIVERSITY OF MICHIGAN
CHOICE REACTION TIME AN ANALYSIS OF THE MAJOR THEORETICAL POSITIONS
TECHNICAL REPORT NO 6 05823-13-T JAN 1967
OAR ACCESS NO.....015920-005
BY SMITH E E
DOC NUMBER.....AD656711
INSTR...AF-49(638)-1235
PROJECT/TASK.....5002/00

AFOSR 67-1805
UNIVERSITY OF MICHIGAN
PARALLEL VERSUS SERIAL PROCESSES IN MULTIDIMENSIONAL STIMULUS DISCRIMINATION
TECHNICAL REPORT NO 7 JAN 1966
OAR ACCESS NO.....015920-008
BY EGETH H E
DOC NUMBER.....AD656648
INSTR...AF-49(638)-1235
PROJECT/TASK.....5002/00

AFOSR 67-1806
UNIVERSITY OF MICHIGAN
THE EFFECTS OF FAMILIARITY ON THE PERCEPTUAL RECOGNITION AND CATEGORIZATION OF VERBAL INFORMATION
05823-9-T DEC 1965
OAR ACCESS NO.....015920-007
BY SMITH E
DOC NUMBER.....AD656715
INSTR...AF-49(638)-1235
PROJECT/TASK.....5002/00

AFOSR 67-1807
UNIVERSITY OF MICHIGAN
EFFECTS OF S-R CODING ON THE RATE OF GAIN OF INFORMATION
05823-8-T DEC 1965
OAR ACCESS NO.....015920-004
BY PETERSON J R
DOC NUMBER.....AD656711
INSTR...AF-49(638)-1235
PROJECT/TASK.....5002/00

AFOSR 67-1808
UNIVERSITY OF MICHIGAN
A SIXTEEN-UNIT PROJECTION WITH MICROSECOND TURN-ON TIME
AM J PSYCHOL V79 PP314-317 JUN 1966
OAR ACCESS NO.....015920-009
BY MYLREA K C
DOC NUMBER.....AD656658
INSTR...AF-49(638)-1235
PROJECT/TASK.....5002/00

AFOSR 67-1809
UNIVERSITY OF MICHIGAN
INTERFERENCE OR DECAY OVER SHORT RETENTION INTERVALS
J VERB LEARN VERB BEHAV V6 N1 PP83-96 FEB 1967
OAR ACCESS NO.....015920-010
BY CONRAD R
DOC NUMBER.....AD656536
INSTR...AF-49(638)-1235
PROJECT/TASK.....5002/00

AFOSR 67-1810
UNIVERSITY OF MICHIGAN
INDIVIDUAL DIFFERENCES AND THEORETICAL PROCESS VARIABLES GENERAL COMMENTS ON THE CONFERENCE
LEARNING INDIVIDUAL DIFFERENCES ROBERT M GAGNE ED PP283-292 COLUMBUS O CHARLES E MERRILL BOOKS INC 1967
OAR ACCESS NO.....015920-011
BY MELTON A W
DOC NUMBER.....AD656535
INSTR...AF-49(638)-1235
PROJECT/TASK.....5002/00

AFOSR 67-1811
UNIVERSITY OF MICHIGAN
EFFECT OF SIZE AND LOCATION OF INFORMATIONAL [illegible]
UPON SHORT TERM RETENTION
J EXPTL PSYCH V70 N3 PP338-343 1965
OAR ACCESS NO.....015920-011
BY [illegible]
INSTR...AF-49(638)1235
PROJECT/TASK.....5002/00

AFOSR 67-1812
UNIVERSITY OF MICHIGAN
[illegible] OF VERBAL PAIRED ASSOCIATES
[illegible] REV V72 N5 PP327-343 1965
OAR ACCESS NO.....015920-013
[illegible]
INSTR...AF-49(638)1235
PROJECT/TASK.....5002/00

AFOSR 67-1813
UNIVERSITY OF MICHIGAN
[illegible] OF SHORT-TERM [illegible]
J SPEECH HEAR DISORDERS V30 N4 PP338-343 N...1965
OAR ACCESS NO.....015920-014
BY CONRAD R
BUSH M A
INSTR...AF-49(638)1235
PROJECT/TASK.....5002/00

AFOSR 67-1814
UNIVERSITY OF MICHIGAN
SELECTIVE ATTENTION
PSYCHOL BULL V67 N1 PP61-67 1967
OAR ACCESS NO.....015920-015
BY EGETH H
INSTR...AF-49(638)1235
PROJECT/TASK.....5002/00

AFOSR 67-1815
UNIVERSITY OF MICHIGAN
IDENTIFICATION OF SEQUENTIAL AUDITORY AND VISUAL STIMULI
PSYCHON SCI V3 PP419-420 1965
OAR ACCESS NO.....015920-016
BY FAMILY A S
INSTR...AF-49(638)1235
PROJECT/TASK.....5002/00

AFOSR 67-1816
UNIVERSITY OF MICHIGAN
MEMORY AND THOUGHT IN HUMAN INTELLECTUAL PERFORMANCE
AMER J PSYCHOL V50 N2&3 PP447-215 1965
OAR ACCESS NO.....015920-017
BY POSNER M I
INSTR...AF-49(638)1235
PROJECT/TASK.....5002/00

AFOSR 67-1817
UNIVERSITY OF MICHIGAN
COGNITIVE ASPECTS OF [illegible]
SPEED VERSUS ACCURACY
J EXPTL PSYCHOL V71 N6 PP849-857 1966
OAR ACCESS NO.....015920-018
BY FITTS P M
INSTR...AF-49(638)1235
PROJECT/TASK.....5002/00

AFOSR 67-1818
UNIVERSITY OF MICHIGAN
[illegible]
[illegible]
[illegible]
OAR ACCESS NO.....015920-019
BY [illegible]
INSTR...AF-49(638)1235
PROJECT/TASK.....5002/00

AFOSR 67-1819
AIR FORCE OFFICE OF SCIENTIFIC RESEARCH
[illegible]
[illegible]
[illegible]
OAR ACCESS NO.....015920-020
BY [illegible]
INSTR...AF-AFOSR-[illegible]

AFOSR 67-1820
UNIVERSITY OF MICHIGAN
[illegible]
J EXPTL PSYCHOL V71 N5 PP6[illegible]
OAR ACCESS NO.....015920-021
BY [illegible]
INSTR...AF-49(638)1235
PROJECT/TASK.....5002/00

AFOSR 67-1821
UPPSALA UNIVERSITY
CALCULATION OF ELASTIC CONSTANTS OF SODIUM FLUORIDE
ARKIV FYSIK V36 N18 PP199-213 1967
OAR ACCESS NO.....012771-002
BY VALLIN J
PETTERSSON G
CALAIS J L
NANSIKKA K
DDC NUMBER.....AD656383
INSTR...AF-61/052/00937
PROJECT/TASK.....9763/02

AFOSR 67-1822
UNIVERSITY OF MICHIGAN
ACOUSTIC FACTORS VERSUS LANGUAGE FACTORS IN SHORT-TERM MEMORY
PSYCHON SCI V3 PP57-58 15 JUL 1965
OAR ACCESS NO.....015920-020
BY CONRAD R
FREEMAN P R
HULL A J
DDC NUMBER.....AD656651
INSTR...AF-49(638)1235
PROJECT/TASK.....5002/00

AFOSR 67-1823
UNIVERSITY OF MICHIGAN
INFORMATION CAPACITY OF DISCRETE MOTOR RESPONSES UNDER DIFFERENT COGNITIVE SETS
J EXPTL PSYCHOL V71 N4 PP475-482 1966
OAR ACCESS NO.....015920-021
BY FITTS P M
HADFORD D K
DDC NUMBER.....AD656540
INSTR...AF-49(638)1235
PROJECT/TASK.....5002/00

AFOSR 67-1824
UNIVERSITY OF MICHIGAN
RECENT PSYCHOLOGICAL RESEARCH RELEVANT TO THE HUMAN FACTORS ENGINEERING OF MAN-MACHINE SYSTEMS
PROC NATL ELECTRON CONF CHICAGO ILL OCT 1965
OAR ACCESS NO.....015920-022
BY PEW R W
DDC NUMBER.....AD656653
INSTR...AF-49(638)1235
PROJECT/TASK.....5002/00

AFOSR 67-1825
UNIVERSITY OF MICHIGAN
GRAMMATICAL FACTORS IN SENTENCE RETENTION
J VERB LEARN VERB BEHAV V5 N3 PP211 218 JUN 1966
OAR ACCESS NO.....015920-023
BY MARTIN E
ROBERTS K H
DDC NUMBER.....AD656541
INSTR...AF-49(638)1235
PROJECT/TASK.....5002/00

AFOSR 67-1826
UNIVERSITY OF MICHIGAN
HUMILLANY RESPONSES IN A PITCH-DISCRIMINATION TASK
PERCEPT PSYCHOPHYS V2 PP101-105 1967
OAR ACCESS NO.....015920-024
BY KAMENAN D
MEATTY J
DDC NUMBER.....AD656985
INSTR...AF-49(638)1235
PROJECT/TASK.....2005/00

AFOSR 67-1827
UNIVERSITY OF MICHIGAN
STIMULUS PRONUNCIABILITY IN AURAL PAIRED-ASSOCIATE LEARNING
J VERB LEARN VERB BEHAV V5 N1 PP18-22 FEB 1966
OAR ACCESS NO.....015920-025
BY MARTIN E
DDC NUMBER.....AD656967
INSTR...AF-49(638)1235
PROJECT/TASK.....5002/00

AFOSR 67-1828
UNIVERSITY OF MICHIGAN
STIMULUS RECOGNITION IN AURAL PAIRED-ASSOCIATE LEARNING
J VERB LEARN VERB BEHAV V6 N2 PP272-276 1967
OAR ACCESS NO.....015920-026
BY MARTIN E
DDC NUMBER.....AD656542
INSTR...AF-49(638)1235
PROJECT/TASK.....5002/00

AFOSR 67-1829
UNIVERSITY OF MICHIGAN
THE HANGHUNG PHENOMENON FAILURES OF IMMEDIATE RECALL CORRELATED WITH REPETITION OF ELEMENTS WITHIN A STIMULUS
PSYCHON SCI V2 PP295-296 1965
OAR ACCESS NO.....015920-027
BY CROUDER R G
MELTON A W
DDC NUMBER.....AD656583
INSTR...AF-49(638)1235
PROJECT/TASK.....5002/00

AFOSR 67-1830
UNIVERSITY OF MICHIGAN
S-R COMPATIBILITY AND INFORMATION REDUCTION
J EXPTL PSYCH V69 N6 PP606-612 APR 1965
OAR ACCESS NO.....015920-028
BY FITTS P M
OLDERMAN I
DDC NUMBER.....AD656695
INSTR...AF-49(638)1235
PROJECT/TASK.....5002/00

AFOSR 67-1831
UNIVERSITY OF MICHIGAN
CONCEPT UTILIZATION
HANDBOOK MATH PSYCHOL V3 PP205-247 LUCE BUSH & GALANTER ED
NEW YORK JOHN WILEY & SONS 1965
OAR ACCESS NO.....015920-029
BY MARTIN F
DOC NUMBER.....AD656656
INSTR...AF-49(638)01235
PROJECT/TASK.....5002/00

AFOSR 67-1833
UPPSALA UNIVERSITY
EXPERIMENTAL AND THEORETICAL DETERMINATION OF THE ELASTIC
CONSTANTS OF SODIUM CHLORIDE
ARKIV FYSIK V34 N31 PP371-376 1967
OAR ACCESS NO.....012771-003
BY PETTERSSON G
VALLIN J
CALAIS J L
MANSIKKA K
DOC NUMBER.....AD657060
INSTR...AF-61(052)00937
PROJECT/TASK.....9763/02

AFOSR 67-1834
UPPSALA UNIVERSITY
ELASTIC CONSTANTS OF SILVER CHLORIDE
ARKIV FYSIK V34 N30 PP367-369 1967
OAR ACCESS NO.....012771-004
BY VALLIN J
DOC NUMBER.....AD656983
INSTR...AF-61(052)00937
PROJECT/TASK.....9763/02

AFOSR 67-1835
UPPSALA UNIVERSITY
A CALCULATION OF THE COHESIVE ENERGY AND ELASTIC CONSTANTS
OF MAGNESIUM OXIDE
ARKIV FYSIK V34 N29 PP361-366 1967
OAR ACCESS NO.....012771-005
BY CALAIS J L
MANSIKKA K
PETTERSSON G
VALLIN J
DOC NUMBER.....AD656981
INSTR...AF-61(052)00937
PROJECT/TASK.....9763/02

AFOSR 67-1836
UNIVERSITY OF PENNSYLVANIA HOSPITAL
INTER-JUDGE RELIABILITY OF HUMAN FIGURE DRAWING MEASURES OF
FIELD DEPENDENCE
PERCEPT MOTOR SKILLS V22 P630 1966
OAR ACCESS NO.....015070-002
BY EVANS F J
SCHNEIDLER D
DOC NUMBER.....AD656973
INSTR...AF-AFOSR-0707-65
PROJECT/TASK.....9778/01

AFOSR 67-1837
UNIVERSITY OF MICHIGAN
ACQUISITION OF HIERARCHICAL CONTROL OVER THE TEMPORAL
ORGANIZATION OF A SKILL
J EXPTL PSYCHOL V71 N5 PP764-771 1966
OAR ACCESS NO.....015920-030
BY REX R W
DOC NUMBER.....AD656968
INSTR...AF-49(638)01235
PROJECT/TASK.....5002/00

AFOSR 67-1838
UNIVERSITAT BONN
/THE G-FACTOR OF THE 365 KEV STATE OF VANADIUM 49/
NUCL PHYS A94 PP427-441 1967
OAR ACCESS NO.....017270-003
BY AUERHACH K
BRAUNSFURTH J
MAIER M
ROSENSTOCK E
FLENDER H W
DOC NUMBER.....AD657046
INSTR...AF-EOAR-65-0059-65
PROJECT/TASK.....9751/02

AFOSR 67-1839
UNIVERSITY OF PENNSYLVANIA HOSPITAL
A COMPARISON OF HYPNOTIC SUSCEPTIBILITY AS ASSESSED BY
DIAGNOSTIC RATINGS AND INITIAL STANDARDIZED TEST SCORES
INTERN J CLIN EXPTL HYPNOSIS V14 N4 PP320-332 1966
OAR ACCESS NO.....015070-003
BY O CONNELL D N
ORNE M T
SHOR R E
DOC NUMBER.....AD656648
INSTR...AF-AFOSR-0707-65
PROJECT/TASK.....9778/01

AFOSR 67-1840
UNIVERSITY OF PENNSYLVANIA HOSPITAL
AN EXPERIMENTAL INDIRECT TECHNIQUE FOR THE INDUCTION OF
HYPNOSIS WITHOUT AWARENESS
INTERN J CLIN EXPTL HYPNOSIS V15 N2 PP72-85 1967
OAR ACCESS NO.....015071-001
BY EVANS F J
DOC NUMBER.....AD656364
INSTR...AF-AFOSR-0707-67
PROJECT/TASK.....9778/01

AFOSR 67-1841
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
MOSSBAUER EVIDENCE FOR A SPIN-COMPENSATED STATE IN DILUTE
FE-CU ALLOYS
PHYS REV LETTERS V18 N24 PP1081-1083 12 JUN 67
OAR ACCESS NO.....007912-014
BY FRANKEL R B
OLUM N A
SCHWARTZ N B
KIM D J
DOC NUMBER.....AD657107
INSTR...F44620-67-C-0047
PROJECT/TASK.....9764/01

AFOSR 67-1842
UNIVERSITY OF PENNSYLVANIA HOSPITAL
A COMPARISON OF AC AND DC EYE MOVEMENT RECORDING
PSYCHOPHYSIOL V3 N2 PP157-163 OCT 1966
OAR ACCESS NO.....015070-004
BY TURSKY B
O CONNELL D N
DOC NUMBER.....AD656650
INSTR...AF-AFOSR-0707-65
PROJECT/TASK.....9778/01

AFOSR 67-1843
SYRACUSE UNIVERSITY
FOKKER ACTION PRINCIPLE AND THE HYPERBOLIC MOTION
AM J PHYS V35 N5 PP437-438 MAY 67
OAR ACCESS NO.....002075-003
BY STARUSZKIEWICZ A
DOC NUMBER.....AD656984
INSTR...AF-AFOSR-0789-66
PROJECT/TASK.....9767/04

AFOSR 67-1844
UNIVERSITY OF PENNSYLVANIA HOSPITAL
UNDESIRABLE EFFECTS OF HYPNOSIS THE DETERMINANTS AND
MANAGEMENT
INTERN J CLIN EXPTL HYPNOSIS V13 N4 PP226-237 1965
OAR ACCESS NO.....015070-005
BY ORNE M T
DOC NUMBER.....AD656970
INSTR...AF-AFOSR-0707-65
PROJECT/TASK.....9778/01

AFOSR 67-1845
UNIVERSITY OF CALIFORNIA
LOW-TEMPERATURE SPECIFIC HEAT OF ANTIMONY
PHYS REV V156 N3 PP782-784 15 APR 67
OAR ACCESS NO.....017540-001
BY MCCOLLUM D C
TAYLOR R A
DOC NUMBER.....AD656988
INSTR...AF-AFOSR-0949-65
PROJECT/TASK.....9763/01

AFOSR 67-1846
UNIVERSITY OF PENNSYLVANIA HOSPITAL
ON THE MECHANISMS OF POSTHYPNOTIC AMNESIA
INTERN J CLIN EXPTL HYPNOSIS V14 N2 PP121-134 1966
OAR ACCESS NO.....015070-006
BY ORNE M T
DOC NUMBER.....AD656649
INSTR...AF-AFOSR-0707-65
PROJECT/TASK.....9778/01

AFOSR 67-1847
COLUMBIA UNIVERSITY
CORRELATION BETWEEN THE PHOTOCHEMISTRY AND THE MASS SPECTRA
OF PYRUVIC ACID AND ISOPROPYL PYRUVATE
J AM CHEM SOC V89 N13 PP3370-3371 21 JUN 1967
OAR ACCESS NO.....019800-006
BY TURRO N J
KISS G J
HAODUN W P
MCLAFFERTY F W
DOC NUMBER.....AD656982
INSTR...AF-AFOSR-1000-66
PROJECT/TASK.....9780/02

AFOSR 67-1850
UNIVERSITY OF BRITISH COLUMBIA
THERMAL MUTAROTATION IN POLYCRYSTALLINE A-D-GLUCOSE
CHEM COMMUN PP864-866 1966
OAR ACCESS NO.....020710-004
BY PINCOCK R E
KIOVSKY T E
INSTR...AF-AFOSR-1102-66
PROJECT/TASK.....9762/03

AFOSR 67-1852
UNIVERSITY OF PENNSYLVANIA HOSPITAL
WHAT MUST A SATISFACTORY THEORY OF HYPNOSIS EXPLAIN
INTERN J PSYCHIAT V3 N1AND3 PP206-211 JAN MAR 1967
OAR ACCESS NO.....015070-007
BY ORNE M T
DOC NUMBER.....AD656972
INSTR...AF-AFOSR-0707-65
PROJECT/TASK.....9778/01

AFOSR 67-1853
UNIVERSITY OF PENNSYLVANIA HOSPITAL
SPECIFIC MOTOR RESPONSE DURING SLEEP TO SLEEP-ADMINISTERED
MEANINGFUL SUGGESTION AN EXPLORATORY INVESTIGATION
PERCEPT MOTOR SKILLS V20 PP629-636 APR 1965
OAR ACCESS NO.....015070-008
BY COLBY J C
EVANS F J
GUSTAFSON L A
O CONNELL D N
ORNE M T
DOC NUMBER.....AD656647
INSTR...AF-AFOSR-0707-65
PROJECT/TASK.....9778/01

AFOSR 67-1855
UNIVERSITA DEGLI STUDI DI GENOVA
AMPLITUDE CHANGES OF THE EEG POTENTIAL EVOKED BY GHOTIC STIMULI DURING SLEEP IN MAN /ITALIAN/
BOLL SOC ITAL BIOL SPER V42 N23 PP1704-1706
OAR ACCESS NO.....005924-007
BY CORLETTO F
GENTILOMO A
ROSADINI G
ROSSI G F
ZATTONI J
DDC NUMBER.....AD656661
INSTR...AF-61(052)00901
PROJECT/TASK.....9777/01

AFOSR 67-1856
UNIVERSITA DEGLI STUDI DI GENOVA
BEHAVIOR OF THE SINGLE COMPONENTS OF THE VISUAL EVOKED POTENTIAL DURING SLEEP IN MAN/ITALIAN/
BOLL SOC ITAL BIOL SPER V42 N23 PP1706-1710
OAR ACCESS NO.....005924-008
BY CORLETTO F
GENTILOMO A
ROSADINI G
ROSSI G F
ZATTONI J
DDC NUMBER.....AD656662
INSTR...AF-61(052)00901
PROJECT/TASK.....9777/01

AFOSR 67-1857
UNIVERSITY OF CALIFORNIA
RESULTS OF ELECTROENCEPHALOGRAPHIC EXAMINATIONS UNDER THE INFLUENCE OF VIBRATION AND CENTRIFUGING IN THE MONKEY
ELECTROENCEPHALOG CLIN NEUROPHYSIOL SUPPL 25 PP227-249 1967
OAR ACCESS NO.....009322-013
BY ADEY W R
KADO R T
WALTER D O
DDC NUMBER.....AD656969
INSTR...AF-49(638)01387
PROJECT/TASK.....9777/01

AFOSR 67-1858
UNIVERSITY OF MINNESOTA
CONTRIBUTIONS TO DOOBLINS THEORY OF MARKOV PROCESSES
Z WAHRSCHEINLICHKEITSTHEORIE VERW VB PP41-48 1967
OAR ACCESS NO.....000414-003
BY JAIN N C
JAMESON D N
DDC NUMBER.....AD659657
INSTR...AF-AFOSR-0311-66
PROJECT/TASK.....9769/02

AFOSR 67-1859
NEW YORK UNIVERSITY
PSEUDO-RADIATION CONDITIONS FOR DERIVATIVES OF RADIATING FUNCTIONS
J MATHEMATICAL ANAL APPL V18 N3 PP561-564 1967
OAR ACCESS NO.....000333-006
BY MORGAN R C
DDC NUMBER.....AD656987
INSTR...AF-AFOSR-0537-66
PROJECT/TASK.....9769/02

AFOSR 67-1860
UNIVERSITY OF MINNESOTA
MARKOV CHAINS RECURRENT IN THE SENSE OF HARRIS
Z WAHRSCHEINLICHKEITSTHEORIE VERW VB PP41-48 1967
OAR ACCESS NO.....000414-004
BY JAMESON D N
ONEY S
DDC NUMBER.....AD656986
INSTR...AF-AFOSR-0311-66
PROJECT/TASK.....9769/02

AFOSR 67-1861
POLYTECHNIC INSTITUTE OF BROOKLYN
A STUDY OF THE MECHANISM OF SEA SURFACE SCATTERING
IEEE TRANS ANTENNA PROPAGATION VAP-14 N5 PP611-620 SEPT 1966
OAR ACCESS NO.....001685-036
BY DELOGNO/G J D
CASSEDY E S
DDC NUMBER.....AD657093
INSTR...AF-49(638)01402
PROJECT/TASK.....4751/00

AFOSR 67-1862
POLYTECHNIC INSTITUTE OF BROOKLYN
NATURE AND OPTIMISATION OF THE GROUND-LATERAL-WAVE EXCITED BY SUBMERGED ANTENNAS
PROC IEE LONDON V113 NR PP1299-1310 AUG 1966
OAR ACCESS NO.....001685-037
BY STAIMAN D
TAMIR T
DDC NUMBER.....AD657090
INSTR...AF-49(638)01402
PROJECT/TASK.....4751/00

AFOSR 67-1863
HARVARD UNIVERSITY
CHEMAL DYNAMICS
PHYS LETTERS V24A N9 PP673-676 1 MAY 1967
OAR ACCESS NO.....004861-037
BY SCHWINGER J
DDC NUMBER.....AD657094
INSTR...AF-49(638)01380
PROJECT/TASK.....9751/01

AFOSR 67-1864
HARVARD UNIVERSITY
MAGNETIC CHARGE AND GENERAL RELATIVITY
PHYS REV V155 N5 PP1423-1427 25 MAR 1967
OAR ACCESS NO.....004861-038
BY TUNG-MOU Y
DDC NUMBER.....AD657063
INSTR...AF-49(638)01380
PROJECT/TASK.....9751/01

AFOSR 67-1865
KANSAS STATE UNIVERSITY
APPLICATION OF QUASILINEARIZATION TO THE SOLUTION OF NONLINEAR DIFFERENTIAL EQUATIONS
SPECIAL REPORT NO 78 AUG 1967
OAR ACCESS NO.....014031-003
BY LEE E S
CHEN S S
FAN L T
HWANG C L
DDC NUMBER.....AD656782
INSTR...AF-AFOSR-0463-66
PROJECT/TASK.....9782/01

AFOSR 67-1866
UNIVERSITY OF SOUTHERN CALIFORNIA
SIGNAL FLOW GRAPHS OF SAMPLED-DATA SYSTEMS A NEW FORMULATION
IEEE TRANS AUTO CONTROL V AC-12 N2 PP154-161 2 APR 1967
OAR ACCESS NO.....021210-001
BY SKOLAR M
BEKEY G A
DDC NUMBER.....AD656980
INSTR...AF-AFOSR-1018-66
PROJECT/TASK.....9769/03

AFOSR 67-1867
CALIFORNIA INSTITUTE OF TECHNOLOGY
POTENTIAL OF A CHARGED CYLINDER
OAR ACCESS NO.....000152-008
BY LAM J
DDC NUMBER.....AD659376
INSTR...AF-49(638)01266
PROJECT/TASK.....9768/02

AFOSR 67-1868
TUFTS UNIVERSITY
INNOVATION IN TASK ORIENTED COMMUNICATION
FINAL REPORT AUG 1967
OAR ACCESS NO.....021580-001
BY ROBY T H
DDC NUMBER.....AD656778
INSTR...AF-AFOSR-1095-66
PROJECT/TASK.....9778/02

AFOSR 67-1869
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
HELICONS MAGNETOPLASMA EDGE AND FARADAY ROTATION IN SOLID STATE PLASMAS AT MICROWAVE FREQUENCIES
APPL OPTICS V6 N4 PP 679-684 APR 1967
OAR ACCESS NO.....007912-015
BY FURDYNA J K
DDC NUMBER.....AD657105
INSTR...F44620-67-C-0047
PROJECT/TASK.....9764/01

AFOSR 67-1870
UNIVERSITY OF CALIFORNIA
FIXED CHARGE IN THE CELL MEMBRANE
J PHYSIOL V189 PP351-365 1967
OAR ACCESS NO.....009322-014
BY ELUL R
DDC NUMBER.....AD656977
INSTR...AF-49(638)01387
PROJECT/TASK.....9777/01

AFOSR 67-1871
UNIVERSITY OF CALIFORNIA
APPLICATIONS ON NON-UNIFORM ELECTRIC FIELDS PART I - ELECTROPHORETIC EVALUATION OF ADSORPTION
TRANS FARADAY SOC V62 N528 PT 12 DEC 1966
OAR ACCESS NO.....009322-015
BY ELUL R
DDC NUMBER.....AD656974
INSTR...AF-49(638)01387
PROJECT/TASK.....9777/01

AFOSR 67-1872
UNIVERSITY OF CALIFORNIA
STATISTICAL MECHANISMS IN GENERATION OF THE EEG
PROGR BIOMEDICAL ENG PP131-150 NY BASIC BOOK INC 1967
OAR ACCESS NO.....009322-016
BY ELUL R
DDC NUMBER.....AD656975
INSTR...AF-49(638)01387
PROJECT/TASK.....9777/01

AFOSR 67-1873
HOWARD UNIVERSITY
THE FEASIBILITY OF DEVELOPING TRANSFER OF TECHNOLOGY FUNCTIONS
KYKLOS V20 N2 PP431-459 1967
OAR ACCESS NO.....014622-001
BY SPENCER D L
BORUNIAK A
DDC NUMBER.....AD657060
INSTR...AF-AFOSR-0533-67
PROJECT/TASK.....9779/02

AFOSR 67-1874
UNIVERSITY OF MICHIGAN
HUMAN PERFORMANCE IN INFORMATION PROCESSING AND STORAGE
FINAL REPORT JULY 1967
OAR ACCESS NO.....015920-031
BY BELTON A W
DDC NUMBER.....AD656709
INSTR...AF-49(638)01235
PROJECT.....5002

AFOSR 67-1875
UNIVERSITY OF PENNSYLVANIA
GROUND STATE OF THE KONDO MANY-BODY SCATTERING PROBLEM
PHYS REV LETTERS V18 N13 PP488-491 27 MAR 67
OAR ACCESS NO.....022150-001
BY HEEGER A J
JENSEN M A
DDC NUMBER.....AD657052
INSTR...AF-AFOSR-1149-66
PROJECT/TASK.....9763/02

AFOSR 67-1876
UNIVERSITY OF PENNSYLVANIA
EVIDENCE FOR A SINGLE GROUND STATE IN THE MAGNETIC IMPURITY PROBLEM
PHYS REV LETTERS V18 N23 PP997-1000 5 JUN 67
OAR ACCESS NO.....022150-002
BY JENSEN M A
HEEGER A J
WELSH L B
GLADSTONE G
DDC NUMBER.....AD657051
INSTR...AF-AFOSR-1149-66
PROJECT/TASK.....9763/02

AFOSR 67-1877
UNIVERSITY OF MICHIGAN
CONSERVATIVE INFERENCE WITH SIMPLE AND DIFFUSE HYPOTHESES
FINAL REPORT AUG 1967
OAR ACCESS NO.....022070-007
BY EDWARDS W
DDC NUMBER.....AD656781
INSTR...AF-49(638)-01731
PROJECT/TASK.....9778/01

AFOSR 67-1879
ROYAL COLLEGE OF SCIENCE AND TECHNOLOGY
IONIZING DETONATION WAVES IN TRANSVERSE ELECTROMAGNETIC FIELDS
J PLASMA PHYS V1 PT2 PP219-228 1967
OAR ACCESS NO.....001173-005
BY GONDON A R
HELLIWELL J B
DDC NUMBER.....AD657049
INSTR...AF-EOAR -0006-66
PROJECT/TASK.....9749/01

AFOSR 67-1880
NEW YORK UNIVERSITY
ON THE COMPUTATION OF THE NUMBER OF ELEMENTS IN COMBINATIONS OF SETS
AM MATH MONTHLY V74 N5 PP513-522 MAY 1967
OAR ACCESS NO.....019282-001
BY HOMER E D
DDC NUMBER.....AD657056
INSTR...AF-AFOSR-0621-66
PROJECT/TASK.....9749/01

AFOSR 67-1881
UNIVERSITY OF CALIFORNIA
ANALYSIS OF BRAIN WAVE RECORDS FROM GEMINI FLIGHT GT-7 BY COMPUTATIONS TO BE USED IN A THIRTY DAY PRIMATE FLIGHT
LIFE SCI SPACE RES PP65-93 NORTH-HOLLAND AMSTERDAM 1967
OAR ACCESS NO.....009320-011
BY ADEY W R
KADO R T
WALTER D O
DDC NUMBER.....AD657057
INSTR...AF-AFOSR-0081-61
PROJECT/TASK.....9777/01

AFOSR 67-1882
NEW YORK UNIVERSITY
THE BEHAVIOR OF A SIMPLE QUEUE AT VARIOUS TIMES AND EPOCHS
SIAM REV V9 N2 PP234-248 APR 1967
OAR ACCESS NO.....010120-003
BY GREENBERG I
DDC NUMBER.....AD657054
INSTR...AF-AFOSR-0153-62
PROJECT/TASK.....9749/01

AFOSR 67-1883
STATE UNIVERSITY OF NEW YORK
DISCRETE SYSTEMS AND DIGITAL COMPUTER CONTROL
APPL MECH REV V20 N5 MAY 1967
OAR ACCESS NO.....016301-001
BY CHANG S S L
DDC NUMBER.....AD657061
INSTR...AF-AFOSR-0542-67
PROJECT/TASK.....9769/01

AFOSR 67-1884
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
EXPERIMENTAL VERIFICATION OF THE FERMI-DIRAC DISTRIBUTION OF ELECTRONS IN GALLIUM
PHYS REV LETTERS V18 N25 PP1133-1135 19 JUN 1967
OAR ACCESS NO.....003912-016
BY SHAPIRA Y
NEUMINGER L J
DDC NUMBER.....AD657106
INSTR...F49620-67-C-0047
PROJECT/TASK.....9764/01

AFOSR 67-1885
RICE UNIVERSITY
BLUNT-NOSED MISSILE SHAPES OF MINIMUM BALLISTIC FACTOR
AAS-33 1967
OAR ACCESS NO.....010461-003
BY HEIDMAN J C
DDC NUMBER.....AD619567
INSTR...AF-AFOSR-0828-67
PROJECT/TASK.....9769/01

AFOSR 67-1886
STANFORD UNIVERSITY
INTEGRATED DIRECT-COUPLED GYRATOR
ELECTRON LETTERS V3 N5 PP182-184 MAY 1967
OAR ACCESS NO.....011068-002
BY CHUA H T
NEWCOMB R W
DDC NUMBER.....AD657108
INSTR...F44620-67-C-0001
PROJECT/TASK.....9769/01

AFOSR 67-1887
P E C RESEARCH ASSOCIATES INC
AUTOMATIC ENGLISH SENTENCE ANALYSIS FINAL REPORT MAY 1967
OAR ACCESS NO.....023000-001
BY GLASERSFELD E V
DUTTON B
DDC NUMBER.....AD657043
INSTR...F44620-67-C-0028
PROJECT/TASK.....9769/05

AFOSR 67-1888
UNIVERSITY OF MICHIGAN
KINETIC EQUATION FOR A PLASMA AND ITS APPLICATION TO HIGH-FREQUENCY CONDUCTIVITY
OAR ACCESS NO.....019052-001
BY FU J H M
GUERNSEY R L
ONG R S B
DDC NUMBER.....AD657362
INSTR...AF-AFOSR-0829-67
PROJECT/TASK.....9783/02

AFOSR 67-1889
UNIVERSITY OF TEXAS
UNSUPERVISED LEARNING MINIMUM RISK ADAPTIVE PATTERN CLASSIFICATION
JSEP TECHNICAL REPORT NO 37 AUG 1967
OAR ACCESS NO.....015242-031
BY MILBORN C G JR
LAINIOTIS D G
DDC NUMBER.....AD657759
INSTR...AF-AFOSR-0766-67
PROJECT.....4751

AFOSR 67-1890
UNIVERSITY OF TEXAS
COMPUTER ASSISTED ELECTROENCEPHALOGRAPHIC ANALYSIS OF CHICK PYRIDOXINE DEFICIENCY STATES
JSEP TECHNICAL REPORT NO 36 AUG 1967
OAR ACCESS NO.....015242-032
BY POMEROY L R
WELCH A J
DDC NUMBER.....AD657758
INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....4751/00

AFOSR 67-1891
UNIVERSITY OF TEXAS
MINIMIZATION OF BOOLEAN FUNCTIONS CONTAINING ARBITRARY PARAMETERS
JSEP TECHNICAL REPORT NO 38 AUG 1967
OAR ACCESS NO.....015242-033
BY KIRSCH K E
ROTH C H JR
DDC NUMBER.....AD657760
INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....4751/00

AFOSR 67-1892
VIRGINIA INSTITUTE FOR SCIENTIFIC RESEARCH
CRYSTAL GROWTH STUDIES OF THE ALKALI METALS THE RARE EARTHS AND COBALT FINAL REPORT AUG 1967
OAR ACCESS NO.....008041-001
BY KIRN J F
INSTR...AF-AFOSR-0294-63
PROJECT/TASK.....9761/02

AFOSR 67-1892
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CRYSTAL GROWTH STUDIES OF THE ALKALI METALS THE RARE EARTHS AND COBALT FINAL REPORT AUG 1967
OAR ACCESS NO.....008041-002
BY KIRN J F
DDC NUMBER.....AD657053
INSTR...AF-AFOSR-0294-63
PROJECT/TASK.....9761/02

AFOSR 67-1893
UNIVERSITY OF TEXAS
FREQUENCY RANGE OF THE MICROWAVE EMISSION FROM INSB
Z NATURFORSCHUNG V22A N4 P576 4 MAR 1967
OAR ACCESS NO.....015241-057
BY FERRY D K
YOUNG R W
DOUGAL A A
DDC NUMBER.....AD657466
INSTR...AF-AFOSR-0766-66
PROJECT.....4751

AFOSR 67-1894
MARTIN MARIETTA CORPORATION
TRANSITION TO TURBULENCE FOR SUBMERGED INCOMPRESSIBLE AND FREE COMPRESSIBLE FLUID JETS
OR 8882 JUNE 1967
OAR ACCESS NO.....021780-001
BY MCKENZIE C P
OGDSEY W P
DDC NUMBER.....AD657780
INSTR...AF-49(638)-01725
PROJECT/TASK.....9781/01

AFOSR 67-1895
UNIVERSITY OF CALIFORNIA
AN EXPERIMENTAL METHOD FOR THE STUDY OF INTERACTIONS
BETWEEN DETONATION WAVES AND MAGNETIC FIELDS
TECHNICAL REPORT NO 3-67 REPORT NO AS-67-7 JUNE 1967
DAR ACCESS NO.....001935-003
BY LUNDSTROM E A
UNTIEW P A
OPPENHEIM A K
DDC NUMBER.....AD657354
INSTR...AF-AFOSR-0129-67
PROJECT/TASK.....9711/01

AFOSR 67-1896
IIT RESEARCH INSTITUTE
ADVANCED OXIDIZER CHEMISTRY
IITRI-C227-19 MAY 1967
DAR ACCESS NO.....015930-005
BY SOLOMON I J
DDC NUMBER.....AD819107
INSTR...AF-49(638)-1175
PROJECT/TASK.....9711/02

AFOSR 67-1897
UNIVERSITY OF CALIFORNIA
KINETIC THEORY OF A SPHERICAL ELECTROSTATIC PROBE IN A
STATIONARY PLASMA
PHYS FLUIDS V9 N11 PP2150-2167 NOV 1966
DAR ACCESS NO.....008933-001
BY CHOU Y S
TALBOT L
WILLIS D R
DDC NUMBER.....AD650540
INSTR...AF-AFOSR-0538-66
PROJECT/TASK.....9783/01

AFOSR 67-1898
GENERAL DYNAMICS
CHEMICAL REACTIONS ON CLEAN SURFACES USING MODULATED ATOMIC
BEAM TECHNIQUES
GA-7927 APRIL 1967
DAR ACCESS NO.....011090-002
BY PALMER R L
SMITH J N JR
SALTSBURG H
DDC NUMBER.....AD657304
INSTR...AF-49(638)-01559
PROJECT/TASK.....9750/02

AFOSR 67-1899
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
APPLICATION OF THE SMOOTH-SURFACE INTERPOLATION TO THE
FINITE-ELEMENT ANALYSIS
AIAA J V5 N1 PP187-189 JAN 1967
DAR ACCESS NO.....008083-002
BY DEAK A L
PIAN T H H
DDC NUMBER.....AD657603
INSTR...AF-AFOSR-0347-64
PROJECT/TASK.....9782/01

AFOSR 67-1900
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
SOLUTION OF NONLINEAR FLOW PROBLEMS THROUGH PARAMETRIC
DIFFERENTIATION
PHYS FLUIDS V10 N4 PP838-845 APR 1967
DAR ACCESS NO.....001394-004
BY LANDAHL M T
DDC NUMBER.....AD657405
INSTR...AF-AFOSR-0156-65
PROJECT/TASK.....9781/02

AFOSR 67-1901
UNIVERSITY OF UTAH
IGNITION AND COMBUSTION OF SOLID PROPELLANTS
FINAL REPORT SEPT 1965
DAR ACCESS NO.....001965-001
BY MANTYLA W G
CHENG J T
BOUCK L S
KELLER J A
OAEN A O
DDC NUMBER.....AD657781
INSTR...AF-AFOSR-0040-66
PROJECT/TASK.....9711/01

AFOSR 67-1902
UNIVERSITY OF CALIFORNIA
PRESSURE DEPENDENCE OF NONMETALIZED HYBRID FUEL REGRESSION
RATES
AIAA J V5 N4 PP774-778 APR 1967
DAR ACCESS NO.....017822-001
BY KOSDON F J
WILLIAMS F A
DDC NUMBER.....AD657410
INSTR...AF-AFOSR-0027-65
PROJECT/TASK.....9711/01

AFOSR 67-1903
UNIVERSITY OF MICHIGAN
RELAXATION TO EQUILIBRIUM OF A DILUTE ELECTRON PLASMA
J MATH PHYS V8 N2 PP240-247 FEB 1967
DAR ACCESS NO.....013051-002
BY MCLEOD J H
ONG H S H
DDC NUMBER.....AD657412
INSTR...AF-AFOSR-1371-65
PROJECT/TASK.....9783/02

AFOSR 67-1904
PENNSYLVANIA STATE UNIVERSITY
ACOUSTIC WAVES IN THE IONOSPHERE
SCIENTIFIC REPORT NO 104 AUG 1967
DAR ACCESS NO.....014960-002
BY WIGHT L H
DDC NUMBER.....AD658449
INSTR...AF-AFOSR-0178
PROJECT/TASK.....9767/02

AFOSR 67-1905
COLUMBIA UNIVERSITY
ONE-DIMENSIONAL ATOMIC MODEL FOR A DISLOCATION LINE
PHYS REV V154 N3 PP854-861 15 FEB 67
DAR ACCESS NO.....020680-001
BY SANDERS W F
DDC NUMBER.....AD657244
INSTR...AF-AFOSR-1098-66
PROJECT/TASK.....9763/01

AFOSR 67-1906
CORNELL UNIVERSITY
CURRENT DIFFUSION IN A SHOCK TUBE WITH VARYING MAGNETIC
FIELD
J PHYS SOC JAPAN V22 N3 PP901-905 MAR 1967
DAR ACCESS NO.....007413-001
BY YASUHARA M
DDC NUMBER.....AD655190
INSTR...AF-AFOSR-0399-67
PROJECT/TASK.....9783/02

AFOSR 67-1907
CORNELL UNIVERSITY
GAS IONIZING SHOCK WAVE IN MAGNETIC SHOCK TUBE
TRANS JAPAN SOC AERON SPACE SCI V9 N15 PP26-36 1966
DAR ACCESS NO.....007413-002
BY YASUHARA M
DDC NUMBER.....AD655191
INSTR...AF-AFOSR-0399-67
PROJECT/TASK.....9783/02

AFOSR 67-1908
NORTHWESTERN UNIVERSITY
TRANSIENT RESPONSE OF AN ELASTIC SHELL IN PLANE STRAIN
J ACOUST SOC AM V41 N2 PP358-368 FEB 1967
DAR ACCESS NO.....012244-002
BY KEER L M
FLEMING J F
HERRMANN G
DDC NUMBER.....AD657627
INSTR...AF-AFOSR-0100-66
PROJECT/TASK.....9782/01

AFOSR 67-1910
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
WIND TUNNEL TESTS OF SIMULATED SPHERICAL HAILSTONES WITH
VARIABLE ROUGHNESS
J ATMOSPHERIC SCI V24 N1 PP58-62 JAN 1967
DAR ACCESS NO.....001393-005
BY YOUNG R G E
ORVENING K A
DDC NUMBER.....AD657408
INSTR...AF-AFOSR-0156-66
PROJECT/TASK.....9781/02

AFOSR 67-1911
CORNELL UNIVERSITY
A THEORY FOR THE SLIP-FLOW BOUNDARY CONDITIONS OVER A
SURFACE DEFINED BY ARBITRARY GAS-SURFACE INTERACTION
PARAMETERS
RAREFIED GAS DYNAMICS 5TH SYMP V1 C L BRUNDIN ED UNIV
OXFORD JUL 1966 PP623-640 NEW YORK ACADEMIC PRESS 1967
DAR ACCESS NO.....001062-006
BY SHEN S F
DDC NUMBER.....AD655195
INSTR...AF-49(638)-01346
PROJECT/TASK.....9783/02

AFOSR 67-1912
UNIVERSITY OF MICHIGAN
TEST-PARTICLE RELAXATION IN AN ELECTRON GAS DESCRIBED BY
THE FOKKER-PLANCK KINETIC EQUATION
RAREFIED GAS DYNAMICS 5TH SYMP V2 C L BRUNDIN ED UNIV
OXFORD JUL 1966 PP1623-1638 NEW YORK ACADEMIC PRESS 1967
DAR ACCESS NO.....019051-003
BY ROWLANDS G
DDC NUMBER.....AD657290
INSTR...AF-AFOSR-0825-65
PROJECT/TASK.....9783/02

AFOSR 67-1913
APPLICAZIONI RICERCHE SCIENTIFICHE
VARIATIONAL APPROACH TO RAREFIED FLOWS IN CYLINDRICAL AND
SPHERICAL GEOMETRY
RAREFIED GAS DYNAMICS 5TH SYMP V1 C L BRUNDIN ED UNIV
OXFORD JULY 1966 PP555-571 NEW YORK ACADEMIC PRESS 1967
DAR ACCESS NO.....018130-006
BY CERCIGNANI C
MAGANI C D
DDC NUMBER.....AD657230
INSTR...AF-61(052)-00881
PROJECT/TASK.....9783/01

AFOSR 67-1914
APPLICAZIONI RICERCHE SCIENTIFICHE
SOME RESULTS ABOUT A KINETIC MODEL WITH VELOCITY -
DEPENDENT COLLISION FREQUENCY
RAREFIED GAS DYNAMICS 5TH SYMP V1 C L BRUNDIN ED UNIV
OXFORD JUL 1966 PP301-314 NEW YORK ACADEMIC PRESS 1967
DAR ACCESS NO.....018130-007
C CERCIGNANI C
S PAGLIOTTO P
DDC NUMBER.....AD657233
INSTR...AF-61(052)-00881
PROJECT/TASK.....9783/01

AFOSR 67-1915
APPLICAZIONI RICERCHE SCIENTIFICHE
THE PROBLEM OF A CYLINDER ROTATING IN A RAREFIED GAS
RAREFIED GAS DYNAMICS 5TH SYMP VI C L BRUNDIN ED UNIV
OXFORD JUL 1966 PP505-516 NEW YORK ACADEMIC PRESS 1967
OAR ACCESS NO.....018130-008
BY BASSANINI P DOC NUMBER.....AD657232
CERCIGNANI C INSTR...AF-61(052)-00881
SCHWENDIMANN P PROJECT/TASK.....9783/01

AFOSR 67-1916
APPLICAZIONI RICERCHE SCIENTIFICHE
NON-LINEAR HEAT TRANSFER BETWEEN TWO PARALLEL PLATES
ACCORDING TO A MODEL WITH CORRECT PRANDTL NUMBER
RAREFIED GAS DYNAMICS 5TH SYMP VI C L BRUNDIN ED UNIV
OXFORD JUL 1966 PP461-493 NEW YORK ACADEMIC PRESS 1967
OAR ACCESS NO.....018130-004
BY CERCIGNANI C DOC NUMBER.....AD657235
TERONI G INSTR...AF-61(052)-00881
PROJECT/TASK.....9783/01

AFOSR 67-1917
UNIVERSITY OF TEXAS
THE PHASE AB TWO IN THE BINARY SYSTEMS LANTHANUM-ANTIMONY-
TELLURIUM AND LANTHANUM-TIN-ANTIMONY
INORG CHEM V6 N7 PP1298-1300 JUL 1967
OAR ACCESS NO.....010751-007
BY WANG R DOC NUMBER.....AD657271
STEINFINK H INSTR...AF-AFOSR-0400-65
RAMAN A PROJECT/TASK.....9761/02

AFOSR 67-1918
POLYTECHNIC INSTITUTE OF BROOKLYN
RELIABILITY APPROXIMATIONS FOR COMPLEX STRUCTURES
PROC ANN SYMP RELIABILITY 1967 10-12 JAN 1967 PP292-301
OAR ACCESS NO.....001685-038
BY MESSINGER M DOC NUMBER.....AD657530
SHOOMAN M INSTR...AF-AFOSR-639/01402
PROJECT/TASK.....9751/00

AFOSR 67-1919
BRYN MAWR COLLEGE
AUDITORY DIRECTION AND HEAD ROTATION
PERCEPT MOTOR SKILLS V24 PP961-962 1967
OAR ACCESS NO.....003562-001
BY KAMREN E T DOC NUMBER.....AD657281
DAVIDSON R S INSTR...AF-AFOSR-0109-63
PROJECT/TASK.....9778/03

AFOSR 67-1920
UNIVERSITY OF FLORIDA
THE SELECTION OF OPTIMUM CONDITIONS FOR SPECTROCHEMICAL
METHODS III SENSITIVITY OF ATOMIC FLUORESCENCE ABSORPTION
AND EMISSION FLAME SPECTROMETRY
J CHEM EDUC V44 N4 PP214-222 APR 1967
OAR ACCESS NO.....020430-013
BY PARSONS M L DOC NUMBER.....AD657284
MCCARTHY W J INSTR...AF-AFOSR-1033-66
WINEFORDNER J D PROJECT/TASK.....9710/04

AFOSR 67-1921
UNIVERSITY OF MISSOURI
A COLLECTION OF SOME CONTROLLED SURFACE THERMAL
ACCOMMODATION COEFFICIENT MEASUREMENTS
RAREFIED GAS DYNAMICS 5TH SYMP VI C L BRUNDIN ED UNIV
OXFORD JUL 1966 PP135-152 NEW YORK ACADEMIC PRESS 1967
OAR ACCESS NO.....012000-001
BY THOMAS L B DOC NUMBER.....AD657267
INSTR...AF-AFOSR-3034-67
PROJECT/TASK.....9781/02

AFOSR 67-1922
UNIVERSITY OF MISSOURI
DETERMINATION OF THE THERMAL ACCOMMODATION COEFFICIENTS OF
GASES ON CLEAN SURFACES AT TEMPERATURES ABOVE 300 DEGREES
K BY THE TEMPERATURE JUMP METHOD
RAREFIED GAS DYNAMICS 5TH SYMP VI C L BRUNDIN ED UNIV
OXFORD JUL 1966 PP153-172 NEW YORK ACADEMIC PRESS 1967
OAR ACCESS NO.....012000-032
BY ROACH P V DOC NUMBER.....AD657661
THOMAS L B INSTR...AF-AFOSR-3094-67
PROJECT/TASK.....9781/02

AFOSR 67-1923
UNIVERSITY OF QUEENSLAND
BASIC CHEMICAL RESEARCH IN AUSTRALIA
AUSTRALIAN J SCI V29 N11 PP383-385 1967
OAR ACCESS NO.....016090-011
BY LYONS L E DOC NUMBER.....AD657275
INSTR...AF-AFOSR-1461-65
PROJECT/TASK.....9751/02

AFOSR 67-1924
CORNELL UNIVERSITY
FLUID MECHANICS RESEARCH FINAL REPORT JULY 1967
OAR ACCESS NO.....017012-033
BY SEARS W R DOC NUMBER.....AD657411
INSTR...AF-AFOSR-1113-66
PROJECT/TASK.....9711/01

AFOSR 67-1925
NORTHWESTERN UNIVERSITY
RESPONSE OF CYLINDRICAL SANDWICH SHELLS TO MOVING LOADS
J APPL MECH PP81-86 MAR 1967
OAR ACCESS NO.....012263-004
BY HERRMANN G DOC NUMBER.....AD657423
NAKKA E H INSTR...AF-AFOSR-0100-65
PROJECT/TASK.....9782/01

AFOSR 67-1926
BROWN UNIVERSITY
DISCONTINUOUS VECTOR FIELDS AND FEEDBACK CONTROL
DIFFERENTIAL EQUATIONS AND DYNAMICAL SYSTEMS PP155-168
ACADEMIC PRESS NEW YORK 1967
OAR ACCESS NO.....019591-009
BY HERMES H G DOC NUMBER.....AD657288
INSTR...AF-AFOSR-0803-65
PROJECT/TASK.....9749/01

AFOSR 67-1927
UNIVERSITY OF CALIFORNIA
ERROR BOUNDS FOR CONVOLUTIONAL CODES AND AN ASYMPTOTICALLY
OPTIMUM DECODING ALGORITHM
IEEE TRANS INFORM THEORY V17-13 N2 PP260-269 APR 67
OAR ACCESS NO.....015050-008
BY VITERBI A J DOC NUMBER.....AD657409
INSTR...AF-AFOSR-0700-65
PROJECT/TASK.....9749/01

AFOSR 67-1928
STANFORD RESEARCH INSTITUTE
RESPONSE OF A BURNING PROPELLANT SURFACE TO EROSIVE
TRANSIENTS
ENG-SHIP MAY 1967
OAR ACCESS NO.....005293-005
BY MARKMAN G A DOC NUMBER.....AD819150
CARPENER E L INSTR...AF-49(638)-01665
MOULDRIDGE C E PROJECT/TASK.....9713/01

AFOSR 67-1929
TE CHNION-ISRAEL INST OF TECH
GENERAL INSTABILITY OF CYLINDRICAL SHELLS WITH NON-UNIFORM
STIFFENERS
ISRAEL J TECHNOL V5 N1-2 PP114-124 1967
OAR ACCESS NO.....001324-002
BY HAMADI J DOC NUMBER.....AD657089
SINGER J INSTR...AF-61(052)-00905
BARUCH M PROJECT/TASK.....9782/01

AFOSR 67-1930
SPACE SCIENCES INCORPORATED
ON DIFFUSION THEORY IN A GRAVITATIONAL FIELD
RAREFIED GAS DYNAMICS 5TH SYMP VI C L BRUNDIN ED UNIV
OXFORD JUL 1966 PP325-344 NEW YORK ACADEMIC PRESS 1967
OAR ACCESS NO.....012391-002
BY ZIERING S DOC NUMBER.....AD657271
SHEINDLATT M INSTR...AF-49(638)-01666
PROJECT/TASK.....9783/01

AFOSR 67-1931
YALE UNIVERSITY
FAR-INFRARED MEASUREMENT OF LONG-RANGE ORDERE IN A
DISPLACIVE PHASE TRANSITION
PHYS REV LETTERS V18 N24 12 JUN 1967
OAR ACCESS NO.....002923-005
BY SWEEDLER J G DOC NUMBER.....AD657652
GLENNY D P INSTR...AF-AFOSR-0873-65
PROJECT/TASK.....9763/02

AFOSR 67-1932
STANFORD UNIVERSITY
THE FLUORESCENT RESPONSE OF SODIUM IODIDE THALLIUM CESIUM
IODIDE THALLIUM CESIUM IODIDE SODIUM AND CALCIUM FLUORIDE
EUROPIUM TO X-RAYS AND LOW ENERGY GAMMA RAYS
IEEE TRANS NUCL SCI NS14 PP648-676 1967
OAR ACCESS NO.....016439-001
BY AITKEN D W DOC NUMBER.....AD657522
SZYMAN B L INSTR...AF-49(638)-01644
VENEGAS G PROJECT/TASK.....9763/03
ZULLIGER H W

AFOSR 67-1933
PENNSYLVANIA STATE UNIVERSITY
CALIBRATION AND USE OF AN ELECTRON MICROSCOPE FOR
PRECISION MICROMEASUREMENTS IN THIN FILM MATERIALS
PHYS STATUS SOLIDI V19 N2 PP7-18 1967
OAR ACCESS NO.....019564-001
BY MUELLER E G DOC NUMBER.....AD657243
INSTR...AF-AFOSR-0469-66
PROJECT/TASK.....9782/02

AFOSR 67-1934
STANFORD UNIVERSITY
TECHNIQUE AND APPARATUS FOR DETERMINING THE RESPONSE OF SCINTILLATORS AND SEMICONDUCTORS TO LOW ENERGY X-RAY EXCITATION
IEEE TRANS NUCL SCI NS13 PP287-294 1966
BY AITKEN D W
MARCUM A E
ZULLIGER H R
OAR ACCESS NO.....016640-002
DDC NUMBER.....AD657026
INSTR...AF-49(638)-01499
PROJECT/TASK.....9763/02

AFOSR 67-1935
BROWN UNIVERSITY
KINETIC THEORY OF HEAT TRANSFER FOR A GAS WITH INTERNAL DEGREES OF FREEDOM
RAREFIED GAS DYNAMICS 5TH SYMP V1 C L BRUNDIN ED UNIV OXFORD JUL 1966 PP619-640 NEW YORK ACADEMIC PRESS 1967
BY MSU S K
MUNSE T P
OAR ACCESS NO.....018970-003
DDC NUMBER.....AD657273
INSTR...AF-49(638)-01326
PROJECT/TASK.....9781/01

AFOSR 67-1936
DEFENSE RESEARCH CORPORATION
PRELIMINARY RESULTS OF A NEW FORMULATION OF THE HYPERSONIC LEADING EDGE FLOW PROBLEM
RAREFIED GAS DYNAMICS 5TH SYMP V2 C L BRUNDIN ED UNIV OXFORD JULY 1966 PP955-989 NEW YORK ACADEMIC PRESS 1967
BY LAURMANN J A
OAR ACCESS NO.....018239-002
DDC NUMBER.....AD657269
INSTR...AF-49(638)-01569
PROJECT/TASK.....9781/01

AFOSR 67-1937
NEW YORK UNIVERSITY
THE TRAIL OF AN IONOSPHERIC SATELLITE II
RAREFIED GAS DYNAMICS 5TH SYMP V2 C L BRUNDIN ED UNIV OXFORD JUL 1966 PP1687-1702 NEW YORK ACADEMIC PRESS 1967
BY VAGLIO-LAURIN R
PAN Y S
OAR ACCESS NO.....017839-002
DDC NUMBER.....AD657240
INSTR...AF-AFOSR-913-65
PROJECT/TASK.....9781/02

AFOSR 67-1938
INSTITUTE FOR ADVANCED STUDY
ON THE HOMOLOGY GROUPS OF STEIN SPACES
INVENTIONES MATH V2 PP377-385 1967
BY NARASIMHAN R
OAR ACCESS NO.....021610-004
DDC NUMBER.....AD657238
INSTR...AF-AFOSR-1071-66
PROJECT/TASK.....9749/22

AFOSR 67-1939
JOHNS HOPKINS UNIVERSITY
PROPAGATION OF FINITE AMPLITUDE WAVES IN SINGLE CRYSTALS OF HIGH-PURITY ALUMINUM
PHIL MAG V15 N136 PP659-671 APR 1967
BY GILLICH R J
OAR ACCESS NO.....005401-001
DDC NUMBER.....AD657276
INSTR...AF-49(638)-01715
PROJECT/TASK.....9743/01

AFOSR 67-1940
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
ELEMENT STIFFNESS-MATRICES FOR BOUNDARY COMPATIBILITY AND FOR PRESCRIBED BOUNDARY STRESSES
MATRIX METHODS STRUCT MECHS PP457-477 &PAPR ORIG 26-28 OCT 1965
BY PIAN T H H
OAR ACCESS NO.....00H0H3-003
DDC NUMBER.....AD658312
INSTR...AF-AFOSR-0347-66
PROJECT.....9782

AFOSR 67-1941
ANTIOCH COLLEGE
ACTIVATION AND LONG TERM PERFORMANCE
ACTA PSYCHOL V27 PP173-184 1967
BY JERISON H J
OAR ACCESS NO.....003824-002
DDC NUMBER.....AD657239
INSTR...AF-AFOSR-0150-66
PROJECT/TASK.....9778/01

AFOSR 67-1942
TECHNION/ISRAEL INST OF TECH
INFLUENCE OF IN-PLANE BOUNDARY CONDITIONS ON THE STABILITY OF CONICAL SHELLS UNDER HYDROSTATIC PRESSURE
ISRAEL J TECHNOL V5 N1-2 PP12-20 1967
BY DANUCH M
HANANI G
SINGER J
OAR ACCESS NO.....001374-003
DDC NUMBER.....AD657632
INSTR...AF-61(052)-[illegible]
PROJECT/TASK.....9730/01

AFOSR 67-1944
UNIVERSITY OF WISCONSIN
INNER FUNCTIONS IN POLYDISCS
BULL AM MATH SOC V73 N3 PP366-372 MAY 1967
BY RUDIN W
OAR ACCESS NO.....020600-001
DDC NUMBER.....AD657245
INSTR...AF-AFOSR-1180-66
PROJECT/TASK.....9749/02

AFOSR 67-1945
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
DYNAMIC BUCKLING OF A CIRCULAR RING CONSTRAINED IN A RIGID CIRCULAR SURFACE
DYN STABILITY STRUCT INTERN CONF NORTHWESTERN UNIV EVANSTON ILL 18-20 OCT 1965 PP285-297 1966
BY PIAN T H H
PALMER M A
BUCCIARELLI L L JR
OAR ACCESS NO.....008083-004
DDC NUMBER.....AD657283
INSTR...AF-AFOSR-0347-66
PROJECT/TASK.....9782/01

AFOSR 67-1946
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
GENERALIZED TRANSFORMATION TO A ROTATING COORDINATE SYSTEM IN QUANTUM MECHANICS
PHYS REV V157 N2 PP291-294 MAY 1967
BY BRADDAUDE M C
OAR ACCESS NO.....007912-017
DDC NUMBER.....AD657531
INSTR...F44620-67-C-0047
PROJECT/TASK.....9764/01

AFOSR 67-1947
WASHINGTON UNIVERSITY
ON FITTING WITH FUNCTIONAL POLYNOMIALS
J MASIC ENGIN PP399-405 JUN 1967
BY ZAHORSZKY J
BLAKE R M
OAR ACCESS NO.....018160-001
DDC NUMBER.....AD657613
INSTR...AF-AFOSR-0432-66
PROJECT/TASK.....9749/01

AFOSR 67-1948
STANFORD UNIVERSITY
THE LINEARITY OF THE CHARGE CONVERSION FUNCTION FOR COOLED LITHIUM-DRIFTED SILICON DETECTORS IN RESPONSE TO X-RAY AND LOW ENERGY GAMMA RAY EXCITATION
IEEE TRANS NUCL SCI NS14 PP563-568 1967
BY AITKEN D
ZULLIGER H R
OAR ACCESS NO.....016480-003
DDC NUMBER.....AD657524
INSTR...AF-49(638)-01499
PROJECT/TASK.....9763/03

AFOSR 67-1950
ANTIOCH COLLEGE
A MODIFICATION OF THE HUFFMAN-FLESHLER GRID SHOCK SCRAMBLER
J EXPTL ANAL BEHAV V9 N6 PP689-690 NOV 1966
BY CAMPBELL J M
JERISON H J
OAR ACCESS NO.....003824-003
DDC NUMBER.....AD657483
INSTR...AF-AFOSR-0150-66
PROJECT/TASK.....9778/01

AFOSR 67-1951
ANTIOCH COLLEGE
PATTERNS OF EXTINCTION OF A DETECTION-INDICATING RESPONSE UNDER ESCAPE-AVOIDANCE REINFORCEMENT
PSYCHON SCI V5 N7 PP279-280 1966
BY JERISON H J
OAR ACCESS NO.....003824-004
DDC NUMBER.....AD657484
INSTR...AF-AFOSR-0150-66
PROJECT/TASK.....9778/01

AFOSR 67-1952
UNIVERSITY OF PENNSYLVANIA
THE MOORE SCHOOL INFORMATION SYSTEMS LABORATORY
MAY 1967
BY RUBINOFF M
OAR ACCESS NO.....011842-004
DDC NUMBER.....AD657809
INSTR...AF-49(638)-01421
PROJECT/TASK.....9769/01

AFOSR 67-1954
UNIVERSIDAD NACIONAL OF CORDOBA
PRIMERAS JORNADAS LATINO AMERICANAS DE ACUSTICA /FIRST LATIN AMERICAN SYMPOSIUM ON ACOUTICS CORDOBA ARGENTINA 17-23 MAY 1965/
BY FUCHS G L
OAR ACCESS NO.....018160-001
DDC NUMBER.....AD657124
INSTR...AF-AFOSR-0916-65
PROJECT/TASK.....9767/02

AFOSR 67-1955
PRINCETON UNIVERSITY
THE CALCULATION OF MODEL STELLAR ATMOSPHERES
METH COMPUTATIONAL PHYS V7 PP1-52 ACADEMIC PRESS NEW YORK 1967
BY MIHALAS M
OAR ACCESS NO.....016500-011
DDC NUMBER.....AD657653
INSTR...AF-49(638)-01555
PROJECT/TASK.....9767/03

AFOSR 67-1956
APROSPALL RESEARCH ASSOCIATES INC
SKIN-FRICTION DRAG AT SUPERSONIC-HYPERSONIC SPEEDS WITH TRANSITION
J AIRCRAFT PP264-265 MAY-JUN 1967
BY LIU W K
GAR ACCESS NO.....014640-002
DDC NUMBER.....AD657519
INSTR...AF-49(638)01309
PROJECT/TASK.....9781/01

AFOSR 67-1957
SOUTHWEST RESEARCH INSTITUTE
NOTE ON THE PROPAGATION OF ELASTIC WAVES IN A NONHOMOGENEOUS ROD OF FINITE LENGTH
J APPL MECH MAR 1967
BY FRANCIS P H
GAR ACCESS NO.....010391-002
DDC NUMBER.....AD657517
INSTR...AF-49(638)01885
PROJECT/TASK.....9782/02

AFOSR 67-1958
UNIVERSITY OF OKLAHOMA
ELECTRON EXCITATION FUNCTIONS OF MERCURY
PHYS REV V157 N1 PP31-40 5 MAY 67
BY ANDERSON H J
LEE E T P
LIN C C
GAR ACCESS NO.....0000H4-003
DDC NUMBER.....AD657665
INSTR...AF-AFOSR-0252-65
PROJECT/TASK.....9767/02

AFOSR 67-1959
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
HEAT TRANSFER AND PRESSURE DROP IN TAPE GENERATED SWIRL FLOW
TR 11 A AUG 67
BY LOPINA R F
BERGLES A E
GAR ACCESS NO.....007912-018
DDC NUMBER.....AD656739
INSTR...F44620-67-C-0047
PROJECT/TASK.....9764/01

AFOSR 67-1960
HARVARD UNIVERSITY
PARTIAL SYMMETRY
PHYS REV LETTERS V18 N21 PP923-926 MAY 1967
BY SCHWINGER J
GAR ACCESS NO.....004861-039
DDC NUMBER.....AD657656
INSTR...AF-49(638)01380
PROJECT/TASK.....9681/01

AFOSR 67-1961
UNIVERSITY OF SHEFFIELD
PARAMAGNETIC RESONANCE IN RARE EARTH METALS FINAL REPORT
JUNE 1967
BY TEMPLE R S
HARRIS A M
JOHNSON R
TEMPLE D W
GAR ACCESS NO.....010311-002
DDC NUMBER.....AD657790
INSTR...AF-EOAR-0060-65
PROJECT/TASK.....9763/03

AFOSR 67-1962
PRINCETON UNIVERSITY
STATISTICAL-EQUILIBRIUM MODEL ATMOSPHERES FOR EARLY-TYPE STARS I HYDROGEN CONTINUA
ASTROPHYS J V149 PP185-190 JUL 67
BY MIHALAS D
GAR ACCESS NO.....016500-012
DDC NUMBER.....AD657655
INSTR...AF-49(638)01555
PROJECT/TASK.....9767/03

AFOSR 67-1963
CASE INSTITUTE OF TECHNOLOGY
LOW-FIELD DE HAAS-VAN ALPHEN STUDY OF THE FERMI SURFACE OF ALUMINUM
PHYS REV V158 N3 PP703-715 15 APR 1967
BY LARSON C L
GORDON W L
GAR ACCESS NO.....005353-002
DDC NUMBER.....AD657663
INSTR...AF-AFOSR-0536-66
PROJECT/TASK.....9763/02

AFOSR 67-1964
UNIVERSITY OF MINNESOTA
ON THE SEARCH FOR VARIATIONAL PRINCIPLES
INTERN J HEAT MASS TRANSFER V10 PP709-821 1967
BY FINLAYSON B A
SCRIVEN L E
GAR ACCESS NO.....013340-007
DDC NUMBER.....AD657660
INSTR...AF-AFOSR-0219-67
PROJECT/TASK.....9767/01

AFOSR 67-1965
UNIVERSITY OF MARYLAND
ELECTRON SPIN POLARIZATION DUE TO A MAGNETIC IMPURITY
PHYS REV V157 N2 PP452-456 10 MAY 1967
BY FULLENBAUM M S
FALK D S
GAR ACCESS NO.....003333-024
DDC NUMBER.....AD657658
INSTR...AF-AFOSR-0715-65
PROJECT/TASK.....9751/01

AFOSR 67-1966
UNIVERSITY OF WISCONSIN
ZERO-SETS IN POLYDISCS
HULL AM MATH SOC V73 N6 PP890-893 JUL 67
BY RUDIN W
GAR ACCESS NO.....020600-002
DDC NUMBER.....AD657640
INSTR...AF-AFOSR-1180-66
PROJECT/TASK.....9769/02

AFOSR 67-1967
UNIVERSITY OF SOUTHERN CALIFORNIA
CONSOLIDATED SEMIANNUAL PROGRESS REPORT NO 5
31 MARCH 1967
BY KAPRIELIAN Z
GAR ACCESS NO.....014493-001
INSTR...AF-AFOSR-0496-67
PROJECT/TASK.....9751/00

AFOSR 67-1968
CARNEGIE INSTITUTE OF TECHNOLOGY
USER CORE IN A 360/67 TIME-SHARING SYSTEM
AUGUST 1967
BY LAUER H C
GAR ACCESS NO.....022900-013
DDC NUMBER.....AD657782
INSTR...SD -146
PROJECT/TASK.....9718/00

AFOSR 67-1969
CATHOLIC UNIVERSITY OF AMERICA
ON LINEAR FORMS STOCHASTIC INTEGRALS
35TH SESSION INTERN STATIST INST BELGRADE SEP 65 PP828-840
BY LAHA R G
LUKACS E
GAR ACCESS NO.....014011-003
DDC NUMBER.....AD657763
INSTR...AF-AFOSR-0437-63
PROJECT/TASK.....9749/02

AFOSR 67-1970
ROYAL UNIVERSITY OF UPPSALA
CORRECTION TO THE ENERGY OF A CRYSTAL IN THE /ALTERNATE MOLECULAR ORBITAL/ APPROXIMATION
ARKIV FYSIK V33 NR PP103-104 16 SEPT 1966
BY LINDERBERG J
CALAIS J L
GAR ACCESS NO.....023372-004
DDC NUMBER.....AD657740
INSTR...AF-61(052)00874
PROJECT/TASK.....9767/01

AFOSR 67-1971
MIDWEST RESEARCH INSTITUTE
A STUDY OF THE ELECTRIC DEFLECTION OF MOLECULAR BEAMS
AUGUST 1967
BY GREENE F T
MILNE T A
GAR ACCESS NO.....017851-001
INSTR...AF-49(638)01724

AFOSR 67-1972
UNIVERSITY OF CALIFORNIA
OBSERVATION OF CYCLOTRON ECHOES FROM A HIGHLY IONIZED PLASMA
PHYS LETTERS V22 N5 PP585-587 15 SEP 66
BY KAPLAN D F
HILL R M
WONG A Y
GAR ACCESS NO.....020410-002
DDC NUMBER.....AD647282
INSTR...AF-AFOSR-0962-65
PROJECT/TASK.....9767/03

AFOSR 67-1973
GEORGE WASHINGTON UNIVERSITY
THE TWO CONCEPTS OF INFORMATION
J AM STATIST ASSOC V62 PP685-686 JUN 67
BY KULLBACK S
GAR ACCESS NO.....018120-006
DDC NUMBER.....AD657746
INSTR...AF-AFOSR-0932-65
PROJECT/TASK.....9749/02

AFOSR 67-1974
ATLANTIC RESEARCH CORPORATION
CHLORINE /III/ OXIDE A NEW CHLORINE OXIDE
J AM CHEM SOC V89 PP2795-2797 1967
BY MCHALE E T
FLINE G V
GAR ACCESS NO.....017041-007
DDC NUMBER.....AD657729
INSTR...AF-49(638)01665
PROJECT/TASK.....9713/01

AFOSR 67-1975
YALE UNIVERSITY
COUPLING BETWEEN NUCLEAR AND ELECTRONIC MOTION IN DIATOMIC MOLECULES
J CHEM PHYS V46 N8 PP3034-3040 15 APR 1967
BY LAUE H
GAR ACCESS NO.....002121-005
DDC NUMBER.....AD657756
INSTR...AF-AFOSR-0843-65
PROJECT/TASK.....9767/02

AFOSR 67-1976
UNIVERSITY OF ILLINOIS
TUNNELING CURRENTS VIA GOLD LEVELS IN GERMANIUM P-N-I DIODES
PROC IEEE V55 N8 PP1105-1106 JUNE 1967
BY SPREETNAM D G
SAH C T
DAR ACCESS NO.....003619-005
DOC NUMBER.....AD657745
INSTR...AF-AFOSR-0716-67
PROJECT/TASK.....9763/02

AFOSR 67-1977
CORNELL UNIVERSITY
A RADIO SURVEY OF THE REGION OF NGC 6741
J ASTRON V72 N3 PP443-446 APR 1967
BY TEMZIAN V
DAR ACCESS NO.....5000A0-040
DOC NUMBER.....AD657721
INSTR...AF-49/638/01158
PROJECT/TASK.....2834/00

AFOSR 67-1979
UNIVERSITY OF OREGON
BORON ELEVEN PRODUCED BY 80MEV PHOTONS ON CARBON 12
PHYS REV V155 N5 PP1054-1061 20 MAR 1967
BY PUGH H G
MENDRIE D L
CHABRE V
BOSCHITZ E
MCCARTHY T E
DAR ACCESS NO.....017801-001
DOC NUMBER.....AD657744
INSTR...AF-AFOSR-0947-67
PROJECT/TASK.....9761/02

AFOSR 67-1980
UNIVERSITY OF CALIFORNIA
TWO-DIMENSIONAL FINITE DEFORMATION EXPERIMENTS ON DOGS ANTLERS AND VEINS
AUGUST 1967
BY LEE J S
FRASHER W G JR
FUNG Y C H
DAR ACCESS NO.....001378-002
DOC NUMBER.....AD659546
INSTR...AF-AF(ISM-1140-67
PROJECT/TASK.....9782/01

AFOSR 67-1981
STANFORD UNIVERSITY
AN EXPERIMENTAL STUDY OF THE EFFECT OF LENGTH ON THE BUCKLE PATTERN OF AXIALLY COMPRESSED CIRCULAR CYLINDRICAL SHELLS
SUDAAR 318 JUNE 1967
BY SENDELBECK R L
CARLSON A L
HOFF N J
DAR ACCESS NO.....001403-003
DOC NUMBER.....AD660565
INSTR...AF-49/638/01276
PROJECT/TASK.....9782/01

AFOSR 67-1982
POLYTECHNIC INSTITUTE OF BROOKLYN
TORSIONAL VIBRATIONS OF HOMOGENEOUS AND SANDWICH SPHERICAL CAPS AND CIRCULAR PLATES
SCIENTIFIC REPORT NO 9
BY KOOLIK J
YU Y Y
DAR ACCESS NO.....005552-C12
INSTR...AF-49/638/01290
PROJECT/TASK.....9782/01

AFOSR 67-1982
POLYTECHNIC INSTITUTE OF BROOKLYN
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SCIENTIFIC REPORT NO 9 JULY 1967
BY KOOLIK J
YU Y Y
DAR ACCESS NO.....005552-C10
DOC NUMBER.....AD659421
INSTR...AF-49/638/01290
PROJECT/TASK.....9782/01

AFOSR 67-1983
TECHNION RESEARCH AND DEVELOPMENT
EXPERIMENTAL INVESTIGATIONS ON THE DYNAMIC STRENGTH OF COMPOSITES
SCIENTIFIC REPORT NO 5 AML REPORT NO 8 JUNE 1967
BY BODNER S R
LIFSHITZ J M
DAR ACCESS NO.....022230-006
DOC NUMBER.....AD657820
INSTR...AF-61/052/00951
PROJECT/TASK.....9782/02

AFOSR 67-1984
FULMEN RESEARCH INSTITUTE LTD
HEAT OF FORMATION AND TRANSITION TEMPERATURES OF SOLID LITHIUM HEXAFLUOROALUMINATE
TRANSACTIONS OF THE FARADAY SOCIETY V63 N543 PT1 PP613-6 MARCH 1967
BY GROSS P
GREENE P D
HAYMAN C
DAR ACCESS NO.....007570-004
DOC NUMBER.....AD657785
INSTR...AF-61/052/00947
PROJECT/TASK.....3814/17

AFOSR 67-1985
FULMEN RESEARCH INSTITUTE
HEATS OF FORMATION OF THE FLUOBORATES OF LITHIUM SODIUM AND POTASSIUM
TRANSACTIONS OF THE FARADAY SOCIETY V63 N548 PT8 PP317-321 FEB 1966
BY GROSS P
HAYMAN C
JOEL H A
DAR ACCESS NO.....017490-001
DOC NUMBER.....AD657786
INSTR...AF-61/052/00863
PROJECT/TASK.....9713/02

AFOSR 67-1986
ARMOUR RESEARCH LABORATORIES INC
KINETICS OF THE ATTACK OF HIGH-TEMPERATURE MOLYBDENUM AND TUNGSTEN BY ATOMIC OXYGEN
J ELECTROCHEM SOC V114 N4 PP305-314 APR 1967
BY ROSNER D E
ALLENDORF H D
DAR ACCESS NO.....018031-001
DOC NUMBER.....AD657739
INSTR...AF-49/638/01637
PROJECT/TASK.....9750/02

AFOSR 67-1987
IIT RESEARCH INSTITUTE
POLYFLUORINATED AROMATIC ESTERS PREPARATION AND CARBONYL STRETCHING FREQUENCIES
CAN J CHEM V44 PP2385-2389 1966
BY FILLER R
WHITE J F
KACHAREK A J
SOLOMON I J
DAR ACCESS NO.....018930-006
DOC NUMBER.....AD657720
INSTR...AF-49/638/01178
PROJECT/TASK.....9713/02

AFOSR 67-1988
UNIVERSITY OF TEXAS
THE PHYSICS OF METASTABLE SYSTEMS FINAL REPORT MAY 1967
BY ROBERTSON W W
DAR ACCESS NO.....005305-003
DOC NUMBER.....AD657805
INSTR...AF-AFOSR-0273-66
PROJECT/TASK.....9750/02

AFOSR 67-1989
UNIVERSITY OF LUND
KINETIC AND EQUILIBRIUM STUDIES OF THE THERMAL DECOMPOSITION OF 2-METHYL-2-PROPANOL
ACTA CHEM SCAND V21 N2 PP565-571 1967
BY SUNNER S
THUREN S A
DAR ACCESS NO.....011581-002
DOC NUMBER.....AD657761
INSTR...AF-EOAR -0036-66
PROJECT/TASK.....9750/02

AFOSR 67-1990
UNIVERSITY OF MANCHESTER
FIRST LIMIT OF THE HYDROGEN AND OXYGEN REACTION IN VESSELS COATED WITH BARIUM BROMIDE
TRANS FARADAY SOC N534 V63 PT6 PP1385-1393 JUN 1967
BY HOWSON A C
SIMMONS N F
DAR ACCESS NO.....010940-003
DOC NUMBER.....AD657737
INSTR...AF-EOAR -0048-62
PROJECT/TASK.....9750/02

AFOSR 67-1991
IIT RESEARCH INSTITUTE
REACTIONS OF DIFLUORAMINE WITH LEWIS ACIDS
ADVANCES IN CHEMISTRY SERIES N54 ADVANCED PROPELLANT CHEMISTRY PP181-187 1966
BY KEITH J N
DOUTHART R J
SUMIDA W K
SOLOMON I J
DAR ACCESS NO.....015930-007
DOC NUMBER.....AD657650
INSTR...AF-49/638/01175
PROJECT/TASK.....3818/50

AFOSR 67-1992
UNIVERSITY OF MICHIGAN
GENERALIZED PRANDTL-MEYER WAVES IN RELAXATION HYDRODYNAMICS
QUART APPL MATH 25 N2 PP187-192 JUL 67
BY CARRUS N
DAR ACCESS NO.....011760-003
DOC NUMBER.....AD657766
INSTR...AF-AFOSR-0020-63
PROJECT/TASK.....9749/01

AFOSR 67-1993
FULMEN RESEARCH INSTITUTE LTD
HEATS OF FORMATION OF BORON NITRIDE AND BORON FLUORIDE
PHOC BRIT CERAM SOC NR PP39-50 JUN 1967
BY GROSS P
HAYMAN C
STUART M C
DAR ACCESS NO.....007570-005
DOC NUMBER.....AD657664
INSTR...AF-61/052/00867
PROJECT/TASK.....3814/17

AFOSR 67-1994
UNIVERSITY OF DURHAM
RARE EARTH COMPOUNDS
PROPRIETES THERMODYNAMIQUES PHYSIQUES ET STRUCTURALES DES DERIVES SEMI-METALLIQUES - CRNS PP357-360 1967
BY KENNETH N R
TAYLOR M J
JAMAY J D
THOMPSON
DAR ACCESS NO.....013580-003
DOC NUMBER.....AD657686
INSTR...AF-EOAR -0079-63
PROJECT/TASK.....9763/02

AFOSR 67-1995
AEROCHEM RESEARCH LABS INC
NO + O CHEMILUMINESCENT REACTION USING ADIABATICALLY EXPANDED NITRIC OXIDE
J CHEM PHYS V46 NR PP3275-3276 15 APR 1967
OAR ACCESS NO.....009781-002
BY PONTIJN A
ROSNER D E
DDC NUMBER.....AD657657
INSTR...AF-49(638)-01684
PROJECT/TASK.....9750/02

AFOSR 67-1996
UNIVERSITY OF OKLAHOMA
SOME LIMIT THEOREMS FOR ORDINARY DIFFERENTIAL SYSTEMS
J DIFFERENTIAL EQUATIONS V3 N3 PP433-439 JUL 67
OAR ACCESS NO.....008233-002
BY REID W T
DDC NUMBER.....AD657684
INSTR...AF-AFOSR-0749-65
PROJECT/TASK.....9749/02

AFOSR 67-1997
POLYTECHNIC INSTITUTE OF BROOKLYN
FURTHER EXPERIMENTAL RESULTS FOR THREE-DIMENSIONAL FREE JETS
AIAA J V5 N5 PP885-891 MAY 1967
OAR ACCESS NO.....019521-006
BY TRENTACOSTE N
SFORZA P
DDC NUMBER.....AD657723
INSTR...AF-49(638)-01623
PROJECT/TASK.....9781/01

AFOSR 67-1998
HERNER AND COMPANY
SYSTEM DESIGN EVALUATION AND COSTING--IN PLAIN ENGLISH
OAR ACCESS NO.....012041-001
BY HERNER S
DDC NUMBER.....AD657788
INSTR...AF-49(638)-01624
PROJECT/TASK.....9769/01

AFOSR 67-1999
ATLANTIC RESEARCH CORPORATION
THE DEFLAGRATION OF HYDRAZINE DIPERCHLORATE
COMBUST FLAME V11 N2 PP141-149 APR 1967
OAR ACCESS NO.....017080-004
BY MCHALE E T
ADAMS S J
VONELBE G
LEVY J B
DDC NUMBER.....AD657728
INSTR...AF-49(638)-01169
PROJECT/TASK.....9713/01

AFOSR 67-2000
GENERAL APPLIED SCIENCE LABORATORIES INC
PLANAR FREE TURBULENT MIXING WITH AN AXIAL PRESSURE GRADIENT
FLUIDS ENG CONF AM SOC MECH ENGRS CHICAGO ILL 8-11 MAY 1967
OAR ACCESS NO.....008141-002
BY SCHETZ J A
JANNONE J
INSTR...AF-49(638)-01503
PROJECT/TASK.....9711/01

AFOSR 67-2001
SYSTEM RESEARCH LTD
CYBERNETICS AND EDUCATION
CONGRESS INTERNATIONAL ASSOC CYBERNETICS 5TH NAMUR BELGIUM SEPT 1967
OAR ACCESS NO.....012691-001
BY PASK G
DDC NUMBER.....AD657806
INSTR...F61052-67-C-0010
PROJECT/TASK.....9769/04

AFOSR 67-2002
TECHNION ISRAEL INSTITUTE OF TECHNOLOGY
SUPERPARAMAGNETIC BEHAVIOR OF SOLIDS AT LIQUID HELIUM TEMPERATURES FINAL REPORT FEB 1967
OAR ACCESS NO.....012700-010
BY HIRSCH A A
DDC NUMBER.....AD657804
INSTR...AF-EOAR -0071-65
PROJECT/TASK.....9763/02

AFOSR 67-2003
HERNER AND COMPANY
COMPOSITION COPYING AND SEMI-MECHANIZED FILING AND SEARCHING DEVICES
OAR ACCESS NO.....012081-002
BY HERNER S
DDC NUMBER.....AD657734
INSTR...AF-49(638)-01624
PROJECT/TASK.....9769/01

AFOSR 67-2004
UNIVERSITY OF CALIFORNIA
THE EFFECT OF NON-EQUILIBRIUM COMBUSTION ON PROPELLANT PERFORMANCE
TS-67-3 JULY 1967
OAR ACCESS NO.....025650-001
BY SAWYER R F
DDC NUMBER.....AD657791
INSTR...AF-AFOSR-1256-67
PROJECT/TASK.....9753/02

AFOSR 67-2005
HERNER AND COMPANY
THE PLACE OF THE SMALL LIBRARY IN THE NATIONAL NETWORK
J CHEM DOC V6 N3 PP171-173 AUG 1966
OAR ACCESS NO.....012081-003
BY HERNER S
DDC NUMBER.....AD657736
INSTR...AF-49(638)-01624
PROJECT/TASK.....9769/01

AFOSR 67-2006
GENERAL ELECTRIC COMPANY
RESEARCH PROGRAMS FOR ALERTING DETECTION AND IDENTIFICATION OF PATHOGENS FINAL REPORT JULY 1967
OAR ACCESS NO.....019631-001
BY GOULD J M
FICO R M
NITRUKA B M
SMITH J E
ALEXANDER M
DDC NUMBER.....AD819654
INSTR...AF-49(638)-01737
PROJECT/TASK.....9777/01

AFOSR 67-2007
UNIVERSITY OF OREGON
DISCRIMINABILITY OF STIMULI VARYING IN PHYSICAL AND RETINAL ORIENTATION
J EXPTL PSYCHOL V74 N2 PT1 PP149-157 1967
OAR ACCESS NO.....019730-002
BY ATTNEAVE F
OLSON R K
DDC NUMBER.....AD657849
INSTR...AF-AFOSR-0973-66
PROJECT/TASK.....9778/01

AFOSR 67-2008
GUSTAVUS ADOLPHUS COLLEGE
PERCEPTION AND JUDGMENT IN THE POLITICAL EXTREMIST
J COMMUN V17 N2 PP130-141 JUN 1967
OAR ACCESS NO.....011190-009
BY WHITTAKER J O
DDC NUMBER.....AD657862
INSTR...AF-AFOSR-0188-67
PROJECT/TASK.....9779/02

AFOSR 67-2009
STANFORD UNIVERSITY
A SHEAR-FREE TURBULENT BOUNDARY LAYER
J FLUID MECH V28 PT4 PP803-821 1967
OAR ACCESS NO.....001462-006
BY UZKAN T
REYNOLDS W C
DDC NUMBER.....AD657648
INSTR...AF-49(638)-01278
PROJECT/TASK.....9781/02

AFOSR 67-2010
OREGON STATE UNIVERSITY
MECHANISMS OF REACTIONS OF THIOLSULFINATES /SULFENIC ANHYDRIDES/ I THE THIOLSULFINATE-SULFINIC ACID REACTION
J AM CHEM SOC V89 N14 PP3557-3565 5 JUL 1967
OAR ACCESS NO.....011821-010
BY RICE J L
VENIER C G
HEASLEY L
DDC NUMBER.....AD657659
INSTR...AF-AFOSR-0106-65
PROJECT/TASK.....9762/03

AFOSR 67-2011
GENERAL DYNAMICS CORPORATION
INTERMOLECULAR POTENTIAL ENERGIES BY A MOLECULAR BEAM SCATTERING METHOD
GDC-DDE-67-017 MAY 1967
OAR ACCESS NO.....020760-001
BY ROTHE E W
DDC NUMBER.....AD657784
INSTR...AF-49(638)-01730
PROJECT/TASK.....9750/01

AFOSR 67-2012
UNIVERSITY OF MILAN
BRAIN STEM SYSTEMS AND BEHAVIOR FINAL REPORT JULY 1967
OAR ACCESS NO.....012933-001
BY BARTORELLI C
ZANCHETTI A
DDC NUMBER.....AD657824
INSTR...AF-EOAR -0047-66
PROJECT/TASK.....9777/01

AFOSR 67-2013
NATIONAL BUREAU OF STANDARDS
THE HEATS OF COMBUSTION OF POLYTETRAFLUOROETHYLENE /TEFLON/ AND GRAPHITE IN ELEMENTAL FLUORIDE
J RES NATL BUR STD PHYS CHEM V71A N2 PP105-118 MAR APR 1967
OAR ACCESS NO.....500310-019
BY DUNALSKI E S
ARMSTRONG G T
DDC NUMBER.....AD657733
INSTR...ISSA -00008-65
PROJECT/TASK.....9713/02

AFOSR 67-2014
NATIONAL BUREAU OF STANDARDS
MEASURED RELATIVE ENTHALPY OF ANHYDROUS CRYSTALLINE ALUMINUM TRIFLUORIDE FROM 273 TO 1173 DEGREES K AND DERIVED THERMODYNAMIC PROPERTIES FROM 273 TO 1600 DEGREES K
J RES NATL BUR STD PHYS CHEM V71A N3 PP185-193 MAY-JUN 1967
OAR ACCESS NO.....500310-020
BY DOUGLAS T B
DITMARS D A
DDC NUMBER.....AD657732
INSTR...ISSA -00008-65
PROJECT/TASK.....9713/02

AFOSR 67-2015
NATIONAL BUREAU OF STANDARDS
RELATIVE ENTHALPY OF BERYLLIUM I 1-ALUMINATE FROM 273 TO 1173 DEGREES THERMODYNAMIC PROPERTIES FROM 273 TO 2150 DEGREES
J RES NATL BUR STD PHYS CHEM V71A N2 PP89-95 MAR APR 1967

BY DITMARS D A
DOUGLAS T B

OAR ACCESS NO.....600310-021
DDC NUMBER.....AD657677
INSTR...ISSA -00008-65
PROJECT/TASK.....9713/02

AFOSR 67-2016
NATIONAL BUREAU OF STANDARD
RELATIVE ENTHALPY OF BERYLLIUM I 3-ALUMINATE FROM 273 TO 1173DEGREES THERMODYNAMIC PROPERTIES FROM 273 TO 2150 DEGREES K
J RES NAT BUR STD PHYS CHEM V71A N2 PP97-103 MAR APR 1967

BY DITMARS D A
DOUGLAS T B

OAR ACCESS NO.....600310-022
DDC NUMBER.....AD657678
INSTR...ISSA -00008-65
PROJECT/TASK.....9713/02

AFOSR 67-2017
NATIONAL BUREAU OF STANDARDS
THE HEAT OF FORMATION OF BORON TRIFLUORIDE BY DIRECT COMBINATION OF THE ELEMENTS
J RES NATL BUR STD PHYS CHEM V71A N3 PP195-202 MAY-JUN 1967

BY DOMALSKI E S
ARMSTRONG G T

OAR ACCESS NO.....600310-023
DDC NUMBER.....AD657731
INSTR...ISSA -00008-65
PROJECT/TASK.....9713/02

AFOSR 67-2018
CARNEGIE INSTITUTE OF TECHNOLOGY
TOWARD ECONOMICAL REMOTE COMPUTER ACCESS

BY GOLD M M
SELWYN L L

OAR ACCESS NO.....022900-014
DDC NUMBER.....AD657783
INSTR...SD -146
PROJECT/TASK.....9718/00

AFOSR 67-2019
HERNER AND COMPANY
APPLICATION OF AUTOMATIC LITERATURE ANALYSIS TECHNIQUES TO PSYCHIATRIC INTERVIEWS

BY HERNER S
SEGAL M A
LEYMAN E

OAR ACCESS NO.....012081-004
DDC NUMBER.....AD657789
INSTR...AF-49/638/01424
PROJECT/TASK.....9769/01

AFOSR 67-2020
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J INORG NUCL CHEM V29 PP1399-1409 1967

BY WILLIAMS J R
WENDLANDT W W

OAR ACCESS NO.....020001-003
DDC NUMBER.....AD657645
INSTR...AF-AFOSR-1190-67
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A GENERAL FORMULATION AND SOLUTION OF CHEMICAL RATE EQUATIONS FOR USE IN NON-EQUILIBRIUM COMBUSTION STUDIES
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BY PURGALIS P
SAWYER R F

OAR ACCESS NO.....025450-002
DDC NUMBER.....AD658004
INSTR...AF-AFOSR-1256-67
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KANSAS STATE UNIVERSITY
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BY FAN L T
HWANG C L

OAR ACCESS NO.....014031-004
DDC NUMBER.....AD657792
INSTR...AF-AFOSR-0463-66
PROJECT/TASK.....9752/01

AFOSR 67-2023
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INFORMATION NEEDS AND USES IN IENCE AND TECHNOLOGY

BY HERNER S
HERNER M

OAR ACCESS NO.....012081-005
DDC NUMBER.....AD657736
INSTR...AF-49/638/01424
PROJECT/TASK.....9769/01

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SPECTROPHOTOMETRY OF NEW SHORT-PERIOD VARIABLE STARS
ASTROPHYS J V149 N1 PP55-72 JUL 1967

BY OANZIGER I J
DICKENS R J

OAR ACCESS NO.....000581-025
DDC NUMBER.....AD657717
INSTR...AF-49/638/01323
PROJECT/TASK.....9774/01

AFOSR 67-2025
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WATER INSOLUBLE DERIVATIVES OF PROTEINS WITH BIOLOGICAL ACTIVITY FINAL REPORT SEPT 1967

BY KATCHALSKI E

OAR ACCESS NO.....007006-001
DDC NUMBER.....AD657797
INSTR...AF-EOAR -3016-67
PROJECT/TASK.....9777/01

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BY WOOD M P

OAR ACCESS NO.....013418-003
DDC NUMBER.....AD657796
INSTR...AF-EOAR -0011-66
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OAR ACCESS NO.....017810-001
DDC NUMBER.....AD819628
INSTR...AF-AFOSR-0922-65
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BY RYAN N W

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BY ADAMS J B

OAR ACCESS NO.....001793-094
DDC NUMBER.....AD657716
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BY SCHNIDT G C
ELING F E

OAR ACCESS NO.....012913-001
DDC NUMBER.....AD657787
INSTR...AF-AFOSR-0087-66
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BY WOOLCOCK W S

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OAR ACCESS NO.....005833-008
BY GRIFFITHS R B
DDC NUMBER.....AD657681
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OAR ACCESS NO.....010371-002
BY REESE R O
BLACKBURN J H
SEELY L B
EVANS M W
DDC NUMBER.....AD657743
INSTR...AF-49/638/01669
PROJECT/TASK.....9711/01

AFOSR 67-2037
CORNELL UNIVERSITY
ARECIBO IONOSPHERIC OBSERVATORY
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BY TAYLOR D B
DDC NUMBER.....AD659440
INSTR...F44620-67-C-0066
PROJECT/TASK.....2838/10

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BY MACQUEEN R M
DDC NUMBER.....AD664079
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STATE UNIVERSITY OF NEW YORK
INFRARED SPECTRA OF SOLID AND MATRIX-ISOLATED /CHSUB3SUB3N
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PERDEUTEROTRISILYLAMINE AND TRISILYLAMINE/
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OAR ACCESS NO.....007651-004
BY GOLOFARB T D
KHARE B N
DDC NUMBER.....AD657888
INSTR...AF-AFOSR-0277-63
PROJECT/TASK.....9762/02

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OAR ACCESS NO.....007651-005
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DDC NUMBER.....AD657902
INSTR...AF-AFOSR-0277-63
PROJECT/TASK.....9762/02

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DDC NUMBER.....AD657890
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PROJECT/TASK.....9750/02

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OAR ACCESS NO.....009522-004
BY EDWARDS D A
KERR J A
LLOYD A C
TROTMAN-DICKENSON A F
DDC NUMBER.....AD657901
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PROJECT/TASK.....9750/01

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BY TRAUGOTT S C
DDC NUMBER.....AD658209
INSTR...AF-49/638/01726
PROJECT/TASK.....9783/02

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OAR ACCESS NO.....022900-015
BY STANDISH T A
DDC NUMBER.....AD658042
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THE NUMERICAL SOLUTION OF BOUNDARY LAYER PROBLEMS
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SCHETZ J A
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OAR ACCESS NO.....001662-011
BY CHUI G
KLINE S J
DDC NUMBER.....AD666931
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BOUNDARY LAYER TRANSITION ON CONES AND SPHERES AT
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OAR ACCESS NO.....001163-002
BY VAN DRIEST E R
BLUMER C B
DDC NUMBER.....AD660131
INSTR...AF-49/638/01442
PROJECT/TASK.....9781/02

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ARC STRUCTURE IN A MAGNETIC ANNULAR DISCHARGE
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OAR ACCESS NO.....002872-007
BY WORKMAN J B
DDC NUMBER.....AD658050
INSTR...AF-49/638/01483
PROJECT/TASK.....9752/01

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BY HALLEN R M
JOHNSTON J P
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BY NYMAN E M
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OAR ACCESS NO.....000302-003
BY SALTSBURG H
SMITH J N JR
PALMER R L
DDC NUMBER.....AD657898
INSTR...AF-49/638/01435
PROJECT/TASK.....9783/01

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BY MEHTA C L
MANDEL L
DDC NUMBER.....AD657897
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PROJECT/TASK.....9767/02

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OAR ACCESS NO.....018140-002
BY SNYDER L C
TROZZOLO A M
WASSERMAN E
DDC NUMBER.....AD657900
INSTR...AF-EOAR -0001-66
PROJECT/TASK.....9750/01

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NORTHWESTERN UNIVERSITY
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HERRMANN G
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INSTR...AF-AFOSR-0100-66
PROJECT/TASK.....9782/01

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STANFORD UNIVERSITY
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OAR ACCESS NO.....001793-006
DDC NUMBER.....AD657915
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PROJECT/TASK.....9761/01

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MEMBRANE PROBLEMS
INTERN J NON-LINEAR MECH V1 PP169-178 1966
BY GOLDBERG M A
OAR ACCESS NO.....001360-013
DDC NUMBER.....AD657911
INSTR...AF-49/638/01360
PROJECT/TASK.....9782/01

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UNIVERSITY OF CALIFORNIA
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BY ACKMAN P
OAR ACCESS NO.....000930-001
DDC NUMBER.....AD657867
INSTR...AF-AFOSR-0838-67
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HIGH SPEED FLOWS
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BY SANDQUERN J J
OAR ACCESS NO.....012342-002
DDC NUMBER.....AD 57914
INSTR...AF-EOAR -0010-66
PROJECT/TASK.....9783/01

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BY CROWLEY J M
OAR ACCESS NO.....013742-001
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BY ALMARA Y
KASSOY D R
LIGGY P A
OAR ACCESS NO.....013782-001
DDC NUMBER.....AD657920
INSTR...AF-AFOSR-0827-66
PROJECT/TASK.....9711/01

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BY BRADLEY E A
HERRMANN R B
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INSTR...AF-AFOSR-0677-66
PROJECT/TASK.....9781/02

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BY REYNOLDS W C
TIEDERMAN W G
OAR ACCESS NO.....001962-009
DDC NUMBER.....AD657859
INSTR...AF-49/638/01429
PROJECT/TASK.....9761/02

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OAR ACCESS NO.....000760-021
DDC NUMBER.....AD657908
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PROJECT/TASK.....9781/02

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UNIVERSITY OF CALIFORNIA
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OAR ACCESS NO.....
DDC NUMBER.....
INSTR...
PROJECT/TASK.....

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DDC NUMBER.....AD658044
INSTR...F61052-67-C-0014
PROJECT/TASK.....9782/01

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CHEN Y N
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DDC NUMBER.....AD657898
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PROJECT/TASK.....9782/01

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GENERAL DYNAMICS CORPORATION
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BY ROSCISZEWSKI J
OAR ACCESS NO.....018921-006
DDC NUMBER.....AD657887
INSTR...AF-49/638/01586
PROJECT/TASK.....9752/01

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COLLISIONS 5TH NAUKA LENINGRAD 1967 PP642-643
BY HELBING H K B
POTHE E W
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DDC NUMBER.....AD657702
INSTR...AF-49/638/01730
PROJECT/TASK.....9750/01

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OAR ACCESS NO.....016860-001
DDC NUMBER.....AD658205
INSTR...AF-AFOSR-0792-65A
PROJECT/TASK.....8652/00

AFOSR 67-2071
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FROM 0 IS TO 1 8 DEGREES K
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BY WHITNEY W M
CHASE C E
OAR ACCESS NO.....007912-019
DDC NUMBER.....AD657903
INSTR...F44620-67-C-0047
PROJECT/TASK.....9764/01

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STANFORD UNIVERSITY
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BY TSAI C S
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OAR ACCESS NO.....004663-005
DDC NUMBER.....AD657891
INSTR...AF-49/638/01429
PROJECT/TASK.....9760/02

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BY LACKNER K
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AFOSR 67-2074
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ANIMAL SONAR SYSTEM BIOLOGY AND BIONICS VOLUMES 1 AND 2
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VILLA FALCONIERI FRASCATI ITALY 26 SEPT 1966-3 OCT 1966
BY BUSNEL R G
OAR ACCESS NO.....022600-001
DDC NUMBER.....AD656740
INSTR...AF-EOAR -0049-66
PROJECT/TASK.....9777/01

AFOSR 67-2075
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BY FREDERICKS W J
OAR ACCESS NO.....011811-002
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AFOSR 67-2035
YESHIVA UNIVERSITY
FIRST-ORDER PHASE TRANSITIONS IN SPIN-ONE ISING SYSTEMS
PHYSICA V33 PP689-690 1967
OAR ACCESS NO.....005833-008
BY GRIFFITHS R B
DDC NUMBER.....AD657651
INSTR...AF-AFOSR-0508-66
PROJECT/TASK.....9767/01

AFOSR 67-2036
STANFORD RESEARCH INSTITUTE
LONGITUDINAL SOUND VELOCITIES OF GRANULAR COMPACTS OF AMMONIUM PERCHLORATE AND POTASSIUM CHLORIDE
COMBUST FLAME V11 N3 PP262-264 JUN 1967
OAR ACCESS NO.....010371-002
BY REESE B O
BLACKBURN J H
SEELY L B
EVANS M W
DDC NUMBER.....AD657743
INSTR...AF-49/638/01669
PROJECT/TASK.....9711/01

AFOSR 67-2037
CORNELL UNIVERSITY
ARECIBO IONOSPHERIC OBSERVATORY
JULY 1967
OAR ACCESS NO.....500081-001
BY TAYLOR D W
DDC NUMBER.....AD659440
INSTR...F44620-67-C-0066
PROJECT/TASK.....2838/70

AFOSR 67-2038
JOHNS HOPKINS UNIVERSITY
INFRARED OBSERVATIONS OF THE OUTER SOLAR CORONA FINAL REPORT OCT 1967
OAR ACCESS NO.....000133-001
BY MACQUEEN R M
DDC NUMBER.....AD664079
INSTR...AF-49/638/01632
PROJECT/TASK.....9767/02

AFOSR 67-2040
STATE UNIVERSITY OF NEW YORK
INFRARED SPECTRA OF SOLID AND MATRIX-ISOLATED /CHSUB3SUB3N AND /$1MSUB3SUB3N /TRIMETHYLAMINE PERDEUTEROTRISILYLAMINE AND TRISILYLAMINE/
J CHEM PHYS V46 N9 PP3379-3384 1 MAY 1967
OAR ACCESS NO.....007651-004
BY GOLOFARB T O
KHARE B N
DDC NUMBER.....AD657888
INSTR...AF-AFOSR-0277-63
PROJECT/TASK.....9762/02

AFOSR 67-2041
STATE UNIVERSITY OF NEW YORK
INFRARED STUDIES OF DIMETHYLSILYLAMINE AND METHYLDISILYLAMINE BY THE MATRIX-ISOLATION TECHNIQUE
J CHEM PHYS V46 N9 PP3384-3388 1 MAY 1967
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KHARE B N
DDC NUMBER.....AD657902
INSTR...AF-AFOSR-0277-63
PROJECT/TASK.....9762/02

AFOSR 67-2042
AEROCHEM RESEARCH LABS INC
ON LIQUID DROPLET COMBUSTION AT HIGH PRESSURES
AIAA J V5 N1 PP183-186 JAN 1967
OAR ACCESS NO.....009751-003
BY ROSNER D E
DDC NUMBER.....AD657890
INSTR...AF-49/638/01654
PROJECT/TASK.....9750/02

AFOSR 67-2043
UNIVERSITY COLLEGE OF WALES
HYDROGEN-ABSTRACTION REACTIONS BY ETHYL RADICALS FROM METHYLAMINES AND HYDRAZINE
J CHEM SOC SECTA PP1500-1503 1966
OAR ACCESS NO.....009522-004
BY EDWARDS D A
[illegible] J [illegible]
LLOYD A C
TROTMAN-DICKENSON A F
DDC NUMBER.....AD657901
INSTR...AF-EOAR -0023-63
PROJECT/TASK.....9750/01

AFOSR 67-2044
MARTIN MARIETTA CORPORATION
ON GREY ABSORPTION COEFFICIENTS IN RADIATIVE TRANSFER
J OF QUANTITATIVE SPECTROSCOPY AND RADIATIVE TRANSFER, V8 PP971-999 1968
OAR ACCESS NO.....022600-001
BY TRAUGOTT S C
DDC NUMBER.....AD658209
INSTR...AF-49/638/01726
PROJECT/TASK.....9783/02

AFOSR 67-2045
CARNEGIE INSTITUTE OF TECHNOLOGY
A DATA DEFINITION FACILITY FOR PROGRAMMING LANGUAGES
OAR ACCESS NO.....022900-015
BY STANDISH T A
DDC NUMBER.....AD658042
INSTR...SD -146
PROJECT/TASK.....9718/00

AFOSR 67-2046
UNIVERSITY OF MARYLAND
THE NUMERICAL SOLUTION OF BOUNDARY LAYER PROBLEMS
PROC 1968 HEAT TRANSFER AND FLUID MECHANICS INST L V OF WASHINGTON 16-17 JUN 1968 PP137-150 1968
OAR ACCESS NO.....022660-001
BY LUBARD S C
SCHETZ J A
DDC NUMBER.....AD824107
INSTR...AF-AFOSR-1228-67
PROJECT/TASK.....9711/01

AFOSR 67-2047
STANFORD UNIVERSITY
INVESTIGATION OF A TWO-DIMENSIONAL FULLY STALLED TURBULENT FLOW FIELD
MD-19 AUG 1967
OAR ACCESS NO.....001482-011
BY CHUI G
KLINE S J
DDC NUMBER.....AD666931
INSTR...AF-49/638/01278

AFOSR 67-2048
NORTH AMERICAN ROCKWELL CORP
BOUNDARY LAYER TRANSITION ON CONES AND SPHERES AT SUPERSONIC SPEEDS-EFFECTS OF ROUGHNESS AND COOLING
C7-2007/020 JULY 1967
OAR ACCESS NO.....001153-002
BY VAN DRIEST E R
BLUMER C B
DDC NUMBER.....AD660131
INSTR...AF-49/638/01462
PROJECT/TASK.....9781/02

AFOSR 67-2049
AVCO EVERETT RESEARCH LABORATORY
ARC STRUCTURE IN A MAGNETIC ANNULAR DISCHARGE
RESEARCH REPORT 277 JUNE 1967
OAR ACCESS NO.....002272-007
BY WORKMAN J B
DDC NUMBER.....AD658050
INSTR...AF-49/638/01483
PROJECT/TASK.....9752/01

AFOSR 67-2050
STANFORD UNIVERSITY
THE INFLUENCE OF ROTATION ON FLOW IN A LONG RECTANGULAR CHANNEL - AN EXPERIMENTAL STUDY
REPORT MD-18 MAY 1967
OAR ACCESS NO.....001462-007
BY HALLEN R M
JOHNSTON J P
DDC NUMBER.....AD658055
INSTR...AF-49/638/01278
PROJECT/TASK.....9781/02

AFOSR 67-2051
STANFORD UNIVERSITY
MAGNETIC MOMENTS AND PION CURRENTS IN NUCLEAR MATTER
NUCL PHYS B1 PP535-550 1967
OAR ACCESS NO.....001793-097
BY NYMAN E M
DDC NUMBER.....AD657885
INSTR...AF-49/638/01389
PROJECT/TASK.....9751/01

AFOSR 67-2052
GENERAL DYNAMICS CORP
SCATTERING OF MOLECULAR BEAMS OF HE DSUB2 AND HSUB2 FROM THE /111/ PLANE OF AG
RAREFIED GAS DYN 5TH SYMP V1 PP223-238 1967
OAR ACCESS NO.....000302-003
BY SALTSBURG H
SMITH J N JR
PALMER R L
DDC NUMBER.....AD657805
INSTR...AF-49/638/01435
PROJECT/TASK.....9783/01

AFOSR 67-2053
UNIVERSITY OF ROCHESTER
SOME PROPERTIES OF HIGHER ORDER COHERENCE FUNCTIONS
ELECTROMAGNETIC WAVE THEORY PROC SYMP DELFT THE NETHERLANDS SEPTEMBER 1965 PP1069-1075 1967
OAR ACCESS NO.....018030-006
BY MEHTA C L
MANDEL L
DDC NUMBER.....AD657897
INSTR...AF-49/638/01532
PROJECT/TASK.....9767/02

AFOSR 67-2054
UNIVERSITA DEGLI STUDI DI PADOVA
TRANSIENT FREE RADICALS
SCIENCE V154 N3750 PP802-806 11 NOV 1966
OAR ACCESS NO.....018140-002
BY SNYDER L C
TROZZOLO A M
WASSERMAN E
DDC NUMBER.....AD657900
INSTR...AF-EOAR -0001-66
PROJECT/TASK.....9750/01

AFOSR 67-2055
NORTHWESTERN UNIVERSITY
STABILITY OF AN ELASTIC RING IN A RIGID CAVITY
J APPL MECH PP263-270 JUN 1967
OAR ACCESS NO.....012244-003
BY ZAGUSTIN E A
HERRMANN G
DDC NUMBER.....AD657707
INSTR...AF-AFOSR-0100-66
PROJECT/TASK.....9782/01

AFOSR 67-2076
GENERAL DYNAMICS CORPORATION
STABILIZATION OF HELICAL MODES BY MAGNETIC WELLS
PHYS FLUIDS V10 N2 PP469-470 FEB 1967
OAR ACCESS NO.....019331-003
BY FOWLER T K
DDC NUMBER.....AD657892
INSTR...AF-49/638/01546
PROJECT/TASK.....9752/01

AFOSR 67-2077
TECHNICAL UNIVERSITY
INVESTIGATION ON THE NONELASTIC BEHAVIOR OF THE UPPER MANTLE
20 FEBRUARY 1967
OAR ACCESS NO.....017480-003
BY MUELLER S
FUCHS K
DDC NUMBER.....AD658047
INSTR...AF-61/052/00861
PROJECT/TASK.....9714/00

AFOSR 67-2078
COLUMBIA UNIVERSITY
NUMERICAL EXPERIMENTS OF MAGNETOHYDRODYNAMIC SHOCKS AND THE STABILITY OF SWITCH-ON SHOCKS
PHYS FLUIDS V10 N2 PP249-256 FEB 1967
OAR ACCESS NO.....009583-005
BY CHU C K
TAUSSIG R T
DDC NUMBER.....AD658253
INSTR...AF-49/638/01634
PROJECT/TASK.....9752/01

AFOSR 67-2079
COLUMBIA UNIVERSITY
EXPERIMENTAL STUDY OF NORMAL IONIZING SHOCK WAVES
PHYS FLUIDS V10 N1 PP9-16 JAN 1967
OAR ACCESS NO.....009582-018
BY MILLER H
DDC NUMBER.....AD658273
INSTR...AF-49/638/01256
PROJECT/TASK.....9752/01

AFOSR 67-2080
UNIVERSITY OF CALIFORNIA
SOME RESULTS CONCERNING THE ZERO-CROSSINGS OF GAUSSIAN NOISE
SIAM J APPL MATH V14 N6 PP1246-1254 NOVEMBER 1966
OAR ACCESS NO.....008704-022
BY WONG E
INSTR...AF-AFOSR-0139-65
PROJECT/TASK.....9751/00

AFOSR 67-2080
UNIVERSITY OF CALIFORNIA
SOME RESULTS CONCERNING THE ZERO-CROSSINGS OF GAUSSIAN NOISE
SIAM J APPL MATH V14 N6PP1246-1254 NOVEMBER 1966
OAR ACCESS NO.....008704-024
BY WONG E
DDC NUMBER.....AD653224
INSTR...AF-AFOSR-0139-65
PROJECT/TASK.....9751/00

AFOSR 67-2081
UNIVERSITY OF CALIFORNIA
HALL EFFECT IN DIELECTRIC MEDIA MICROWAVE X-HAND FARADAY ROTATION OF WATER ADSORBED ON HEMOGLOBIN
J APPL PHYSICS V38 N2 PP613-618 FEBRUARY 1967
OAR ACCESS NO.....008705-004
BY CHAI S Y
VOGELHUT P O
DDC NUMBER.....AD658266
INSTR...AF-AFOSR-0139-66
PROJECT/TASK.....9751/00

AFOSR 67-2082
COLUMBIA UNIVERSITY
THE HIGH MACH NUMBER RAYLEIGH PROBLEM ACCORDING TO THE KROOK MODEL
RAREFIED GAS DYN SIM SYMP V1 PP589-605 1967
OAR ACCESS NO.....009583-006
BY CHU C K
DDC NUMBER.....AD658256
INSTR...AF-49/638/01634
PROJECT/TASK.....9752/01

AFOSR 67-2083
CALIFORNIA INSTITUTE OF TECHNOLOGY
EARTHS VISCOSITY
VISI N3708 PP321-322 21 JAN 1966
OAR ACCESS NO.....012342-030
BY ANDERSON D L
DDC NUMBER.....AD658268
INSTR...AF-49/638/01337
PROJECT/TASK.....8652/00

AFOSR 67-2084
CALIFORNIA INSTITUTE OF TECHNOLOGY
SPECTRUM OF SHORT-PERIOD CORE PHASES IN RELATION TO THE ATTENUATION IN THE MANTLE
JOURNAL OF GEOPHYSICAL RESEARCH V72 N8 PP2191-2196 15 APR 1967
OAR ACCESS NO.....012342-031
BY KANAMORI H
INSTR...AF-49/638/01337
PROJECT/TASK.....8652/00

AFOSR 67-2085
UNIVERSITY OF CALIFORNIA
PARAMETRIC PHENOMENA AS APPLIED TO VIBRATION ISOLATORS AND MECHANICAL AMPLIFIERS
J SOUND VIB V6 N3 PP489-498 1967
OAR ACCESS NO.....013721-006
BY HODGENS P W
DDC NUMBER.....AD658942
INSTR...AF-49/638/01506
PROJECT/TASK.....8652/00

AFOSR 67-2086
UNIVERSITY OF CALIFORNIA
THE GROWTH AND ETCHING OF SILICON THROUGH WINDOWS IN SILICON OXIDE
J OF THE ELECTROCHEM SOCIETY V114 N4 PP381-388 APRIL 1967
OAR ACCESS NO.....008704-023
BY OLDHAM W G
HOLMSTROM R
DDC NUMBER.....AD658248
INSTR...AF-AFOSR-0139-65
PROJECT/TASK.....9751/00

AFOSR 67-2087
UNIVERSITY OF CALIFORNIA
ELLIPSOMETRY USING A RETARDATION PLATE AS COMPENSATOR
OPTICAL SOCIETY OF AMER V57 N5 PP617-624 MAY 1967
OAR ACCESS NO.....008705-005
BY OLDHAM W G
DDC NUMBER.....AD658247
INSTR...AF-AFOSR-0139-66
PROJECT/TASK.....9751/00

AFOSR 67-2088
UNIVERSITY OF CALIFORNIA
STRUCTURE AND PROPERTIES OF LIQUID WATER
J OF CHEM PHYSICS V45 N12 P4719-4724 15 DECEMBER 1966
OAR ACCESS NO.....008705-006
BY ORENTLICHER M
VOGELHUT P O
DDC NUMBER.....AD658245
INSTR...AF-AFOSR-0139-66
PROJECT/TASK.....9751/00

AFOSR 67-2089
GENERAL DYNAMICS CORPORATION
LANDAU DAMPING AND GROWTH OF ELECTROSTATIC MODES WITH EFFECTS OF SPATIAL VARIATION
PHYS OF FLUIDS V10 N1 PP198-203 JAN 1967
OAR ACCESS NO.....019331-004
BY HOOK D L
DDC NUMBER.....AD658259
INSTR...AF-49/638/01546
PROJECT/TASK.....9752/01

AFOSR 67-2090
TEXAS INSTRUMENTS INC
NEAR SURFACE DISPERSION STUDIES AT TONTO FOREST SEISMOLOGICAL OBSERVATORY
BULL SEIS SOC AM V57 N3 PP311-340 JUN 67
OAR ACCESS NO.....016020-003
BY LINVILLE A F
LASTER S J
DDC NUMBER.....AD658274
INSTR...AF-49/638/01248
PROJECT/TASK.....8652/00

AFOSR 67-2091
UNIVERSITY OF COLORADO
TRANSITION PROBABILITIES OF THE HYDROGEN ATOM FROM NONCOMPACT DYNAMICAL GROUPS
THE PHYSICAL REVIEW V156 N5 PP1541-1545 25 APRIL 1967
OAR ACCESS NO.....013091-008
BY BARUT A O
KLEINERT H
DDC NUMBER.....AD658239
INSTR...AF-AFOSR-0030-65
PROJECT/TASK.....9751/01

AFOSR 67-2092
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
P-WAVE VELOCITIES IN THE MANTLE BELOW 700 KM
BULL SEIS SOC AM V57 N2 PP199-226 APR 67
OAR ACCESS NO.....020510-004
BY CHINNERY M A
TOKSOZ M N
DDC NUMBER.....AD658257
INSTR...AF-49/638/01632

AFOSR 67-2093
CATHOLIC UNIVERSITY OF AMERICA
SOLAR NEUTRINOS FROM THE PROTON - HELIUM THREE REACTION
PHYS REV V157 N4 PP759-763 MAY 67
OAR ACCESS NO.....019092-002
BY BERNIZ C W
KHENNAN J G
DDC NUMBER.....AD658265
INSTR...AF-AFOSR-0565-66
PROJECT/TASK.....9751/02

AFOSR 67-2094
CONSEJO NACIONAL DE INVESTIGACIONES CIENTIFICAS
THE SECRETORY CYCLE OF SUPRAOPTIC NEURONS IN THE RAT A STRUCTURAL-FUNCTIONAL CORRELATION
ZEITSCHRIFT FUR ZELLFORSCHUNG V73 PP414-431 1966
OAR ACCESS NO.....005735-001
BY ZAMRANO D
MORENTIS E O
DDC NUMBER.....AD658276
INSTR...AF-AFOSR-0963-65
PROJECT/TASK.....9777/01

AFOSR 67-2095
CONSEJO NACIONAL DE INVESTIGACIONES CIENTIFICAS
NEUROSECRETORY ACTIVITY IN SUPRAOPTIC NUCLEUS OF NORMAL RATS
ZEITSCHRIFT FUR ZELLFORSCHUNG V73 PP405-413 1966
OAR ACCESS NO.....005734-002
BY ZAMBRANO D — DDC NUMBER.....AD658258
MORDOH J — INSTR...AF-AFOSR-0314-64
PROJECT/TASK.....9777/01

AFOSR 67-2096
UNIVERSITY OF CALIFORNIA
THE USE OF CONTENT ANALYSIS FOR EXPLANATORY STUDIES
THE PUBLIC OPINION QUARTERLY V31 PP230-241 SUMMER 1967
OAR ACCESS NO.....020800-002
BY MITCHELL R E
INSTR...AF-AFOSR-1003-66
PROJECT/TASK.....9779/01

AFOSR 67-2097
CONSEJO NACIONAL DE INVESTIGACIONES CIENTIFICAS
ULTRASTRUCTURAL ASPECTS OF THE INHIBITION OF NEUROSECRETION BY PUROMYCIN
ZEITSCHRIFT FUR ZELLFORSCHUNG V76 PP456-470 1967
OAR ACCESS NO.....005735-002
BY ZAMBRANO D — DDC NUMBER.....AD658275
ROBERTIS E D — INSTR...AF-AFOSR-0963-65
PROJECT/TASK.....9777/01

AFOSR 67-2098
UNIVERSITY OF MIAMI
NONPLANAR CYCLOBUTANE-II THE METHYL 3-ISOPROPYLCYCLOBUTANE-CARBOXYLATE SYSTEM
TETRAHEDRON V23 PP3321-3326 1967
OAR ACCESS NO.....012570-004
BY LILLIEN I — DDC NUMBER.....AD658261
DOUGHTY R A — INSTR...AF-AFOSR-0123-63
PROJECT/TASK.....9762/02

AFOSR 67-2099
STANFORD UNIVERSITY
CONFORMATIONAL ENERGY AND CONFIGURATIONAL STATISTICS OF POLY-L-PROLINE
PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES V58 N1 PP52-59 JULY 1967
OAR ACCESS NO.....0103V1-030
BY SCHIMMEL P R — DDC NUMBER.....AD658263
FLORY P J — INSTR...AF-49(638)01341
PROJECT/TASK.....9760/03

AFOSR 67-2100
INSTITUTE FOR ADVANCED STUDY
MASS-SPIN RELATION IN A LAGRANGIAN MODEL
THE PHYSICAL REVIEW V157 N5 PP1471-1472 25 MAY 1967
OAR ACCESS NO.....007783-007
BY BACRY H — DDC NUMBER.....AD658252
NUYTS J — INSTR...AF-AFOSR-0042-65
PROJECT/TASK.....9751/01

AFOSR 67-2101
UNIVERSITY OF MILAN
NEURAL MECHANISMS OF EMOTIONAL BEHAVIOR /GERMAN/
VERHANDLUNGEN DER DEUTSCHEN GESELLSCHAFT FUR KREISLAUFFORSCHUNG V32 PP46-57 1966
OAR ACCESS NO.....012932-004
BY ZANCHETTI A — DDC NUMBER.....AD658299
INSTR...AF-EOAR -0006-65
PROJECT/TASK.....9777/01

AFOSR 67-2102
UNIVERSITY OF MILAN
BRAIN STEM MECHANISMS OF SLEEP
ANESTHESIOLOGY V28 N1 PP81-99 JAN-FEB 1967
OAR ACCESS NO.....012932-005
BY ZANCHETTI A — DDC NUMBER.....AD658297
INSTR...AF-EOAR -0006-65
PROJECT/TASK.....9777/01

AFOSR 67-2103
UNIVERSITY OF CALIFORNIA
STUDY OF EARTH NOISE ON LAND AND SEA BOTTOM
OAR ACCESS NO.....015942-002
BY BRADNER H — DDC NUMBER.....AD810757
GILBERT F — INSTR...AF-49(638)01388
MAUBRICH R — PROJECT/TASK.....8652/00
MUNK W

AFOSR 67-2103
UNIVERSITY OF CALIFORNIA
STUDY OF EARTH NOISE ON LAND AND SEA BOTTOM FINAL REPORT MARCH 1967
OAR ACCESS NO.....021040-001
BY BRADNER H — DDC NUMBER.....AD810757
GILBERT F — INSTR...AF-AFOSR-1007-66
MAUBRICH W — PROJECT/TASK.....8652/00
MUNK W

AFOSR 67-2104
UNIVERSITY OF PITTSBURGH
SYNTHESIS OF TROPINE-LABELED ATROPINE I MICRO METHODS FOR THE SYNTHESIS OF TROPINE AND FOR ITS ESTERIFICATION WITH TROPIC ACID
JOURNAL OF PHARMACEUTICAL SCIENCES V56 N2 PP215-221 FEB 1967
OAR ACCESS NO.....012913-002
BY SCHMIDT G C — DDC NUMBER.....AD658270
ELING T E — INSTR...AF-AFOSR-0087-66
DRACH J C — PROJECT/TASK.....9777/01

AFOSR 67-2105
UNIVERSITY OF PITTSBURGH
DECREASED ATROPINE TOXICITY IN RATS CHRONICALLY EXPOSED TO COLD
SEPT 1967
OAR ACCESS NO.....012913-003
BY KALSER S C — DDC NUMBER.....AD658462
EVANS E — INSTR...AF-AFOSR-0087-66
FORBES E — PROJECT/TASK.....9777/01
KELLY M
KELVINGTON E

AFOSR 67-2106
UNIVERSITY OF PITTSBURGH
EFFECT OF VARYING PERIODS OF COLD EXPOSURE ON THE ACTION AND METABOLISM OF HEXOBARBITAL
SEPT 1967
OAR ACCESS NO.....012913-004
BY KALSER S C — DDC NUMBER.....AD658478
KUNIG R — INSTR...AF-AFOSR-0087-66
PROJECT/TASK.....9777/01

AFOSR 67-2107
UNIVERSITY OF CALIFORNIA
EFFECT OF INNOVAR ON SUBCORTICAL STRUCTURES IN MONKEYS
ACTA ANAESTH SCANDINAV V11 PP109-113 1967
OAR ACCESS NO.....009322-017
BY KAVAN E M — DDC NUMBER.....AD658262
RITE M L — INSTR...AF-49(638)01387
RHODES J M — PROJECT/TASK.....9777/01
ADEY W R

AFOSR 67-2108
CALIFORNIA INSTITUTE OF TECHNOLOGY
STUDY OF THE ENERGY OF THE FREE OSCILLATIONS OF THE EARTH
JOURNAL OF GEOPHYSICAL RESEARCH V72 N8 PP2155-2168 15 APRIL 1967
OAR ACCESS NO.....012342-034
BY KOVACH R L — DDC NUMBER.....AD658271
ANDERSON D L — INSTR...AF-49(638)01337
PROJECT/TASK.....8652/00

AFOSR 67-2109
BRYN MAWR COLLEGE
INTERMODAL EFFECT UPON HAPTIC JUDGMENTS OF DISTANCE
PROCEEDINGS 75TH ANNUAL CONVENTION APA 1967 PP23-24
OAR ACCESS NO.....005562-002
BY DAVIDSON R S — DDC NUMBER.....AD658238
INSTR...AF-AFOSR-0109-63
PROJECT/TASK.....9778/03

AFOSR 67-2110
UNIVERSITY OF COLORADO
CALCULATION OF TRANSITION PROBABILITIES FROM NONCOMPACT DYNAMICAL GROUPS
THE PHYSICAL REVIEW V156 N5 PP1538-1540 25 APRIL 1967
OAR ACCESS NO.....013991-009
BY HARUT A O — DDC NUMBER.....AD658242
INSTR...AF-AFOSR-0030-65
PROJECT/TASK.....9751/01

AFOSR 67-2111
UNIVERSITY OF CALIFORNIA
POLITICS OF MODERNIZATION FINAL REPORT MARCH 1966
OAR ACCESS NO.....018590-014
BY APTER D E — DDC NUMBER.....AD658674
INSTR...AF-AFOSR-0785-65
PROJECT/TASK.....9779/02

AFOSR 67-2112
MASSACHUSETTS GENERAL HOSPITAL
A METHOD FOR RESTRICTING STIMULI TO THE FRONTAL OR LATERAL VISUAL FIELD OF EACH EYE SEPARATELY IN PIGEON
PSYCHON SCI V8 N1 PP15-16 1967
OAR ACCESS NO.....018741-001
BY MELLO N K — DDC NUMBER.....AD658279
INSTR...AF-AFOSR-0544-65
PROJECT/TASK.....9777/01

AFOSR 67-2113
UNIVERSITY OF COLORADO
TENSOR OPERATORS AND MASS FORMULA IN THE MINIMAL EXTENSION OF U-SUB THREE BY CHARGE CONJUGATION
JOURNAL OF MATHEMATICAL PHYSICS V8 N4 PP683-686 APRIL 1967
DAN ACCESS NO.....013091-010
BY BARUT A O — DDC NUMBER.....AD658241
KLEINERT H — INSTR...AF-AFOSR-0030-65
PROJECT/TASK.....9751/01

AFOSR 67-2114
UNIVERSITY OF MICHIGAN
THE ROLE OF THE THALAMUS MEDIAN IN THE ESTABLISHMENT AND THE RETENTION OF CONDITIONED DEFENSES CLASSICAL AND INSTRUMENTAL /FRENCH/
NEUROPSYCHOLOGIA V5 PP237-252 1967
DAN ACCESS NO.....004275-001
BY DELACOUR J — DDC NUMBER.....AD658305
DE MARTINEZ M P S — INSTR...AF-EOAR -0040-67
PROJECT/TASK.....9777/01

AFOSR 67-2115
COLUMBIA UNIVERSITY
SEISMIC EVIDENCE FOR A NEW LAYERED STRUCTURE OF THE EARTHS CORE
GEOPHYSICAL RESEARCH V72 N14 PP3689-3687 15 JULY 1967
DAN ACCESS NO.....011391-002
BY ERGIN K — DDC NUMBER.....AD658364
INSTR...AF-AFOSR-0807-65
PROJECT/TASK.....8652/00

AFOSR 67-2118
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
FLUCTUATING WINDS AND THE OCEAN CIRCULATION
TELLUS V19 N2 PP250-257 1967
DAN ACCESS NO.....003702-003
BY PEDLOSKY J — DDC NUMBER.....AD658276
INSTR...AF-AFOSR-0492-66
PROJECT/TASK.....9749/01

AFOSR 67-2119
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
A THEOREM ON HANDCH FOURIER SERIES ON NONCOMMUTATIVE GROUPS
PACIFIC JOURNAL OF MATHEMATICS V21 N3 PP467-492 1967
DAN ACCESS NO.....000451-020
BY FIGA-TALAMANCA A — DDC NUMBER.....AD658260
RIDER D — INSTR...AF-AFOSR-0335-63
PROJECT/TASK.....9749/02

AFOSR 67-2120
UNIVERSITY OF PITTSBURGH
TROPINE-LABELED ATROPINE METABOLISM IN MAN RADIOISOTOPE LABELED ATROPINE
DAN ACCESS NO.....012913-005
BY KALSER S C — DDC NUMBER.....AD658547
MCLAIN P L — INSTR...AF-AFOSR-0087-66
PROJECT/TASK.....9777/01

AFOSR 67-2121
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
LINEAR THEORY OF ROTATING STRATIFIED FLUID MOTIONS
FLUID MECHANICS V29 PT1 PP1-18 1967
DAN ACCESS NO.....003702-004
BY BARCILON V — DDC NUMBER.....AD658267
PEDLOSKY J — INSTR...AF-AFOSR-0492-66
PROJECT/TASK.....9749/01

AFOSR 67-2122
UNIVERSITY OF CALIFORNIA
SEPARATION OF ZEROS OF THE RIEMANN ZETA-FUNCTION
MATHEMATICS OF COMPUTATION V20 N96 PP523-541 OCT 66
DAN ACCESS NO.....014650-009
BY LEHMAN R S — DDC NUMBER.....AD658256
INSTR...AF-AFOSR-0553-66
PROJECT/TASK.....9749/02

AFOSR 67-2123
NORTHWESTERN UNIVERSITY
A HAND-PRINTED CHARACTER RECOGNITION EXPERIMENT
67-113 AUG 1967
DAN ACCESS NO.....011791-013
BY STEINGRANDT W J — DDC NUMBER.....AD657425
YAU S S — INSTR...AF-AFOSR-0098-65
PROJECT/TASK.....9741/01

AFOSR 67-2124
KINGS COLLEGE
SYNTHESIZING THE WAVEFORMS OF DATA PULSES
LES SYSTEMES SONARS AMERMAR DIDLOGIE ET DIONISOS FRASCATI ITALY SEPTEMBER 1966 PP83-85
DAN ACCESS NO.....017190-001
BY RYE J O — DDC NUMBER.....AD658277
INSTR...AF-61(052)-000876
PROJECT/TASK.....9777/01

AFOSR 67-2125
POLYTECHNIC INSTITUTE OF BROOKLYN
DISORDER IN CRYSTALS
DAN ACCESS NO.....012430-001
BY POST B — DDC NUMBER.....AD625188L
RUDMAN R — INSTR...AF-AFOSR-0248-63
MANOLATOS S — PROJECT/TASK.....9761/03

AFOSR 67-2125
INSTITUTE OF BROOKLYN POLYTECHNIC
DISORDER IN CRYSTALS
DAN ACCESS NO.....012430-002
BY POST B — DDC NUMBER.....AD625188L
RUDMAN R — INSTR...AF-AFOSR-0248-63
MANOLATOS S — PROJECT/TASK.....9761/03

AFOSR 67-2127
JOHNS HOPKINS UNIVERSITY
ON HOMOTOPIC HARMONIC MAPS
CAN J MATH V19 PP673-687 1967
DAN ACCESS NO.....002403-007
BY HARTMAN P — DDC NUMBER.....AD658368
INSTR...AF-49(638)01382
PROJECT/TASK.....9749/02

AFOSR 67-2128
JOHNS HOPKINS UNIVERSITY
ON QUASILINEAR ELLIPTIC FUNCTIONAL-DIFFERENTIAL EQUATIONS
DIFFERENTIAL EQUATIONS & DYNAMICAL SYSTEMS PP393-407
ACADEMIC PRESS INC NEW YORK 1967
DAN ACCESS NO.....002403-008
BY HARTMAN P — DDC NUMBER.....AD658351
INSTR...AF-49(638)01382
PROJECT/TASK.....9749/02

AFOSR 67-2129
CARNEGIE INSTITUTE OF TECHNOLOGY
AN INFORMATION PROCESSING THEORY OF HUMAN DECISION MAKING UNDER UNCERTAINTY AND RISK
27 JULY 1966
DAN ACCESS NO.....022900-016
BY FEIGLEN N V — DDC NUMBER.....AD658488
INSTR...SD -146
PROJECT/TASK.....9719/00

AFOSR 67-2130
NEW YORK UNIVERSITY
A STOCHASTIC MODEL OF MESSAGE INTERCHANGE ON A CHANNEL WITH TRANSMISSION DELAY
IEEE TRANSACTIONS ON COMMUNICATION TECHNOLOGY V15 N3 PP405-412 JUNE 1967
DAN ACCESS NO.....010113-009
BY BHAVY P T — DDC NUMBER.....AD658255
INSTR...AF-AFOSR-0024-65
PROJECT/TASK.....9769/02

AFOSR 67-2131
UNIVERSITY OF MARYLAND
TRANSPORT PHENOMENA IN THE SIMPLE METALS
THE PHYSICAL REVIEW V158 N3 PP672-682 15 JUNE 1967
DAN ACCESS NO.....003333-025
BY PRANGE R E — DDC NUMBER.....AD658272
SACHS A — INSTR...AF-AFOSR-0735-65
PROJECT/TASK.....9751/01

AFOSR 67-2133
UNIVERSITY OF GEORGIA
COMPARATIVE PRONOUNCEABILITY RATINGS /PR/ OF 100 CVCS IN TWO COLLEGE POPULATIONS
PSYCHON SCI V8 N10 PP433-434 1967
DAN ACCESS NO.....022060-002
BY NOBLE C E — DDC NUMBER.....AD658282
INSTR...AF-AFOSR 1099-66
PROJECT/TASK.....9778/01

AFOSR 67-2134
UNIVERSITY OF COLORADO
CURRENT OPERATORS AND MAJORANA EQUATION FOR THE HYDROGEN ATOM FROM DYNAMICAL GROUPS
THE PHYSICAL REVIEW V157 N5 PP1180-1183 25 MAY 1967
DAN ACCESS NO.....013091-011
BY BARUT A O — DDC NUMBER.....AD658240
KLEINERT H — INSTR...AF-AFOSR-0030-65
PROJECT/TASK.....9761/01

AFOSR 67-2135
UNIVERSITY OF ILLINOIS
LIMITING RELATION FOR THE EDDY DIFFUSIVITY CLOSE TO A WALL
AMERICAN INSTITUTE OF CHEMICAL ENGINEERS JOURNAL V13 N4 PP626-632 JULY 1967
DAN ACCESS NO.....014513-001
BY SUN J S — DDC NUMBER.....AD658281
HANRATTY T J — INSTR...AF-AFOSR-0047-67
PROJECT/TASK.....9781/02

AFOSR 67-2137
UNIVERSITY OF TEXAS
PATTERN RECOGNITION APPLIED TO COUGH CATEGORIZATION
JSEP TECHNICAL REPORT NO 40
OAR ACCESS NO.....015248-039
BY DEVINE J L JR — DDC NUMBER.....AD659737
WELCH A J — INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....4751/00

AFOSR 67-2138
UNIVERSITY OF TEXAS
A UNIQUE LASER DETECTOR UTILIZING THE PHOTODIELECTRIC EFFECT IN COOLED SEMICONDUCTORS
JSEP TECHNICAL REPORT NO 39 SEPT 1967
OAR ACCESS NO.....015242-040
BY STONE J L — DDC NUMBER.....AD659738
MARTSIG W H — INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....4751/00

AFOSR 67-2139
MASSACHUSETTS GENERAL HOSPITAL
INTER-HEMISPHERIC COMPARISON OF VISUAL STIMULI IN THE PIGEON
NATURE V214 N5084 PP144-145 8 APRIL 1967
OAR ACCESS NO.....018741-002
BY MELLO N K — DDC NUMBER.....AD658280
INSTR...AF-AFOSR-0544-65
PROJECT/TASK.....9777/01

AFOSR 67-2140
MASSACHUSETTS GENERAL HOSPITAL
MECHANISMS OF COLOR DISCRIMINATION A BEHAVIORAL ANALYSIS
FINAL REPORT JAN 1967
OAR ACCESS NO.....018742-001
BY MELLO N K — DDC NUMBER.....AD658480
INSTR...F44620-67-C-0027
PROJECT/TASK.....9777/01

AFOSR 67-2141
COLUMBIA UNIVERSITY
ATTENUATION OF THE TORSIONAL FREE OSCILLATIONS IN AN EARTH WITH A DISSIPATIVE MANTLE AND A DISSIPATIVE SOFT-SOLID CORE OR A VISCOUS-LIQUID CORE
JOURNAL OF GEOPHYS RES V72 N12 PP3207-3224 15 JUN 67
OAR ACCESS NO.....011391-003
BY SATO R — DDC NUMBER.....AD658365
INSTR...AF-AFOSR-0887-65
PROJECT/TASK.....8652/00

AFOSR 67-2142
ISTITUTO GEOGRAFICO Y CATASTRAL
CRUSTAL STRUCTURE OF THE MEDITERRANEAN SEA BY SURFACE WAVES PART I GROUP VELOCITY
BULLETIN SEISMOLOGICAL SOCIETY OF AMERICA V57 N2 PP151-172 APR 1967
OAR ACCESS NO.....015960-013
BY PAYO G — DDC NUMBER.....AD658409
INSTR...AF-61/052/00657
PROJECT/TASK.....8652/00

AFOSR 67-2143
CALIFORNIA INSTITUTE OF TECHNOLOGY
A MICRO-EARTHQUAKE SURVEY OF THE SAN ANDREAS FAULT SYSTEM IN SOUTHERN CALIFORNIA
BULLETIN OF THE SEISMOLOGICAL SOCIETY OF AMERICA V57 N2 PP277-298 APRIL 1967
OAR ACCESS NO.....012342-032
BY BRUNE J N — DDC NUMBER.....AD658359
ALLEN C R — INSTR...AF-49/638/01337
PROJECT/TASK.....8652/00

AFOSR 67-2144
UNIVERSITY OF ATHENS
EVIDENCE FOR THE SEAT OF THE STRAIN - PRODUCING FORCES
ANNALI DI GEOFISICA V18 N4 PP399-409 1965
OAR ACCESS NO.....014870-005
BY GALANOPOULOS A G — DDC NUMBER.....AD658394
INSTR...AF-61/052/00803
PROJECT/TASK.....8652/00

AFOSR 67-2145
TEXAS A&M RESEARCH FOUNDATION
CONVERGENCE OF PADE APPROXIMANTS FOR THE BETHE-SALPETER AMPLITUDE
THE PHYSICAL REVIEW V157 N5 PP1312-1316 25 MAY 1967
OAR ACCESS NO.....017650-008
BY NUTTALL J — DDC NUMBER.....AD658361
INSTR...AF-AFOSR-0918-65
PROJECT/TASK.....9751/02

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TEXAS A&M RESEARCH FOUNDATION
ANALYTIC CONTINUATION OF THE OFF-ENERGY-SHELL SCATTERING AMPLITUDE
JOURNAL OF MATHEMATICAL PHYSICS V8 N4 PP873-877 APR 1967
OAR ACCESS NO.....017650-009
BY NUTTALL J — DDC NUMBER.....AD658362
INSTR...AF-AFOSR-0918-65
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CALIFORNIA INSTITUTE OF TECHNOLOGY
REFLECTION AND TRANSMISSION FROM A PLANE LAYERED CORE-MANTLE BOUNDARY
BULLETIN OF THE SEISMOLOGICAL SOCIETY OF AMERICA V57 N3 PP477-490 JUNE 1967
OAR ACCESS NO.....012342-033
BY TENG T L — DDC NUMBER.....AD658388
INSTR...AF-49/638/01337
PROJECT/TASK.....8652/00

AFOSR 67-2148
UNIVERSITY OF COLORADO
CALCULATION OF RELATIVISTIC TRANSITION PROBABILITIES AND FORM FACTORS FROM NONCOMPACT GROUPS
THE PHYSICAL REVIEW V158 N5 PP1586-1601 25 APRIL 1967
OAR ACCESS NO.....013091-012
BY BARUT A O — DDC NUMBER.....AD658360
KLEINERT H — INSTR...AF-AFOSR-0033-65
PROJECT/TASK.....9761/01

AFOSR 67-2149
COLUMBIA UNIVERSITY
EXCITATION OF SURFACE WAVES BY EVENTS IN SOUTHERN ALGERIA
SCIENCE V156 N3778 PP1098-1100 26 MAY 1967
OAR ACCESS NO.....019551-001
BY LIEBERMANN R C — DDC NUMBER.....AD658367
POMEROY P W — INSTR...AF-49/638/01723
PROJECT/TASK.....8652/00

AFOSR 67-2150
COLUMBIA UNIVERSITY
DISSIPATION FACTOR OF THE TORSIONAL MODE FOR A HOMOGENEOUS-MANTLE EARTH WITH A SOFT-SOLID OR A VISCOUS-LIQUID CORE
J OF GEOPHYSICAL RESEARCH V72 N6 PP1761-1767 15 MARCH 1967
OAR ACCESS NO.....011390-005
BY SATO R — DDC NUMBER.....AD681513
ESPINOSA A F — INSTR...AF-AFOSR-0303-62
PROJECT/TASK.....8652/00

AFOSR 67-2151
UNIVERSITY OF ALASKA
LARGE APERTURE SEISMIC TELEMETERING SYSTEM FOR CENTRAL ALASKA
UAGR 188 MAY 1967
OAR ACCESS NO.....019601-001
BY BERG E — DDC NUMBER.....AD656688
SPERLICH N — INSTR...AF-AFOSR-0701-66
FEETHAM W — PROJECT/TASK.....8652/00

AFOSR 67-2152
UNIVERSITY OF MICHIGAN
CORRELATION FUNCTION SPATIAL FILTERING WITH INCOHERENT LIGHT
APPLIED OPTICS V6 N7 PP1272 JULY 1967
OAR ACCESS NO.....012372-001
BY JACKSON P L — DDC NUMBER.....AD658356
INSTR...AF-49/638/01759
PROJECT/TASK.....8652/00

AFOSR 67-2153
UNIVERSITY OF FLORIDA
ON A FORM REPRESENTING A LARGE COLLECTION OF PRIMES
JOURNAL OF NATURAL SCIENCES & MATHEMATICS V6 N2 PP241-242 OCT 66
OAR ACCESS NO.....014721-001
BY CHAWLA L M — DDC NUMBER.....AD658363
MAXFIELD J E — INSTR...AF-AFOSR-0472-65
SELFRIDGE R G — PROJECT/TASK.....9769/01

AFOSR 67-2154
MELLON INSTITUTE
EXISTENCE OF ENTROPY AS A CONSEQUENCE OF ASYMPTOTIC STABILITY
ARCH RATIONAL MECH ANAL V25 N6 PP263-270 1967
OAR ACCESS NO.....015271-002
BY COLEMAN B D — DDC NUMBER.....AD658354
MIZEL V J — INSTR...AF-AFOSR-0728-66
PROJECT/TASK.....9769/01

AFOSR 67-2155
UNIVERSITY OF CALIFORNIA
DIFFRACTION EFFECTS IN LORENTZ MICROSCOPY
JOURNAL OF APPLIED PHYSICS V38 N8 PP3341-3352 JULY 1967
OAR ACCESS NO.....018830-057
BY MOHLLEBEN D — DDC NUMBER.....AD658383
INSTR...AF-AFOSR-0631-64
PROJECT/TASK.....9763/02

AFOSR 67-2156
ISTITUTO GEOGRAFICO Y CATASTRAL
THE ELECTRONIC COMPUTER PROGRAM FOR LOCALIZATION OF NEAR SEISMIC IN THE IBERIAN PENINSULA REGION
1967
OAR ACCESS NO.....015960-014
BY MUNUERA J M — DDC NUMBER.....AD658484
UDIAS A — INSTR...AF-61/052/00657
PROJECT/TASK.....8652/00

AFOSR 67-2159
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
CALIBRATION AND DIFFERENTIAL FIELD MEASUREMENT OF HIGH MAGNETIC FIELDS BY MEANS OF A PERIODIC SIZE EFFECT IN GALLIUM
THE REVIEW OF SCIENTIFIC INSTRUMENTS V38 N7 PP931-934 JULY 1967
BY FONER S
MCNIFF E J JR
OAR ACCESS NO.....007912-020
DDC NUMBER.....AD668360
INSTR...*44620-67-C-0047
PROJECT/TASK.....9782/01

AFOSR 67-2186
NATIONAL OBSERVATORY OF ATHENS
PRELIMINARY RESULTS OF AN INVESTIGATION OF CRUSTAL STRUCTURE IN SOUTHEASTERN EUROPE
BULLETIN SEISMOLOGICAL SOCIETY OF AMERICA V58 N6 PP1241-1268 DECEMBER 1968
BY PAPAZACHOS B
COMNINAKIS P
DRAKOPOULOS J
OAR ACCESS NO.....014870-006
DDC NUMBER.....AD658396
INSTR...AF-61(052)-00803
PROJECT/TASK.....8652/00

AFOSR 67-2160
YALE UNIVERSITY
BURRAUS PROBLEM OF THREE BODIES
PROC NATL ACAD SCI V58 N1 PP60-65 JULY 67
BY SZEBEHELY V
OAR ACCESS NO.....011494-004
DDC NUMBER.....AD658367
INSTR...AF-AFOSR-0397-67
PROJECT/TASK.....9749/01

AFOSR 67-2162
YALE UNIVERSITY
SOLUTION OF BIRKHOFFS EQUATIONS OF THE REGULARIZED RESTRICTED PROBLEM
ASTRON J V71 N10 PP976-982 DEC 66
BY WILLIAMS C
OAR ACCESS NO.....011494-005
DDC NUMBER.....AD658415
INSTR...AF-AFOSR-0397-67
PROJECT/TASK.....9749/01

AFOSR 67-2163
NELLON INSTITUTE
EQUIPRESENCE AND CONSTITUTIVE EQUATIONS FOR RIGID HEAT CONDUCTORS
MATH PHYS V18 N2 PP199-208 1967
BY COLEMAN B D
GURTIN M E
OAR ACCESS NO.....015271-003
DDC NUMBER.....AD658365
INSTR...AF-AFOSR-0728-66
PROJECT/TASK.....9749/01

AFOSR 67-2164
UNIVERSITY OF CHICAGO
COMMENTS ON THE INFLUENCE OF INTERMEDIATE EXCITONS AND EXCHANGE FORCES ON THE INTERACTION IN MOLECULAR CRYSTALS THE CRYSTAL STRUCTURE OF CHLORINE
JOURNAL CHEMICAL PHYSICS V46 N10 PP3881-3889 15 MAY 1967
BY MILLIER I M
RICE S A
OAR ACCESS NO.....015061-005
DDC NUMBER.....AD658352
INSTR...AF-AFOSR-0781-67
PROJECT/TASK.....9760/01

AFOSR 67-2165
UNIVERSITY OF CHICAGO
MOTION OF ELECTRONS IN LIQUID ARGON
PHYSICAL REVIEW V158 N1 PP130-137 5 JUNE 1967
BY LEKNER J
OAR ACCESS NO.....015061-006
DDC NUMBER.....AD658353
INSTR...AF-AFOSR-0781-67
PROJECT/TASK.....9760/01

AFOSR 67-2166
UNIVERSITY OF MINNESOTA
EFFECT OF WATER AND SOME OTHER HYDROGEN BOND DONORS AND ACCEPTORS ON PAH IN ACETONITRILE OF MIXTURES OF ACIDS AND THEIR SALTS
ANALYTICAL CHEMISTRY V39 N10 PP1080-1084 AUG 1967
BY KOLTHOFF I M
CHANTOONI M K JR
OAR ACCESS NO.....022120-001
DDC NUMBER.....AD658391
INSTR...AF-AFOSR-1223-67
PROJECT/TASK.....9710/03

AFOSR 67-2167
CORNELL UNIVERSITY
A BOUNDARY-LAYER THEORY FOR CELLULAR CONVECTION
INTERNATIONAL JOURNAL OF HEAT MASS TRANSFER V10 PP1065-1074 1967
BY TURCOTTE D L
OAR ACCESS NO.....001062-007
DDC NUMBER.....AD658525
INSTR...AF-49(638)-01346
PROJECT/TASK.....9783/02

AFOSR 67-2168
NEW YORK UNIVERSITY
LECTURES ON TURBULENT FLOW
NYU-AA-66-69 DEC 1966
BY FERRARI C
KLEINSTEIN G
OAR ACCESS NO.....021860-002
DDC NUMBER.....AD658483
INSTR...AF-AFOSR-1062-66
PROJECT/TASK.....9781/01

AFOSR 67-2169
CARNEGIE-MELLON UNIVERSITY
STUDIES IN PROBLEM SOLVING SUBJECT 3 ON THE CRYPT-ARITHMETIC TASK DONALD PLUS GERALD EQUALS ROBERT
BY NEWELL A
OAR ACCESS NO.....022900-017
DDC NUMBER.....AD658485
INSTR...SD -146
PROJECT/TASK.....9718/00

AFOSR 67-2171
INTERNATIONAL BUSINESS MACHINES CORP
ENTROPY A COMPLETE METRIC INVARIANT FOR AUTOMORPHISMS OF THE TORUS
PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES V57 N6 PP1573-1576 JUNE 67
BY ADLER R L
WEISS B
OAR ACCESS NO.....021440-001
DDC NUMBER.....AD658987
INSTR...AF-49(638)-01682
PROJECT/TASK.....9749/02

AFOSR 67-2172
UNIVERSITY OF WISCONSIN
THE STRUCTURE OF A TRIGONAL-BIPYRAMIDAL NICKEL /II/ CYANIDE COMPLEX CONTAINING THE TETRADENTATE LIGAND TRIS/3-DIMETHYLARSINOPROPYL/ PHOSPHINE
JOURNAL AMERICAN CHEMICAL SOCIETY V89 N14 PP3624-3628 5 JUL 1967
BY STEVENSON D L
DAHL L F
OAR ACCESS NO.....014421-005
DDC NUMBER..... AD658962
INSTR...AF-AFOSR-0818-66
PROJECT/TASK.....9710/01

AFOSR 67-2173
STANFORD UNIVERSITY
ARECIBO EVALUATION PANEL FINAL REPORT OCT 1967
BY BRACEWELL R N
OAR ACCESS NO.....500110-001
DDC NUMBER.....AD661348
INSTR...AF-49(638)-01181
PROJECT/TASK.....2838/00

AFOSR 67-2174
BROWN UNIVERSITY
THE STRUCTURE OF THE LEVEL SURFACES OF A LYAPUNOV FUNCTION
JOURNAL OF DIFFERENTIAL EQUATIONS V3 N3 PP323-329 JULY 1967
BY WILSON F W JR
OAR ACCESS NO.....019591-010
DDC NUMBER.....AD659010
INSTR...AF-AFOSR-0693-65
PROJECT/TASK.....9749/01

AFOSR 67-2175
FRANKLIN INST RESEARCH LABS
FUNDAMENTAL PROBLEMS OF FUTURE AEROSPACE STRUCTURES FINAL REPORT SEPT 1967
BY ZISFEIN M B
OAR ACCESS NO.....027300-001
DDC NUMBER.....AD826771
INSTR...F44620-67-C-0064
PROJECT/TASK.....9782/01

AFOSR 67-2176
NORTH AMERICAN AVIATION INC
NON-EQUILIBRIUM IONIZATION IN A POTASSIUM GAS MHD DEVICE FINAL REPORT SEPT 1967
AI-67-138 SEPT 1967
BY GUDERJOHN C A
OAR ACCESS NO.....013112-001
DDC NUMBER.....AD660882
INSTR...AF-49(638)-01721
PROJECT/TASK.....9752/01

AFOSR 67-2177
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
DISTAL FUNCTIONS ON GROUPS
TRANSACTIONS OF THE AMERICAN MATHEMATICAL SOCIETY V128 N1 PP1-40 JULY 1967
BY KNAPP A W
OAR ACCESS NO.....000451-021
DDC NUMBER.....AD658795
INSTR...AF-AFOSR-0335-63
PROJECT/TASK.....9749/02

AFOSR 67-2178
BROWN UNIVERSITY
NONLINEAR FILTERING THE EXACT DYNAMICAL EQUATIONS SATISFIED BY THE CONDITIONAL MODE
IEEE TRANSACTIONS ON AUTOMATIC CONTROL VAC-12 N3 PP262-267 JUNE 1967
BY KUSHNER H J
OAR ACCESS NO.....019592-001
DDC NUMBER.....AD659016
INSTR...AF-AFOSR-0693-66
PROJECT/TASK.....9749/01

AFOSR 67-2179
CORNELL UNIVERSITY
MEASUREMENT OF RELAXATION TIMES OF CONCENTRATION FLUCTUATIONS BY THE ELECTRIC FIELD EFFECT ON CRITICAL OPALESCENCE
PHYSICAL REVIEW LETTERS V18 N22 PP940-950 29 MAY 1967
OAR ACCESS NO.....009361-002
BY GRAVATT C C
DDC NUMBER.....AD658401
INSTR...AF-AFOSR-0750-65
PROJECT/TASK.....9760/03

AFOSR 67-2180
UNIVERSITY OF COLORADO
NMR STUDIES OF INTRA- AND INTERMOLECULAR INTERACTIONS FINAL REPORT SEPT 1967
OAR ACCESS NO.....013171-001
BY MANNA M B
DDC NUMBER.....AD658861
INSTR...AF-AFOSR-0216-65
PROJECT/TASK.....9710/03

AFOSR 67-2181
FLORIDA STATE UNIVERSITY
AMBIGUITIES IN THE OPTICAL-MODEL ANALYSIS OF ALPHA-PARTICLE SCATTERING
NUCLEAR PHYSICS A98 PP228-240 1967
OAR ACCESS NO.....005116-001
BY THOMPSON W J
CRAWFORD G B
DAVIS R H
DDC NUMBER.....AD658922
INSTR...AF-AFOSR-0440-67
PROJECT/TASK.....9751/02

AFOSR 67-2182
CORNELL UNIVERSITY
ELECTRIC FIELD EFFECT ON THE CRITICAL OPALESCENCE II RELAXATION TIMES OF CONCENTRATION FLUCTUATIONS
JOURNAL CHEMICAL PHYSICS V46 N6 PP2358-2366 15 MAR 1967
OAR ACCESS NO.....009361-003
BY DEBYE P
GRAVATT C C
IEDA M
DDC NUMBER.....AD658959
INSTR...AF-AFOSR-0750-65
PROJECT/TASK.....9760/03

AFOSR 67-2183
FLORIDA STATE UNIVERSITY
THE HALF-LIFE AND MASS OF /43/TI
NUCLEAR PHYSICS A98 PP323-329 1967
OAR ACCESS NO.....005115-002
BY ALDRIDGE A M
PLENDL H S
ALDRIDGE J P III
DDC NUMBER.....AD658862
INSTR...AF-AFOSR-0440-67
PROJECT/TASK.....9751/02

AFOSR 67-2184
UNIVERSITY OF MARYLAND
REFORMULATION OF THE NAGAOKA EQUATIONS
THE PHYSICAL REVIEW V158 N3 PP567-570 15 JUNE 1967
OAR ACCESS NO.....003333-026
BY FALK D S
FOWLER M
DDC NUMBER.....AD659008
INSTR...AF-AFOSR-0735-65
PROJECT/TASK.....9751/01

AFOSR 67-2185
COLUMBIA UNIVERSITY
MOLECULAR PHOTOCHEMISTRY V PHOTOCYCLOADDITION OF ALKYL KETONES TO ELECTRON-DEFICIENT DOUBLE BONDS
JOURNAL AMERICAN CHEMICAL SOCIETY V89 N15 PP3950-3952 19 JULY 1967
OAR ACCESS NO.....015800-007
BY TURRO N J
WRIEDE P
DALTON J C
ARNOLD D
GLICK A
DDC NUMBER.....AD659015
INSTR...AF-AFOSR-1000-66
PROJECT/TASK.....9760/02

AFOSR 67-2186
UNIVERSITY OF CHICAGO
FUNCTIONAL INTEGRAL REPRESENTATION OF NONEQUILIBRIUM STATISTICAL MECHANICS
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OAR ACCESS NO.....015061-007
BY POPIELAWSKI J
RICE S A
HURT N
DDC NUMBER.....AD658660
INSTR...AF-AFOSR-0781-67
PROJECT/TASK.....9760/01

AFOSR 67-2187
UNIVERSITY OF CHICAGO
ON THE THEORY OF EXCITONS IN LIQUIDS II A CLASSICAL MODEL OF POLARIZATION WAVES IN A SIMPLE LIQUID
JOURNAL CHEMICAL PHYSICS V46 N11 PP4465-4483 1 JUNE 1967
OAR ACCESS NO.....015061-008
BY NICOLIS G
RICE S A
DDC NUMBER.....AD658661
INSTR...AF-AFOSR-0781-67
PROJECT/TASK.....9760/01

AFOSR 67-2188
FLORIDA STATE UNIVERSITY
OPTICAL PARAMETERS FOR THE ELASTIC SCATTERING OF HELIUM-3 BY HELIUM-4
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OAR ACCESS NO.....008119-003
BY DUNNILL P
GRAY T J
FORTUNE H T
FLETCHER N R
DDC NUMBER.....AD658666
INSTR...AF-AFOSR-0440-67
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AFOSR 67-2189
CLEMSON UNIVERSITY
EXPERIMENT IN CRYOGENICS FOR THE UNDERGRADUATE
AMERICAN JOURNAL OF PHYSICS V35 N6 PP502-504 JUNE 1967
OAR ACCESS NO.....012471-005
BY STILLWELL E P JR
GARDNER W L
LITTLEJOHN M T
DDC NUMBER.....AD658805
INSTR...AF-AFOSR-0180-65
PROJECT/TASK.....9763/02

AFOSR 67-2190
INDIANA UNIVERSITY
ON THE ANALYTIC PROPERTIES OF SOLUTIONS OF EQUATION
DUKE MATHEMATICAL JOURNAL V34 N2 PP353-362 JUN 1967
OAR ACCESS NO.....022970-003
BY AVILA G S S
GILBERT R P
DDC NUMBER.....AD658984
INSTR...AF-AFOSR-1206-67
PROJECT/TASK.....9749/01

AFOSR 67-2191
UNIVERSITY OF WISCONSIN
ORGANOMETALLIC SULFUR COMPLEXES IX STRUCTURE OF A HEXANUCLEAR COBALT CARBONYL SULFUR COMPLEX CONTAINING A TETRAMETAL-COORDINATED BRIDGING DISULFIDE GROUP
JOURNAL AMERICAN CHEMICAL SOCIETY V89 N15 PP3727-3732 19 JUL 1967
OAR ACCESS NO.....014621-006
BY STEVENSON D L
MAGNUSON V R
DAHL L F
DDC NUMBER.....AD658061
INSTR...AF-AFOSR-0818-66
PROJECT/TASK.....9710/01

AFOSR 67-2192
OREGON STATE UNIVERSITY
MECHANISMS OF SUBSTITUTION REACTIONS AT SULFINYL SULFUR IV THE HYDROLYSIS OF SULFINYL SULFONES /SULFINIC ANHYDRIDES/ IN AQUEOUS DIOXANE
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OAR ACCESS NO.....011821-011
BY KICE J L
GUARALDI G
DDC NUMBER.....AD658963
INSTR...AF-AFOSR-0106-65
PROJECT/TASK.....9762/03

AFOSR 67-2193
FLORIDA STATE UNIVERSITY
ISOBARIC ANALOGUE STATES IN HEAVY NUCLEI IV SAMARIUM ISOTOPES
THE PHYSICAL REVIEW V155 N4 PP1377-1382 20 MAR 1967
OAR ACCESS NO.....008115-004
BY JOLLY R K
MOORE C F
DDC NUMBER.....AD658923
INSTR...AF-AFOSR-0440-67
PROJECT/TASK.....9751/02

AFOSR 67-2194
UNIVERSITY OF NEW SOUTH WALES
THE NUCLEON-NUCLEON SCATTERING LENGTH THE THREE-BODY PROBLEM AND CHARGE SYMMETRY
IL NUOVO CIMENTO SERIE X V4A PP233-236 1 MAR 1967
OAR ACCESS NO.....011212-001
BY OKAMOTO K
LUCAS C
DDC NUMBER.....AD659011
INSTR...AF-AFOSR-0685-66
PROJECT/TASK.....9751/02

AFOSR 67-2195
UNIVERSITY OF NEW SOUTH WALES
NOTE ON THE EXISTENCE OF THE TRINEUTRON
PHYSICS LETTERS V24B N1 PP18-21 JAN 1967
OAR ACCESS NO.....011212-002
BY OKAMOTO K
DAVIES B
DDC NUMBER.....AD659012
INSTR...AF-AFOSR-0685-66
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AFOSR 67-2196
BOSTON UNIVERSITY
STUDY OF SPECTRAL REPRESENTATIONS FOR SIMPLE QUANTUM-MECHANICAL SYSTEMS
AMERICAN JOURNAL OF PHYSICS V35 N7 PP614-624 JULY 1967
OAR ACCESS NO.....011362-014
BY MELLMAN W S
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BY WOLF E
DDC NUMBER.....AD660124
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DDC NUMBER.....AD659265
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BY MARUYAMA K — DDC NUMBER.....AD659524
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SHIMIZU M

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SMITH J N JR

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INSTR...AF-AFOSR-0073-66
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INSTR...AF-EOAR -0015-67
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OAR ACCESS NO.....006274-001
DDC NUMBER.....AD659649
INSTR...AF-EOAR -0045-66
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INSTR...AF-EOAR -0009-66
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BY CASTELL L

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DDC NUMBER.....AD659212
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BY PETRE J — DDC NUMBER.....AD659232
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FALLER J G — INSTR...AF-89/638/01343
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COOKE M — INSTR...AF-61/052/00847
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BALTA * — INSTR...AF-AFOSR-1253-67
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OAR ACCESS NO.....020500-002
BY BROWDER F E — DDC NUMBER.....AD833522
LIONS J L — INSTR...AF-AFOSR-0984-66
SCHWARTZ J T — PROJECT/TASK.....9749/02

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BY CALDERON A P — DDC NUMBER.....AD833523
CODDINGTON E A — INSTR...AF-AFOSR-0984-66
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BY BARUCH J — DDC NUMBER.....AD659368
ROSEN A — INSTR...AF-61/052/00951
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BY PRYOR W A — DOC NUMBER.....AD659366
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NOMAN P — INSTR...AF-AFOSR-0385-65
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OAR ACCESS NO.....017040-004
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BY [illegible] P — DOC NUMBER.....AD659430
ROSENSTEIN S — INSTR...AF-AFOSR-0234-65
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ROBISCOE R T — INSTR...AF-AFOSR-0249-67
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BY STETTER H J — DOC NUMBER.....AD659798
BAROR W — INSTR...AF-61/052/00960
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CHASE C E — INSTR...F44620-67-C-0047
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BY BOMSE F
BORENSTEIN S
COLE J
GILLESPIE D
KRAEMER R
DDC NUMBER.....AD659584
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BY LAPORTE O
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BY COATES C L
DDC NUMBER.....AD662359
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BY BAUMINGER S
SCHECHTER I
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BY TAIBLESON M H
DDC NUMBER.....AD659609
INSTR...AF-49/638/01769
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BY O MALLEY R E JR
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BY MASON J A
PETERSON G E
DDC NUMBER.....AD659569
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STUPP Y
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DDC NUMBER.....AD662017
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DDC NUMBER.....AD659620
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OAR ACCESS NO.....007912-037
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INSTR...F44620-67-C-0047
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OAR ACCESS NO.....011611-001
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OAR ACCESS NO.....015710-002
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DDC NUMBER.....AD660883
INSTR...AF-49(638)-1442
PROJECT/TASK.....9781/02

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PROC INTERN CONF ON HIGH MAGNETIC FIELDS GRENOBLE 12-14 SEPT 1966 PP281-288 1967
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OAR ACCESS NO.....007912-028
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INSTR...F44620-67-C-0047
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DDC NUMBER.....AD659709
INSTR...F44620-67-C-0047
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DDC NUMBER.....AD659860
INSTR...AF-AFOSR-0670-64
PROJECT/TASK.....9762/01

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OAR ACCESS NO.....019960-004
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INSTR...AF-AFOSR-1061-66
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NEURAL ORGANIZATION OF SENSORY INFORMATIONS FOR TASTE
OAR ACCESS NO.....500330-001
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DDC NUMBER.....AD659796
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INSTR...AF-AFOSR-0540-66
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INSTR...AF-AFOSR-0212-65
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DDC NUMBER.....AD659711
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INSTR...AF-AFOSR-0123-63
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CORNELL UNIVERSITY
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INSTR...AF-AFOSR-0780-65
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DDC NUMBER.....AD659882
INSTR...AF-AFOSR-0035-65
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INSTR...AF-AFOSR-0437-65
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BY ITURRIAGA R — DDC NUMBER.....AD660127
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BY BEACHELL H C; MACKMAN E F — DDC NUMBER.....AD822591
INSTR...AF-AFOSR-0922-65
PROJECT/TASK.....9711/01

AFOSR 67-2420
NORTH AMERICAN ROCKWELL CORPORATION
STABILITY OF TWO-DIMENSIONAL POISEUILLE FLOW
C7-2239/020 SEPT 1967
OAR ACCESS NO.....001153-004
BY RADDILL J R; VAN DRIEST E R — DDC NUMBER.....AD661570
INSTR...AF-49/638/01442
PROJECT/TASK.....9781/02

AFOSR 67-2421
HARVARD UNIVERSITY
KLEINIAN GROUPS IN THE PLANE AND IN SPACE /GERMAN/
FESTSCHRIFT ZUM 70 GEBURTSTAG VON ROLF NEVANLINNA H P KUNZI
UND A PFLUGER PP7-15 SPRINGER-VERLAG GERMANY
OAR ACCESS NO.....001593-009
BY AHLFORS L V — DDC NUMBER.....AD659913
INSTR...AF-49/638/01591
PROJECT/TASK.....9749/02

AFOSR 67-2422
UNIVERSITY OF ARIZONA
1 2-AND 1 4-ADDITION PRODUCTS FROM THE REACTION OF
BENZYLMAG NESIUM CHLORIDE AND TRANS-ALPHA-PHENYLCHALCONE
JOURNAL ORGANIC CHEMISTRY V32 PP1673-1674 1967
OAR ACCESS NO.....014890-002
BY SCHILLING C L JR; MULVANEY J E — DDC NUMBER.....AD659903
INSTR...AF-AFOSR-0720-65
PROJECT/TASK.....9782/02

AFOSR 67-2423
UNIVERSITY OF ARIZONA
POLYLITHIATED SPECIES FROM 1-PHENYLPROPYNE AND ORGANOLITHIUM REAGENTS
JOURNAL ORGANIC CHEMISTRY V32 P1876 1967
OAR ACCESS NO.....016890-003
BY MULVANEY J E — DDC NUMBER.....AD659902
FOLK T L — INSTR...AF-AFOSR-0720-66
NEWTON D J — PROJECT/TASK.....9762/02

AFOSR 67-2424
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
FLUX-HOLE MOTION AND THE PEAK EFFECT IN SUPERCONDUCTIVITY
PHYSICS LETTERS V25A N2 PP139-140 31 JULY 1967
OAR ACCESS NO.....007912-030
BY MAXWELL E — DDC NUMBER.....AD659898
SCHWARTZ N O — INSTR...F44620-67-C-0047
WIZGALL H — PROJECT/TASK.....9764/01

AFOSR 67-2425
UNIVERSITY OF SOUTHERN CALIFORNIA
NEW APPROXIMATION FOR SCREENED EXCHANGE AND THE DIELECTRIC CONSTANT OF METALS
PHYS REV V160 N3 PP585-590 18 AUG 1967
OAR ACCESS NO.....021270-002
BY KLEINMAN L — DDC NUMBER.....AD659894
INSTR...AF-AFOSR-1115-66
PROJECT/TASK.....9763/02

AFOSR 67-2426
BROWN UNIVERSITY
SOME EXISTENCE THEOREMS FOR LINEAR OPTIMAL CONTROL PROBLEMS
SIAM J CONTROL V5 N3 PP418-437 1967
OAR ACCESS NO.....019592-003
BY JACOBS M Q — DDC NUMBER.....AD659895
INSTR...AF-AFOSR-0693-66
PROJECT/TASK.....9749/01

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SOUTHERN ILLINOIS UNIVERSITY
THE MADELUNG ENERGY OF MINERALS POLYMORPHS OF SILICA
ESTUDIOS GEOLOGICOS V22 PP135-141 JUNE 1966
OAR ACCESS NO.....018561-002
BY AMOROS J L — DDC NUMBER.....AD659906
INSTR...AF-AFOSR-0596-66
PROJECT/TASK.....9761/02

AFOSR 67-2428
UNIVERSITY OF MICHIGAN
A SEMINAR ON GRAPH THEORY
HOLT RINEHART AND WINSTON N Y 1967
OAR ACCESS NO.....016961-001
BY HARARY F — DDC NUMBER.....AD659938
BEINEKE L — INSTR...AF-AFOSR-0756-67
PROJECT/TASK.....9749/01

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MELLON INSTITUTE
THERMODYNAMICS WITH INTERNAL STATE VARIABLES
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OAR ACCESS NO.....015271-005
BY COLEMAN B D — DDC NUMBER.....AD659896
GURTIN M E — INSTR...AF-AFOSR-0728-66
PROJECT/TASK.....9749/01

AFOSR 67-2430
PURDUE UNIVERSITY
ON THE INTERACTION OF A FINITE AMPLITUDE PRESSURE PULSE WITH A COMBUSTION REGION
SYMPOSIUM (INTERNATIONAL) ON COMBUSTION 11TH BERKELEY CALIF 14-20 AUG 1966 PP739-746 COMBUSTION INST PITTSBURGH 1967
OAR ACCESS NO.....005872-006
BY OSBORN J R — DDC NUMBER.....AD659897
LEHMANN C M — INSTR...AF-AFOSR-0763-65
PROJECT/TASK.....9711/01

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GENERAL DYNAMICS CORP
INTERACTIONS BETWEEN HYDROGEN AND OXYGEN ATOMS AND SURFACES
GA-8273 OCT 1967
OAR ACCESS NO.....000302-005
BY SMITH J N JR — DDC NUMBER.....AD662622
INSTR...AF-49(638)-01435
PROJECT/TASK.....9783/01

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UNIVERSITY OF LONDON
ULTRASOUND IN ADULT RODENTS
NATURE V215 N5100 P512 29 JULY 1967
OAR ACCESS NO.....017390-002
BY SEWELL G D — DDC NUMBER.....AD660141
INSTR...AF-61(052)-00876
PROJECT/TASK.....9777/01

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STANFORD UNIVERSITY
NONUNIFORM ELECTRICAL CONDUCTION IN MHD CHANNELS
AIAA JOURNAL V5 N8 PP1426-1432 AUG 1967
OAR ACCESS NO.....020770-001
BY OLIVER D A — DDC NUMBER.....AD660074
HITCHNER M — INSTR...AF-49(638)-01695
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AFOSR 67-2434
INNSBRUCK UNIVERSITY
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OAR ACCESS NO.....013281-006
BY FRIEDEL H — DDC NUMBER.....AD660091
INSTR...F61052-67-C-0014
PROJECT/TASK.....9752/01

AFOSR 67-2435
INNSBRUCK UNIVERSITY
APPROXIMATIVE SOLUTION OF AN EIGENVALUE PROBLEM OF THE HELMHOLTZ EQUATION USING LIE SERIES
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OAR ACCESS NO.....013251-007
BY TINHOFER G — DDC NUMBER.....AD660090
INSTR...F61052-67-C-0014
PROJECT/TASK.....9752/01

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AUDITORY COMMUNICATION /SUMMARY/
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OAR ACCESS NO.....017390-003
BY PYE J D — DDC NUMBER.....AD659904
ANDREW R — INSTR...AF-61(052)-00876
MCCUGHTON W B — PROJECT/TASK.....9777/01
WATSON A P

AFOSR 67-2437
COLUMBIA UNIVERSITY
COLLISIONLESS SHOCK WAVE IN A PLASMA
JOURNAL PHYSICAL SOCIETY OF JAPAN V23 N2 PP436-443 AUG 1967
OAR ACCESS NO.....009583-007
BY NIU K — DDC NUMBER.....AD660070
MUNG R J — INSTR...AF-49(638)-01634
PROJECT/TASK.....9752/01

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TECHNION RESEARCH AND DEVELOPMENT FOUNDATION LTD
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OAR ACCESS NO.....019031-002
BY GEFFEN N — DDC NUMBER.....AD660087
INSTR...AF-EOAR -0083-65
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AFOSR 67-2439
COLUMBIA UNIVERSITY
COMPARISON OF OBLIQUE NORMAL AND TRANSVERSE IONIZING SHOCK WAVES
PHYSICS FLUIDS V10 N6 PP1145-1160 JUNE 1967
OAR ACCESS NO.....009583-008
BY TAUSSIG R T — DDC NUMBER.....AD659930
INSTR...AF-49(638)-01634
PROJECT/TASK.....9752/01

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OAR ACCESS NO.....001323-013
BY SINGER J — DDC NUMBER.....AD660446
BARUCH M — INSTR...AF-EOAR -0058-63
HANARI G — PROJECT/TASK.....9782/01

AFOSR 67-2443
CALIFORNIA INSTITUTE OF TECHNOLOGY
RAMAN SPECTRUM OF CRYSTALLINE BENZENE
JOURNAL CHEMICAL PHYSICS V46 N12 PP4667-4683 15 JUNE 1967
OAR ACCESS NO.....019990-001
BY GEE A M — DDC NUMBER.....AD660390
ROBINSON G W — INSTR...AF-49(638)-01644
PROJECT/TASK.....9760/02

AFOSR 67-2445
UNIVERSITY OF CHICAGO
INTERMEDIATE EXCITONNS IN MOLECULAR CRYSTALS A STUDY OF THE EXCITED STATES OF CRYSTALLINE IODINE
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OAR ACCESS NO.....015061-009
BY HILLIER I H — DDC NUMBER.....AD660303
RICE S A — INSTR...AF-AFOSR-0781-67
PROJECT/TASK.....9760/01

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UNIVERSITY OF CHICAGO
EQUATION OF STATE OF A MONATOMIC FLUID WITH 6-12 POTENTIAL
DISCUSSIONS OF THE FARADAY SOCIETY N43 PP16-25 1967

BY RICE S A
YOUNG D A

OAR ACCESS NO.....015061-010
DDC NUMBER.....AD660306
INSTR...AF-AFOSR-0781-67
PROJECT/TASK.....9760/01

AFOSR 67-2447
UNIVERSITY OF KENTUCKY RSCH FOUNDATION
ON THE STATIC RESPONSE OF ANNEALED ALUMINUM
MIDWESTERN MECHANICS CONF 9TH UNIV WISCONSIN 16-18 AUG
1965 PP587-538

BY KENIG M J
DILLON O W JR

OAR ACCESS NO.....000773-007
DDC NUMBER.....AD660386
INSTR...AF-49(638)01308
PROJECT/TASK.....9782/01

AFOSR 67-2448
CALIFORNIA INSTITUTE OF TECHNOLOGY
LAMINAR BOUNDARY-LAYER SEPARATION AND NEAR-WAKE FLOW FOR
A SMOOTH BLUNT BODY AT SUPERSONIC AND HYPERSONIC SPEEDS
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BY GRANGER J M
KLINEBERG J M
LEES L

OAR ACCESS NO.....007503-001
DDC NUMBER.....AD659075
INSTR...AF-49(638)01298
PROJECT/TASK.....9781/02

AFOSR 67-2449
REED INSTITUTE
REACTION RATE STUDIES OF GASEOUS UNIMOLECULAR
ISOMERIZATIONS FINAL REPORT OCT 1967

BY TARBUTT R D

OAR ACCESS NO.....012681-001
DDC NUMBER.....AD660541
INSTR...AF-AFOSR-0119-65
PROJECT/TASK.....9760/02

AFOSR 67-2450
STANFORD RESEARCH INSTITUTE
ORGANIZATIONAL DESIGN - AN EXPLORATORY STUDY
MU-6329 DEC 1967

BY VOLLMER H M

OAR ACCESS NO.....022810-001
DDC NUMBER.....AD662634
INSTR...F44620-67-C-0039
PROJECT/TASK.....9779/02

AFOSR 67-2451
CASE WESTERN RESERVE UNIVERSITY
TIME-DEPENDENT HYPERSONIC VISCOUS INTERACTIONS

BY BOOKINKICZ C M
RESHOTKO E

OAR ACCESS NO.....020340-001
DDC NUMBER.....AD662901
INSTR...AF-AFOSR-0954-65
PROJECT/TASK.....9781/02

AFOSR 67-2452
UNIVERSITY OF CALIFORNIA
DYNAMIC SNAP-THROUGH OF AN ELASTIC IMPERFECT SIMPLE SHALLOW
TRUSS
NO 5 OCT 1967

BY HUANG N C
VAMBOI M

OAR ACCESS NO.....022790-004
DDC NUMBER.....AD661588
INSTR...AF-AFOSR-1229-67
PROJECT/TASK.....9782/01

AFOSR 67-2453
UNIVERSITY OF CALIFORNIA
SINE-S WAVES IN A TEMPERATURE DEPENDENT VISCOELASTIC HALF-
SPACE SUBJECTED TO IMPULSIVE ELECTROMAGNETIC RADIATION
NO4 OCT 1967

BY HEGEMIER G A
NOYLAND L B

OAR ACCESS NO.....022780-005
DDC NUMBER.....AD661567
INSTR...AF-AFOSR-1226-67
PROJECT/TASK.....9782/01

AFOSR 67-2454
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
SELF-CONSISTENT SOLUTION OF NONLINEAR PROBLEMS IN UNSTEADY
RADIATION GASDYNAMICS
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BY FINKELMAN D

OAR ACCESS NO.....001193-009
DDC NUMBER.....AD672274
INSTR...AF-49(638)01621
PROJECT/TASK.....9781/02

AFOSR 67-2455
NORTH DAKOTA STATE UNIVERSITY
SEX AND AGE AS VARIABLES IN PERSUASIBILITY
THE JOURNAL OF SOCIAL PSYCHOLOGY V73 PP87-92 1967

BY WHITTAKER J O
MEADE R D

OAR ACCESS NO.....010390-005
INSTR...AF-AFOSR-0762-65
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AFOSR 67-2455
NORTH DAKOTA STATE UNIVERSITY
SEX AND AGE AS VARIABLES IN PERSUASIBILITY
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BY WHITTAKER J O
MEADE R D

OAR ACCESS NO.....010390-008
DDC NUMBER.....AD660300
INSTR...AF-AFOSR-0762-65
PROJECT/TASK.....9779/02

AFOSR 67-2457
UNIVERSITY OF CALIFORNIA
WARD IDENTITIES UNSUBTRACTED DISPERSION RELATIONS AND
FEYNMAN GRAPHS
PHYS REV V158 N5 PP1544-1557 JUN 1967

BY BARDAKCI K
HALPERN M B
SEGRE G

OAR ACCESS NO.....005134-015
INSTR...AF-AFOSR-0232-66
PROJECT/TASK.....9751

AFOSR 67-2457
UNIVERSITY OF CALIFORNIA
WARD IDENTITIES UNSUBTRACTED DISPERSION RELATIONS AND
FEYNMAN GRAPHS
PHYS REV V158 N5 PP1544-1557 JUN 1967

BY BARDAKCI K
HALPERN M B
SEGRE G

OAR ACCESS NO.....005134-018
DDC NUMBER.....AD660466
INSTR...AF-AFOSR-0232-66
PROJECT/TASK.....9751/01

AFOSR 67-2457
UNIVERSITY OF CALIFORNIA
WARD IDENTITIES UNSUBTRACTED DISPERSION RELATIONS AND
FEYNMAN GRAPHS
PHYS REV V158 N5 PP1544-1557 JUN 1967

BY BARDAKCI K
HALPERN M B
SEGRE G

OAR ACCESS NO.....005134-020
DDC NUMBER.....AD660466
INSTR...AF-AFOSR-0232-66
PROJECT/TASK.....9751/01

AFOSR 67-2458
UNIVERSITY OF CALIFORNIA
ALGEBRAIC STRUCTURE OF SUPERCONVERGENCE RELATIONS
PHYS REV V159 N5 PP1263-1268 25 JUL 1967

BY BARDAKCI K
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INSTR...AF-AFOSR-0232-66
PROJECT/TASK.....9751/01

AFOSR 67-2458
UNIVERSITY OF CALIFORNIA
ALGEBRAIC STRUCTURE OF SUPERCONVERGENCE RELATIONS
PHYS REV V159 N5 PP1263-1268 25 JUL 1967

BY BARDAKCI K
SEGRE G

OAR ACCESS NO.....005134-019
DDC NUMBER.....AD660465
INSTR...AF-AFOSR-0232-66
PROJECT/TASK.....9751/01

AFOSR 67-2459
GENERAL DYNAMICS CORPORATION
FUNDAMENTALS OF GAS-SURFACE INTERACTIONS SYMP SAN DIEGO
CALIF 14-16 DEC 1966 NEW YORK ACADEMIC PRESS 1967
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BY SALTSBURG H
SMITH J N
ROGERS M

OAR ACCESS NO.....022030-001
DDC NUMBER.....AD660293
INSTR...AF-49(638)01690
PROJECT/TASK.....9781/02

AFOSR 67-2460
CALIFORNIA INSTITUTE OF TECHNOLOGY
MAGNETOHYDRODYNAMIC FLOW IN A RECTANGULAR DUCT WITH
CONDUCTING ELECTRODES
JOURNAL OF APPLIED MATHEMATICS AND PHYSICS V18 N1 PP92-106
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BY CHIANG D
LUNDGREN T S

OAR ACCESS NO.....027720-002
DDC NUMBER.....AD660389
INSTR...AF-33(615)02341
PROJECT/TASK.....9749/01

AFOSR 67-2461
CALIFORNIA INSTITUTE OF TECHNOLOGY
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THE PHYSICS OF FLUIDS V10 N4 PP786-798 APRIL 1967

BY WAIGHT C M
LUNDGREN T L

OAR ACCESS NO.....027720-003
DDC NUMBER.....AD660495
INSTR...AF-33(615)02341
PROJECT/TASK.....9749/01

AFOSR 67-2462
CALIFORNIA INSTITUTE OF TECHNOLOGY
DISTRIBUTION FUNCTIONS IN THE STATISTICAL THEORY OF
TURBULENCE
THE PHYSICS OF FLUIDS V10 N5 PP969-975 MAY 1967

BY LUNDGREN T S

OAR ACCESS NO.....027720-004
DDC NUMBER.....AD660391
INSTR...AF-33(615)02341
PROJECT/TASK.....9749/01

AFOSR 67-2463
PRINCETON UNIVERSITY
ELECTRONIC STRUCTURE AND GEOMETRY OF HYDROGEN CYANIDE
JOURNAL CHEMICAL PHYSICS V46 N5 PP1797-1803 1 MAR 1967
OAR ACCESS NO.....020130-001
BY PAN D C
ALLEN L C
DDC NUMBER.....AD660459
INSTR...AF-49(638)-1625
PROJECT/TASK.....9760/01

AFOSR 67-2464
PRINCETON UNIVERSITY
GEOMETRY OF MOLECULES III OXYGEN DIFLUORIDE LITHIUM
OXIDE HYDROGEN HYPOFLUORITE LITHIUM HYDROXIDE
JOURNAL CHEMICAL PHYSICS V45 N10 PP3682-3700 15 NOV 1966
OAR ACCESS NO.....020130-002
BY BUENKER R J
PEYERIMHOFF S D
DDC NUMBER.....AD660463
INSTR...AF-49(638)-1625
PROJECT/TASK.....9760/01

AFOSR 67-2465
PRINCETON UNIVERSITY
EXTENDED HUCKEL THEORY AND THE SHAPE OF MOLECULES
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OAR ACCESS NO.....020130-003
BY ALLEN L C
RUSSELL J D
DDC NUMBER.....AD660464
INSTR...AF-49(638)-1625
PROJECT/TASK.....9760/01

AFOSR 67-2466
PRINCETON UNIVERSITY
ORIGIN OF ROTATIONAL BARRIERS II METHYLAMINE AND IMPROVED
WAVEFUNCTIONS FOR HYDROGEN PEROXIDE
JOURNAL CHEMICAL PHYSICS V46 N6 PP2276-2284 15 MAR 1967
OAR ACCESS NO.....020130-004
BY FINK W H
ALLEN L C
DDC NUMBER.....AD660466
INSTR...AF-49(638)-1625
PROJECT/TASK.....9760/01

AFOSR 67-2467
PRINCETON UNIVERSITY
GEOMETRY OF MOLECULES I WAVEFUNCTIONS FOR SOME SIX-AND
EIGHT-ELECTRON POLYHYDRIDES
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OAR ACCESS NO.... 020130-005
BY PEYERIMHOFF S D
BUENKER R J
ALLEN L C
DDC NUMBER.....AD660460
INSTR...AF-49(638)-1625
PROJECT/TASK.....9760/01

AFOSR 67-2468
PRINCETON UNIVERSITY
GEOMETRY OF MOLECULES II DIBORANE AND ETHANE
JOURNAL CHEMICAL PHYSICS V45 N8 PP2835-2847 15 OCT 1966
OAR ACCESS NO.....020130-006
BY BUENKER R J
ALLEN L C
WHITTEN J L
DDC NUMBER.....AD660462
INSTR...AF-49(638)-1625
PROJECT/TASK.....9760/01

AFOSR 67-2469
PRINCETON UNIVERSITY

ORBITAL WAVEFUNCTIONS FOR ETHANE METHYL ALCOHOL AND
HYDROGEN PEROXIDE
JOURNAL CHEMICAL PHYSICS V46 N6 PP2261-2275 15 MAR 1967
OAR ACCESS NO.....020130-007
BY FINK W H
ALLEN L C
DDC NUMBER.....AD660467
INSTR...AF-49(638)-1625
PROJECT/TASK.....9760/01

AFOSR 67-2470
PRINCETON UNIVERSITY
NUMERICAL TEST OF THE INTEGRAL HELLMANN-FEYNMAN THEOREM
JOURNAL CHEMICAL PHYSICS V46 N8 PP3270-3271 15 APR 1967
OAR ACCESS NO.....020130-008
BY FINK W H
ALLEN L C
DDC NUMBER.....AD660478
INSTR...AF-49(638)-1625
PROJECT/TASK.....9760/01

AFOSR 67-2471
PRINCETON UNIVERSITY
A NEW APPROACH TO MANY-ELECTRON THEORY AT INTERMEDIATE
DENSITIES
QUANTUM THEORY OF ATOMS MOLECULES SOLID STATE ACADEMIC
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OAR ACCESS NO.....020130-009
BY ALLEN L C
DDC NUMBER.....AD660383
INSTR...AF-49(638)-1625
PROJECT/TASK.....9760/01

AFOSR 67-2472
VIRGINIA INSTITUTE FOR SCIENTIFIC RESEARCH
MOSSBAUER EFFECT SPECTRA OF AMMONIA ADSORPTION ON A
SUPPORTED IRON CATALYST
NATURE V214 N5083 PP77-80 1 APR 1967
OAR ACCESS NO.....015210-002
BY HOBSON M C JR
INSTR...AF-AFOSR-0734-65
PROJECT/TASK.....9760/03

AFOSR 67-2473
VIRGINIA INSTITUTE FOR SCIENTIFIC RESEARCH
MOSSBAUER EFFECT SPECTRA OF A SUPPORTED IRON CATALYST
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OAR ACCESS NO.....015210-003
BY HOBSON M C JR
CAMPBELL A D
DDC NUMBER.....AD660307
INSTR...AF-AFOSR-0734-65
PROJECT/TASK.....9760/03

AFOSR 67-2474
BROWN UNIVERSITY
EXTENDED DYNAMICAL SYSTEMS AND STABILITY THEORY
PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES USA V58 N2
PP405-409 AUG 1967
OAR ACCESS NO.....019593-001
BY HALE J K
INFANTE E F
INSTR...AF-AFOSR-0693-67
PROJECT/TASK.....9749/01

AFOSR 67-2474
BROWN UNIVERSITY
EXTENDED DYNAMICAL SYSTEMS AND STABILITY THEORY
PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES USA V58 N2
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OAR ACCESS NO.....019593-002
BY HALE J K
INFANTE E F
DDC NUMBER.....AD660298
INSTR...AF-AFOSR-0693-67
PROJECT/TASK.....9749/01

AFOSR 67-2475
UNIVERSITY OF WISCONSIN
SURFACE LATTICE DYNAMICS OF SILVER II LOW-ENERGY ELECTRON
THERMAL DIFFUSE SCATTERING
PHYSICAL REVIEW V160 N3 PP523-530 15 AUGUST 1967
OAR ACCESS NO.....012801-002
BY MCKINNEY J T
JONES E R
WEHR M R
DDC NUMBER.....AD660313
INSTR...AF-AFOSR-0081-66
PROJECT/TASK.....9761/03

AFOSR 67-2476
UNIVERSITY OF CALIFORNIA
A THEOREM ON RANK WITH APPLICATIONS TO MAPPINGS ON
SYMMETRY CLASSES OF TENSORS
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OAR ACCESS NO.....014931-003
BY MARCUS M
DDC NUMBER.....AD660298
INSTR...AF-AFOSR-0698-67
PROJECT/TASK.....9749/01

AFOSR 67-2477
HUGHES RESEARCH LABORATORIES
INTERACTION OF COHERENT LIGHT WITH SOLIDS AND WITH
TURBULENT ATMOSPHERES FINAL REPORT OCT 1967
OAR ACCESS NO.....015101-002
BY BROWN W P JR
GIULIANO C R
DDC NUMBER.....AD660589
INSTR...AF-49(638)-1607
PROJECT/TASK.....9768/02

AFOSR 67-2478
MCMASTER UNIVERSITY
A NUCLEAR MAGNETIC RESONANCE STUDY OF EXCHANGE RE ACTIONS
IN THE SYSTEM BORON TRIFLUORIDE-METHANOL A MODIFIED
INTERPRETATION
CANADIAN JOURNAL OF CHEMISTRY V45 PP2243-2246 1967
OAR ACCESS NO.....021030-002
BY GILLESPIE R J
HARTMAN J S
INSTR...AF-AFOSR-1127-66
PROJECT/TASK.....9710/01

AFOSR 67-2478
MCMASTER UNIVERSITY
A NUCLEAR MAGNETIC RESONANCE STUDY OF EXCHANGE RE ACTIONS
IN THE SYSTEM BORON TRIFLUORIDE-METHANOL A MODIFIED
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OAR ACCESS NO.....021030-003
BY GILLESPIE R J
HARTMAN J S
DDC NUMBER.....AD660484
INSTR...AF-AFOSR-1127-66
PROJECT/TASK.....9710/01

AFOSR 67-2479
UNIVERSITY OF CHICAGO
ROTATING FLUID MASSES
ANN REV ASTRON AND ASTROPHYS ANNUAL REVIEWS INC PALO ALTO
CALIF V5 PP465-480
OAR ACCESS NO.....009922-001
BY LEBOVITZ N R
DDC NUMBER.....AD660295
INSTR...AF-AFOSR-0712-67
PROJECT/TASK.....9749/01

AFOSR 67-2480
MICHIGAN STATE UNIVERSITY
MAGNETIC EFFECTS IN NICKEL THIOUREA DI-IODIDE
JOURNAL OF THE PHYSICAL SOCIETY OF JAPAN V23 N2 PP229-232
AUGUST 1967
OAR ACCESS NO.....008432-001
BY FONSTAD H
LOVE N D
MCELEARNEY J N
INSTR...AF-AFOSR-0630-67
PROJECT/TASK.....9763/03

AFOSR 67-2480
MICHIGAN STATE UNIVERSITY
MAGNETIC EFFECTS IN NICKEL THIOUREA DI-IODIDE
JOURNAL OF THE PHYSICAL SOCIETY OF JAPAN V23 N2 PP229-232
AUGUST 1967
OAR ACCESS NO.....008432-002
BY FONSTAD H
LOVE N D
MCELEARNEY J N
DDC NUMBER.....AD660296
INSTR...AF-AFOSR-0630-67
PROJECT/TASK.....9763/03

AFOSR 67-2481
GENERAL ELECTRIC COMPANY
BLOWING OF CURRENT PATTERNS IN NONEQUILIBRIUM PLASMAS
AIAA JOURNAL VS N9 PP1689-1690 1967
OAR ACCESS NO.....015631-002
BY SHERMAN A
YEH H
DDC NUMBER.....AD659461
INSTR...AF-49(638)-1109
PROJECT/TASK.....9752/01

AFOSR 67-2483
PRINCETON UNIVERSITY
CHEMICAL SHIFT NONEQUIVALENCE OF DIASTEREOTOPIC PROTONS
DUE TO RESTRICTED ROTATION AROUND AMYL--NITROGEN BONDS IN
SUBSTITUTED AMIDES
JOURNAL AMERICAN CHEMICAL SOCIETY V89 N19 PP4910-4917 13
SEP 1967
OAR ACCESS NO.....022000-006
BY SHVO Y
TAYLOR E C
MISLOW K
RAMAN M
DDC NUMBER.....AD660486
INSTR...AF-AFOSR-1188-67
PROJECT/TASK.....9762/01

AFOSR 67-2484
AEROSPACE RESEARCH ASSOCIATES INC
RESEARCH ON ENERGY ABSORBING STRUCTURES PART V
ARA REPORT NO 88 MARCH 1967
OAR ACCESS NO.....011101-002
BY HAZELSKY H
LIN T H
LIN S P
DDC NUMBER.....AD663836
INSTR...AF-AF(638)-1521
PROJECT/TASK.....9782/01

AFOSR 67-2485
UNIVERSITY OF TEXAS
THE CRYSTAL CHEMISTRY OF SELECTED AO5VO2 RARE EARTH
COMPOUNDS WITH SELENIUM TELLURIUM AND ANTIMONY
INORGANIC CHEMISTRY V6 N9 PP1685-1692 SEP 1967
OAR ACCESS NO.....010751-008
BY WANG R
STEINFINK H
DDC NUMBER.....AD660485
INSTR...AF-AFOSR-0408-65
PROJECT/TASK.....9761/02

AFOSR 67-2486
UNIVERSITY OF CALIFORNIA
THERMAL CONDUCTIVITY OF PURE TYPE-II SUPERCONDUCTORS IN
HIGH MAGNETIC FIELDS
THE PHYSICAL REVIEW V158 N2 PP397-399 10 JUNE 1967
OAR ACCESS NO.....008461-037
BY MAKI K
INSTR...AF-AFOSR-0610-64
PROJECT/TASK.....9761/01

AFOSR 67-2486
UNIVERSITY OF CALIFORNIA
THERMAL CONDUCTIVITY OF PURE TYPE-II SUPERCONDUCTORS IN
HIGH MAGNETIC FIELDS
THE PHYSICAL REVIEW V158 N2 PP397-399 10 JUNE 1967
OAR ACCESS NO.....008461-040
BY MAKI K
DDC NUMBER.....AD660483
INSTR...AF-AFOSR-0610-64
PROJECT/TASK.....9761/01

AFOSR 67-2487
UNIVERSITY OF CALIFORNIA
FLUCTUATIONS OF THE ORDER PARAMETER IN TYPE-II
SUPERCONDUCTORS II PURE LIMIT
THE PHYSICAL REVIEW V159 N2 PP316-326 10 JULY 1967
OAR ACCESS NO.....008461-038
BY CAROLI C
MAKI K
INSTR...AF-AFOSR-0610-64
PROJECT/TASK.....9761/01

AFOSR 67-2487
UNIVERSITY OF CALIFORNIA
FLUCTUATIONS OF THE ORDER PARAMETER IN TYPE-II
SUPERCONDUCTORS II PURE LIMIT
THE PHYSICAL REVIEW V159 N2 PP316-326 10 JULY 1967
OAR ACCESS NO.....008461-041
BY CAROLI C
MAKI K
DDC NUMBER.....AD660482
INSTR...AF-AFOSR-0610-64
PROJECT/TASK.....9761/01

AFOSR 67-2488
UNIVERSITY OF CALIFORNIA
FLUCTUATIONS OF THE ORDER PARAMETER IN TYPE-II
SUPERCONDUCTORS I DIRTY LIMIT
THE PHYSICAL REVIEW V159 N2 PP306-315 10 JULY 1967
OAR ACCESS NO.....008461-039
BY CAROLI C
MAKI K
INSTR...AF-AFOSR-0610-64
PROJECT/TASK.....9761/01

AFOSR 67-2488
UNIVERSITY OF CALIFORNIA
FLUCTUATIONS OF THE ORDER PARAMETER IN TYPE-II
SUPERCONDUCTORS I DIRTY LIMIT
THE PHYSICAL REVIEW V159 NP PP306-315 10 JULY 1967
OAR ACCESS NO.....008461-042
BY CAROLI C
MAKI K
DDC NUMBER.....AD660481
INSTR...AF-AFOSR-0610-64
PROJECT/TASK.....9761/01

AFOSR 67-2489
SOUTHERN ILLINOIS UNIVERSITY
ON THE SIGNIFICANCE OF TWO NEW PATTERSON FUNCTIONS FOR
DISORDERED CRYSTALS
ZEITSCHRIFT FUR KRISTALLOGRAPHIE V126 6/6 PP261-261 1967
OAR ACCESS NO.....016270-001
BY AMOROS M C
DDC NUMBER.....AD660297
INSTR...AF-AFOSR-0832-65
PROJECT/TASK.....9761/02

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MASSACHUSETTS INSTITUTE OF TECHNOLOGY
MALONETHYL-METAL COMPOUNDS XIV THE MECHANISM OF THE
PHENYL /DICHLOROMETHYL/ MERCURY-OLEFIN REACTION
JOURNAL AMERICAN CHEMICAL SOCIETY V89 N19 PP4953-4959 13
SEP 1967
OAR ACCESS NO.....014231-015
BY SEYFERTH D
DUY MUE J Y
HURLITCH J M
DDC NUMBER.....AD660302
INSTR...AF-AFOSR-0502-66
PROJECT/TASK.....9762/02

AFOSR 67-2492
FLORIDA ATLANTIC UNIVERSITY
ANOMON EFFECT LIMITS
PSYCHONOMIC SCIENCE V6 N4 PP179-180 1967
OAR ACCESS NO.....021N90-001
BY ADAMSON R E
DDC NUMBER.....AD660487
INSTR...AF-AFOSR-1183-66
PROJECT/TASK.....9776/01

AFOSR 67-2493
UNIVERSITY OF COLORADO
METHODS OF VALIDATION OF JUDGMENTS IN DECISION MAKING
FINAL REPORT AUG 1967
OAR ACCESS NO.....011342-001
BY ROSE R
INSTR...AF-AFOSR-0479-66
PROJECT/TASK.....9770/02

AFOSR 67-2494
OHIO STATE UNIVERSITY RESEARCH FOUNDATION
INDIVIDUAL PERFORMANCE AND SELF-EVALUATION AS A FUNCTION
OF LEVEL OF TEAM OUTPUT FINAL REPORT SEPT 1967
OAR ACCESS NO.....019851-001
BY JOHNSTON W A
HOWELL W C
DDC NUMBER.....AD660593
INSTR...AF-AFOSR-2985-67
PROJECT/TASK.....9776/02

AFOSR 67-2495
STANFORD RESEARCH INSTITUTE
RESPONSE OF A BURNING PROPELLANT SURFACE TO EROSIVE
TRANSIENTS
SRI PROJECT NO PGU 5918 NOV 1967
OAR ACCESS NO.....005293-007
BY MARXMAN G A
GOLDRICH C E
DDC NUMBER.....AD661575
INSTR...AF-49(638)-01665
PROJECT/TASK.....9713/01

AFOSR 67-2496
UNIVERSITY OF TEXAS
PLASMA HEATING AND WAVE PROPAGATION AT HARMONICS OF THE ION
CYCLOTRON FREQUENCY
EUROPEAN CONFERENCE ON CONTROLLED FUSION AND PLASMA
PHYSICS 2ND ED M KRISTIANSEN STOCKHOLM SWEDEN 14-17 AUG
1967
OAR ACCESS NO.....015242-038
BY KRISTIANSEN M
DOUGAL A A
INSTR...AF-AFOSR-0768-67
PROJECT/TASK.....9751/00

AFOSR 67-2497
UNIVERSITY OF TEXAS
BREAKDOWN MECHANISMS FOR LASER-INDUCED DISCHARGES IN SUPER-HIGH PRESSURE GASES
INTERNATIONAL CONFERENCE ON PHENOMENA IN IONIZED GASES 8TH ED AA DOUGAL VIENNA AUSTRIA 27 AUG - 2 SEP 1967
OAR ACCESS NO.....015242-036
BY DOUGAL A A — DDC NUMBER.....AD680587
GILL D M — INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....9751/00

AFOSR 67-2498
UNIVERSITY OF TEXAS
ON THE STABILITY CONSTRAINTS AND OSCILLATORY BEHAVIOUR OF COUPLED SYSTEMS
MIDWEST SYMPOSIUM ON CIRCUIT THEORY 10TH ED JK AGGARWAL PURDUE UNIV IND 16-19 MAY 1967
OAR ACCESS NO.....015240-016
BY AGGARWAL J K — DDC NUMBER.....AD660594
HYNER M M — INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....9751/00

AFOSR 67-2499
RICE UNIVERSITY
THEORETICAL NUCLEAR ASTROPHYSICS FINAL REPORT OCT 1967
OAR ACCESS NO.....016960-004
BY CLAYTON D D — DDC NUMBER.....AD622187
INSTR...AF-AFOSR-0855-65
PROJECT/TASK.....9751/02

AFOSR 67-2501
HARVARD UNIVERSITY
ALL POSSIBLE SYMMETRIES OF THE S MATRIX
PHYS REV V159 N5 PP1251-1256 25 JULY 1967
OAR ACCESS NO.....008861-060
BY COLEMAND S — DDC NUMBER.....AD660474
MANDULA J — INSTR...AF-49(638)-1380
PROJECT/TASK.....9751/01

AFOSR 67-2503
BRANDEIS UNIVERSITY
STATIONARY EMPTY SPACES ENERGY AND EUCLIDEAN BEHAVIOR /FRENCH/
COMPT REND ACAD SCI PARIS V264A PP405-408 3 MAY 1967
OAR ACCESS NO.....005154-002
BY DESER S — INSTR...AF-AFOSR-0363-67
PROJECT/TASK.....9767/04

AFOSR 67-2503
BRANDEIS UNIVERSITY
STATIONARY EMPTY SPACES ENERGY AND EUCLIDEAN BEHAVIOR /FRENCH/
COMPT REND ACAD SCI PARIS V264A PP405-408 3 MAY 1967
OAR ACCESS NO.....005154-003
BY DESER S — DDC NUMBER.....AD660491
INSTR...AF-AFOSR-0368-67
PROJECT/TASK.....9767/04

AFOSR 67-2504
UNIVERSITY OF SOUTHERN CALIFORNIA
RESEARCH IN THEORETICAL SOLID STATE PHYSICS FINAL REPORT OCT 1967
OAR ACCESS NO.....021270-003
BY KLEINMAN L — DDC NUMBER.....AD822154
INSTR...AF-AFOSR-1115-66
PROJECT/TASK.....9763/02

AFOSR 67-2505
UNIVERSITY OF OKLAHOMA
GENERALIZED GREENS MATRICES FOR TWO-POINT BOUNDARY PROBLEMS
SIAM JOURNAL OF APPLIED MATHEMATICS V15 N4 PP856-870 JULY 1967
OAR ACCESS NO.....00H233-003
BY REID W T — INSTR...AF-AFOSR-0749-65
PROJECT/TASK.....9749/02

AFOSR 67-2505
UNIVERSITY OF OKLAHOMA
GENERALIZED GREENS MATRICES FOR TWO-POINT BOUNDARY PROBLEMS
SIAM JOURNAL OF APPLIED MATHEMATICS V15 N4 PP855-870 JULY 1967
OAR ACCESS NO.....00H233-004
BY REID W T — DDC NUMBER.....AD680488
INSTR...AF-AFOSR-0749-65
PROJECT/TASK.....9749/02

AFOSR 67-2506
PURDUE UNIVERSITY
LOCAL WEIGHTS WHICH DETERMINE AREA AND THE ISING MODEL
JOURNAL OF MATHEMATICAL PHYSICS V8 N3 PP399-405 MARCH 1967
OAR ACCESS NO.....020480-002
BY BAXTER G — DDC NUMBER.....AD660497
INSTR...AF-AFOSR-0355-65
PROJECT/TASK.....9769/02

AFOSR 67-2507
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
THE CONVERGENCE OF FINITE ELEMENT METHOD IN SOLVING LINEAR ELASTIC PROBLEMS
INTERNATIONAL JOURNAL SOLIDS STRUCTURES V3 PP865-879 1967
OAR ACCESS NO.....008084-003
BY TONG P — INSTR...AF-AFOSR-0367-65
PIAN T H H — PROJECT/TASK.....9782/01

AFOSR 67-2507
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
THE CONVERGENCE OF FINITE ELEMENT METHOD IN SOLVING LINEAR ELASTIC PROBLEMS
INTERNATIONAL JOURNAL SOLIDS STRUCTURES V3 PP865-879 1967
OAR ACCESS NO.....008084-005
BY TONG P — DDC NUMBER.....AD660479
PIAN T H H — INSTR...AF-AFOSR-0367-65
PROJECT/TASK.....9782/01

AFOSR 67-2508
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
BUCKLING OF RADIALLY CONSTRAINED CIRCULAR RING UNDER DISTRIBUTED LOADING
INTERNATIONAL JOURNAL SOLIDS STRUCTURES V3 PP715-730 1967
OAR ACCESS NO.....008084-004
BY PIAN T H H — INSTR...AF-AFOSR-0367-65
MUCCIARCELLI L L JR — PROJECT/TASK.....9782/01

AFOSR 67-2508
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
BUCKLING OF RADIALLY CONSTRAINED CIRCULAR RING UNDER DISTRIBUTED LOADING
INTERNATIONAL JOURNAL SOLIDS STRUCTURES V3 PP715-730 1967
OAR ACCESS NO.....008084-006
BY PIAN T H H — DDC NUMBER.....AD660480
MUCCIARCELLI L L JR — INSTR...AF-AFOSR-0367-65
PROJECT/TASK.....9782/01

AFOSR 67-2509
UNIVERSITY OF CHICAGO
THEORY OF HOT ELECTRONS IN GASES LIQUIDS AND SOLIDS
THE PHYSICAL REVIEW V158 N2 PP305-309 10 JUNE 1967
OAR ACCESS NO.....015061-011
BY COHEN M H — DDC NUMBER.....AD660489
LEKNER J — INSTR...AF-AFOSR-0781-67
PROJECT/TASK.....9760/01

AFOSR 67-2511
UNIVERSITY OF CALIFORNIA
ON THE RESPONSE OF SHALLOW THIN SHELLS TO RANDOM EXCITATIONS
NC 6 NOV 1967
OAR ACCESS NO.....022790-006
BY NEMAT-NASSEN S — DDC NUMBER.....AD661972
INSTR...AF-AFOSR-1226-67
PROJECT/TASK.....9782/01

AFOSR 67-2512
CALIFORNIA INSTITUTE OF TECHNOLOGY
AFOSR PROGRAM ON LIQUID STRUCTURES FINAL REPORT OCT 1967
OAR ACCESS NO.....014610-022
BY PENGS C J — DDC NUMBER.....AD660684
INSTR...AF-49(638)-1273
PROJECT/TASK.....9710/03

AFOSR 67-2513
STANFORD UNIVERSITY
ANALYSIS OF THE SKELETAL CONFIGURATION OF CRYSTALLINE HEN EGG-WHITE LYSOZYME
PROCEEDINGS NATIONAL ACADEMY OF SCIENCES USA V58 N2 PP428-435 AUG 1967
OAR ACCESS NO.....010391-031
BY BRANT D A — DDC NUMBER.....AD660681
SCHIMMEL P R — INSTR...AF-49(638)-1341
PROJECT/TASK.....9760/03

AFOSR 67-2514
UNIVERSITY OF FLORIDA
THERMAL DISEQUILIBRIUM IN TURBULENT DIFFUSION FLAMES
JOURNAL QUANTUM SPECTROSCOPY RADIATION TRANSFER V7 PP703-713 1967
OAR ACCESS NO.....020431-002
BY DE GALAN L — DDC NUMBER.....AD660686
WINEFORDNER J D — INSTR...AF-AFOSR-1033-67
PROJECT/TASK.....9710/03

AFOSR 67-2515
COLUMBIA UNIVERSITY
PHOTOCHEMICAL REACTIVITY
JOURNAL CHEMICAL EDUCATION V44 N9 PP536-537 SEP 1967
OAR ACCESS NO.....019A00-004
BY TURRO N J — DDC NUMBER.....AD660667
INSTR...AF-AFOSR-1000-66
PROJECT/TASK.....9760/02

AFOSR 67-2516
CARNEGIE-MELLON UNIVERSITY
SOL - 20
22 APRIL 1965
OAR ACCESS NO.....022900-021
BY HANSEN G J
DOC NUMBER.....AD660885
INSTR...SD -146
PROJECT/TASK.....9718/00

AFOSR 67-2517
CARNEGIE-MELLON UNIVERSITY
NEW PROOFS OF OLD THEOREMS IN LOGIC AND FORMAL LINGUISTICS
NOVEMBER 1966
OAR ACCESS NO.....022900-022
BY FLOYD R W
DOC NUMBER.....AD660886
INSTR...SD -146
PROJECT/TASK.....9718/00

AFOSR 67-2518
CARNEGIE-MELLON UNIVERSITY
SCADS A PROGRAMMING SYSTEM FOR THE SIMULATION OF COMBINED ANALOG DIGITAL SYSTEMS
MARCH 1964
OAR ACCESS NO.....022900-023
BY STRAUSS J C
GILBERT W L
DOC NUMBER.....AD660887
INSTR...SD -146
PROJECT/TASK.....9718/00

AFOSR 67-2519
ARCTIC INSTITUTE OF NORTH AMERICA
TIME DOMAIN STUDIES OF SHORT PERIOD TELESEISMIC P PHASES
FINAL REPORT SEPT 1967
OAR ACCESS NO.....011982-001
BY DASHAW P W
DOC NUMBER.....AD670191
INSTR...AF-AFOSR-0702-67
PROJECT/TASK.....8652/00

AFOSR 67-2520
BOSTON UNIVERSITY
ELECTROMAGNETIC PROPERTIES OF MESONS IN THE QUARK MODEL
NUCLEAR PHYSICS B2 N2 PP307-315 15 JUN 67
OAR ACCESS NO.....011362-017
BY ISHIDA S
KUNNO K
ROMAN P
SHIMODAIRA H
DOC NUMBER.....AD660671
INSTR...AF-AFOSR-0385-65
PROJECT/TASK.....9751/01

AFOSR 67-2521
HARVARD UNIVERSITY
SIMPLE FORMULA FOR THE DRELL-HALECKA FORM FACTORS IN QUASI-ELASTIC ELECTRODYNAMIC PROCESSES
THE PHYSICAL REVIEW V157 N4 PP871-873 20 MAY 1967
OAR ACCESS NO.....004981-041
BY HENRY G R
DOC NUMBER.....AD660687
INSTR...AF-49/638/01380
PROJECT/TASK.....9751/01

AFOSR 67-2522
RICE UNIVERSITY
MICROWAVE RADIATION OF SINGLY CHARGED HELIUM 3 FROM H II REGIONS
ASTROPHYSICAL J V149 PP15-22 JULY 1967
OAR ACCESS NO.....016560-005
BY GOLDWIRE H C JR
GOSS W M
DOC NUMBER.....AD660669
INSTR...AF-AFOSR-0855-65
PROJECT/TASK.....9751/02

AFOSR 67-2522
RICE UNIVERSITY
MICROWAVE RADIATION OF SINGLY CHARGED HELIUM 3 FROM H II REGIONS
ASTROPHYSICAL J V149 PP15-22 JULY 1967
OAR ACCESS NO.....016560-009
BY GOLDWIRE H C JR
GOSS W M
DOC NUMBER.....AD660669
INSTR...AF-AFOSR-0855-65
PROJECT/TASK.....9751/02

AFOSR 67-2523
RICE UNIVERSITY
TERMINATION OF THE S-PROCESS
ASTROPHYSICAL J V148 PP89-85 APR 1967
OAR ACCESS NO.....016560-006
BY CLAYTON D D
RASSBACH M E
INSTR...AF-AFOSR-0855-65
PROJECT/TASK.....9751/02

AFOSR 67-252
RICE UNIVERSITY
TERMINATION OF THE S-PROCESS
ASTROPHYSICAL J V148 PP89-85 APR 1967
OAR ACCESS NO.....016560-010
BY CLAYTON D D
RASSBACH M C
DOC NUMBER.....AD660673
INSTR...AF-AFOSR-0855-65
PROJECT/TASK.....9751/02

AFOSR 67-2524
BRANDEIS UNIVERSITY
THE SIGN OF THE GRAVITATIONAL FORCE
ANNALS OF PHYSICS V43 N3 PP436-461 JUL 1967
OAR ACCESS NO.....008153-007
BY DESER S
PIRANI F A E
INSTR...AF-AFOSR-0368-65
PROJECT/TASK.....9767/06

AFOSR 67-2524
BRANDEIS UNIVERSITY
THE SIGN OF THE GRAVITATIONAL FORCE
ANNALS OF PHYSICS V43 N3 PP436-461 JUL 1967
OAR ACCESS NO.....008153-008
BY DESER S
PIRANI F A E
DOC NUMBER.....AD660670
INSTR...AF-AFOSR-0368-65
PROJECT/TASK.....9767/06

AFOSR 67-2525
HARVARD UNIVERSITY
SOURCES AND ELECTRODYNAMICS
PHYSICAL REVIEW V158 N5 PP1391-1407 25 JUN 1967
OAR ACCESS NO.....004861-042
BY SCHWINGER J
DOC NUMBER.....AD660699
INSTR...AF-49/638/01380
PROJECT/TASK.....9751/01

AFOSR 67-2526
UNIVERSITY OF CHICAGO
MEASUREMENT OF PRIMARY AND ALBEDO COSMIC RAYS ON A POLAR ORBITING SATELLITE
PLANET SPACE SCI V15 N7 PP1169-1180 JULY 1967
OAR ACCESS NO.....000625-009
BY MURAYAMA T
DOC NUMBER.....AD660676
INSTR...AF-49/638/01642
PROJECT/TASK.....9751/04

AFOSR 67-2527
UNIVERSITY OF CHICAGO
A SEARCH FOR ALPHA PARTICLES TRAPPED IN THE GEOMAGNETIC FIELD
JOURNAL OF GEOPHYSICAL RESEARCH V72 N15 PP3885-3894 1 AUG 1967
OAR ACCESS NO.....000625-010
BY FENTON K B
DOC NUMBER.....AD660677
INSTR...AF-49/638/01642
PROJECT/TASK.....9751/04

AFOSR 67-2528
UNIVERSITY OF ILLINOIS
GAS LASER STUDIES IN THE 100 TO 1000 MICRON RANGE FINAL REPORT SEPT 1967
OAR ACCESS NO.....016982-001
BY COLEMAN P D
DOC NUMBER.....AD661120
INSTR...AF-AFOSR-1147-66
PROJECT/TASK.....9768/02

AFOSR 67-2530
INST NACIONAL DE TECNICA AEROSPACIAL
COMPILATION OF ABSTRACTS-4TH AFOSR COMBINED CONTRACTORS MEETING ON COMBUSTION DYNAMICS RESEARCH
AFOSR COMBINED CONTRACTORS MEETING ON COMBUSTION DYNAMICS RESEARCH 4TH MADRID SPAIN 8-12 JUL 1968
OAR ACCESS NO.....013600-001
DOC NUMBER.....AD676060
INSTR...AF-EOAR -0027-6R
PROJECT/TASK.....9711/01

AFOSR 67-2531
UNIVERSITY OF BERGEN
ON THE COHERENCY OF X-RAY AND OPTICAL PULSATIONS IN AUROMAS
J OF GEOPHYSICAL RESEARCH V72 N13 PP3504-3506 1 JUL 1967
OAR ACCESS NO.....017170-002
BY ROSENBERG T J
AJOROAL J
KVIFTE G J
DOC NUMBER.....AD660648
INSTR...AF-61/052/00869
PROJECT/TASK.....9751/04

AFOSR 67-2534
CARNEGIE-MELLON UNIVERSITY
MORPHOLOGY OF THE NEVADA CATTLEBRANDS AND THEIR BLAZONS PART TWO
OAR ACCESS NO.....022900-024
BY WATT W C
DOC NUMBER.....AD660888
INSTR...SD -146
PROJECT/TASK.....9718/00

AFOSR 67-2535
STANFORD UNIVERSITY
DIMERIZATION OF 2 4-DIPHENYLPENTANE AN OLIGOMER OF POLYSTYRENE
JOURNAL AMERICAN CHEMICAL SOCIETY V89 PP4807-4808 1967
OAR ACCESS NO.....010381-032
BY WILLIAMS A D
BRAUNAN J I
NELSON N J
FLORY P J
DOC NUMBER.....AD660683
INSTR...AF-49/638/01381
PROJECT/TASK.....9760/03

AFOSR 67-2536
UNIVERSITA DEGLI STUDI DI PISA
ANALYSIS OF POLARIZED LIGHT IN WOLF-SPIDERS
INTERNATIONAL PROCEEDINGS ON THE FUNCTIONAL ORGANIZATION
OF THE COMPOUND EYE STOCKHOLM SWEDEN 25-27 OCTOBER 1965
PP171-186 1966
OAR ACCESS NO.....000724-009
BY MAGNI F
INSTR...AF-EOAR -0037-66
PROJECT/TASK.....9777/01

AFOSR 67-2536
UNIVERSITA DEGLI STUDI DI PISA
ANALYSIS OF POLARIZED LIGHT IN WOLF-SPIDERS
INTERNATIONAL PROCEEDINGS IN THE FUNCTIONAL
ORGANIZATION OF THE COMPOUND EYE STOCKHOLM SWEDEN 25-27
OCTOBER 1965 PP171-186 1966
OAR ACCESS NO.....000724-010
BY MAGNI F
DDC NUMBER.....AD660666
INSTR...AF-EOAR -0037-66
PROJECT/TASK.....9777/01

AFOSR 67-2537
UNIVERSITY OF PISA
BINOCULAR RECIPROCAL INTERACTION UPON FIBER ENDINGS IN THE
LATERAL GENICULATE NUCLEUS OF THE CAT
BRAIN RESEARCH V2 PP188-192 1966
OAR ACCESS NO.....019640-006
BY MARCHIAFAVA P L
DDC NUMBER.....AD660720
INSTR...AF-61/052/00830
PROJECT/TASK.....9777/01

AFOSR 67-2538
UNIVERSITY OF PISA
SPATIAL AND TEMPORAL ORGANIZATION IN RETINAL UNITS
KYBERNETIK V3 N4 PP196-202 NOVEMBER 1966
OAR ACCESS NO.....019640-005
BY GESTRI G
DDC NUMBER.....AD660723
MAFFEI L
INSTR...AF-61/052/00830
PETRACCHI D
PROJECT/TASK.....9777/01

AFOSR 67-2539
UNIVERSITY OF PISA
THE EXCITABILITY OF OPTIC NERVE TERMINALS IN THE LATERAL
GENICULATE NUCLEUS AFTER STIMULATION OF VISUAL CORTEX
ARCHIVES ITALIENNES DE BIOLOGIE V105 PP104-117 1967
OAR ACCESS NO.....019640-008
BY ANGEL A
DDC NUMBER.....AD660722
MAGNI F
INSTR...AF-61/052/00830
STRATA P
PROJECT/TASK.....9777/01

AFOSR 67-2540
UNIVERSITY OF PISA
STATISTICAL INDEPENDENCE OF EVENTS IN NEIGHBORING RETINAL
UNITS
BRAIN RESEARCH V2 PP357-368 1966
OAR ACCESS NO.....019640-007
BY GESTRI G
DDC NUMBER.....AD660721
MAFFEI L
INSTR...AF-61/052/00830
PETRACCHI D
PROJECT/TASK.....9777/01

AFOSR 67-2541
UNIVERSITY OF PISA
A NEURAL COMPONENT IN DARK ADAPTATION
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OAR ACCESS NO.....019640-008
BY MAFFEI L
DDC NUMBER.....AD660741
POPPELE R E
INSTR...AF-61/052/00830
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RETINAL RESPONSES WITH DIFFERENT BACKGROUND LIGHT AND
PSYCHOPHYSICAL CORRELATION
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OAR ACCESS NO.....019640-009
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DDC NUMBER.....AD660742
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BY MAFFEI L
DDC NUMBER.....AD660743
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INSTR...AF-61/052/00830
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DDC NUMBER.....AD660764
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INSTR...AF-61/052/00830
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STABLE PHOTIC STIMULATION OF FREELY MOVING CATS
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PP304-305 1966
OAR ACCESS NO.....019640-013
BY BERLUCCHI G
DDC NUMBER.....AD660746
MUNSON J B
INSTR...AF-61/052/00830
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OAR ACCESS NO.....019640-014
BY MARCHIAFAVA P L
DDC NUMBER.....AD660747
PEPEU G C
INSTR...AF-61/052/00830
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OAR ACCESS NO.....000723-006
BY TRADARDI V
DDC NUMBER.....AD660784
INSTR...AF-EOAR -0009-63
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ULTRASENSITIVE DETECTION OF CERTAIN MICROBIAL METABOLITES
BY GAS CHROMATOGRAPHY
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BY MITRUKA B M
DDC NUMBER.....AD660780
ALEXANDER H
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POLYNOMIALS WITH NODES LYING ON A PIECEWISE ANALYTIC
JORDAN CURVE WITH CUSPS
OAR ACCESS NO.....006854-001
BY O MARA P J JR
DDC NUMBER.....AD664083
INSTR...AF-AFOSR-0358-66
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DDC NUMBER.....AD661585
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EQUATIONS
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OAR ACCESS NO.....001113-002
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DDC NUMBER.....AD660782
VACHENAUER P
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DDC NUMBER.....AD660781
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BY GREEN A E S — DOC NUMBER.....AD660783
SAWADA T — INSTR...AF-AFOSR-0902-66
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PUJOL J F — PROJECT/TASK.....9777/01
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BY DELORME F — DOC NUMBER.....AD660928
FROMENT J L — INSTR...AF-EOAR -0066-66
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MACGREGOR M H — INSTR...AF-AFOSR-0902-66
WILSON R — PROJECT/TASK.....9751/02

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BY SCHWARTZ C — DOC NUMBER.....AD660955
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EISNER M — INSTR...AF-AFOSR-0173-65
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DONNELLY R J — INSTR...AF-AFOSR-0785-65
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PICKFORD M — INSTR...AF-EOAR -0017-65
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ANDERSON D E
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BY WEINZIERL P
DOC NUMBER.....AD661283
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DOC NUMBER.....AD662848
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OAR ACCESS NO.....001333-014
BY ALLENTUCH A
BRADY K
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DOC NUMBER.....AD661127
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BY ADEY W R
DOC NUMBER.....AD661130
INSTR...AF-49/638/01367
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BY BATINI C
KADO R T
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SAUR E
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BY LI T H
DOC NUMBER.....AD661328
INSTR...AF-AFOSR-0268-67
PROJECT/TASK.....9781/02

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DOC NUMBER.....AD660111
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BY FOWLER T K
ORUMMOND W E
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NONLINEAR INSTABILITY
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LISHAJKO F — INSTR...AF-EOAR -0018-67
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OAR ACCESS NO.....500510-002
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KANEKO A — INSTR...MIPR -0009-65
MURAKAMI M — PROJECT/TASK.....9777/01
PAUTLER E L

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BY BLACKSTOCK D T — DDC NUMBER.....AD661414
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BY JAFFE A M — DDC NUMBER.....AD661433
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CZAJKOWSKI M — INSTR...AF-AFOSR-0361-65
KNAUSE L — PROJECT/TASK.....9767/02

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OAR ACCESS NO.....023110-002
BY BARE C — DDC NUMBER.....AD661436
CLARK H G — INSTR...AF-AFOSR-1260-67
KELLERMANN K I — PROJECT/TASK.....9767/02
COHEN M H
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MERCER G N — INSTR...AF-AFOSR-0620-65
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BY STEHL R H — DOC NUMBER.....AD661700
MARGERUM D W — INSTR...AF-AFOSR-0136-65
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EARLEY J E — INSTR...AF-AFOSR-0133-65
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INSTR...AF-49(638)01556
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BY HAZI A U — DOC NUMBER.....AD661708
RICE S A — INSTR...AF-AFOSR-0781-67
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BY MAPLE M B — DOC NUMBER.....AD661707
LUO H L — INSTR...AF-AFOSR-0631-67
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OAR ACCESS NO.....000581-033
BY DANZIGER I J — DOC NUMBER.....AD661718
WALLERSTEIN G — INSTR...AF-49(638)1123
MUNN-VITENSE E — PROJECT/TASK.....9774/01

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OAR ACCESS NO.....000DE3-053
BY [illegible] — DOC NUMBER.....AD661737
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OAR ACCESS NO.....011132-011
BY [illegible] — DOC NUMBER.....AD661723
CAPLEY G — INSTR...AF-AFOSR-0381-65
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OAR ACCESS NO.....015271-006
BY COLEMAN B D
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INSTR...AF-AFOSR-0728-66
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OAR ACCESS NO.....001793-099
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INSTR...AF-49(638)-1389
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OAR ACCESS NO.....019171-001
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DOC NUMBER.....AD661711
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OAR ACCESS NO.....014231-016
BY SEYFERTH D
DERTOUZOS
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TORRALBO A M
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INSTR...AF-61(052)-00881
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INSTR...AF-AFOSR-0834-65
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BY CURRIE R G
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INSTR...AF-AFOSR-1022-66
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OAR ACCESS NO.....500081-003
BY MAHAJAN K K
DOC NUMBER.....AD662129
INSTR...F44620-67-C-0066
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10 7 CM-SOLAR RADIO FLUX AND IONOSPHERIC TEMPERATURES
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OAR ACCESS NO.....500081-004
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OAR ACCESS NO.....500081-005
BY DYCE R R
PETTENGILL G H
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BY SUTTON J
HAZARD C
GULKIS S
DDC NUMBER.....AD662158
INSTR...P44620-67-C-0066
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CALIFORNIA INSTITUTE OF TECHNOLOGY
ELECTROMAGNETIC SCATTERING FROM CYLINDRICALLY AND SPHERICALLY STRATIFIED BODIES
OAR ACCESS NO.....000153-006
BY LATHAM R W
DDC NUMBER.....AD664050
INSTR...AF-AFOSR-1400-66
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CALIFORNIA INSTITUTE OF TECHNOLOGY
ELECTROMAGNETIC SCATTERING FROM CYLINDRICALLY AND SPHERICAL STRATIFIED BODIES
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BY QUITTNER G
LEGLER E
DDC NUMBER.....AD662131
INSTR...AF-61(052)-0638
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OAR ACCESS NO.....007783-009
BY MALPERN M B
DDC NUMBER.....AD662133
INSTR...AF-AFOSR-0042-65
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UNIVERSITY OF CAMBRIDGE
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OAR ACCESS NO.....013011-024
BY LEADER E
DDC NUMBER.....AD662135
INSTR...AF-EOAR -0036-65
PROJECT/TASK.....9751/01

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UNIVERSITY OF CAMBRIDGE
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OAR ACCESS NO.....013011-025
BY DEAN N W
DDC NUMBER.....AD662170
INSTR...AF-EOAR -0036-65
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BROWN UNIVERSITY
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UNIVERSITY OF MARYLAND
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OAR ACCESS NO.....002223-012
BY SOFFER J
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DDC NUMBER.....AD662167
INSTR...AF-AFOSR-0500-66
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UNIVERSITY OF ALASKA
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BY KUHOTA S
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DDC NUMBER.....AD669249
INSTR...AF-AFOSR-0701-66
PROJECT/TASK.....8652/00

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UNIVERSITY OF FLORIDA
A SIMPLE DEVICE FOR SAMPLING GASES WITHOUT AIR CONTAMINATION
OAR ACCESS NO.....020430-014
BY WILLIAMS M P
OVERFIELD C V
WINEFORDNER J D
INSTR...AF-AFOSR-1033-66
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OAR ACCESS NO.....002582-010
BY JANZ G J
INSTR...AF-AFOSR-0181-63
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BY SATO R
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DDC NUMBER.....AD662167
INSTR...AF-AFOSR-0303-62
PROJECT/TASK.....8652/00

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UNIVERSITY OF NEVADA
SOLID EARTH TIDES AS A TRIGGERING MECHANISM FOR EARTHQUAKES
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OAR ACCESS NO.....011472-001
BY VANWORMER J D
DDC NUMBER.....AD662356
INSTR...AF-AFOSR-0646-66
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THEORETICAL DISCUSSIONS CONCERNING DEGENERACY
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OAR ACCESS NO.....007783-010
BY TUAN S F
WU T T
DDC NUMBER.....AD662308
INSTR...AF-AFOSR-0042-65
PROJECT/TASK.....9751/01

AFOSR 67-2709
INSTITUTE FOR ADVANCED STUDY
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DDC NUMBER.....AD662308
INSTR...AF-AFOSR-0042-65
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AFOSR 67-2710
UNIVERSITY OF WESTERN AUSTRALIA
ON THE POSSIBLE ROLE OF DISLOCATIONS IN GENERATING ORDERED AND DISORDERED SHEAR STRUCTURES
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OAR ACCESS NO.....016761-001
BY ANDERSON J S
HYDE B G
DDC NUMBER.....AD662307
INSTR...AF-AFOSR-0853-67
PROJECT/TASK.....9760/01

AFOSR 67-2712
UNIVERSITY OF CALIFORNIA
LOW-TEMPERATURE SPECIFIC HEAT OF ARSENIC
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OAR ACCESS NO.....017940-002
BY TAYLOR R A
MCCOLLUM D C
PASSENHEIM B C
WHITE M W
DDC NUMBER.....AD662310
INSTR...AF-AFOSR-0949-65
PROJECT/TASK.....9763/01

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BY KOPP C V
MCDONALD R L
DDC NUMBER.....AD662309
INSTR...AF-AFOSR-0065-65
PROJECT/TASK.....9710/02

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CARNEGIE-MELLON UNIVERSITY
AN NB SUPER - RECOGNIZER FOR CONTEXT FREE GRAMMARS
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BY FARLEY J

OAR ACCESS NO.....022900-025
DDC NUMBER.....AD662633
INSTR...SD -146
PROJECT/TASK.....9718/00

AFOSR 67-2718
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BY MOHRL H

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INSTR...AF-AFOSR-0920-65
PROJECT/TASK.....9761/02

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BY UDIAS A

OAR ACCESS NO.....015960-010
DDC NUMBER.....AD662311
INSTR...AF-61/052/00657
PROJECT/TASK.....8652/00

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BY NEHARI Z

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DDC NUMBER.....AD662296
INSTR...AF-AFOSR-0418-67
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SYSTEM RESEARCH LTD
TESTS FOR A SIMPLE LEARNING AND PERCEIVING ARTIFACT
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BY PASK G A
FELDMANN R J

OAR ACCESS NO.....012690-009
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INSTR...AF-61/052/00640
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AFOSR 67-2720
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BY PASK G

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INSTR...AF-61/052/00640
PROJECT/TASK.....9769/04

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BY PASK G

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INSTR...F61052-67-C-0010
PROJECT/TASK.....9769/04

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BY KATZ S
SHINNAR R

OAR ACCESS NO.....017770-005
DDC NUMBER.....AD629562
INSTR...AF-AFOSR-0921-65
PROJECT/TASK.....9711/01

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BY COOPER L M
SCHUBOT E
DANFORD S A
TART C T

OAR ACCESS NO.....015670-007
DDC NUMBER.....AD662431
INSTR...AF-49/638/01436
PROJECT/TASK.....9778/01

AFOSR 67-2725
UNIVERSITY OF MICHIGAN
MAN AS AN INTUITIVE STATISTICIAN
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BY PETERSON C R
BEACH L R

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INSTR...AF-49/638/01731
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BY GRIM S O
WHEATLAND D A
MCFARLANE W

OAR ACCESS NO.....015430-006
DDC NUMBER.....AD662439
INSTR...AF-AFOSR-0782-65
PROJECT/TASK.....9710/01

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BY OBRIEN W F
FONER S

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DDC NUMBER.....AD662422
INSTR...AF4620-67-C-0047
PROJECT/TASK.....9764/01

AFOSR 67-2728
UNIVERSITY OF NEW YORK
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BY SARACHIK M P
SMALTIEL D

OAR ACCESS NO.....017081-001
DDC NUMBER.....AD662475
INSTR...AF-AFOSR-0894-67
PROJECT/TASK.....9763/03

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BY HILGARD E R
COOPER L M
LENOX J
MORGAN A H
VOIEVODSKY J

OAR ACCESS NO.....015670-009
DDC NUMBER.....AD662430
INSTR...AF-49/638/01436
PROJECT/TASK.....9778/01

AFOSR 67-2730
UNIVERSITY OF ROCHESTER
COHERENCE PROPERTIES OF BLACKBODY RADIATION III CROSS-SPECTRAL TENSORS
PHYSICAL REVIEW V161 N5 PP1328-1334 25 SEP 1967

BY MEHTA C L
WOLF E

OAR ACCESS NO.....004823-013
DDC NUMBER.....AD662297
INSTR...AF-AFOSR-0237-65
PROJECT/TASK.....9767/02

AFOSR 67-2731
WASHINGTON UNIVERSITY
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BY MELCHER R L
BULEY G I
STEVENSON R W H

OAR ACCESS NO.....015780-001
DDC NUMBER.....AD662301
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AFOSR 67-2732
COLUMBIA UNIVERSITY
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BY HUDSON P D

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DDC NUMBER.....AD662433
INSTR...AF-49/638/01358
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UNIVERSITY OF CALIFORNIA
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BY LIBBY W F

OAR ACCESS NO.....012962-007
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INSTR...AF-AFOSR-0245-65
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BY STENGER W

OAR ACCESS NO.....001523-022
DOC NUMBER.....AD662477
INSTR...AF-AFOSR-0400-64
PROJECT/TASK.....9763/01

AFOSR 67-2735
UNIVERSIDAD NACIONAL DE TRUJILLO
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BY MEDINA A
UTANU L
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OAR ACCESS NO.....022380-001
DOC NUMBER.....AD662631
INSTR...AF-AFOSR-0884-66
PROJECT/TASK.....9777/01

AFOSR 67-2736
COLUMBIA UNIVERSITY
COMMENT ON THE DEVIATION FROM AN INVERSE SIXTH POWER POTENTIAL IN THE SCATTERING OF A POLAR MOLECULE BY NONPOLAR GASES
THE JOURNAL OF CHEMICAL PHYSICS V47 N2 PP871-872 15 JUL 67

BY CAHILL P

OAR ACCESS NO.....000063-002
DOC NUMBER.....AD661428
INSTR...AF-AFOSR-0330-66
PROJECT/TASK.....9767/01

AFOSR 67-2737
UNIVERSITY OF TEXAS
CRYSTAL CHEMISTRY OF AMSUB2 STRUCTURES I INVESTIGATIONS ON ABSUB2 SECTIONS IN THE TERNARY SYSTEMS RARE EARTH-ALUMINUM-SILICON - GERMANIUM AND - TIN
INORGANIC CHEMISTRY V6 PP1789 1967

BY RAMAN A
STEINFINK H

OAR ACCESS NO.....010751-009
DOC NUMBER.....AD662455
INSTR...AF-AFOSR-0806-65
PROJECT/TASK.....9761/02

AFOSR 67-2738
TEXAS A&M UNIVERSITY
CONTOUR DISTORTIONS IN RELATIVISTIC THREE-PARTICLE SCATTERING EQUATIONS
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BY NUTTALL J

OAR ACCESS NO.....017450-010
DOC NUMBER.....AD662448
INSTR...AF-AFOSR-0918-65
PROJECT/TASK.....9751/02

AFOSR 67-2739
CORNELL UNIVERSITY
SOLID STATE STUDIES OF ALKALI METALS IN TRANSITION-METAL OXIDES
THE ALKALI METALS SPECIAL PUBLICATION N27 PP429-451 1967

BY SIENKO M J

OAR ACCESS NO.....003192-007
DOC NUMBER.....AD662463
INSTR...AF-AFOSR-0796-65
PROJECT/TASK.....9761/02

AFOSR 67-2740
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
THE EFFECTS OF HIGH MAGNETIC FIELDS ON THE ISOTHERMAL DISSOLUTION AND GROWTH RATES OF FERROUS AMMONIUM SULFATE HEXAHYDRATE AND POTASSIUM ALUMINUM SULFATE
JOURNAL OF CRYSTAL GROWTH V1 PP131-138 1967

BY SCHIEMER W

OAR ACCESS NO.....007912-032
DOC NUMBER.....AD662650
INSTR...F44620-67-C-0047
PROJECT/TASK.....9768/01

AFOSR 67-2741
WASHINGTON UNIVERSITY
PROPERTIES OF ELECTRICALLY EXCITABLE MEMBRANES FINAL REPORT NOV 1967

BY PICKARD W F

OAR ACCESS NO.....023160-001
DOC NUMBER.....AD662595
INSTR...AF-AFOSR-1239-67
PROJECT/TASK.....9777/01

AFOSR 67-2742
UNIVERSITY OF UTAH
PERIODICITY IN THE AUTONOMIC DISCHARGE FINAL REPORT NOV 1967

BY PERL E R

OAR ACCESS NO.....015770-002
DOC NUMBER.....AD662898
INSTR...AF-AFOSR-0748-65
PROJECT/TASK.....9777/01

AFOSR 67-2743
UNIVERSITY OF MICHIGAN
INSTRUCTIONS ABOUT RANDOMNESS AND RUN DEPENDENCY IN TWO-CHOICE LEARNING
JOURNAL OF EXPERIMENTAL PSYCHOLOGY V75 N2 PP279-282 1967

BY BEACH L R
SWENSSON R G

OAR ACCESS NO.....022070-003
DOC NUMBER.....AD662434
INSTR...AF-49/638/01731
PROJECT/TASK.....9778/01

AFOSR 67-2744
UNIVERSITY OF CALIFORNIA
STIMULATION OF JUPITERS RADIO EMISSION BY IO
NATURE V214 N5084 PP126-128 8 APRIL 1967

BY MARSHALL L
LIBBY W F

OAR ACCESS NO.....012962-008
DOC NUMBER.....AD662452
INSTR...AF-AFOSR-0245-65
PROJECT/TASK.....9710/03

AFOSR 67-2746
UNIVERSITY OF CALIFORNIA
SUPERCONDUCTIVITY AND HARDNESS
PHYSICS LETTERS V25A N3 PP226-227 AUGUST 14 1967

BY MATTHIAS B T

OAR ACCESS NO.....018831-006
DOC NUMBER.....AD662435
INSTR...AF-AFOSR-0631-67
PROJECT/TASK.....9763/03

AFOSR 67-2747
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
APPROACH TO MAGNETIC SATURATION IN SINGLE CRYSTAL THULIUM AT 62 SUPER 0 K AND 140 KG
PHYSICS LETTERS V25A N6 PP321-322 28 AUGUST 1967

BY FONER S
SCHIEBER M
MCNIFF E J JR

OAR ACCESS NO.....007912-033
DOC NUMBER.....AD662423
INSTR...F44620-67-C-0047
PROJECT/TASK.....9764/01

AFOSR 67-2748
UNIVERSITY OF CALIFORNIA
RADIO REFLECTION BY FREE RADICALS IN EARTHS ATMOSPHERE
SCIENCE V156 N3783 PP1730-1732 30 JUNE 1967

BY HARNY J D
COLEMAN P J
LIBBY L M
LIBBY W F

OAR ACCESS NO.....012962-009
DOC NUMBER.....AD662465
INSTR...AF-AFOSR-0245-65
PROJECT/TASK.....9710/03

AFOSR 67-2749
TUFTS UNIVERSITY
ERRORS IN AUDITORY DIRECTION-FINDING AFTER COMPENSATION FOR VISUAL RE-ARRANGEMENT
PERCEPTION & PSYCHOPHYSICS V2 N10 PP466-468 1967

BY REKOSH J H
FREEDMAN S J

OAR ACCESS NO.....014320-010
DOC NUMBER.....AD662654
INSTR...AF-49/638/01262
PROJECT/TASK.....9778/01

AFOSR 67-2750
INSTITUTO GEOGRAFICO Y CATASTRAL
RECORDING CAPABILITIES OF SOME SPANISH SEISMOLOGICAL STATIONS

BY LOPEZ-ARROYO A

OAR ACCESS NO.....015960-017
DOC NUMBER.....AD662641
INSTR...AF-61/052/00657
PROJECT/TASK.....8625/00

AFOSR 67-2751
POMONA COLLEGE
LOW ENERGY X-RAY AND ELECTRON PHYSICS FINAL REPORT DEC 1967

BY HENKE B L

OAR ACCESS NO.....002143-006
DOC NUMBER.....AD662607
INSTR...AF-AFOSR-0689-66
PROJECT/TASK.....9767/01

AFOSR 67-2752
RENSSELAER POLYTECHNIC INSTITUTE
FORCED OSCILLATIONS IN SECOND ORDER SYSTEMS WITH BOUNDED NONLINEARITIES
DIFFERENTIAL EQUATIONS AND DYNAMICAL SYSTEMS ACADEMIC PRESS N Y PP497-503 1967

BY BENEDIKTSSON O
FLEISHMAN B A

OAR ACCESS NO.....018870-002
DOC NUMBER.....AD662441
INSTR...AF-AFOSR-0549-66
PROJECT/TASK.....9749/01

AFOSR 67-2753
FLORIDA STATE UNIVERSITY
NUCLEAR QUADRUPOLE RESONANCE OF DIAMMONIUM PENTOCHLOROAQUOINDIUMATE
JOURNAL OF CHEMICAL PHYSICS V47 N3 PP1170-1173 1 AUGUST 1967
BY MOULTON W G, CARR S L, GARRETT H B
OAR ACCESS NO.....003282-001
DDC NUMBER.....AD662476
INSTR...AF-AFOSR-0928-65
PROJECT/TASK.....9763/02

AFOSR 67-2754
UNIVERSITY OF VIRGINIA
RESONANCE SCATTERING IN IMPURE SUPERCONDUCTORS II - EFFECTS OF CORRELATION AND DEGENERACY
NUOVO CIMENTO SERX V49 PP61-97 13 SEPTEMBER 1966
BY ZUCKERMANN M J
OAR ACCESS NO.....022120-003
DDC NUMBER.....AD662446
INSTR...AF-AFOSR-1138-66
PROJECT/TASK.....9763/02

AFOSR 67-2755
JOHNS HOPKINS UNIVERSITY
INTERPOLATING FAMILIES AND GENERALIZED CONVEX FUNCTIONS
DUKE MATHEMATICAL JOURNAL V34 N3 PP511-518 SEPTEMBER 1967
BY HARTMAN P
OAR ACCESS NO.....002403-009
DDC NUMBER.....AD662429
INSTR...AF-49(638)01382
PROJECT/TASK.....9749/02

AFOSR 67-2756
NORTHWESTERN UNIVERSITY
SUPERPARAMAGNETIC MAGNESIOFERRITE PRECIPITATES FROM DILUTE SOLUTIONS OF IRON IN MAGNESIUM OXIDE
JOURNAL OF APPLIED PHYSICS V38 N9 PP3729-3737 AUGUST 1967
BY WERTZ G P, FINE M E
OAR ACCESS NO.....013070-005
DDC NUMBER.....AD662444
INSTR...AF-AFOSR-0327-63
PROJECT/TASK.....9763/01

AFOSR 67-2757
CORNELL UNIVERSITY
POLYNOMIALS ASSOCIATED WITH MEASURES IN THE COMPLEX PLANE
JOURNAL OF MATHEMATICS AND MECHANICS V16 N9 PP997-1014 MARCH 1967
BY WIDOM H
OAR ACCESS NO.....015091-001
DDC NUMBER.....AD662472
INSTR...AF-AFOSR-0763-66
PROJECT/TASK.....9749/02

AFOSR 67-2758
CALIFORNIA INSTITUTE OF TECHNOLOGY
COMMENTS ON FRICTION CONSTANT FORMALISM
JOURNAL CHEMICAL PHYSICS V47 N4 PP1265-1270 15 AUG 1967
BY COLLINGS A F
OAR ACCESS NO.....014610-025
DDC NUMBER.....AD662457
INSTR...AF-49(638)01273
PROJECT/TASK.....9710/03

AFOSR 67-2759
UNIVERSITY OF MINNESOTA
ANALYTIC CONTINUATION FOR FUNCTIONS OF SEVERAL COMPLEX VARIABLES
TRANSACTIONS OF THE AMERICAN MATHEMATICAL SOCIETY V125 N1 PP7-12 OCT 1966
BY CAMERON R H, STORVICK D A
OAR ACCESS NO.....000412-011
DDC NUMBER.....AD662483
INSTR...AF-AFOSR-0381-63
PROJECT/TASK.....9749/02

AFOSR 67-2760
UNIVERSITY OF WASHINGTON
VIBRATIONAL SPECTRUM OF CYCLOPROPENE
JOURNAL CHEMICAL PHYSICS V47 N3 PP946-955 1 AUG 1967
BY FOGLIS O F, WAGNER E L, SCHULTZ J W, JACKMAN L M, WIBERG K B
OAR ACCESS NO.....019260-007
DDC NUMBER.....AD662460
INSTR...AF-49(638)-1397
PROJECT/TASK.....9710/03

AFOSR 67-2761
INTERNATIONAL BUSINESS MACHINES CORPORATION
LOW-ENERGY-ELECTRON DIFFRACTION STUDY OF THE EPITAXY OF SILICON ON SILICON
SURFACES AND INTERFACES I-CHEMICAL AND PHYSICAL CHARACTERISTICS PROCEEDINGS OF SYRACUSE UNIV SYRACUSE NY SYRACUSE UNIV PRESS PP399-436 1967
BY JONA F
OAR ACCESS NO.....012540-014
DDC NUMBER.....AD662828
INSTR...AF-49(638)-1201
PROJECT/TASK.....9761/02

AFOSR 67-2762
NATIONAL OBSERVATORY OF ATHENS
THE SEISMIC ACTIVITY IN THE CYPRUS AREA
SEP 1965
BY GALANOPOULOS A G, DELIBASIS N D
OAR ACCESS NO.....014976-007
DDC NUMBER.....AD662451
INSTR...AF-61(052)-00803
PROJECT/TASK.....8652/00

AFOSR 67-2763
YALE UNIVERSITY
INTEGRALS IN THE THEORY OF ELECTRON CORRELATIONS
ANNALEN DER PHYSIK SERP V18 N1-2 1966
BY STEPHEN M J, ONSAGER L, MITTAG L
OAR ACCESS NO.....020590-001
DDC NUMBER.....AD662436
INSTR...AF-AFOSR-1045-66
PROJECT/TASK.....9761/01

AFOSR 67-2764
UNIVERSITY OF ROCHESTER
BAND STRUCTURE DEFORMATION POTENTIALS AND EXCITON STATES IN SOLID XENON
JOURNAL OF CHEMICAL SOLIDS V28 PP2067-2085 1967
BY REILLY M H
OAR ACCESS NO.....027N3-012
DDC NUMBER.....AD662480
INSTR...AF-AFOSR-0611-64
PROJECT/TASK.....9761/01

AFOSR 67-2765
OHIO STATE UNIVERSITY
INFLUENCE OF NONMAGNETIC IMPURITIES ON SUPERCONDUCTORS WITH OVERLAPPING BANDS
JOURNAL OF PHYSICS AND CHEMISTRY OF SOLIDS V28 PP1933-1940 1967
BY SUNG C C, WONG V K
OAR ACCESS NO.....017030-002
DDC NUMBER.....AD662438
INSTR...AF-AFOSR-0869-65
PROJECT/TASK.....9761/01

AFOSR 67-2766
UNIVERSITY OF CAMBRIDGE
APPROACH TO CURRENTS AND THE DERIVATION OF CURRENT ALGEBRA
PHYSICAL REVIEW V158 N5 PP1623-1624 25 JUNE 1967
BY TAHA M O
OAR ACCESS NO.....013011-026
DDC NUMBER.....AD662491
INSTR...AF-EOAR-0046-65
PROJECT/TASK.....9751/01

AFOSR 67-2767
UNIVERSITY OF MINNESOTA
A TRANSLATION THEOREM FOR ANALYTIC FEYNMAN INTEGRALS
TRANSACTIONS OF THE AMERICAN MATHEMATICAL SOCIETY V125 N1 PP1-6 OCT 1966
BY CAMERON R H, STORVICK D A
OAR ACCESS NO.....000412-012
DDC NUMBER.....AD662442
INSTR...AF-AFOSR-0381-63
PROJECT/TASK.....9749/02

AFOSR 67-2768
YALE UNIVERSITY
GALVANOMAGNETIC AND RELATED EFFECTS IN TYPE-II SUPERCONDUCTORS
PHYSICAL REVIEW LETTERS V16 N18 PP801-803 2 MAY 66
BY STEPHEN M J
OAR ACCESS NO.....020590-002
DDC NUMBER.....AD645098
INSTR...AF-AFOSR-1045-66
PROJECT/TASK.....9761/01

AFOSR 67-2769
YALE UNIVERSITY
RELAXATION OF THE SUPERCONDUCTING ORDER PARAMETER
THE PHYSICAL REVIEW V154 N2 PP349-353 10 FEBRUARY 1967
BY STEPHEN M J, LUCAS G
OAR ACCESS NO.....020590-003
DDC NUMBER.....AD662467
INSTR...AF-AFOSR-1045-66
PROJECT/TASK.....9761/01

AFOSR 67-2770
UNIVERSITY OF SOUTHERN CALIFORNIA
CORE REARRANGEMENT AND HARTREE-FOCK IONIZATION ENERGIES
PHYSICAL REVIEW V162 N1 PP105-107 5 OCTOBER 1967
BY CHOW P C, KLEINMAN L
OAR ACCESS NO.....021770-004
DDC NUMBER.....AD662485
INSTR...AF-AFOSR-1115-66
PROJECT/TASK.....9761/02

AFOSR 67-2771
UNIVERSITY OF CAMBRIDGE
THEOREM ON C-NUMBER SCHWINGER TERM
PHYSICAL REVIEW V159 N5 PP1427-1428 25 JULY 1967
BY LEE Y C
OAR ACCESS NO.....013011-027
DDC NUMBER.....AD661329
INSTR...AF-EOAR-0036-65
PROJECT/TASK.....9751/01

AFOSR 67-2772
CALIFORNIA INSTITUTE OF TECHNOLOGY
SELF-DIFFUSION IN SIMPLE LIQUIDS THE LINEAR TRAJECTORY APPROXIMATION
JOURNAL PHYSICAL CHEMISTRY V71 PP3710-3711 1967
BY CELLINGS A F
PINGS C J
OAR ACCESS NO.....018610-020
DDC NUMBER.....AD662854
INSTR...AF-AFOSR-0126-65
PROJECT/TASK.....9710/03

AFOSR 67-2773
UNIVERSITY OF MICHIGAN
COLLECTION AND ANALYSIS OF SEISMIC WAVE PROPAGATION DATA
AUGUST 1967
BY WILLIS D F
JACKSON W L
OAR ACCESS NO.....012372-002
DDC NUMBER.....AD657802
INSTR...AF-49(638)-01759
PROJECT/TASK.....8652/00

AFOSR 67-2774
UNIVERSITY OF ILLINOIS
THE DIFFUSION OF CARBON IN NICKEL ABOVE AND BELOW THE CURIE TEMPERATURE
TRANSACTIONS OF THE METALLURGICAL SOCIETY OF AIME V239 PP1705-709 MAY 1967
BY DIAMOND S
WERT C
OAR ACCESS NO.....002823-011
DDC NUMBER.....AD662895
INSTR...AF-AFOSR-0443-66
PROJECT/TASK.....9763/01

AFOSR 67-2775
UNIVERSITY OF ROCHESTER
DE-EXCITATION RATES OF EXCITED ELECTRONIC STATES IN SOLIDS
THE JOURNAL OF CHEMICAL PHYSICS V47 N8 PP1379-1394 15 AUGUST 1967
BY DEXTER D L
FOWLER W B
OAR ACCESS NO.....002783-013
DDC NUMBER.....AD662909
INSTR...AF-AFOSR-0611-66
PROJECT/TASK.....9761/01

AFOSR 67-2777
UNIVERSITY OF CALIFORNIA
GRIBOV-POMERANCHUK RULES IN SCATTERING AMPLITUDES
THE PHYSICAL REVIEW V160 N5 PP1490-1493 25 AUG 1967
BY MANDELSTAM S
WANG L L
OAR ACCESS NO.....005134-017
DDC NUMBER.....AD662817
INSTR...AF-AFOSR-0232-66
PROJECT/TASK.....9761/01

AFOSR 67-2778
CORNELL UNIVERSITY
NEGATIVE RESULTS IN A SEARCH FOR RADIO EMISSION FROM INFRARED AND T TAURI STARS
THE ASTROPHYSICAL JOURNAL V149 PPL91-L92 SEP 1967
BY COMELLA J
OAR ACCESS NO.....500081-007
DDC NUMBER.....AD662378
INSTR...F44620-67-C-0066
PROJECT/TASK.....2839/00

AFOSR 67-2779
UNIVERSITY OF LEYDEN
RESEARCH IN STATISTICAL MECHANICS FINAL REPORT OCT 1967
BY MAZUR P
OAR ACCESS NO.....032052-005
DDC NUMBER.....AD662640
INSTR...AF-EOAR -0049-62
PROJECT/TASK.....9767/01

AFOSR 67-2780
UNIVERSITY OF CHICAGO
INVESTIGATIONS IN THE FIELD OF RELATIONAL BIOLOGY FINAL REPORT MARCH 1967
BY ROSEN R
OAR ACCESS NO.....307468-001
DDC NUMBER.....AD662030
INSTR...AF-AFOSR-0009-66
PROJECT/TASK.....9777/01

AFOSR 67-2781
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
SENSORY PROPERTIES OF SOME UNITS IN THE TECTUM OF THE FROG FINAL REPORT AUG 1967
BY LETTVIN J Y
OAR ACCESS NO.....021920-002
DDC NUMBER.....AD662610
INSTR...F44620-67-C-0010
PROJECT/TASK.....9777/01

AFOSR 67-2782
POMONA COLLEGE
15-150 A ULTRASOFT X-RAY REGION
X-RAY OPTICS AND MICROANALYSIS CONGRES INTERNATIONAL SUR L OPTIQUE DES RAYONS X ET LA MICROANALYSE 4TH CNRAY SEPTEMBER 1965 TIRAGE A PART HERMANN PARIS PP440-453
BY HENKE B L
OAR ACCESS NO.....002163-007
DDC NUMBER.....AD662384
INSTR...AF-AFOSR-0080-66
PROJECT/TASK.....9767/01

AFOSR 67-2783
UNIVERSITY OF CALIFORNIA
L-ASYMMETRIC INDUCTION IN A TRANSAMINATION REACTION
JOURNAL AMERICAN CHEMICAL SOCIETY V89 N20 PP5294-5290 27 SEP 1967
BY GUTHRIE R D
MEISTER W
CRAM D J
OAR ACCESS NO.....011701-005
DDC NUMBER.....AD662464
INSTR...AF-AFOSR-0126-65
PROJECT/TASK.....9762/02

AFOSR 67-2784
ISTITUTO ELETTROTECNICO NAZIONALE
DIGITAL TECHNIQUE FOR RECORDING TIME DEPENDENT SPECTRA BY TIME TO PULSE HEIGHT CONVERSION PART A FINAL REPORT APRIL 1967
BY BONFIGLIOLI G
BROVETTO P
CONTESE C
OAR ACCESS NO.....002723-002
DDC NUMBER.....AD662827
INSTR...AF-EOAR -0027-66
PROJECT/TASK.....9763/02

AFOSR 67-2785
ISTITUTO ELETTROTECNICO NAZIONALE
ON THE MEASUREMENT OF SMALL DEVIATIONS FROM THE OHMIC LAW PART B FINAL REPORT MAY 1967
BY BONFIGLIOLI G
BROVETTO P
GUSCA G
OAR ACCESS NO.....002723-003
DDC NUMBER.....AD662675
INSTR...AF-EOAR -0027-66
PROJECT/TASK.....9763/02

AFOSR 67-2786
ISTITUTO ELETTROTECNICO NAZIONALE
TIME DEPENDENCE OF SPECTRAL COMPONENTS OF THE ELECTROLUMINESCENCE OF ZNS SINGLE CRYSTALS PART C FINAL REPORT AUG 1967
BY BONFIGLIOLI G
BROVETTO P
GUSCA G
CONTESE C
OAR ACCESS NO.....002723-004
DDC NUMBER.....AD662842
INSTR...AF-EOAR -0027-66
PROJECT/TASK.....9763/02

AFOSR 67-2787
STANFORD UNIVERSITY
SOME STRUCTURAL PROBLEMS OF SPACE FLIGHT
SUDAAR 328 NOV 1967
BY HOFF N J
OAR ACCESS NO.....001403-024
DDC NUMBER.....AD665865
INSTR...AF-49(638)-01276
PROJECT/TASK.....9782/01

AFOSR 67-2789
CARNEGIE INSTITUTE OF TECHNOLOGY
STUDIES OF THERMALLY ACTIVATED COUPLED-CURRENT PROCESSES FINAL REPORT NOV 1967
BY POUND G M
OAR ACCESS NO.....018420-003
DDC NUMBER.....AD662613
INSTR...AF-AFOSR-0607-64
PROJECT/TASK.....9761/03

AFOSR 67-2790
NORTHWESTERN UNIVERSITY
STRUCTURE SENSITIVE PROPERTIES OF INTERMEDIATE SOLID SOLUTIONS FINAL REPORT NOV 1967
BY WHITTAIN J O
OAR ACCESS NO.....014050-002
DDC NUMBER.....AD662614
INSTR...AF-AFOSR-0460-64
PROJECT/TASK.....9763/02

AFOSR 67-2791
UNIVERSITY OF PENNSYLVANIA
SOLVENT ISOTOPE EFFECTS FOR DEUTERIUM METHANOL VS METHANOL FINAL REPORT NOV 1967
BY INGRAHAM L R
OAR ACCESS NO.....013951-001
DDC NUMBER.....AD662879
INSTR...AF-AFOSR-0431-65
PROJECT/TASK.....9762/03

AFOSR 67-2792
UNIVERSITA DI ROMA
RADIATIVE CORRECTIONS TO LEPTONIC DECAYS AND COMPOSITE MODELS FOR STRONG INTERACTIONS
PHYSICS LETTERS V25B N2 PP132-135 AUGUST 1967
BY CABIBBO N
MAIANI L
PREPARATA G
OAR ACCESS NO.....023430-001
DDC NUMBER.....AD662483
INSTR...F61052-67-C-0084
PROJECT/TASK.....9767/04

AFOSR 67-2793
IMPERIAL COLLEGE OF SCIENCE & TECHNOLOGY
REGGE POLES AND HIGH-ENERGY SINGLE-PARTICLE PRODUCTION
PHYSICAL REVIEW V159 N5 PP1297-1303 25 JULY 1967
BY ROBERTS R G
FRASER G W
OAR ACCESS NO.....010642-009
DDC NUMBER.....AD662490
INSTR...AF-EOAR -0012-67
PROJECT/TASK.....9767/04

AFOSR 67-2794
NORTHWESTERN UNIVERSITY
DIFFRACTION CONTRAST FROM NON-SPHERICAL DISTURTIONS - - IN PARTICULAR A CUBOIDAL INCLUSION
PHILOSOPHICAL MAGAZINE V16 N142 PP879-890 OCTOBER 1967
BY SASS S L
MURA T
COHEN J B
OAR ACCESS NO.....013070-006
DDC NUMBER.....AD662486
INSTR...AF-AFOSR-0327-63
PROJECT/TASK.....9763/01

AFOSR 67-2795
NEW YORK UNIVERSITY
AN EXTENSION OF THE KANTOROVICH METHOD
NYU-AA-66-70 AUG 1966
BY KERR A D
OAR ACCESS NO.....017021-001
INSTR...AF-AFOSR-0813-66
PROJECT/TASK.....9782/01

AFOSR 67-2795
MIDWEST RESEARCH INSTITUTE
DETERMINATION OF MIXED VIRIAL COEFFICIENTS FINAL REPORT DEC 1967
BY BREWER J
OAR ACCESS NO.....012891-001
DDC NUMBER.....AD663448
INSTR...AF-49(638)-1620
PROJECT/TASK.....9750/01

AFOSR 67-2796
PRINCETON UNIVERSITY
DITERTIARY PHOSPHINE COMPLEXES OF COBALT SPECTRAL MAGNETIC AND ELECTRON PARAMAGNETIC RESONANCE STUDIES
INORGANIC CHEMISTRY V6 N4 PP694-699 APR 1967
BY HORROCKS W D JR
VAN HECKE G R
HALL D D
OAR ACCESS NO.....013391-006
DDC NUMBER.....AD662680
INSTR...AF-49(638)-1492
PROJECT/TASK.....9710/01

AFOSR 67-2797
PRINCETON UNIVERSITY
VIBRATIONAL SPECTRA AND FORCE CONSTANTS OF ZINC TETRACYANATE ION ZINC TETRAISOTHIOCYANATE ION ZINC TETRAISOSELENOCYANATE ION
INORGANIC CHEMISTRY V6 N2 PP332-338 FEB 1967
BY FORSTER D
HORROCKS W D JR
OAR ACCESS NO.....013391-007
DDC NUMBER.....AD662682
INSTR...AF-49(638)-1492
PROJECT/TASK.....9710/01

AFOSR 67-2798
OHIO STATE UNIVERSITY
NUCLEAR MAGNETIC RELAXATION TIMES OF HELIUM THREE IN HELIUM THREE - HELIUM FOUR SOLUTIONS
PHYSICS LETTERS V25A N3 PP216-217 14 AUGUST 1967
BY SUNG C C
OAR ACCESS NO.....017030-003
DDC NUMBER.....AD662494
INSTR...AF-AFOSR-0869-65
PROJECT/TASK.....9761/01

AFOSR 67-2800
UNIVERSITY OF UTAH
LASER TEMPERATURE-JUMP STUDIES OF FAST REACTIONS FINAL REPORT NOV 1967
BY EYRING E M
OAR ACCESS NO.....018211-001
DDC NUMBER.....AD662615
INSTR...AF-AFOSR-0876-66
PROJECT/TASK.....9710/03

AFOSR 67-2802
IMPERIAL COLLEGE OF SCIENCE & TECHNOLOGY
A LIMITATION ON THE USE OF CURRENT ALGEBRA TECHNIQUES FOR MESON DECAYS
NUOVO CIMENTO SERX V50 PP769-775 21 AUG 1967
BY KELLETT B H
OAR ACCESS NO.....010642-010
DDC NUMBER.....AD662480
INSTR...AF-EOAR -0012-67
PROJECT/TASK.....9767/04

AFOSR 67-2803
UNIVERSITY OF COLORADO
TRANSITION FORM FACTORS IN THE H ATOM
PHYSICAL REVIEW V160 N5 PP1149-1151 25 AUGUST 1967
BY BARUT A O
KLEINERT H
OAR ACCESS NO.....013091-013
DDC NUMBER.....AD662492
INSTR...AF-AFOSR-0030-65
PROJECT/TASK.....9761/01

AFOSR 67-2804
UNIVERSITY OF COLORADO
DYNAMICAL GROUP O(4 2) FOR BARYONS AND THE BEHAVIOR OF FORM FACTORS
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BY BARUT A O
KLEINERT H
OAR ACCESS NO.....013091-014
DDC NUMBER.....AD662493
INSTR...AF-AFOSR-0030-65
PROJECT/TASK.....9761/01

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ON PERIOD RELATIONS FOR ABELIAN INTEGRALS ON ALGEBRAIC CURVES
ANNALI DELLA SCUOLA NORMALE SUPERIERE DI PISA CLASSE DI SCIENZE V21 N11 PP189-238 1967
BY ANGEROTTI A
MAYER A L
OAR ACCESS NO.....016790-009
DDC NUMBER.....AD662687
INSTR...AF-EOAR -0042-65
PROJECT/TASK.....9749/02

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NATIONAL ACADEMY OF SCIENCES
CHEMISTRY PROGRAM OF THE AIR FORCE OFFICE OF SCIENTIFIC RESEARCH FINAL REPORT OCT 1967
BY ROGERS L B
JENSON J A
SIEGELEISEN J
BUNNAM P A
HANNAY N B
OAR ACCESS NO.....027910-001
DDC NUMBER.....AD662828
INSTR...AF-AFOSR-1302-67
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VANDERBILT UNIVERSITY
THE IODINATION OF COORDINATED IMIDAZOLE
JOURNAL AMERICAN CHEMICAL SOCIETY V88 N23 PP5537-5540 5 DEC 1966
BY LAMBERT D G
JONES M M
OAR ACCESS NO.....019390-002
DDC NUMBER.....AD662812
INSTR...AF-AFOSR-0630-64
PROJECT/TASK.....9760/02

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CARNEGIE-MELLON UNIVERSITY
AN INTRODUCTORY COURSE IN COMPUTER PROGRAMMING
BY BRADEN R T
PERLIS A J
OAR ACCESS NO.....022900-026
DDC NUMBER.....AD662892
INSTR...SD -146
PROJECT/TASK.....9718/00

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BY OVERFIELD C V
WINEFORDNER J D
OAR ACCESS NO.....020031-003
DDC NUMBER.....AD662808
INSTR...AF-AFOSR-1033-67
PROJECT/TASK.....9710/03

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BY JONES M M
JOHNSTON D D
BANNETT C J
OAR ACCESS NO.....019390-003
DDC NUMBER.....AD662814
INSTR...AF-AFOSR-0630-64
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BY KRATZEL M P JR
WINEFORDNER J D
OAR ACCESS NO.....020031-004
DDC NUMBER.....AD662809
INSTR...AF-AFOSR-1033-67
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BY MARCUS M
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DDC NUMBER.....AD662857
INSTR...AF-AFOSR-0638-67
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BY GOLD E M
OAR ACCESS NO.....017532-001
DDC NUMBER.....AD662826
INSTR...#AF49620-67-C-0018
PROJECT/TASK.....9769/03

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BY ZEMANIAN A H
OAR ACCESS NO.....021600-001
DDC NUMBER.....AD662829
INSTR...AF-49(638)-1488
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OAR ACCESS NO.....014931 -25
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INSTR...AF-AFOSR-0698-67
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STANFORD UNIVERSITY
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PHYSICAL REVIEW V157 N4 PP845-906 20 MAY 1967
OAR ACCESS NO.....001793-102
BY CUTLER L S
DOC NUMBER.....AD662830
INSTR...AF-49(638)-1389
PROJECT/TASK.....9751/01

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STANFORD UNIVERSITY
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OAR ACCESS NO.....001793-103
BY NAMYSLOWSKI J M
DOC NUMBER.....AD662833
INSTR...AF-49(638)-1389
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OAR ACCESS NO.....001793-104
BY FETTER A L
DOC NUMBER.....AD662831
INSTR...AF-49(638)-1389
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BY NAMYSLOWSKI N M
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OAR ACCESS NO.....001793-106
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OAR ACCESS NO.....001793-107
BY COLE H K JR
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INSTR...AF-49(638)-1389
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OAR ACCESS NO.....013611-006
BY STENGLE T R
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DOC NUMBER.....AD663069
INSTR...AF-AFOSR-32 65
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NICE UNIVERSITY
ON THE MINIMIZATION OF THE PRODUCT OF THE POWERS OF SEVERAL INTEGRALS
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OAR ACCESS NO.....016461-004
BY MIELE A
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UNIVERSITY OF SOUTHERN CALIFORNIA
SECONDARY ELECTRON EMISSION IN THE ELECTRON PROBE
X-RAY OPTICS AND MICROANALYSIS CONGRES INTERNATIONAL SUR L OPTIQUE DES RAYONS X ET LA MICROANALYSE 4TH PP168-180 ORSAY SEPTEMBER 1965 TIRAGE A PART HERMANN PARIS
OAR ACCESS NO.....011911-006
BY WITTRY D B
DOC NUMBER.....AD662817
INSTR...AF-AFOSR-0076-66
PROJECT/TASK.....9761/03

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UNIVERSITY OF SOUTHERN CALIFORNIA
ELECTRON PROBE ANALYSIS OF SEMICONDUCTORS FINAL REPORT SEPT
OAR ACCESS NO.....011911-007
BY WITTRY D B
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DOC NUMBER.....AD663242
INSTR...AF-AFOSR-0076-66
PROJECT/TASK.....9761/03

AFOSR 67-2831
YESHIVA UNIVERSITY
CHARGE SUPERSELECTION RULE
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OAR ACCESS NO.....017090-005
BY AHARONOV Y
SUSSKIND L
DOC NUMBER.....AD662823
INSTR...AF-AFOSR-0816-65
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BY STRUMWASSER F
DOC NUMBER.....AD662995
INSTR...AF-49(638)-1447
PROJECT/TASK.....9777/01

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TEXAS A&M UNIVERSITY
KOHN VARIATIONAL PRINCIPLE FOR THREE-PARTICLE SCATTERING
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OAR ACCESS NO.....017451-001
BY NUTTALL J
DOC NUMBER.....AD662850
INSTR...AF-AFOSR-0910-67
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UNIVERSITY OF MARYLAND
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OAR ACCESS NO.....002223-014
BY AMADO R A
ORZALESI C A
DOC NUMBER.....AD662813
INSTR...AF-AFOSR-0500-66
PROJECT/TASK.....9751/01

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PENNSYLVANIA STATE UNIVERSITY
AN ELASTO-PLASTIC ANALYSIS OF CIRCULAR RINGS WITH TEMPERATURE DEPENDENT YIELD STRESS
OAR ACCESS NO.....005196-001
BY PATEL N T
HU L W
DOC NUMBER.....AD665140
INSTR...AF-AFOSR-0127-67
PROJECT/TASK.....9782/02

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PENNSYLVANIA STATE UNIVERSITY
FATIGUE STRENGTH - STRESS CONCENTRATION EQUATION FOR ALUMINUM ALLOY 2S-T3
OAR ACCESS NO.....005196-004
BY HU L W
MORALES W J
DDC NUMBER.....AD663672
INSTR...AF-AFOSR-0127-67
PROJECT/TASK.....9782/02

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PENNSYLVANIA STATE UNIVERSITY
ANALYSIS OF SHORT WEB-STIFFENED SANDWICH SHELL WITH CLOSED ENDS UNDER EXTERNAL PRESSURE
OAR ACCESS NO.....005196-002
BY PETERSON H A
HU L W
DDC NUMBER.....AD663139
INSTR...AF-AFOSR-0127-67
PROJECT/TASK.....9782/02

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PENNSYLVANIA STATE UNIVERSITY
ELASTIC BUCKLING AND PLASTIC COLLAPSE OF CIRCULAR TUBES UNDER HYDROSTATIC PRESSURE
OAR ACCESS NO.....005196-003
BY HU L W
GEIGEN W
DDC NUMBER.....AD663138
INSTR...AF-AFOSR-0127-67
PROJECT/TASK.....9782/02

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OAR ACCESS NO.....016441-005
BY NICLE A
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DDC NUMBER.....AD663931
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UNIVERSITY OF MINNESOTA
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OAR ACCESS NO.....010070-001
BY MACHIDA K
DDC NUMBER.....AD663063
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UNIVERSITY OF MINNESOTA
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OAR ACCESS NO.....010072-002
BY REICHMAN S
OVEREND J
DDC NUMBER.....AD663064
INSTR...AF-AFOSR-0570-67
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UNIVERSITY OF MINNESOTA
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OAR ACCESS NO.....010071-001
BY SUZUKI I
PARISEAU M A
OVEREND J
DDC NUMBER.....AD663065
INSTR...AF-AFOSR-0570-66
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OAR ACCESS NO.....010071-002
BY MACHIDA K
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DDC NUMBER.....AD663066
INSTR...AF-AFOSR-0570-66
PROJECT/TASK.....9760/01

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UNIVERSITY OF CALIFORNIA
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OAR ACCESS NO.....014930-023
BY MARCUS M
INSTR...AF-AFOSR-0498-65
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OAR ACCESS NO.....022720-001
BY BALAKRISHNAN A V
NEUSTADT L W
DDC NUMBER.....AD663079
INSTR...AF-AFOSR-1210-67
PROJECT/TASK.....9749/01

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NEW YORK UNIVERSITY
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OAR ACCESS NO.....019500-003
BY AGMON S
NIRENBERG L
DDC NUMBER.....AD663013
INSTR...AF-AFOSR-0684-66
PROJECT/TASK.....9749/02

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NEW YORK UNIVERSITY
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OAR ACCESS NO.....019500-004
BY PORTA H
SCHWARTZ J T
DDC NUMBER.....AD663034
INSTR...AF-AFOSR-0684-66
PROJECT/TASK.....9749/02

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NEW YORK UNIVERSITY
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OAR ACCESS NO.....019500-005
BY EHRENPREIS L
DDC NUMBER.....AD663035
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OAR ACCESS NO.....019500-006
BY LAX P D
NIRENBERG L
DDC NUMBER.....AD663753
INSTR...AF-AFOSR-0684-66
PROJECT/TASK.....9749/02

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NEW YORK UNIVERSITY
ON A THEOREM OF P NOWOSAD
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OAR ACCESS NO.....019500-007
BY KARLIN S
NIRENBERG L
DDC NUMBER.....AD663037
INSTR...AF-AFOSR-0684-66
PROJECT/TASK.....9749/02

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NEW YORK UNIVERSITY
AN EXTENDED INTERPOLATION INEQUALITY
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OAR ACCESS NO.....019500-008
BY NIRENBERG L
DDC NUMBER.....AD663038
INSTR...AF-AFOSR-0684-66
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UNIVERSITY OF MINNESOTA
TITRATION OF BASES IN ACETONITRILE
ANALYTICAL CHEMISTRY V39 N13 PP1627-1630 NOV 1967
OAR ACCESS NO.....022320-002
BY KOLTHOFF I M
CHANTOONI M K JR
ANUMMIK S
DDC NUMBER.....AD663067
INSTR...AF-AFOSR-1223-67
PROJECT/TASK.....9710/03

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UNIVERSITY OF CHICAGO
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BY O GALLAGHER J J
DDC NUMBER.....AD663039
INSTR...AF-49(638)/01642
PROJECT/TASK.....9751/04

AFOSR 67-2855
LAMONT GEOLOGICAL OBSERVATORY
ON THE TRAVEL TIMES OF P AS OBTAINED FROM THE NUCLEAR EXPLOSIONS BILBY AND SHOAL
PHYS EARTH PLANETARY INTERIORS V1 PP14-23 1967
OAR ACCESS NO.....011391-004
BY LEHMANN I
DDC NUMBER.....AD663068
INSTR...AF-AFOSR-0887-65
PROJECT/TASK.....8652/00

AFOSR 67-2856
DURHAM UNIVERSITY
ANALYSIS OF COSMIC RAY EXPERIMENTS FINAL REPORT AUG 1967
OAR ACCESS NO.....021640-003
BY WOLFENDALE A W
DDC NUMBER.....AD663030
INSTR...AF-61(052)/00929
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M VAND UNIVERSITY
REW REACTION OF THIONYL CHLORIDE WITH A CARBOXYLIC
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CRYSTALLOGRAPHIC PROOF OF STRUCTURE OF ALPHA-CHLORO-ALPHA-
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OAR ACCESS NO.....020960-001
BY SIMON W S
ROGERS J B
SAENGER W
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INSTR...AF-AFOSR-1059-66
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AFOSR 67-2858
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BY KOVACH R L
DOC NUMBER.....AD663038
INSTR...AF-49(638)-1687
PROJECT/TASK.....8652/00

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UNIVERSITY OF SOUTHERN CALIFORNIA
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BY HUCY R S
DOC NUMBER.....AD666225
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THE JUNE 21 1967 EARTHQUAKE SERIES AT FAIRBANKS ALASKA
AFTERSHOCK LOCATIONS DEPTHS AND MAGNITUDES

OAR ACCESS NO.....019601-003
BY BERG E
GEDNEY L
KUBOTA S
HANSON K
RICHLE
DOC NUMBER.....AD663237
INSTR...AF-AFOSR-0701-66
PROJECT/TASK.....8652/00

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BY CHU R
SINGER J R
INSTR...AF-49(638)-00102
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OAR ACCESS NO.....001362-005
BY CHHATPAR C K
DUGUNDJI J
DOC NUMBER.....AD665119
INSTR...AF-49(638)-1528
PROJECT/TASK.....9782/01

AFOSR 68-0002
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RESEARCH ON THE DEFLAGRATION OF HIGH-ENERGY SOLID
OXIDIZERS FINAL REPORT DEC 1967

OAR ACCESS NO.....017681-009
BY ELME G V
MCHALE E T
FRIEDMAN R
LEVY J B
DOC NUMBER.....AD825489
INSTR...AF-49(638)-01645
PROJECT/TASK.....9713/01

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GIANNINI SCIENTIFIC CORPORATION
LOSSES IN PLASMA ACCELERATION
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BY DUCATI A C
DOC NUMBER.....AD665142
INSTR...AF-49(638)-01743
PROJECT/TASK.....9752/01

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UNIVERSITY OF TEXAS
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OAR ACCESS NO.....015242-045
BY MASTEN M K
WOMACK B F
DOC NUMBER.....AD664912
INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....4751/00

AFOSR 68-0007
UNIVERSITY OF ATHENS
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OAR ACCESS NO.....014877-008
BY PAPAZACHOS B
DELIBASIS N
LIAPIS N
MOUNOULIDIS G
PURCARU G
DOC NUMBER.....AD663294
INSTR...AF-61(052)-00803
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AFOSR 68-0008
UNIVERSITY OF ATHENS
THE SEISMOTECTONIC REGIME IN GREECE
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OAR ACCESS NO.....014870-009
BY GALANOPOULOS A G
DOC NUMBER.....AD663301
INSTR...AF-61(052)-00803
PROJECT/TASK.....8652/00

AFOSR 68-0009
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JAHN-TELLER EFFECT OF X DI ION IN EIGHTFOLD CUBIC
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OAR ACCESS NO.....027700-001
BY HOCHLI U T
DOC NUMBER.....AD663318
INSTR...F44620-67-C-0073
PROJECT/TASK.....9763/02

AFOSR 68-0010
WAYNE STATE UNIVERSITY
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OAR ACCESS NO.....006593-002
BY DUDLEY J W
DOC NUMBER.....AD663324
INSTR...AF-AFOSR-0645-66
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SCHLAG E W
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DAR ACCESS NO.....000704-009
BY ENGLISH A C DOC NUMBER.....AD683776
INSTR...AF-AFOSR-0139-65
PROJECT/TASK.....9751/00

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DAR ACCESS NO.....000581-031
BY CONTI P S DOC NUMBER.....AD683868
INSTR...AF-68(615)01323
PROJECT/TASK.....9776/01

AFOSR 68-0097
UNIVERSITY OF CHICAGO
NEGATIVE-ION CAPTURE BY VORTEX LINES IN HELIUM II
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DAR ACCESS NO.....016540-016
BY TANNER D J DOC NUMBER.....AD683850
INSTR...AF-AFOSR-0705-65
PROJECT/TASK.....9767/01

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M A HIOT
COMPLEMENTARY FORMS OF THE VARIATIONAL PRINCIPLE FOR HEAT CONDUCTION AND CONVECTION
JOURNAL FRANKLIN INSTITUTE V283 N5 PP372-378 MAY 1967

DAR ACCESS NO.....001312-003
BY BIOT M A DOC NUMBER.....AD683780
INSTR...AF-67(638)01329
PROJECT/TASK.....9782/01

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UNIVERSITY OF MICHIGAN
COMBUSTION KINETICS OF TETRAFLUOROETHYLENE FINAL REPORT SEPT 1967

DAR ACCESS NO.....019751-001
BY VATULA W A DOC NUMBER.....AD684088
INSTR...AF-AFOSR-1144-66
PROJECT/TASK.....9759/02

AFOSR 68-0100
ROYAL UNIVERSITY OF UPPSALA
QUANTUM THEORY OF MANY-PARTICLE SYSTEMS

DAR ACCESS NO.....023372-005
BY LOWDIN P O DOC NUMBER.....AD684073
INSTR...AF-61(052)00874
PROJECT/TASK.....7114/00

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M A BIOT
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DAR ACCESS NO.....001312-004
BY BIOT M A DOC NUMBER.....AD683865
INSTR...AF-67(638)01329
PROJECT/TASK.....9782/01

AFOSR 68-0104
SIGNATRON INC
A BASE FOR THE DEFINITION OF COMPUTER LANGUAGES

DAR ACCESS NO.....028030-001
BY DENNETT R K DOC NUMBER.....AD684066
INSTR...F44620-68-C-0007
PROJECT/TASK.....9769/04

AFOSR 68-0105
YESHIVA UNIVERSITY
DELTA-FUNCTION FERMI GAS WITH TWO-SPIN DEVIATES
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DAR ACCESS NO.....005833-010
BY FLETCHER M DOC NUMBER.....AD683451
LIEB E H INSTR...AF-AFOSR-0508-66
PROJECT/TASK.....9767/01

AFOSR 68-0106
NORTHWESTERN UNIVERSITY
FORCED MOTIONS OF SHELLS AND PLATES SURROUNDED BY AN ACOUSTIC FLUID
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BY HERRMANN G DOC NUMBER.....AD683492
RUSSELL J E INSTR...AF-AFOSR-0130-65
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BY VARAIYA P P DOC NUMBER.....AD683770
INSTR...AF-AFOSR-0139-65
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UNIVERSITY OF TEXAS
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DAR ACCESS NO.....015741-054
BY SWANSON D G DOC NUMBER.....AD683706
INSTR...AF-AFOSR-0760-66
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BY VARAIYA P P DOC NUMBER.....AD683709
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PROCEEDINGS OF IEEE V54 N6 PP1101-1102 JUNE 1967

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BY LAMPARD D G DOC NUMBER.....AD683782
NIGHY G A INSTR...AF-AFOSR-0139-66
PROJECT/TASK.....9751/00

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UNIVERSITY OF CALIFORNIA
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BY FRANK H DOC NUMBER.....AD683783
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UNIVERSITY OF CALIFORNIA
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DAR ACCESS NO.....004703-040
BY LICHTENBERG A J DOC NUMBER.....AD683766
GOVINDAN P INSTR...AF-AFOSR-0139-66
WOODYARD J R PROJECT/TASK.....9751/00

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BOUNDARY-LAYER TRANSITION ON BLUNT BODIES-EFFECT OF ROUGHNESS
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BY VAN DRIEST E R DOC NUMBER.....AD683761
DEMPEY C H INSTR...AF-49(638)01482
WILLIS C S JR PROJECT/TASK.....9781/02

AFOSR 68-0053
STANFORD UNIVERSITY
SOME REMARKS ON TURBULENT SHEAR FLOWS
PROCEEDINGS INSTITUTION MECHANICAL ENGINEERS V180 PP222-244 1965-66

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BY KLINE S J DOC NUMBER.....AD683773
INSTR...AF-49(638)01278
PROJECT/TASK.....9781/02

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UNIVERSITY OF CALIFORNIA
WAVE INTERACTIONS IN SATURABLE ABSORBERS
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BY SCHWARZ S E DOC NUMBER.....AD683788
TAN I Y INSTR...AF-AFOSR-0139-66
PROJECT/TASK.....9751/00

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UNIVERSIDAD DE BARCELONA
ON THE ZETA TO GAMMA GAMMA/ DECAY MODE AND THE VECTOR-MESON DOMINANT MODEL
IL NUOVO CIMENTO SER X V51 PP873-877 1 OCT 67
DAR ACCESS NO.....007563-001
BY BARACCA A — DOC NUMBER.....AD663A69
BRAMON A — INSTR...AF-ECAR -0017-66
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UNIVERSITY OF UTRECHT
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BY TAKEO M — DOC NUMBER.....AD663R86
HOLMES G A — INSTR...AF-69(638)01288
CHEN S Y — PROJECT/TASK.....9767/03

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PENNSYLVANIA STATE UNIVERSITY
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DAR ACCESS NO.....005204-001
BY MALSTON J O — DOC NUMBER.....AD664387
JOHNSON M — INSTR...AF-49(638)01425
PROJECT/TASK.....9782/01

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UNIVERSITY OF CHICAGO
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BY SPRINGETT B E — DOC NUMBER.....AD663990
COHEN M H — INSTR...AF-AFOSR-0751-67
JORTNER J — PROJECT/TASK.....9760/01

AFOSR 68-0112
BRANDEIS UNIVERSITY
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DAR ACCESS NO.....005153-010
BY DESER S — DOC NUMBER.....AD664028
INSTR...AF-AFOSR-0368-65
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SYRACUSE UNIVERSITY
NORTHER EQUATIONS AND CONSERVATION LAWS
COMMUN MATH PHYS V8 PP289-291 1967
DAR ACCESS NO.....002075-004
BY TRAUTMAN A — DOC NUMBER.....AD664001
INSTR...AF-AFOSR-0729-66
PROJECT/TASK.....9767/06

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UNIVERSITY OF WESTERN ONTARIO
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DAR ACCESS NO.....010903-001
BY SHANNON E — DOC NUMBER.....AD663988
INSTR...AF-AFOSR-0497-66
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PRINCETON UNIVERSITY
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BY AUMAN J R — DOC NUMBER.....AD663982
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YALE UNIVERSITY
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DAR ACCESS NO.....012319-032
BY SCULLY M O — DOC NUMBER.....AD663490
LAMB W E JR — INSTR...AF-AFOSR-0269-67
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AFOSR 68-0118
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ELEMENTARY EXCITATIONS IN DI-ELECTRON MOLECULES
DAR ACCESS NO.....013372-006
BY LINDBERG J — DOC NUMBER.....AD664772
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BY LYONS J D — DOC NUMBER.....AD664809
MURST W P — INSTR...AF-AFOSR-0191-67
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UNIVERSITY OF CALIFORNIA
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DAR ACCESS NO.....020610-00
BY WONG A Y — DOC NUMBER.....AD664007
INSTR...AF-AFOSR-0992-65
PROJECT/TASK.....9767/0

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UNIVERSITY OF BARCELONA
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DAR ACCESS NO.....[illegible]
BY BARACCA A — DOC NUMBER.....AD664024
BRAMON A — INSTR...AF-EOAR -0017-66
TIENHLO A — PROJECT/TASK.....9767/01

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STELLAR COMPOSITION AND NUCLEAR PROCESSES FINAL REPORT DEC 1967
DAR ACCESS NO.....000581-03
BY GREENSTEIN J L — DOC NUMBER.....AD664047
INSTR...AF-49(638)01323
PROJECT/TASK.....9776/01

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UNIVERSITY OF MINNESOTA
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DAR ACCESS NO.....010671-003
BY OVEREND J — DOC NUMBER.....AD664060
INSTR...AF-AFOSR-0570-66
PROJECT/TASK.....9780/01

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BY RINDLER W A — DOC NUMBER.....AD663893
INSTR...AF-AFOSR-0903-65
PROJECT/TASK.....9751/04

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DAR ACCESS NO.....012750-009
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PROJECT/TASK.....9751/04

AFOSR 68-0128
YALE UNIVERSITY
NITROGEN-14(NITROGEN-14 NITROGEN-13)(NITROGEN-15 REACTION AT LOW ENERGIES AND THE ELASTIC SCATTERING OF NITROGEN-14 BY NITROGEN-14
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DAR ACCESS NO.....001300-002
BY BRETT G — DOC NUMBER.....AD663969
POLAK J A — INSTR...AF-AFOSR-0194-66
TOMCHIA O A — PROJECT/TASK.....9751/02

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DAR ACCESS NO.....001[illegible]-004
BY OPPENHEIM A K — DOC NUMBER.....AD664001
INSTR...AF-AFOSR-0139-67
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UNIVERSITY OF TENNESSEE
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BY FLETCHER W H — DOC NUMBER.....AD664030
ALLEN J D — INSTR...AF-AFOSR-[illegible]-67
WILEY B J — PROJECT/TASK.....[illegible]

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THE CONCEPT OF A HIGH TEMPERATURE IN THE PLANE REACTION ZONE
BULLETIN ACADEMIE ROYALE BELGIQUE CLASSE SCIENCES V53 N9 PP826-835 15 APR 1967
BY VAN TIGGELEN P J
DUVAL A
OAR ACCESS NO.....001878-001
DOC NUMBER.....AD663475
INSTR...AF-EOAR-6046-66
PROJECT/TASK.....9750/02

AFOSR 68-0132
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A 52 AND THE ABSORPTION MODEL
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BY MIGNERON J M R
MORIARTY E
OAR ACCESS NO.....010642-011
DOC NUMBER.....AD664312
INSTR...AF-EOAR-3012-67
PROJECT/TASK.....9767/06

AFOSR 68-0133
HARVARD UNIVERSITY
DOUBLE-COINCIDENCE INTERNE EXPERIMENTS
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BY FITCH V L
HENRY G N
OAR ACCESS NO.....008861-043
DOC NUMBER.....AD664017
INSTR...AF-49(638)01380
PROJECT/TASK.....9751/01

AFOSR 68-0134
HARVARD UNIVERSITY
CLASSICAL THEORY OF MAGNETIC [illegible]
THE PHYSICAL REVIEW V160 N5 1302-1308 25 AUGUST 1967
BY VAN T M
OAR ACCESS NO.....AD8461-044
DOC NUMBER.....AD663978
INSTR...AF-49(638)01380
PROJECT/TASK.....9751/01

AFOSR 68-0135
HARVARD UNIVERSITY
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BY PUNIN A
OAR ACCESS NO.....008861-065
DOC NUMBER.....AD663978
INSTR...AF-49(638)01380
PROJECT/TASK.....9751/01

AFOSR 68-0136
HARVARD UNIVERSITY
QUANTUM THEORY OF PARAMETRIC AMPLIFICATION II
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BY MOLLOW U R
GLAUBER R J
OAR ACCESS NO.....008861-066
DOC NUMBER.....AD663978
INSTR...AF-49(638)01380
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AFOSR 68-0137
HARVARD UNIVERSITY
LAGRANGE FORMULATION FOR SYSTEMS WITH HIGHER SPIN
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BY CHANG S J
OAR ACCESS NO.....008861-067
DOC NUMBER.....AD663981
INSTR...AF-49(638)01380
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HARVARD UNIVERSITY
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BY BARTON G
DONNEY N
OAR ACCESS NO.....008861-068
DOC NUMBER.....AD664018
INSTR...AF-49(638)01380
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AFOSR 68-0139
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BY MORAVCSIK M J
OAR ACCESS NO.....008861-069
DOC NUMBER.....AD664019
INSTR...AF-49(638)01380
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AFOSR 68-0140
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BY DONNEY N
OAR ACCESS NO.....008861-050
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INSTR...AF-49(638)01380
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HARVARD UNIVERSITY
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OAR ACCESS NO.....008861-051
DOC NUMBER.....AD664018
INSTR...AF-49(638)01380
PROJECT/TASK.....9751/01

AFOSR 68-0142
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BY [illegible]
OAR ACCESS NO.....001733-004
DOC NUMBER.....AD663969
INSTR...AF-AFOSR-0234-65
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ARGOC [illegible] LETTRE ET LA RECH
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BY SCHUTZENBERGER M P
OAR ACCESS NO.....021950-001
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INSTR...AF-61(052)00945
PROJECT/TASK.....9769/06

AFOSR 68-0144
COLUMBIA UNIVERSITY
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BY WHITE A M
LAMBE J
OAR ACCESS NO.....000063-003
DOC NUMBER.....AD663959
INSTR...AF-AFOSR-0330-66
PROJECT/TASK.....9767/01

AFOSR 68-0145
TECHNION RESEARCH & DEVELOPMENT FOUNDATION LTD
ABSORPTION INTENSITY OF 3.3 MICRONS BAND OF METHANE
JOURNAL OPTICAL SOCIETY AMERICA V57 N9 PP1130-1130 SEPT 1967
BY FINKMAN E
GOLDMAN A
OPPENHEIM U P
OAR ACCESS NO.....010743-002
DOC NUMBER.....AD663954
INSTR...AF-EOAR-0026-67
PROJECT/TASK.....9750/01

AFOSR 68-0146
BRANDEIS UNIVERSITY
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BY YOCK P C M
GORDON D
OAR ACCESS NO.....005153-009
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INSTR...AF-AFOSR-036A-65
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AFOSR 68-0147
AVCO EVERETT RESEARCH LABORATORY
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BY PATRICK R M
PUGH E R
OAR ACCESS NO.....002272-008
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INSTR...AF-49(638)01683
PROJECT/TASK.....9752/01

AFOSR 68-0148
INNSBRUCK UNIVERSITY
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BY CAP F
RIMER N
OAR ACCESS NO.....013251-008
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BY DEWIT M
REINBERG A R
OAR ACCESS NO.....027700-002
DOC NUMBER.....AD664005
INSTR...F44620-67-C-0073
PROJECT/TASK.....9763/02

AFOSR 68-0150
DARTMOUTH COLLEGE
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BY RIDDER J N
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INSTR...AF-49(638)01518
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AFOSR 68-0151
UNIVERSITY OF ILLINOIS
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OAR ACCESS NO.....003603-001
BY DISATNIK Y
DDC NUMBER.....AD664006
INSTR...AF-AFOSR-0328-67
PROJECT/TASK.....9761/01

AFOSR 68-0152
UPPSALA UNIVERSITY
DE HAAS - VAN ALPHEN SUSCEPTIBILITY MEASUREMENTS ON P-TYPE
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OAR ACCESS NO.....012771-006
BY SCHWARTZ M
ROORCK G
BECKMAN O
DDC NUMBER.....AD663974
INSTR...AF-61/052/00937
PROJECT/TASK.....9763/02

AFOSR 68-0153
NEW YORK UNIVERSITY
AN APPLICATION OF THE EXTENDED KANTOROVICH METHOD TO
EIGENVALUE PROBLEMS
OAR ACCESS NO.....017022-102
BY KEHR A D
DDC NUMBER.....AD671529
INSTR...AF-AFOSR-0813-67
PROJECT/TASK.....9782/01

AFOSR 68-0154
UNIVERSITY OF TEXAS AT AUSTIN
MEASURE SELECTION AND PATTERN RECOGNITION IN THE EEG
USER TECHNICAL REPORT NO 42
OAR ACCESS NO.....015242-051
BY BISHOP M R
BELLM A J
DDC NUMBER.....AD667574
INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....9751/00

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OAR ACCESS NO.....020910-001
BY CURTIS E C
DDC NUMBER.....AD666656
INSTR...AF-49/638/01734
PROJECT/TASK.....9750/01

AFOSR 68-0156
INSTITUTE FOR ADVANCED STUDY
REMARKS ON NONLEPTONIC DECAYS IN SU /3/ SYMMETRY
NUOVO CIMENTO SER X V50 PP749-757 21 AUGUST 1967
OAR ACCESS NO.....0077A3-012
BY PAKVA S S
TUAN S F
DDC NUMBER.....AD664015
INSTR...AF-AFOSR-0042-65
PROJECT/TASK.....9751/01

AFOSR 68-0157
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
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REPORT JAN 1968
OAR ACCESS NO.....014230-006
BY SEYFERTH D
DDC NUMBER.....AD664065
INSTR...AF-AFOSR-0502-66
PROJECT/TASK.....9762/02

AFOSR 68-0158
TECHNION - ISRAEL INSTITUTE OF TECHNOLOGY
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OAR ACCESS NO.....012700-011
BY BRANSKY J
HIRSCH A A
DDC NUMBER.....AD663977
INSTR...AF-EOAR -0071-63
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BY MCLAUGHLIN M W
METCALF F T
DDC NUMBER.....AD664029
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BY KUSHNER H J
DDC NUMBER.....AD663998
INSTR...AF-AFOSR-0693-66
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BY JACOBS M Q
DDC NUMBER.....AD663999
INSTR...AF-AFOSR-0693-67
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UNIVERSITY OF WINDSOR
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OAR ACCESS NO.....011183-003
BY COPLEY G
KEBBLE R P
KRAUSE L
DDC NUMBER.....AD663997
INSTR...AF-AFOSR-0361-67
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OAR ACCESS NO.....000274-015
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DDC NUMBER.....AD663989
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OAR ACCESS NO.....012700-012
BY HIRSCH A A
FRIEDMAN N
DDC NUMBER.....AD663979
INSTR...AF-EOAR -0071-63
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OAR ACCESS NO.....012700-014
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DDC NUMBER.....AD663973
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OAR ACCESS NO.....026080-001
BY DE WETTE F W
NOSANOW L H
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OAR ACCESS NO.....009061-015
BY WHITE M W
MCCOLLUM D C
CALLAWAY J
DDC NUMBER.....AD663991
INSTR...AF-AFOSR-0523-66
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DDC NUMBER.....AD664000
INSTR...AF-AFOSR-0693-66
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OAR ACCESS NO.....010122-002
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ODC NUMBER.....AD664263
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BY LANGFORD C H
ODC NUMBER.....AD664281
WHITE J F
INSTR...AF-AFOSR-0212-65
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MCMASTER UNIVERSITY
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OAR ACCESS NO.....021030-004
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ODC NUMBER.....AD664280
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OAR ACCESS NO.....024770-001
BY BLAKEMORE J S
ODC NUMBER.....AD664275
INSTR...AF-AFOSR-1259-67
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OAR ACCESS NO.....007912-038
BY HODBY J W
ODC NUMBER.....AD664259
BORDERS J A
INSTR...AF44620-67-C-0047
BROWN F C
PROJECT/TASK.....9764/01
FONER S

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OAR ACCESS NO.....007912-039
BY REINE M
ODC NUMBER.....AD664296
YAFFEN G M F
INSTR...F44620-67-C-0047
LAX B
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OAR ACCESS NO.....007354-001
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ODC NUMBER.....AD664355
KNIEGER A S
INSTR...AF-AFOSR-0946-65
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ODC NUMBER.....AD664274
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OAR ACCESS NO.....022190-004
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ODC NUMBER.....AD664245
INSTR...AF-49(638)-01517
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OAR ACCESS NO.....007353-001
BY BRADT H
ODC NUMBER.....AD664265
LA POINTE M
INSTR...AF-AFOSR-0946-64
RAPPAPORT S
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OAR ACCESS NO.....007353-002
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ODC NUMBER.....AD664266
CLARK G
INSTR...AF-AFOSR-0946-64
LA POINTE M
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DOMINGO V
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OAR ACCESS NO.....007353-003
BY TOYODA Y
ODC NUMBER.....AD664267
SUGA K
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HASEGAWA M
SHIRATA S

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UNIVERSITY OF COLORADO
STRONG DECAYS OF HIGHER SPIN BARYON RESONANCES IN O/4,2/
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OAR ACCESS NO.....013091-015
BY HARUT A O
ODC NUMBER.....AD664310
TRIPATHY K C
INSTR...AF-AFOSR-0030-65
PROJECT/TASK.....9741/01

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UNIVERSITY OF COLORADO
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OAR ACCESS NO.....013091-010
BY BARUT A O
ODC NUMBER.....AD664311
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UNIVERSITY OF CALIFORNIA
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OAR ACCESS NO.....005134-021
BY FREEDMAN D Z
ODC NUMBER.....AD664257
WANG J M
INSTR...AF-AFOSR-0232-68
PROJECT/TASK.....9751/01

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OAR ACCESS NO.....018691-002
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ODC NUMBER.....AD664290
STEWART D K
INSTR...AF-AFOSR-0622-65
PROJECT/TASK.....9779/02

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UNIVERSITY COLLEGE
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J ZOOL LOND V150 PP1-9 1966
OAR ACCESS NO.....004346-004
BY NIXON M
ODC NUMBER.....AD664261
INSTR...AF-EOAR -0053-66
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KAROLINSKA INSTITUTET
REUPTAKE OF NORADRENALINE IN ISOLATED ADRENERGIC NERVE GRANULES AND THE ACTION OF ATP
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OAR ACCESS NO.....005725-002
BY VON EULER U S
ODC NUMBER.....AD664312
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OAR ACCESS NO.....014381-015
BY ENINGER B
ODC NUMBER.....AD664309
THUNBERG R
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UNIVERSITY OF ZURICH
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BY KOLINSKA J
SEMENZA G

OAR ACCESS NO.....022840-001
DDC NUMBER.....AD664298
INSTR...AF-EOAR -0017-67
PROJECT/TASK.....9777/01

AFOSR 68-0195
UNIVERSITY OF ZURICH
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CURTIUS C H
KOLINSKA J
MULLER M

OAR ACCESS NO.....022840-002
DDC NUMBER.....AD664251
INSTR...AF-EOAR -0017-67
PROJECT/TASK.....9777/01

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UNIVERSITY OF ROME
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BY RICCI G F
VALASSI F
ZAMPARO L

OAR ACCESS NO.....012929-001
DDC NUMBER.....AD664250
INSTR...AF-EOAR -0040-66
PROJECT/TASK.....9777/01

AFOSR 68-0197
UNIVERSITY OF MINNESOTA
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INTERACTION OF RADIATION WITH SOLIDS A BISHAY ED PLENUM PRESS PP617-627 1967

BY WERTZ J E
HALL L C
HELGESON J
CHAO C C
DYKOSKI W S

OAR ACCESS NO.....005453-002
DDC NUMBER.....AD664268
INSTR...AF-AFOSR-0200-66
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UNIVERSITY OF CALIFORNIA
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BY CHANG L N

OAR ACCESS NO.....005136-022
DDC NUMBER.....AD664258
INSTR...AF-AFOSR-0232-66
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BY MARIA H J
ZAHLAN A B

OAR ACCESS NO.....020000-001
DDC NUMBER.....AD664313
INSTR...AF-EOAR -0037-66
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DDC NUMBER.....AD664305
INSTR...AF-AFOSR-0200-63
PROJECT/TASK.....9761/03

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BY SARVER C E
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OAR ACCESS NO.....024770-002
DDC NUMBER.....AD664279
INSTR...AF-AFOSR-1259-67
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LINEAR SPACES OF ANALYTIC FUNCTIONS
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BY PORCELLI P

OAR ACCESS NO.....011741-001
DDC NUMBER.....AD664449
INSTR...AF-49(638)-01426
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BY THOMPSON R
GOVINDARAJULU Z
DOKSUM K A

OAR ACCESS NO.....015250-003
DDC NUMBER.....AD664292
INSTR...AF-AFOSR-0741-68
PROJECT/TASK.....9749/02

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UNIVERSITY OF MINNESOTA
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BY PARISEAU M A
SUZUKI I
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DDC NUMBER.....AD664272
INSTR...AF-AFOSR-0570-66
PROJECT/TASK.....9760/01

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VICTORIA UNIVERSITY OF WELLINGTON
APPLICATIONS FOR THE MOSSBAUER EFFECT IN CHEMISTRY

BY DUNCAN J F

OAR ACCESS NO.....011751-004
DDC NUMBER.....AD664352
INSTR...AF-AFOSR-0027-65
PROJECT/TASK.....9710/03

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AN OPTICALLY TRANSPARENT THIN LAYER ELECTROCHEMICAL CELL
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BY MURRAY R W
HEINEMAN W R
O DON G W

OAR ACCESS NO.....019081-303
DDC NUMBER.....AD664293
INSTR...AF-AFOSR-0584-66
PROJECT/TASK.....9760/01

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INDIANA UNIVERSITY
EFFECT OF BOND FORMATION ON ELECTRON SCATTERING CROSS SECTIONS FOR MOLECULES
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BY [illegible]OHL D A
LONMAN R A

OAR ACCESS NO.....010651-021
DDC NUMBER.....AD664255
INSTR...AF-AFOSR-0602-66
PROJECT/TASK.....9760/02

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UNIVERSITY OF NORTH CAROLINA
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RONA P

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INSTR...AF-AFOSR-0269-63
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UNIVERSITY OF SOUTHERN CALIFORNIA
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BY WANG P K C

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UNIVERSITY OF SOUTHERN CALIFORNIA
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INSTR...AF-AFOSR-1029-67
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OAR ACCESS NO.....013831-001
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CUSSLER E L
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DDC NUMBER.....AD664434
INSTR...AF-AFOSR-0244-65
PROJECT/TASK.....9760/02

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KILNER W L
DDC NUMBER.....AD666469
INSTR...AF-AFOSR-1023-67
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AFOSR 68-0218
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OAR ACCESS NO.....001686-045
BY GELENBE S E
DDC NUMBER.....AD666696
INSTR...AF-49/638/01408
PROJECT/TASK.....4751/00

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OAR ACCESS NO.....000178-001
BY HELLIWELL R A
DDC NUMBER.....AD666648
INSTR...AF-AFOSR-0783-67
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OAR ACCESS NO.....001685-043
BY CASSEDY E S
DDC NUMBER.....AD664431
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DDC NUMBER.....AD664426
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PROJECT/TASK.....9782/01

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TWO NEW RESULTS IN CYLINDRICAL DIOCOTRON THEORY
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OAR ACCESS NO.....005241-002
BY LEVY R H
DDC NUMBER.....AD663208
INSTR...AF-49/638/01553
PROJECT/TASK.....9752/01

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OAR ACCESS NO.....014530-003
BY PENFOLD A S
VARDER R C JR
DDC NUMBER.....AD664432
INSTR...AF-49/638/01251
PROJECT/TASK.....9752/01

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MASS SPECTROSCOPIC OBSERVATION OF IGNITION PHENOMENA IN A SMALL ROCKET COMBUSTION CHAMBER
OAR ACCESS NO.....025480-003
BY SAWYER R F
DDC NUMBER.....AD664580
INSTR...AF-AFOSR-1256-67
PROJECT/TASK.....9750/02

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DDC NUMBER.....AD664585
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INSTR...AF-49/638/01402
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OAR ACCESS NO.....009583-012
BY LEVINE L S
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OAR ACCESS NO.....001107-001
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DDC NUMBER.....A9864602
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OAR ACCESS NO.....015242-042
BY FRIEDRICH O M JR
WEIGL F
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OAR ACCESS NO.....015242-043
BY NASTEN M K
WOMACK B F
DDC NUMBER.....AD664594
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DDC NUMBER.....AD664924
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DDC NUMBER.....AD664915
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DDC NUMBER.....AD664422
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OAR ACCESS NO.....017500-004
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DDC NUMBER.....AD670024
INSTR...AF-49(638)01509
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OAR ACCESS NO.....005022-008
BY KARNOPP D C
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INSTR...AF-49(638)01314
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UNIVERSITY OF UTAH
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OAR ACCESS NO.....001868-002
BY CHENG J T
BAER A D
RYAN N W
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OAR ACCESS NO.....021361-001
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DDC NUMBER.....AD664596
INSTR...F44620-67-C-0041
PROJECT/TASK.....6144/50

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OAR ACCESS NO.....003643-004
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BY BLACKWELL D
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INSTR...AF-AFOSR-1312-67
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DDC NUMBER.....AD828498L
INSTR...AF-AFOSR-0409-65
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OAR ACCESS NO.....019910-002
BY VANPEE M
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DDC NUMBER.....AD829666
INSTR...AF-49(638)01675
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DDC NUMBER.....AD668455
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BY YOUNG J Z — DDC NUMBER.....AD668166
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INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....4751/00

AFOSR 68-0291
UNIVERSITY COLLEGE
LEVELS OF RESPONSIVENESS TO FOOD OR ITS ABSENCE AND THE VERTICAL LOBE CIRCUIT OF OCTOPUS VULGARIS LAMARCK
ZEITSCHRIFT FUR VERGLEICHENDE PHYSIOLOGIE V53 PP169-184 1966
OAR ACCESS NO.....004344-011
BY NIXON M; YOUNG J Z — DDC NUMBER.....AD665196
INSTR...AF-EOAR -0042-66
PROJECT/TASK.....9777/01

AFOSR 68-0292
UNIVERSITY COLLEGE
THE EFFECTS ON LOCOMOTION OF LESIONS TO THE VISUO-MOTOR SYSTEM IN OCTOPUS
PROCEEDINGS OF THE ROYAL SOCIETY SER B V167 PP252-281 1967
OAR ACCESS NO.....004346-008
BY MESSENGER J B — DDC NUMBER.....AD665168
INSTR...AF-EOAR -0053-66
PROJECT/TASK.....9777/01

AFOSR 68-0293
UNIVERSITY COLLEGE
THE PEDUNCLE LOBE A VISUO-MOTOR CENTRE IN OCTOPUS
PROCEEDINGS OF THE ROYAL SOCIETY SER B V167 PP225-251 1967
OAR ACCESS NO.....004346-009
BY MESSENGER J B — DDC NUMBER.....AD665167
INSTR...AF-EOAR -0053-66
PROJECT/TASK.....9777/01

AFOSR 68-0294
WESTERN RESERVE UNIVERSITY
CAPACITY OF THE NEUROHYPOPHYSIS TO RELEASE VASOPRESSIN
ENDOCRINOLOGY V81 N6 PP785-790 OCT 1967
OAR ACCESS NO.....014880-008
BY SACHS H
SHARE L
OSINCHAK J
CARPI A
DDC NUMBER.....AD668218
INSTR...AF-AFOSR-0692-65
PROJECT/TASK.....9777/01

AFOSR 68-0295
HEBREW UNIVERSITY
ON EXTREME POINTS IN L1
ISRAEL JOURNAL OF MATHEMATICS V6 N1 PP89-91 MARCH 1968
OAR ACCESS NO.....003843-008
BY LINDENSTRAUSS J
DDC NUMBER.....AD668209
INSTR...AF-EOAR -0018-66
PROJECT/TASK.....9749/02

AFOSR 68-0296
UNIVERSITY OF MINNESOTA
ON THE PROBLEM OF MULTIPLE SOLUTIONS IN THE CALCULATION OF FORCE CONSTANTS BY LEAST-SQUARES
SPECTROCHIMICA ACTA V22 PP1383-1388 1966
OAR ACCESS NO.....010071-005
BY NEEDHAM C D
OVEREND J
DDC NUMBER.....AD668210
INSTR...AF-AFOSR-0670-64
PROJECT/TASK.....9760/01

AFOSR 68-0297
UNIVERSITY OF TEXAS
DYNAMICS OF PRESSURE-FREE MATTER IN GENERAL RELATIVITY
JOURNAL OF MATHEMATICAL PHYSICS V8 N6 PP1171-1194 MAY 1967
OAR ACCESS NO.....013972-001
BY ELLIS G F R
DDC NUMBER.....AD668267
INSTR...AF-AFOSR-0484-65
PROJECT/TASK.....9749/01

AFOSR 68-0298
NEW YORK UNIVERSITY
DAMPING GIMBALLESS INERTIAL NAVIGATION SYSTEMS
ICEE TRANSACTIONS ON AEROSPACE AND ELECTRONIC SYSTEMS
VAES3 N3 PP481-494 MAY 1967
OAR ACCESS NO.....014292-001
BY GRAMMATIKOS A
SCHULER A R
FEGLEY K A
DDC NUMBER.....AD668269
INSTR...AF-AFOSR-0499-67
PROJECT/TASK.....9749/01

AFOSR 68-0299
UNIVERSITY OF WASHINGTON
ON NEWTONS METHOD
NUMERISCHE MATHEMATIK V7 PP391-393 1965
OAR ACCESS NO.....014082-002
BY GOLDSTEIN A A
DDC NUMBER.....AD665277
INSTR...AF-AFOSR-0937-65
PROJECT/TASK.....9749/01

AFOSR 68-0300
UNIVERSITY OF WASHINGTON
CONVEX PROGRAMMING AND OPTIMAL CONTROL
J SIAM CONTROL SER A V3 N1 PP142-146 1965
OAR ACCESS NO.....014082-003
BY GOLDSTEIN A A
DDC NUMBER.....AD665273
INSTR...AF-AFOSR-0937-65
PROJECT/TASK.....9749/01

AFOSR 68-0301
STANFORD UNIVERSITY
PERIODIC SOLUTIONS OF DIFFERENTIAL-DIFFERENCE EQUATIONS WITH RELAY CONTROL
INTERN J CONTROL V6 N1 PP1-25 1967
OAR ACCESS NO.....015280-002
BY KASHIWAGI Y
FLUGGE-LOTZ I
DDC NUMBER.....AD665239
INSTR...AF-69/638/01431
PROJECT/TASK.....9749/01

AFOSR 68-0302
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
GROUP RINGS OVER DEDEKIND DOMAINS II
JOURNAL OF ALGEBRA V7 N2 PP270-279 OCTOBER 1967
OAR ACCESS NO.....007092-003
BY LARSON R G
DDC NUMBER.....AD665194
INSTR...AF-AFOSR-0335-62
PROJECT/TASK.....9749/02

AFOSR 68-0303
UNIVERSITY OF ILLINOIS
SECONDARY-ELECTRON EMISSION FROM GLYCEROL-COATED COPPER SURFACES
JOURNAL APPLIED PHYSICS V38 N11 PP4310-4313 OCT 1967
OAR ACCESS NO.....013242-002
BY GILL J J
HENDRICKS C D
DDC NUMBER.....AD665246
INSTR...AF-AFOSR-0107-66
PROJECT/TASK.....9782/01

AFOSR 68-0304
STANFORD UNIVERSITY
A PROCEDURE FOR CONFORMAL MAPPING OF TRIPLY - CONNECTED DOMAINS
MATHEMATICS OF COMPUTATION V21 N100 PP827-842 OCT 1967
OAR ACCESS NO.....015720-001
BY BERGMAN S
CHALMERS B
DDC NUMBER.....AD668283
INSTR...AF-AFOSR-1047-66
PROJECT/TASK.....9749/02

AFOSR 68-0306
PRINCETON UNIVERSITY
ELEMENTARY AND COMPOSITE PARTICLES IN THE 1-THETA SECTOR OF THE LEE MODEL
NUCL PHYS B2 PP441-448 24 APR 1967
OAR ACCESS NO.....008123-017
BY CHOUDHURY S R
SRIVASTAVA P K
DDC NUMBER.....AD666000
INSTR...AF-49/638/01545
PROJECT/TASK.....9767/04

AFOSR 68-0307
BROWN UNIVERSITY
AN INVARIANCE PRINCIPLE IN THE THEORY OF STABILITY
DIFFERENTIAL EQUATIONS & DYNAMICAL SYSTEMS PROC INTERN SYMP PUERTO RICO DEC 27-30 1965 ACADEMIC PR N Y PP277-286 1967
OAR ACCESS NO.....019891-013
BY LASALLE J P
DDC NUMBER.....AD668662
INSTR...AF-AFOSR-0693-65
PROJECT/TASK.....9749/01

AFOSR 68-0308
UNIVERSITY OF MINNESOTA
CONTROL OF LINEAR TIME DELAY SYSTEMS WITH ESSENTIALLY LINEAR COST FUNCTIONALS
DIFFERENTIAL EQUATIONS & DYNAMICAL SYSTEMS PROC INTERN SYMP PUERTO RICO DEC 27-30 1965 ACADEMIC PRESS N Y PP103-114 1967
OAR ACCESS NO.....018720-004
BY CHYUNG D H
LEE E B
DDC NUMBER.....AD668256
INSTR...AF-AFOSR-0871-66
PROJECT/TASK.....9749/01

AFOSR 68-0309
WESTERN RESERVE UNIVERSITY
ROLE OF PERIPHERAL RECEPTORS IN THE INCREASED RELEASE OF VASOPRESSIN IN RESPONSE TO HEMORRHAGE
ENDOCRINOLOGY V81 N5 PP1140-1146 NOV 1967
OAR ACCESS NO.....014820-006
BY SHARE L
DDC NUMBER.....AD668198
INSTR...AF-AFOSR-0692-65
PROJECT/TASK.....9777/01

AFOSR 68-0310
BRANDEIS UNIVERSITY
CHARACTERISTICS OF ALDOLASE VARIFORMITY
BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS
V28 N6 PP978-984 1967
OAR ACCESS NO.....015521-002
BY MASTERS C J
DDC NUMBER.....AD665208
INSTR...AF-AFOSR-0732-67
PROJECT/TASK.....9777/01

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KAROLINSKA INSTITUTET
REUPTAKE AND NET UPTAKE OF NORADRENALINE IN ADRENERGIC NERVE GRANULES WITH A NOTE ON THE AFFINITY FOR L-AND D-ISOMERS
ACTA PHYSIOLOGICA SCANDINAVICA V71 PP151-162 1967
OAR ACCESS NO.....008725-003
BY VON EULER U S
LISHAJKO F
DDC NUMBER.....AD668270
INSTR...AF-EOAR -0018-67
PROJECT/TASK.....9777/01

AFOSR 68-0312
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
EXTRINSIC COTTON EFFECTS IN DYE-BOVINE PLASMA ALBUMIN ADDUCTS
PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES V58 N5 PP2051-2054 NOV 1967
OAR ACCESS NO.....023260-001
BY DOUBEN R M
ORKIN S H
DDC NUMBER.....AD665271
INSTR...F44620-67-C-0031
PROJECT/TASK.....9777/01

AFOSR 68-0313
JOHN B PIERCE FOUNDATION OF CONNECTICUT
APPARENT WARMTH AS A FUNCTION OF THERMAL IRRADIATION
PERCEPTION AND PSYCHOPHYSICS V2 N12 PP613-619 1967
OAR ACCESS NO.....022110-001
BY STEVENS J C
MARKS L E
DDC NUMBER.....AD665263
INSTR...F44620-67-C-0017
PROJECT/TASK.....9777/01

AFOSR 68-0314
UNIVERSITY OF CALIFORNIA
ELECTROENCEPHALOGRAPHIC CORRELATES OF LEARNING IN
SUBCORTICAL AND CORTICAL STRUCTURES
ELECTROENCEPHALOGRAPHY AND CLINICAL NEUROPHYSIOLOGY V23
PP306-319 1967
OAR ACCESS NO.....009388-020
BY BLAZAR Z DDC NUMBER.....AD665241
ADEY W R INSTR...AF-49(638)01387
PROJECT/TASK.....9777/01

AFOSR 68-0315
UNIVERSITY OF LUND
MONOAMINERGIC MECHANISMS IN THE NERVOUS SYSTEM OF
LUMBRICUS TERRESTRIS /L /
ZEITSCHRIFT FUR ZELLFORSCHUNG VOL PP311-343 1967
OAR ACCESS NO.....014342-009
BY MYHRBERG H E DDC NUMBER.....AD665263
INSTR...AF-EOAR -0015-67
PROJECT/TASK.....9777/01

AFOSR 68-0316
TUFTS UNIVERSITY
COMPENSATION FOR AUDITORY RE-ARRANGEMENT FOLLOWING
EXPOSURE TO AUDITORY-TACTILE DISCORDANCE
PERCEPTUAL AND MOTOR SKILLS V28 PP861-866 1967
OAR ACCESS NO.....014320-011
BY FREEDMAN S J DDC NUMBER.....AD665244
WILSON L INSTR...AF-49(638)01262
PROJECT/TASK.....9778/01

AFOSR 68-0317
WASHINGTON STATE UNIVERSITY
SOME EFFECTS OF COMBINING CLOSE PUNITIVE AND SUPPORTIVE
STYLES OF SUPERVISION FINAL REPORT JUNE 1968
OAR ACCESS NO.....023180-001
BY DAY H C DDC NUMBER.....AD671914
INSTR...F44620-67-C-0040
PROJECT/TASK.....9779/01

AFOSR 68-0318
UNIVERSITY OF ROCHESTER
POSITRON ANNIHILATION IN METALS FINAL REPORT FEB 1968
OAR ACCESS NO.....016610-008
BY PARKS R D DDC NUMBER.....AD666153
INSTR...AF-AFOSR-0807-65
PROJECT/TASK.....9763/02

AFOSR 68-0319
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
EXPERIMENTS ON SCATTERING OF MONO-ENERGETIC ARGON BEAMS
BY HEATED PLATINUM
M I T FLUID DYNAMICS RESEARCH LABORATORY REPORT NO 68-1
OAR ACCESS NO.....000478-006
BY MORAN J P DDC NUMBER.....AD671915
INSTR...AF-49(638)01601
PROJECT/TASK.....9783/01

AFOSR 68-0320
RAM SYSTEMS
STUDY OF PROPERTIES OF ACCELERATED PLASMA FINAL REPORT JAN
1968
OAR ACCESS NO.....013460-003
BY DAILEY C L DDC NUMBER.....AD667207
INSTR...AF-49(638)01210
PROJECT/TASK.....9752/01

AFOSR 68-0321
TECHNISCHE HOCHSCHULE IN WEIN
ON THE LIFETIME OF VISCOELASTIC STRUCTURES IN A MONOM
TEMPERATURE FIELD
RECENT PROGRESS IN APPLIED MECHANICS / PP391-397 1967
OAR ACCESS NO.....003561-006
BY PARKUS H DDC NUMBER.....AD665477
INSTR...AF-61(052)00645
PROJECT/TASK.....9749/01

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MASSACHUSETTS INSTITUTE OF TECHNOLOGY
PRELIMINARY COMMUNICATION GENERATION OF FLUOROCHLOROCARBENE
BY THE MERCURIAL ROUTE
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OAR ACCESS NO.....014231-017
BY SEYFERTH D DDC NUMBER.....AD665470
DARRAGH K V INSTR...AF-AFOSR-0502-66
PROJECT/TASK.....9762/02

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UNIVERSITY OF CALIFORNIA
THE THEORY OF SEQUENTIAL RELATIONS
INFORMATION AND CONTROL V9 N5 OCTOBER 1966
OAR ACCESS NO.....019491-002
BY GRAY J N DDC NUMBER.....AD665466
HARRISON M A INSTR...AF-AFOSR-0639-65
PROJECT/TASK.....9749/01

AFOSR 68-0324
UNIVERSITY OF WASHINGTON
ON STEEPEST DESCENT
J SIAM CONTROL SER A V3 N1 PP147-181 1967
OAR ACCESS NO.....014082-004
BY GOLDSTEIN A A DDC NUMBER.....AD665476
INSTR...AF-AFOSR-0937-66
PROJECT/TASK.....9749/01

AFOSR 68-0325
UNIVERSITY OF WASHINGTON
APPROXIMATION FROM A CURVE OF FUNCTIONS
ARCHIVE FOR RATIONAL MECHANICS AND ANALYSIS V24 N2
PP91-106 1967
OAR ACCESS NO.....014082-008
BY HOBBY C R DDC NUMBER.....AD665475
RICE J R INSTR...AF-AFOSR-0937-66
PROJECT/TASK.....9749/01

AFOSR 68-0327
PRINCETON UNIVERSITY
A PROBABILISTIC APPROACH TO THE PARAMETER SENSITIVITY
PROBLEM
PROC 5TH ANN ALLERTON CONF ON CIRCUIT AND SYS THEORY
CHAMPAIGN ILLINOIS 4-6 OCTOBER 1967
OAR ACCESS NO.....023760-001
BY LIU B DDC NUMBER.....AD665874
VAN VALKENBURG M E INSTR...AF-AFOSR-1333-67
PROJECT/TASK.....9749/01

AFOSR 68-0328
YALE UNIVERSITY
EFFECT OF PRESSURE ON CONDUCTANCE IV IONIC ASSOCIATION AND
WALDEN PRODUCTS IN ETHANOL
JOURNAL PHYSICAL CHEMISTRY V71 N13 PP4489-4494 DEC 1967
OAR ACCESS NO.....013531-002
BY CUSSLER E L DDC NUMBER.....AD665571
FUOSS R M INSTR...AF-AFOSR-0246-63
PROJECT/TASK.....9760/02

AFOSR 68-0329
UNIVERSITY OF CALIFORNIA
CHEMICAL IONIZATION MASS SPECTROMETRY VII REACTIONS OF
BENZENE IONS WITH BENZENE
JOURNAL AMERICAN CHEMICAL SOCIETY V89 N24 PP6035-6038
22 NOV 1967
OAR ACCESS NO.....012962-010
BY FIELD F H DDC NUMBER.....AD665840
HAMLET P INSTR...AF-AFOSR-0246-65
LIGBY W F PROJECT/TASK.....9710/03

AFOSR 68-0330
UNIVERSITY OF CALIFORNIA
SPACE CHEMISTRY
BULETINUL INSTITUTULUI POLITECHNIC DIN IASI V13 PP171-178
1967
OAR ACCESS NO.....012962-011
BY LIGBY W F DDC NUMBER.....AD665849
INSTR...AF-AFOSR-0246-65
PROJECT/TASK.....9710/03

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YALE UNIVERSITY
EINSTEIN EQUATIONS AND ELECTROMAGNETISM
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OAR ACCESS NO.....011494-007
BY LANCZOS C DDC NUMBER.....AD665582
INSTR...AF-AFOSR-0397-67
PROJECT/TASK.....9749/01

AFOSR 68-0332
INTERNATIONAL BUSINESS MACHINES CORPORATION
QUANTITATIVE DETERMINATION OF EVAPORATED SI FILMS BY
NEUTRON ACTIVATION
JOURNAL OF APPLIED PHYSICS V38 N12 PP4927-4928 NOVEMBER
1967
OAR ACCESS NO.....012960-015
BY PEART R F DDC NUMBER.....AD665558
JONA F INSTR...AF-49(638)01201
WENDT H R PROJECT/TASK.....9761/02
SEIRMARCO J A

AFOSR 68-0333
CORNELL UNIVERSITY
METHOD FOR PRODUCTION OF BLAZED OPTICAL DIFFRACTION
GRATINGS FROM SINGLE CRYSTAL MATERIALS
APPLIED PHYSICS LETTERS V11 N11 PP335-337 DEC 1967
OAR ACCESS NO.....015710-004
BY BLAKELY J M DDC NUMBER.....AD665573
INSTR...AF-AFOSR-0700-66
PROJECT/TASK.....9761/03

AFOSR 68-0334
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
THEORY OF TUNNELING INCLUDING PHOTON-ASSISTED TUNNELING IN SEMICONDUCTORS IN CROSSED AND PARALLEL ELECTRIC AND MAGNETIC FIELDS
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BY WEILER M H
ZAWADZKI W
LAX B
OAR ACCESS NO.....007918-060
DDC NUMBER.....AD665963
INSTR...F44620-67-C-0067
PROJECT/TASK.....9764/01

AFOSR 68-0335
UNIVERSITY OF BRITISH COLUMBIA
AN EXTENSION OF AIRYS EQUATION
SIAM J APPL MATH V15 N6 PP1400-1412 NOV 67
BY SWANSON C A
MEADLEY V B
OAR ACCESS NO.....008673-004
DDC NUMBER.....AD665819
INSTR...AF-AFOSR-0379-66
PROJECT/TASK.....9768/01

AFOSR 68-0336
UNIVERSITY OF VIRGINIA
PROXIMITY EFFECTS IN EUTECTIC ALLOYS TRANSITION TEMPERATURE AND SPECIFIC HEAT
PHYSICS LETTERS V28A N7 PP531-532 2 OCT 67
BY YEH N H T
MECHETTI H
OAR ACCESS NO.....028180-004
DDC NUMBER.....AD665588
INSTR...AF-AFOSR-1138-66
PROJECT/TASK.....9763/02

AFOSR 68-0337
UNIVERSITY OF FLORIDA
ESTIMATION OF LIMITS OF DETECTION FOR THE FLAME EMISSION GAS CHROMATOGRAPHIC DETECTOR
JOURNAL CHROMATOGRAPHY V31 PP1-8 1967
BY WINEFORDNER J D
OVERFIELD C V
OAR ACCESS NO.....020431-005
DDC NUMBER.....AD665550
INSTR...AF-AFOSR-1033-67
PROJECT/TASK.....9710/03

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UNIVERSITY OF FLORIDA
A STATISTICAL METHOD FOR EVALUATION OF LIMITING DETECTABLE SAMPLE CONCENTRATIONS
ANALYTICAL CHEMISTRY V39 N12 PP1495-1497 OCT 1967
BY ST JOHN P A
MCCARTHY W J
WINEFORDNER J D
OAR ACCESS NO.....014920-003
DDC NUMBER.....AD665577
INSTR...AF-AFOSR-0739-66
PROJECT/TASK.....9710/03

AFOSR 68-0339
YALE UNIVERSITY
COMPLETE SOLUTION OF A GENERAL PROBLEM OF THREE BODIES
THE ASTRONOMICAL JOURNAL V72 N7 PP876-883 SEPTEMBER 1967
BY SZEBEHELY V
PETERS C F
OAR ACCESS NO.....011494-002
DDC NUMBER.....AD665581
INSTR...AF-AFOSR-0397-67
PROJECT/TASK.....9749/01

AFOSR 68-0340
UNIVERSITY OF WASHINGTON
SOME LIMITING CASES OF THE RESTRICTED FOUR-BODY PROBLEM
ASTRON J V72 N8 PP959-963 OCT 67
BY MOHN L
KEVORKIAN J
OAR ACCESS NO.....021410-002
DDC NUMBER.....AD665579
INSTR...AF-AFOSR-1054-66
PROJECT/TASK.....9749/01

AFOSR 68-0342
GENERAL ELECTRIC CO
CRYSTAL CHEMISTRY OF NEW HIGH-PRESSURE PHASES FINAL REPORT JAN 1968
BY KASPER J S
OAR ACCESS NO.....019100-001
DDC NUMBER.....AD665876
INSTR...AF-49/638/01361
PROJECT/TASK.....9710/03

AFOSR 68-0343
UNIVERSITY OF GEORGIA
TRANSITION-METAL COMPLEXES CONTAINING NITROGEN PHOSPHORUS OR SULFUR
BY KING R B
OAR ACCESS NO.....019062-001
DDC NUMBER.....AD665429
INSTR...AF-AFOSR-1211-67
PROJECT/TASK.....9710/02

AFOSR 68-0344
STANFORD UNIVERSITY
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BY AITKEN D W
OAR ACCESS NO.....020820-001
DDC NUMBER.....AD665385
INSTR...AF-49/638/01593
PROJECT/TASK.....3809/00

AFOSR 68-0345
HUGHES RESEARCH LABORATORIES
ACID-BASE CHARACTERISTICS OF PHOTOCHROMISM
BY MARGENUM J D
OAR ACCESS NO.....014220-006
DDC NUMBER.....AD665426
INSTR...AF-49/638/01264
PROJECT/TASK.....9782/03

AFOSR 68-0346
CASE WESTERN RESERVE UNIVERSITY
SOME RESULTS IN A THEORY OF PROBLEM SOLVING
SRC 130-A-67-39
BY BANERJI R B
OAR ACCESS NO.....012073-001
DDC NUMBER.....AD665043
INSTR...AF-AFOSR-0139-67
PROJECT/TASK.....9769/05

AFOSR 68-0347
GIANNINI CONTROLS CORPORATION
NATURAL VIBRATIONS OF FINITELY DEFORMABLE STRUCTURES
AIAA JOURNAL V5 N12 PP2280-2283 DEC 1967
BY DOUGLAS W J
OAR ACCESS NO.....017500-003
DDC NUMBER.....AD665828
INSTR...AF-49/638/01509
PROJECT/TASK.....9782/01

AFOSR 68-0348
AVCO/EVERETT RESEARCH LAB
ON A NEW SOURCE OF HIGHLY STRIPPED HEAVY IONS
RESEARCH REPORT 288 JAN 1968
BY DAUGHERTY J D
GRODZINS L
JANES G S
LEVY R H
OAR ACCESS NO.....008241-003
DDC NUMBER.....AD665866
INSTR...AF-49/638/01553
PROJECT/TASK.....9752/01

AFOSR 68-0349
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THE FLOW PAST A CIRCULAR CYLINDER WHICH IS STARTED IMPULSIVELY FROM REST
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BY WANG C Y
OAR ACCESS NO.....001394-005
DDC NUMBER.....AD665646
INSTR...AF-AFOSR-0186-65
PROJECT/TASK.....9781/02

AFOSR 68-0350
JOHNS HOPKINS UNIVERSITY
THEORY VS EXPERIMENT FOR FINITE AMPLITUDE STRESS WAVES
RECENT ADVANCES IN ENGINEERING SCIENCE GORDON & BREACH N Y 1967 PP585-592
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OAR ACCESS NO.....005401-002
DDC NUMBER.....AD665827
INSTR...AF-49/638/01715
PROJECT/TASK.....9782/01

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UNIVERSITY OF BRISTOL
SYNTHESIS OF RHODIUM CARBONYL AND IRIDIUM CARBONYL
CHEMICAL COMMUNICATIONS P984 1967
BY CHASTON S H H
STONE F G A
OAR ACCESS NO.....015380-004
DDC NUMBER.....AD665820
INSTR...AF-61/052/00847
PROJECT/TASK.....9710/02

AFOSR 68-0352
HEBREW UNIVERSITY
ON A THEOREM OF MURRAY AND MACKEY
ANAIS DA ACAD BRASILEIRA CIENCIAS V39 N1 PP1-6 31 MAR 1967
BY LINDENSTRAUSS J
OAR ACCESS NO.....003643-009
DDC NUMBER.....AD665648
INSTR...AF-EOAR -00168-66
PROJECT/TASK.....9749/02

AFOSR 68-0353
UNIVERSITY OF FLORIDA
SEVERAL HIGH SENSITIVITY RADIO-FREQUENCY DETECTORS FOR PERMANENT GAS ANALYSIS
JOURNAL OF GAS CHROMATOGRAPHY V6 PP11-17 JAN 1968
BY WILLIAMS H P
WINEFORDNER J D
OAR ACCESS NO.....014920-004
DDC NUMBER.....AD665654
INSTR...AF-AFOSR-0739-65
PROJECT/TASK.....9710/03

AFOSR 68-0354
UNIVERSITY OF FLORIDA
OPTIMIZATION OF THE CRITICAL INSTRUMENTAL PARAMETERS FOR ACHIEVING MAXIMUM SENSITIVITY AND PRECISION IN FLAMESPECTROMETRIC METHODS OF ANALYSIS
APPLIED SPECTROSCOPY V21 N6 PP368-376 NOV/DEC 1967
BY PARSONS M L
WINEFORDNER J D
OAR ACCESS NO.....020431-006
DDC NUMBER.....AD665696
INSTR...AF-AFOSR-1033-67
PROJECT/TASK.....9710/03

AFOSR 68-0355
UNIVERSITY OF FLORIDA
ATOMIC FLUORESCENCE FLAME SPECTROMETRY
APPLIED SPECTROSCOPY REVIEWS V1 N1 PP1-27 1967
DAR ACCESS NO.....020431-007
BY WINEFORDNER J D — DOC NUMBER.....AD665609
MANSFIELD J M JR — INSTR...AF-AFOS 1033-67
PROJECT/TASK.....9710/03

AFOSR 68-0356
UNIVERSITY OF FLORIDA
USE OF SIGNAL-TO-NOISE RATIO THEORY TO EVALUATE PARAMETERS CHARACTERISTIC OF MULTIPLIER PHOTOTUBES
APPLIED SPECTROSCOPY V21 N6 PP421-423 NOV/DEC 1967
DAR ACCESS NO.....014920-008
BY CETORELLI J J — DOC NUMBER.....AD665611
WINEFORDNER J D — INSTR...AF-AFOSR-0739-66
PROJECT/TASK.....9710/03

AFOSR 68-0357
HARVARD UNIVERSITY
THE IDENTIFICATION OF PROSTAGLANDINS E TWO F TWO AND ALPHA TWO FROM RABBIT KIDNEY MEDULLA
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DAR ACCESS NO.....020960-002
BY LEE J B — DOC NUMBER.....AD663613
CROUSHAW K — INSTR...AF-AFOSR-1059-66
TARKAN B M — PROJECT/TASK.....9762/01
ATTREP K A
GOUGOUTAS J Z

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TEXAS A&M UNIVERSITY
POLARIZATION AND ASYMMETRY IN THE REACTION DEUTERON SCATTERING FROM HELIUM-THREE YIELDING A PROTON PLUS HELIUM-FOUR
PHYSICS LETTERS V28B N7 PP449-450 OCT 1967
DAR ACCESS NO.....017451-002
BY DEFACIO B — DOC NUMBER.....AD665995
UNERJEE R K — INSTR...AF-AFOSR-0918-67
GANNEL J L — PROJECT/TASK.....9751/02

AFOSR 68-0359
STANFORD RESEARCH INSTITUTE
LIQUID PHASE OXIDATIONS OF CYCLIC ALKENES II
JOURNAL ORGANIC CHEMISTRY V32 PP3680 1967
DAR ACCESS NO.....009460-006
BY VAN SICKEL D E — DOC NUMBER.....AD665614
MAYO F R — INSTR...AF-49(638)-01102
ARLUCK R M — PROJECT/TASK.....9762/01

AFOSR 68-0360
UNIVERSITY OF NEVADA
ABSORPTION SPECTRA OF SQUARE-PLANAR COMPLEXES OF ETHYLENEBISBIGUANIDE WITH NICKEL/II/ AND PALLADIUM/II/
INORGANIC CHEMISTRY V6 PP2269 1967
DAR ACCESS NO.....020050-002
BY MACDONALD D J — DOC NUMBER.....AD665612
INSTR...AF-AFOSR-0994-66
PROJECT/TASK.....9710/02

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NORTHWESTERN UNIVERSITY
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IEEE TRANSACTIONS ON SYSTEMS SCIENCE AND CYBERNETICS SSC-3 N2 NOV 1967
DAR ACCESS NO.....011791-015
BY LIN Y F — DOC NUMBER.....AD665622
YAU S S — INSTR...AF-AFOSR-0098-65
PROJECT/TASK.....9749/01

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UNIVERSITY OF MICHIGAN
SUBJECTIVE PROBABILITIES INFERRED FROM ESTIMATES AND BETS
JOURNAL OF EXPERIMENTAL PSYCHOLOGY V75 N3 PP354-359 1967
DAR ACCESS NO.....022070-004
BY BEACH L R — DOC NUMBER.....AD665623
PHILLIPS L D — INSTR...AF-49(638)-01731
PROJECT/TASK.....9778/01

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UNIVERSITY OF SOUTHERN CALIFORNIA
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SIAM J APPL MATH V15 N6 PP1385-1389 NOV 1967
DAR ACCESS NO.....021751-002
BY RUCY R S — DOC NUMBER.....AD665617
INSTR...AF-AFOSR-1244-67
PROJECT/TASK.....9749/01

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PURDUE UNIVERSITY
HIGH-STABILITY PHOTOMETER UTILIZING OPTICAL FEEDBACK
ANALYTICAL CHEMISTRY V39 N8 PP901-907 JULY 1967
DAR ACCESS NO.....022890-001
BY PARDUE H L — DOC NUMBER.....AD665651
RODRIGUEZ P A — INSTR...AF-AFOSR-1212-67
PROJECT/TASK.....9710/03

AFOSR 68-0365
INSTITUTE FOR FORMAL STUDIES
TRANSFORMATIONAL GRAMMARS AGAIN
DAR ACCESS NO.....025430-001
BY WILKS Y — DOC NUMBER.....AD681849
INSTR...F44620-67-C-0046
PROJECT/TASK.....9769/05

AFOSR 68-0366
PURDUE UNIVERSITY
KINETICS OF OSMIUM-CATALYZED REACTION BETWEEN CERIUM/IV/ AND ARSENIC/III/ IN SULFURIC ACID MEDIUM
ANALYTICAL CHEMISTRY V39 N8 PP980-985 JULY 1967
DAR ACCESS NO.....022890-003
BY HABIG P L — DOC NUMBER.....AD665653
PARDUE H L — INSTR...AF-AFOSR-1212-67
WORTHINGTON J B — PROJECT/TASK.....9710/03

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UNIVERSITY OF CHICAGO
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JOURNAL PHYSICAL CHEMISTRY V71 N13 PP4000-4004 DEC 1967
DAR ACCESS NO.....000331-003
BY GEARCROFT D J — DOC NUMBER.....AD665655
NACHTRIEB N H — INSTR...AF-AFOSR-0970-66
PROJECT/TASK.....9710/03

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COLUMBIA UNIVERSITY
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DAR ACCESS NO.....021001-003
BY FREED J H — DOC NUMBER.....AD665656
FRAENKEL G K — INSTR...AF-AFOSR-0765-65
PROJECT/TASK.....9753/01

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ASSOC POUR L ETUDE ET
ON PRODUCTS OF FINITE DIMENSIONAL STOCHASTIC MATRICES
PROC AM MATH SEC V18 N5 PP850-853 OCT 1967
DAR ACCESS NO.....021450-002
BY SCHUTZENBERGER M P — DOC NUMBER.....AD665661
INSTR...AF-61(052)-00969
PROJECT/TASK.....9783/01

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UNIVERSITY OF SOUTHERN CALIFORNIA
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USCEE REPORT 174 MAY 1966
DAR ACCESS NO.....021210-004
BY MEISEL W S — DOC NUMBER.....AD665866
INSTR...AF-AFOSR-1018-66
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MARTIN C O
EFFECT OF VACUUM ENVIRONMENT ON THE BEHAVIOR OF MATERIALS
NCR-67-423 DEC 1967
DAR ACCESS NO.....007601-001
BY SHEN M K — DOC NUMBER.....AD665868
KRAMER I R — INSTR...AF-49(638)-01455
PROJECT/TASK.....9712/01

AFOSR 68-0372
RENSSELAER POLYTECHNIC INSTITUTE
HIERARCHY METHODS FOR RANDOM VIBRATIONS OF ELASTIC STRINGS AND BEAMS
THE JOURNAL OF ENGINEERING MATHEMATICS V1 N4 PP289-305 1967
DAR ACCESS NO.....001283-003
BY HAINES C W — DOC NUMBER.....AD665652
INSTR...AF-AFOSR-0182-66
PROJECT/TASK.....9749/01

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UNIVERSITY OF MARYLAND
ON THE CONVERGENCE OF SEQUENCES OF RATIONAL FUNCTIONS
SIAM J NUMER ANAL V4 N2 PP211-221 1967
DAR ACCESS NO.....021710-001
BY WALSH J L — DOC NUMBER.....AD665657
INSTR...AF-AFOSR-1130-66
PROJECT/TASK.....9749/02

AFOSR 68-0374
UNIVERSITY OF MARYLAND
MEAN APPROXIMATION ON AN INTERVAL FOR AN EXPONENT LESS THAN ONE
TRANSACTIONS OF THE AMERICAN MATHEMATICAL SOCIETY V122 PP443-460 1966
DAR ACCESS NO.....021730-007
BY WOLFEIN F S — DOC NUMBER.....AD665636
WALSH J L — INSTR...AF-AFOSR-1130-66
PROJECT/TASK.....9749/02

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UNIVERSITY OF MARYLAND
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OAR ACCESS NO.....021730-003
BY WALSH J L
DDC NUMBER.....AD665640
INSTR...AF-AFOSR-1130-66
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MASSACHUSETTS INSTITUTE OF TECHNOLOGY
ON THE STEADY MOTIONS PRODUCED BY A STABLE STRATIFICATION IN A RAPIDLY ROTATING FLUID
JOURNAL OF FLUID MECHANICS V29 N4 PP673-690 1967
OAR ACCESS NO.....003702-006
BY BARCILON V
PEDLOSKY J
DDC NUMBER.....AD665997
INSTR...AF-AFOSR-0492-66
PROJECT/TASK.....9749/01

AFOSR 68-0377
UNIVERSITY OF MARYLAND
APPROXIMATION BY POLYNOMIALS UNIFORM CONVERGENCE AS IMPLIED BY MEAN CONVERGENCE II
PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES U S A V55 N6 PP1405-1407 JUNE 1966
OAR ACCESS NO.....021730-004
BY WALSH J L
DDC NUMBER.....AD665637
INSTR...AF-AFOSR-1130-66
PROJECT/TASK.....9749/02

AFOSR 68-0378
UNIVERSITY OF MARYLAND
APPROXIMATION BY POLYNOMIALS UNIFORM CONVERGENCE AS IMPLIED BY MEAN CONVERGENCE III
PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES U S A V56 N5 PP1406-1408 NOVEMBER 1966
OAR ACCESS NO.....021730-005
BY WALSH J L
DDC NUMBER.....AD665638
INSTR...AF-AFOSR-1130-66
PROJECT/TASK.....9749/02

AFOSR 68-0379
UNIVERSITY OF MARYLAND
HYPERBOLIC CAPACITY AND INTERPOLATING RATIONAL FUNCTIONS II
DUKE MATHEMATICAL JOURNAL V33 N2 PP275-280 JUNE 1966
OAR ACCESS NO.....021730-006
BY WALSH J L
RUSSELL H G
DDC NUMBER.....AD665633
INSTR...AF-AFOSR-1130-66
PROJECT/TASK.....9749/02

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UNIVERSITY OF TEXAS AT AUSTIN
ASYMPTOTICALLY OPTIMAL DISCRIMINANT FUNCTIONS FOR PATTERN RECOGNITION
JSEP TECHNICAL REPORT NO 45 FEB 1966
OAR ACCESS NO.....015242-046
BY WOLVERTON C T
WAGNER T J
DDC NUMBER.....AD666900
INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....6751/00

AFOSR 68-0382
UNIVERSITY OF TEXAS AT AUSTIN
AEROELASTIC STABILITY CHARACTERISTICS OF CYLINDRICAL SHELLS CONSIDERING IMPERFECTIONS AND EDGE CONSTRAINT
OAR ACCESS NO.....021141-001
BY STEARMAN R O
BARR G W
DDC NUMBER.....AD668074
INSTR...AF-AFOSR-1238-67
PROJECT/TASK.....9782/01

AFOSR 68-0383
STANFORD UNIVERSITY
AN EXPERIMENTAL STUDY OF TURBULENCE PRODUCTION NEAR A SMOOTH WALL IN A TURBULENT BOUNDARY LAYER WITH ZERO PRESSURE-GRADIENT
OAR ACCESS NO.....001462-013
BY KIM H T
KLINE S J
REYNOLDS W C
DDC NUMBER.....AD669823
INSTR...AF-49/638/01278
PROJECT/TASK.....9781/02

AFOSR 68-0384
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
A VARIATIONAL PRINCIPLE AND THE CONVERGENCE OF A FINITE-ELEMENT METHOD BASED ON ASSUMED STRESS DISTRIBUTION
ASRL TR 144-1
OAR ACCESS NO.....008085-001
BY TONG P
PIAN T H H
DDC NUMBER.....AD667813
INSTR...F44620-67-C-0019
PROJECT/TASK.....9782/01

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COLUMBIA UNIVERSITY
MEASUREMENT OF G VALUES IN THE ELECTRON SPIN RESONANCE SPECTRA OF FREE RADICALS
JOURNAL CHEMICAL PHYSICS V43 N12 PP4191-4200 15 DEC 1965
OAR ACCESS NO.....003881-005
BY SEGAL B G
KAPLAN M
FRAENKEL G K
DDC NUMBER.....AD666002
INSTR...AF-AFOSR-0285-63
PROJECT/TASK.....9710/03

AFOSR 68-0386
COLUMBIA UNIVERSITY
TEMPERATURE DEPENDENCE OF THE HYPERFINE SPLITTING OF THE METHYL RADICAL
JOURNAL CHEMICAL PHYSICS V42 N9 PP3339-3340 1 MAY 1965
OAR ACCESS NO.....003881-006
BY ELOCHOWER I A
MILLER W R JR
FRAENKEL G K
DDC NUMBER.....AD665990
INSTR...AF-AFOSR-0285-63
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COLUMBIA UNIVERSITY
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JOURNAL CHEMICAL PHYSICS V41 N4 PP949-959 15 AUG 1964
OAR ACCESS NO.....003881-007
BY GENDELL J
FREED J H
FRAENKEL G K
DDC NUMBER.....AD665988
INSTR...AF-AFOSR-0285-63
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COLUMBIA UNIVERSITY
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OAR ACCESS NO.....003881-008
BY DAS M R
FRAENKEL G K
DDC NUMBER.....AD665992
INSTR...AF-AFOSR-0285-63
PROJECT/TASK.....9710/03

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OAR ACCESS NO.....003702-005
BY BARCILON V
PEDLOSKY J
DDC NUMBER.....AD665993
INSTR...AF-AFOSR-0492-66
PROJECT/TASK.....9749/01

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BUNKER-RAMO CORP
THE GEORGETOWN-IBM EXPERIMENT OF 1954' AN EVALUATION IN RETROSPECT
IN PAPERS IN LINGUISTICS IN HONOR OF LEON DOSTERT MOUTON AND CO PARIS FRANCE PP46-56 1966
OAR ACCESS NO.....010790-008
BY GARVIN P L
DDC NUMBER.....AD665999
INSTR...AF-49/638/01126
PROJECT/TASK.....9769/05

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UNIVERSITY OF CALIFORNIA
HEAT CAPACITY IN THE CRITICAL REGION OF XENON
PHYSICAL REVIEW LETTERS V19 N16 PP887-890 16 OCT 1967
OAR ACCESS NO.....002450-004
BY SCHMIDT H M
OPDYCKE J
GAY C F
DDC NUMBER.....AD665988
INSTR...AF-49/638/00284
PROJECT/TASK.....9760/03

AFOSR 68-0392
TEXAS TECHNOLOGICAL COLLEGE
ION RADICALS FROM ORGANIC SULFUR SELENIUM TELLURIUM AND PHOSPHORUS COMPOUNDS FINAL REPORT FEB 1968
OAR ACCESS NO.....019930-004
BY SHINE H J
DDC NUMBER.....AD666042
INSTR...AF-AFOSR-0975-66
PROJECT/TASK.....9762/03

AFOSR 68-0393
PURDUE UNIVERSITY
STUDY OF NUCLEAR STRUCTURE AND INTERACTIONS FINAL REPORT FEB 1968
OAR ACCESS NO.....001815-010
BY GARTENHAUS S
ROSEN S P
DDC NUMBER.....AD828312L
INSTR...AF-AFOSR-0274-66
PROJECT/TASK.....9751/01

AFOSR 68-0394
UNIVERSIDADE DE SAO PAULO
ROLE OF VARIOUS BRAIN STRUCTURES ON PHYSIOLOGICAL FUNCTIONS FINAL REPORT DEC 1967
OAR ACCESS NO.....007054-002
BY COVIAN M R
DDC NUMBER.....AD666048
INSTR...AF-AFOSR-0311-64
PROJECT/TASK.....9777/01

AFOSR 68-0395
CAMBRIDGE UNIVERSITY
PROPERTIES OF RESILIN AND ELASTOMERS IN INSECTS FINAL REPORT JAN 1968
OAR ACCESS NO.....018051-001
BY ...IS-POOH T
DDC NUMBER.....AD666088
INSTR...F61052-67-C-0012
PROJECT/TASK.....9777/01

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JOURNAL PHYSICAL CHEMISTRY V71 N13 PP4570-4572 DEC 1967
OAR ACCESS NO.....003882-002
BY REYMOND A
FRAENKEL G K
DDC NUMBER.....AD665937
INSTR...AF-AFOSR-0285-65
PROJECT/TASK.....9710/03

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COLUMBIA UNIVERSITY
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JOURNAL CHEMICAL PHYSICS V47 N6 PP2149-2165 15 SEPT 1967
OAR ACCESS NO.....003882-003
BY LAWLER R G
BOLTON J R
KARPLUS M
FRAENKEL G K
DDC NUMBER.....AD665938
INSTR...AF-AFOSR-0285-65
PROJECT/TASK.....9710/03

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COLUMBIA UNIVERSITY
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OAR ACCESS NO.....003882-004
BY KARPLUS M
LAWLER R G
FRAENKEL G K
DDC NUMBER.....AD665939
INSTR...AF-AFOSR-0285-65
PROJECT/TASK.....9710/03

AFOSR 68-0399
COLUMBIA UNIVERSITY
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OAR ACCESS NO.....003882-005
BY HOWARTH O W
FRAENKEL G K
DDC NUMBER.....AD665940
INSTR...AF-AFOSR-0285-65
PROJECT/TASK.....9710/03

AFOSR 68-0401
UNIVERSITY OF SOUTHERN CALIFORNIA
CHARGE DENSITY OF DIAMOND
PHYS REV V164 N3 PP1100-1105 15 DEC 1967
OAR ACCESS NO.....021270-005
BY KLEINMAN L
GORDFF I
DDC NUMBER.....AD665946
INSTR...AF-AFOSR-1115-66
PROJECT/TASK.....9763/02

AFOSR 68-0402
PENNSYLVANIA STATE UNIVERSITY
THE EFFECT OF DIFFERENT SURFACE BARRIER MODELS ON THE NOTTINGHAM ENERGY EXCHANGE PROCESS
SURFACE SCIENCE V8 N3 PP288-308 SEPTEMBER/OCTOBER 1967
OAR ACCESS NO.....009252-002
BY ENGLE I
CUTLER P H
DDC NUMBER.....AD665944
INSTR...AF-AFOSR-0213-66
PROJECT/TASK.....9761/01

AFOSR 68-0403
PENNSYLVANIA STATE UNIVERSITY
SLOW ELECTRON SCATTERING FROM ONE-DIMENSIONAL CRYSTAL MODELS
SURFACE SCIENCE V9 N2 PP198-216 FEBRUARY 1968
OAR ACCESS NO.....009252-003
BY GERSTNER J
CUTLER P H
DDC NUMBER.....AD665943
INSTR...AF-AFOSR-0213-66
PROJECT/TASK.....9761/01

AFOSR 68-0404
OHIO UNIVERSITY
CORRECTION TO THE KUBO FORMULA
PHYSICA V35 PP193-210 1967
OAR ACCESS NO.....016850-009
BY MAGAN J M
DDC NUMBER.....AD665936
INSTR...AF-AFOSR-0854-65
PROJECT/TASK.....9761/01

AFOSR 68-0405
UNIVERSITY OF FLORIDA
MEASUREMENT OF FLOW RATE AND PRESSURE OF GASES IN FLAME SPECTROMETRY
ANALYTICAL CHIMICA ACTA V40 PP357-359 1968
OAR ACCESS NO.....020431-008
BY MANSFIELD J M
WINEFORDNER J D
DDC NUMBER.....AD665931
INSTR...AF-AFOSR-1033-67
PROJECT/TASK.....9710/03

AFOSR 68-0407
UNIVERSITY OF MIAMI
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JOURNAL ORGANIC CHEMISTRY V32 PP4152-4155 DEC 1967
OAR ACCESS NO.....012876-006
BY LILLIEN I
DDC NUMBER.....AD665947
INSTR...AF-AFOSR-0123-63
PROJECT/TASK.....9762/02

AFOSR 68-0409
UNIVERSITY OF GEORGIA
ELECTRON SPIN RESONANCE OF HEXAFLUOROACETONE KETYL
JOURNAL PHYSICAL CHEMISTRY V71 N13 P4677 DEC 1967
OAR ACCESS NO.....021690-002
BY JANZEN E G
GERLOCK J L
DDC NUMBER.....AD665950
INSTR...AF-AFOSR-1069-66
PROJECT/TASK.....9762/03

AFOSR 68-0410
UNIVERSITY OF MARYLAND
AN EXTENSION OF THE GENERALIZED BERNSTEIN LEMMA
COLLOQUIUM MATHEMATICUM V16 PP91-92 1967
OAR ACCESS NO.....021730-007
BY WALSH J L
DDC NUMBER.....AD665933
INSTR...AF-AFOSR-1130-66
PROJECT/TASK.....9749/02

AFOSR 68-0411
UNIVERSITY OF CALIFORNIA
SOME REMARKS ON CONTINUOUS ADDITIVE FUNCTIONALS
ANNALS OF MATHEMATICAL STATISTICS V38 N6 PP1655-1660 1967
OAR ACCESS NO.....027420-001
BY GETOOR R K
DDC NUMBER.....AD665984
INSTR...AF-AFOSR-1261-67
PROJECT/TASK.....9749/02

AFOSR 68-0413
BATTELLE MEMORIAL INSTITUTE
PEIERLS BARRIER CALCULATION
JOURNAL OF APPLIED PHYSICS V38 N13 PP5423-5424 DECEMBER 1967
OAR ACCESS NO.....016360-002
BY HOBART H M
DDC NUMBER.....AD665988
INSTR...AF-AFOSR-0831-65
PROJECT/TASK.....9761/01

AFOSR 68-0414
BATTELLE MEMORIAL INSTITUTE
KINEMATIC EFFECTS IN SPIN-1/2 ANTIFERROMAGNETISM
THE PHYSICAL REVIEW V159 N2 PP430-438 JULY 1967
OAR ACCESS NO.....016600-003
BY KENAN R P
DDC NUMBER.....AD665949
INSTR...AF-AFOSR-0808-65
PROJECT/TASK.....9761/01

AFOSR 68-0415
UNIVERSIDADE DE SAO PAULO
STUDIES ON THE NEUROVEGETATIVE AND BEHAVIORAL FUNCTIONS OF THE BRAIN SEPTAL AREA
PROGRESS IN BRAIN RESEARCH ELSEVIER PUBLISHING COMPANY AMSTERDAM NETHERLANDS V27 PP189-217 1967
OAR ACCESS NO.....007054-003
BY COVIAN M R
DDC NUMBER.....AD665929
INSTR...AF-AFOSR-0311-64
PROJECT/TASK.....9777/01

AFOSR 68-0416
UNIVERSIDADE DE SAO PAULO
ALTERATIONS IN SODIUM CHLORIDE AND WATER INTAKE AFTER SEPTAL LESIONS IN THE RAT
PHYSIOLOGY AND BEHAVIOR V2 PP167-170 1967
OAR ACCESS NO.....007054-004
BY VILAN A N
GENTIL C G
COVIAN M R
DDC NUMBER.....AD665985
INSTR...AF-AFOSR-0311-64
PROJECT/TASK.....9777/01

AFOSR 68-0419
STANFORD UNIVERSITY
SUBSONIC OSCILLATORY OR STEADY AIRLOADS ON WINGS WITH CONTROL SURFACES AND OTHER DISCONTINUITIES
SUDAAR NO 338
OAR ACCESS NO.....023200-001
BY ASHLEY H
DDC NUMBER.....AD669373
INSTR...F44620-67-C-0044
PROJECT/TASK.....9781/02

AFOSR 68-0420
TEXAS TECHNOLOGICAL COLLEGE
ION RADICALS XIII SPECTROSCOPIC AND CRYOSCOPIC CHARACTERIZATION OF IONS AND ION RADICALS FROM PHENOTHIAZINE AND N-METHYLPHENOTHIAZINE IN
JOURNAL HETEROCYCLIC CHEMISTRY V4 PP517-522 1967
OAR ACCESS NO.....019930-005
BY SHINE H J
THOMPSON D R
VENEZIANI C
DDC NUMBER.....AD666252
INSTR...AF-AFOSR-0975-66
PROJECT/TASK.....9762/03

AFOSR 68-0421
UNIVERSITY OF CHICAGO
COMMENTS ON THE EQUATION OF STATE OF THE SQUARE-WELL FLUID
THE JOURNAL CHEMICAL PHYSICS V47 N10 PP4228-4235
15 NOV 1967
OAR ACCESS NO.....015061-017
BY YOUNG D A
RICE S A
DDC NUMBER.....AD666175
INSTR...AF-AFOSR-0781-67
PROJECT/TASK.....9760/01

AFOSR 68-0422
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
MAGNETIC MOMENT OF ZIRCONIUM ZINC INTERMETALLIC COMPOUND
UP TO 190 KILOGAUSS IS PURE ZIRCONIUM ZINC INTERMETALLIC
COMPOUND FERROMAGNETIC
PHYSICAL REVIEW LETTERS V19 N21 20 NOVEMBER 1967
OAR ACCESS NO.....007912-041
BY FONER S
MCNIFF E J JR
SADAGOPAN V
DDC NUMBER.....AD666262
INSTR...F44620-67-C-0047
PROJECT/TASK.....9764/01

AFOSR 68-0423
UNIVERSITY OF CALIFORNIA
ULTRASONIC ATTENUATION IN A PURE TYPE II SUPERCONDUCTOR
NEAR THE UPPER CRITICAL FIELD
PHYSICAL REVIEW LETTERS V18 N3 PP74-76 16 JANUARY 1967
OAR ACCESS NO.....022140-001
BY KAGIWADA R
LEVY M
RUDNICK I
KAGIWADA H
MAKI K
DDC NUMBER.....AD666253
INSTR...AF-AFOSR-1184-66
PROJECT/TASK.....9763/03

AFOSR 68-0424
UNIVERSITY OF VIRGINIA
EFFECT OF RESONANCE SCATTERING AND IMPURITY CORRELATIONS
ON THE THERMODYNAMIC AND TRANSPORT PROPERTIES OF SUPER
-CONDUCTING ALLOYS
THE PHYSICAL REVIEW V164 N2 PP548-557 10 DECEMBER 1967
OAR ACCESS NO.....022120-005
BY KIWI M
MARTIN J
ZUCKERMANN
DDC NUMBER.....AD666263
INSTR...AF-AFOSR-1138-66
PROJECT/TASK.....9763/02

AFOSR 68-0425
UNIVERSITY OF CALIFORNIA
FORMATION OF LOCAL MAGNETIC MOMENTS IN METALS
PHYSICAL REVIEW LETTERS V19 N8 PP442-446 21 AUGUST 1967
OAR ACCESS NO.....008461-043
BY SUHL H
DDC NUMBER.....AD666246
INSTR...AF-AFOSR-0610-64
PROJECT/TASK.....9761/01

AFOSR 68-0426
UNIVERSITY OF MARYLAND
GRAVITATIONAL RADIATION
PHYSICAL REVIEW LETTERS V18 N13 PP498-501 27 MAR 67
OAR ACCESS NO.....007183-004
BY WEBER J
DDC NUMBER.....AD666250
INSTR...AF-AFOSR-0409-65
PROJECT/TASK.....9767/[illegible]

AFOSR 68-0427
SYRACUSE UNIVERSITY
ON THE RELATION BETWEEN HAUSDORFF DIMENSION AND METRIC
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PACIFIC JOURNAL OF MATHEMATICS V23 N1 PP183-187 1967
OAR ACCESS NO.....003503-008
BY VOSBURG A C
DDC NUMBER.....AD666256
INSTR...AF-49(638)-01401
PROJECT/TASK.....9769/01

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HARVARD UNIVERSITY
SUM RULES KRAMERS-KRONIG RELATIONS AND TRANSPORT
COEFFICIENTS IN CHANGED SYSTEMS
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OAR ACCESS NO.....004861-052
BY MARTIN P C
DDC NUMBER.....AD666259
INSTR...AF-49(638)-01380
PROJECT/TASK.....9751/01

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UNIVERSITY OF CALIFORNIA
GAUGE-FIELD ALGEBRA SOFT-MESON METHODS AND DIVERGENCES
PHYS REVIEW LETTERS V19 N10 PP611-614 4 SEP 1967
OAR ACCESS NO.....005134-023
BY HALPERN M B
SEGRE G
DDC NUMBER.....AD666244
INSTR...AF-AFOSR-0232-66
PROJECT/TASK.....9767/04

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UNIVERSITY OF CHICAGO
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OAR ACCESS NO.....015061-018
BY RICE S A
DDC NUMBER.....AD666174
INSTR...AF-AFOSR-0781-67
PROJECT/TASK.....9760/01

AFOSR 68-0431
AMERICAN SCIENCE AND ENGINEERING INC
X-RAY EMISSION FROM CEN XR-2
PHYS REV LETTERS V19 N19 PP1144-1145 6 NOVEMBER 1967
OAR ACCESS NO.....027430-001
BY MANLEY O P
DDC NUMBER.....AD666343
INSTR...F44620-67-C-0065
PROJECT/TASK.....9761/04

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UNIVERSITY OF CALIFORNIA
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EXCHANGE IN PHENYLFERROCENE
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OAR ACCESS NO.....014381-003
BY MANGRAVITE J A
TRAYLOR T G
DDC NUMBER.....AD666170
INSTR...AF-AFOSR-0514-66
PROJECT/TASK.....9762/02

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UNIVERSITY OF CALIFORNIA
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THE INSIDE-OUTSIDE RELATIONSHIP
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OAR ACCESS NO.....014381-004
BY MANGRAVITE J
TRAYLOR T G
DDC NUMBER.....AD666169
INSTR...AF-AFOSR-0514-66
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UNIVERSITY OF CALIFORNIA
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IN AN ENDENE SYSTEM
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OAR ACCESS NO.....011701-006
BY ALMY J
UYEDA R T
CHAN D J
DDC NUMBER.....AD665092
INSTR...AF-AFOSR-0124-65
PROJECT/TASK.....9762/02

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UNIVERSITY OF IDAHO
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WITH SODIUM
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OAR ACCESS NO.....012091-003
BY FREEMAN P K
RAO V N P
GEORGE D E
FENWICK G L
DDC NUMBER.....AD666240
INSTR...AF-AFOSR-0036-65
PROJECT/TASK.....9762/02

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OAR ACCESS NO.....014381-005
BY KIEFER H
TRAYLOR T G
DDC NUMBER.....AD666249
INSTR...AF-AFOSR-0514-66
PROJECT/TASK.....9762/02

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COLUMBIA UNIVERSITY
DIFFUSION OF ABSTRACTING AND INDEXING SERVICES FOR
GOVERNMENT-SPONSORED RESEARCH SCHECHOW PRESS INC METUCHEN
N J 196A FINAL REPORT MAR 1968
OAR ACCESS NO.....021820-001
BY KLEMPNER I M
DDC NUMBER.....AD666091
INSTR...AF-49(638)-01781
PROJECT/TASK.....9769/01

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STANFORD UNIVERSITY
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CONDITIONS FOR THE DOUBLE SPECTRAL FUNCTIONS
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OAR ACCESS NO.....001793-109
BY MARTIN A W
DDC NUMBER.....AD666159
INSTR...AF-49(638)-01389
PROJECT/TASK.....9751/01

AFOSR 68-0439
STANFORD UNIVERSITY
LOW-ENERGY THEOREM FOR PION PHOTOPRODUCTION FROM THE HYPOTHESIS OF PARTIALLY CONSERVED AXIAL-VECTOR CURRENT
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BY GAFFNEY G W
OAR ACCESS NO.....001793-110
DDC NUMBER.....AD666160
INSTR...AF-49/638/01389
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BY FETTER A L
OAR ACCESS NO.....001793-111
DDC NUMBER.....AD666162
INSTR...AF-49/638/01389
PROJECT/TASK.....9751/01

AFOSR 68-0441
STANFORD UNIVERSITY
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BY WALECKA J D
OAR ACCESS NO.....001793-112
DDC NUMBER.....AD666164
INSTR...AF-49/638/01389
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STANFORD UNIVERSITY
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BY MARTIN A W
OAR ACCESS NO.....001793-113
DDC NUMBER.....AD666165
INSTR...AF-49/638/01389
PROJECT/TASK.....9751/01

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JOHNS HOPKINS UNIVERSITY
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BY HARTMAN P
OAR ACCESS NO.....002403-010
DDC NUMBER.....AD666261
INSTR...AF-49/638/01382
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BY SCHIFFER M
GARABEDIAN P R
OAR ACCESS NO.....019230-007
DDC NUMBER.....AD666089
INSTR...AF-49/638/01345
PROJECT/TASK.....9749/02

AFOSR 68-0447
YESHIVA UNIVERSITY
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BY KOMAR A
OAR ACCESS NO.....017091-001
DDC NUMBER.....AD666235
INSTR...AF-AFOSR-0816-67
PROJECT/TASK.....9767/04

AFOSR 68-0448
SYSTEM RESEARCH LTD
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BY PASK G
LEWIS B
OAR ACCESS NO.....012690-012
DDC NUMBER.....AD666344
INSTR...AF-61/052/00840
PROJECT/TASK.....9769/04

AFOSR 68-0449
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COMPUTER SCIENCE RESEARCH REVIEW
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BY NEWELL A
STANDISH T
FLOYD R
WATT W C
PERLIS A
OAR ACCESS NO.....022900-[illegible]
DDC NUMBER.....AD666074
INSTR...SD -146
PROJECT/TASK.....9718/00

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HARVARD UNIVERSITY
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BY GLAUBER R J
OAR ACCESS NO.....000861-053
DDC NUMBER.....AD666258
INSTR...AF-49/638/01380
PROJECT/TASK.....9751/01

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UNIVERSITY OF OREGON
MAGNETO-OPTICAL AND RELATED STUDIES IN SIMPLE OXIDE CRYSTALS FINAL REPORT MARCH 1968
BY KEMP J C
OAR ACCESS NO.....010178-003
DDC NUMBER.....AD667217
INSTR...AF-AFOSR-0577-66
PROJECT/TASK.....9763/02

AFOSR 68-0452
OHIO STATE UNIV RESEARCH FOUNDATION
FORMATION OF MOVING AND STATIONARY DETONATION WAVES IN FLOWING COMBUSTIBLE MIXTURES
REPORT - TECHNICAL 1 AF PROJECT 2193
BY EDSE R
OAR ACCESS NO.....012623-001
DDC NUMBER.....AD830080
INSTR...AF-AFOSR-0203-67
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AFOSR 68-0453
STANFORD UNIVERSITY
ALGEBRA AUTOMATA I PARALLEL PROGRAMMING AS A PROLEGOMENA TO THE CATEGORICAL APPROACH
BY ARBIB M A
GIVEON Y
OAR ACCESS NO.....022990-003
DDC NUMBER.....AD666677
INSTR...AF-AFOSR-1198-67
PROJECT/TASK.....9769/06

AFOSR 68-0454
STANFORD UNIVERSITY
ALGEBRA AUTOMATA II THE CATEGORICAL FRAMEWORK FOR DYNAMIC ANALYSIS
BY GIVE ON Y
ARBIB M A
OAR ACCESS NO.....022990-004
DDC NUMBER.....AD666837
INSTR...AF-AFOSR-1198-67
PROJECT/TASK.....9769/06

AFOSR 68-0455
UNIVERSITY OF SOUTHERN CALIFORNIA
ASYNCHRONOUS FINITE STATE MODELS OF MANUAL CONTROL SYSTEMS
2ND ANNUAL CONFERENCE ON MANUAL CONTROL CAMBRIDGE MASS 28 FEB-2 MARCH 1966 PP25-37 1966
BY BEKEY G A
ANGEL E S
OAR ACCESS NO.....021211-003
DDC NUMBER.....AD666340
INSTR...AF-AFOSR-1018-67
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AFOSR 68-0456
GENERAL ELECTRIC COMPANY
ATOMIC AND MOLECULAR KINETICS ON SOLID SURFACES
FINAL REPORT FEB 1968
BY EHRLICH G
OAR ACCESS NO.....019110-009
DDC NUMBER.....AD666287
INSTR...AF-49/638/01362
PROJECT/TASK.....9760/03

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UNIVERSITY OF MICHIGAN
THEORETICAL FRAMEWORKS FOR PATTERN RECOGNITION PROBLEMS
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BY TANNER W P JR
OAR ACCESS NO.....007044-001
DDC NUMBER.....AD666473
INSTR...AF-AFOSR-0367-66
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M A BIOT
EDGE BUCKLING OF A LAMINATED MEDIUM
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BY BIOT M A
OAR ACCESS NO.....001312-003
DDC NUMBER.....AD666308
INSTR...AF-49/638/01329
PROJECT/TASK.....9782/01

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HEBREW UNIVERSITY
EVIDENCE FOR RE-REFLECTED SHOCK WAVES FROM CONVERGENT CYLINDRICAL CHANNELS
PHYSICS OF FLUIDS V10 N8 PP1846-1847 AUG 1967
BY LOW W
SHTRICKER J
OAR ACCESS NO.....000861-007
DDC NUMBER.....AD666367
INSTR...AF-61/052/00846
PROJECT/TASK.....9783/02

AFOSR 68-0460
CORNELL UNIVERSITY
UNSTEADY MAGNETOHYDRODYNAMIC FLOW PAST THIN BODIES WITH INWARDLY DIFFUSING MAGNETIC FIELD
PHYSICS FLUIDS V10 N8 PP1756-1768 AUG 1967
BY FAN D N
OAR ACCESS NO.....001062-010
DDC NUMBER.....AD666362
INSTR...AF-49/638/01346
PROJECT/TASK.....9783/02

AFOSR 68-0461
UNIVERSITY OF MICHIGAN
GAS CHROMATOGRAPHIC SEPARATION OF CARBONYL FLUORIDE AND CARBON DIOXIDE
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OAR ACCESS NO.....019751-002
BY DRENNAN G A — DDC NUMBER.....AD666658
MATULA R A — INSTR...AF-AFOSR-1144-66
PROJECT/TASK.....9750/02

AFOSR 68-0462
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
A FINITE-DIFFERENCE SOLUTION OF SIMILAR NONEQUILIBRIUM BOUNDARY LAYERS
AIAA JOURNAL V5 N11 PP1949-1954 NOV 1967
OAR ACCESS NO.....001223-002
BY FAY J A — DDC NUMBER.....AD664451
KAYE H — INSTR...AF-49(638)01396
PROJECT/TASK.....9783/02

AFOSR 68-0464
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
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OAR ACCESS NO.....000975-003
BY MORAN J P — DDC NUMBER.....AD664618
WACHMAN H Y — INSTR...AF-49(638)01601
TRILLING L — PROJECT/TASK.....9783/01

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UNIVERSITY OF ILLINOIS
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OAR ACCESS NO.....000193-004
BY COLEMAN P D — DDC NUMBER.....AD669573
ROLDAN R — INSTR...AF-AFOSR-0272-65
PROJECT/TASK.....9767/02

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GENERAL APPLIED SCIENCE LABORATORIES INC
RESEARCH ON COMBUSTION PROCESSES AT HIGH SPEED AND AT LOW PRESSURES FINAL REPORT DEC 1967
OAR ACCESS NO.....008142-001
BY TAMAGNO J — DDC NUMBER.....AD832924
SLUTSKY S — INSTR...AF-49(638)01676
CHU B T — PROJECT/TASK.....9711/01

AFOSR 68-0468
UNIVERSITY OF CALIFORNIA
FORMULATION OF STATISTICAL EQUATION OF MOTION OF BLOOD
OAR ACCESS NO.....001374-010
BY LEW H S — DDC NUMBER.....AD671586
INSTR...AF-AFOSR-1186-67
PROJECT/TASK.....9782/01

AFOSR 68-0469
UNIVERSITY OF CALIFORNIA
AXISYMMETRIC DYNAMIC SNAP-THROUGH OF ELASTIC CLAMPED SHALLOW SPHERICAL SHELLS
NO 7 FEB 1968
OAR ACCESS NO.....022780-007
BY HUANG N C — DDC NUMBER.....AD667191
INSTR...AF-AFOSR-1226-67
PROJECT/TASK.....9782/01

AFOSR 68-0470
UNIVERSITY OF DELAWARE
COMBUSTION CHARACTERISTICS OF CRYSTALLINE OXIDIZERS
AFCOMB 11-2
OAR ACCESS NO.....017811-001
BY BEACHELL H C — DDC NUMBER.....AD830977
HACKMAN F E — INSTR...AF-AFOSR-0922-67
KIM Y C — PROJECT/TASK.....9713/01

AFOSR 68-0471
STANFORD UNIVERSITY
CALCULATION OF THE LOAD CARRYING CAPACITY OF INITIALLY SLIGHTLY IMPERFECT THIN WALLED CIRCULAR CYLINDRICAL SHELLS OF FINITE LENGTH
SUDAAR NO 329
OAR ACCESS NO.....001403-025
BY NAHASIMHAN K Y — DDC NUMBER.....AD668450
HOFF N J — INSTR...AF-49(638)01276
PROJECT/TASK.....9782/01

AFOSR 68-0472
DARTMOUTH COLLEGE
VORTEX WINGS AND THE PLATE JET
AIAA AEROSPACE SCIENCES MEETING 6TH NY 22-24 JAN 1968
OAR ACCESS NO.....021960-002
BY MCCORMACK P D — DDC NUMBER.....AD666366
INSTR...AF-AFOSR-1101-66
PROJECT/TASK.....9713/01

AFOSR 68-0473
CORNELL UNIVERSITY
AN EXPERIMENTAL STUDY OF THE DEVELOPMENT OF CONSENSUS
OAR ACCESS NO.....024730-001
BY WILLIAMS R M JR — DDC NUMBER.....AD667220
SAMPSON S F — INSTR...AF-AFOSR-1239-67
PROJECT/TASK.....9778/02

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ISTITUTO ELETTROTECNICO NAZIONALE
ON THE CRYSTAL DEFECTS THAT CAUSE AC ELECTROLUMINESCENCE PART 0 FINAL REPORT OCT 1967
OAR ACCESS NO.....002783-005
BY BONFIGLIOLI G — DDC NUMBER.....AD666465
BROVETTO P — INSTR...AF-EOAR -0027-66
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AFOSR 68-0476
POLYTECHNIC INSTITUTE OF BROOKLYN
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JOURNAL FRANKLIN INSTITUTE V285 N5 PP320-328 NOV 1967
OAR ACCESS NO.....001330-002
BY FRENCH F W — DDC NUMBER.....AD666334
PATEL S A — INSTR...AF-49(638)00302
VENKATRAMAN B — PROJECT/TASK.....9782/00

AFOSR 68-0478
NORTHWESTERN UNIVERSITY
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BY HERRMANN G — DDC NUMBER.....AD666318
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AFOSR 68-0479
EDSEL B FORD INSTITUTE FOR MEDICAL RESEARCH
DYNAMICS OF RETICULAR AND LIMBIC POST STIMULUS DISCHARGE
OAR ACCESS NO.....020790-002
BY PROCTOR L D — DDC NUMBER.....AD666461
INSTR...AF-AFOSR-1037-66
PROJECT/TASK.....9777/01

AFOSR 68-0480
MOBIL OIL CORP
DENSITY CONTOURS AND DENSITY FLUCTUATION MEASUREMENTS OF AN ENERGETIC HELIUM ARC
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OAR ACCESS NO.....010261-002
BY HICKOK R L — DDC NUMBER.....AD667578
JONES F C — INSTR...F44620-67-C-0043
MARSHALL J F — PROJECT/TASK.....9752/01

AFOSR 68-0482
UNIVERSITY OF CALIFORNIA
THE CRYSTAL AND MOLECULAR STRUCTURE OF 1-METHYLAMINO-7-METHYLIMINO-1,3,5-CYCLOHEPTATRIENE
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OAR ACCESS NO.....005601-003
BY GOLDSTEIN P — DDC NUMBER.....AD666332
TRUEBLOOD K N — INSTR...AF-AFOSR-0240-63
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UNIVERSITY OF CALIFORNIA
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OAR ACCESS NO.....005601-004
BY BEKOE D A — DDC NUMBER.....AD666337
GANTZEL P K — INSTR...AF-AFOSR-0240-63
TRUEBLOOD K N — PROJECT/TASK.....9762/01

AFOSR 68-0484
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J GEOPHYS RES V72 N21 PP5531-5536 1 NOVEMBER 1967
OAR ACCESS NO.....006934-003
BY BROWN R W — DDC NUMBER.....AD666331
WEIR R A — INSTR...AF-AFOSR-0331-65
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UNIVERSITY OF CALIFORNIA
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BY BROWN R R — DDC NUMBER.....AD666330
PARTHASARATHY R — INSTR...AF-AFOSR-0331-65
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OAR ACCESS NO.....016872-001
BY HAYNES R C
ELLIS D V
FISHMAN G J
KURFESS J D
TUCKER W H
DDC NUMBER.....AD666346
INSTR...F44620-67-C-0067
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OAR ACCESS NO.....009322-021
BY WALTER D O
RHODES J M
ADEY W R
DDC NUMBER.....AD665795
INSTR...AF-49/638/01387
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BY WOODMANSEE J J
COOK S W
DDC NUMBER.....AD666334
INSTR...AF-AFOSR-0436-53
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AFOSR 68-0489
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RESEARCH ON ENERGY ABSORBING STRUCTURES PART VI
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ARA REPORT NO 94
OAR ACCESS NO.....011101-003
BY MAZELSKY B
LIN T H
LIN S R
DDC NUMBER.....AD669836
INSTR...AF-49/638/01521
PROJECT/TASK.....9782/01

AFOSR 68-0490
CORNELL UNIVERSITY
AERODYNAMIC STUDY OF AN ARGON PLASMA
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OAR ACCESS NO.....001062-011
BY HENDERSON D B
DDC NUMBER.....AD666725
INSTR...AF-49/638/01346
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UNIVERSITY OF MINNESOTA
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OAR ACCESS NO.....022510-001
BY LUMRY R W
DDC NUMBER.....AD666933
INSTR...AF-AFOSR-1222-67
PROJECT/TASK.....9777/01

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FLORIDA STATE UNIVERSITY
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OAR ACCESS NO.....006723-001
BY HOMANN P H
DDC NUMBER.....AD666724
INSTR...AF-AFOSR-0662-65
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AFOSR 68-0493
FLORIDA STATE UNIVERSITY
RESEARCH IN PHOTOBIOLOGY AND PHOTOCHEMISTRY FINAL REPORT
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OAR ACCESS NO.....006723-003
BY GAFFRON H
DDC NUMBER.....AD666912
INSTR...AF-AFOSR-0662-65
PROJECT/TASK.....9777/01

AFOSR 68-0494
STANFORD RESEARCH INSTITUTE
THE ROLE AND CAREER DEVELOPMENT OF THE SCIENTIFIC AND
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OAR ACCESS NO.....008631-001
BY VOLLMER H M
PEDERSEN W C
DDC NUMBER.....AD668077
INSTR...AF-49/638/01471
PROJECT/TASK.....9778/02

AFOSR 68-0495
LEHIGH UNIVERSITY
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OAR ACCESS NO.....017180-002
BY BOROWITZ I J
BARNES M
DDC NUMBER.....AD666706
INSTR...AF-AFOSR-0938-65
PROJECT/TASK.....9762/02

AFOSR 68-0496
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OAR ACCESS NO.....006723-002
BY HOMANN P H
SCHMID G H
DDC NUMBER.....AD666714
INSTR...AF-AFOSR-0662-65
PROJECT/TASK.....9777/01

AFOSR 68-0497
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OAR ACCESS NO.....020870-002
BY DODD C G
WILBAND J T
MOSER R A
DDC NUMBER.....AD666708
INSTR...AF-49/638/01670
PROJECT/TASK.....9710/03

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BY MISLOW K
DDC NUMBER.....AD666809
INSTR...AF-AFOSR-1188-67
PROJECT/TASK.....9762/01

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OAR ACCESS NO.....018271-008
BY COLEMAN B D
NIZEL V J
DDC NUMBER.....AD666518
INSTR...AF-AFOSR-0728-66
PROJECT/TASK.....9749/01

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U S INDUSTRIAL CHEMICALS CO
REACTIONS CATALYZED BY PENTACYANOCOBALTATE /II/
OAR ACCESS NO.....013670-003
BY KWIATEK J
DDC NUMBER.....AD666516
INSTR...AF-49/638/01214
PROJECT/TASK.....9762/03

AFOSR 68-0504
RICE UNIVERSITY
BLUNT-NOSED MISSILE SHAPES OF MINIMUM BALLISTIC FACTOR
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OAR ACCESS NO.....016461-006
BY HEIDEMAN J C
DDC NUMBER.....AD666602
INSTR...AF-AFOSR-0828-67
PROJECT/TASK.....9749/01

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DUKE UNIVERSITY
THE STATISTICAL AND COMPUTATIONAL ANALYSIS OF A SIMPLE
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OAR ACCESS NO.....023050-001
BY WOODBURY M A
DDC NUMBER.....AD666932
INSTR...AF-AFOSR-1180-66
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UNIVERSITY OF MARYLAND
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TERTIARY PHOSPHINE DERIVATIVES OF GROUP VI METAL CARBONYLS
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OAR ACCESS NO.....015431-001
BY GRIM S O
WHEATLAND D A
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DDC NUMBER.....AD668846
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OAR ACCESS NO.....021170-0[illegible]
BY BOUGHTON R I
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DDC NUMBER.....AD666[illegible]
INSTR...AF-AFOSR-1051-66
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BY GAARDER N T
DDC NUMBER.....AD666860
INSTR...AF-AFOSR-1251-67
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BY NEWCOMB R W
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BY COLE W J
OWEOCHA C
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INSTR...AF-EOAR -0018-63
PROJECT/TASK.....9777/01

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BY KOFFMAN E B
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INSTR...AF-AFOSR-0125-67
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UNIVERSITY OF TEXAS AT AUSTIN
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OAR ACCESS NO.....021141-002
BY CWACH E E
STEARMAN R O
DOC NUMBER.....AD666550
INSTR...AF-AFOSR-1234-67
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STANFORD UNIVERSITY
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BY KACPRZYNSKI J J
DOC NUMBER.....AD668069
INSTR...F44620-67-C-0044
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OAR ACCESS NO.....006834-001
BY LILLY J C
MILLER A M
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OAR ACCESS NO.....008293-005
BY MASSEY H S W
DOC NUMBER.....AD666680
INSTR...AF-EOAR -0062-66
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OAR ACCESS NO.....018322-001
BY SELA M
DOC NUMBER.....AD666583
INSTR...AF-EOAR -0019-67
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OAR ACCESS NO.....000895-007
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OAR ACCESS NO.....018061-001
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INSTR...AF-EOAR -0028-67
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INSTR...F61052-67-C-0021
PROJECT/TASK.....9777/01

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GOTEBORGS UNIVERSITET
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OAR ACCESS NO.....007426-003
BY CARLSSON A
INSTR...AF-EOAR -0036-67
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OAR ACCESS NO.....013262-003
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DOC NUMBER.....AD666688
INSTR...AF-AFOSR-0107-66
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OAR ACCESS NO.....019840-003
BY ROBINSON J A
DOC NUMBER.....AD666686
INSTR...AF-AFOSR-1008-66
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STANFORD UNIVERSITY
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OAR ACCESS NO.....017901-003
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STANFORD UNIVERSITY
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OAR ACCESS NO.....000143-003
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DOC NUMBER.....AD669927
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OAR ACCESS NO.....018270-004
BY MURRAY M F
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INSTR...AF-EOAR -0018-64
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OAR ACCESS NO.....014980-006
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OAR ACCESS NO.....018322-005
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INSTR...AF-EOAR -0019-67
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BY STUPP Y
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BALL D J
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J ATMOSPHERIC TERREST PHYS V29 PP1611-1618 1967
BY BROWN R R
VEIR A A
OAR ACCESS NO.....006934-005
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INSTR...AF-AFOSR-0331-65
PROJECT/TASK.....9751/04

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BY CAROLI C
MAKI K
OAR ACCESS NO.....008462-002
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INSTR...AF-AFOSR-0610-67
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AFOSR 68-0541
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BY DEXTER D L
OAR ACCESS NO.....002784-001
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INSTR...AF-AFOSR-0611-67
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OAR ACCESS NO.....027700-003
DOC NUMBER.....AD667094
INSTR...F44620-67-C-0073
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INSTR...AF-AFOSR-0098-63
PROJECT/TASK.....9749/01

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UNIVERSITY OF CALIFORNIA
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BY BROGAN W L
OAR ACCESS NO.....016960-007
INSTR...AF-AFOSR-0699-65
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DESCRIPTION OF EASY ENGLISH
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BY CAUTIN H
RAPP F
OAR ACCESS NO.....011842-007
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INSTR...AF-49(638)01421
PROJECT/TASK.....9769/01

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INVESTIGATION OF PLASMA ROTATION IN A PULSED INDUCTIVE ACCELERATOR
AIAA AEROSPACE SCIENCE MEETING 6TH 22-24 JAN 1968 NEW YORK NEW YORK
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DOC NUMBER.....AD667099
INSTR...AF-49(638)01210
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UNIVERSITY OF ILLINOIS
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BY PFEIFER R J
HENDRICKS C D
OAR ACCESS NO.....013242-004
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INSTR...AF-AFOSR-0107-66
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BY SUSSMAN M B
BARON J R
OAR ACCESS NO.....001193-008
DOC NUMBER.....AD667098
INSTR...AF-49(638)01621
PROJECT/TASK.....9781/02

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BY CHIEN K Y
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DOC NUMBER.....AD667103
INSTR...AF-AFOSR-0098-63
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NUCLEAR INSTRUMENTS AND METHODS V57 PP355-356 DEC 1967
BY DULLER N M
SHELDON W R
OAR ACCESS NO.....023810-001
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OAR ACCESS NO.....023420-001
BY DULLER N M — DDC NUMBER.....AD667870
SHELTON W R — INSTR...AF-AFOSR-1318-67
PROJECT/TASK.....9751/04

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BROWN UNIVERSITY
A CLASS OF FUNCTIONAL EQUATIONS OF NEUTRAL TYPE
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OAR ACCESS NO.....019592-007
BY HALE J K — DDC NUMBER.....AD667090
MEYER K R — INSTR...AF-AFOSR-0893-66
PROJECT/TASK.....9769/01

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UNIVERSITY OF BIRMINGHAM
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OAR ACCESS NO.....013120-005
BY FRASER G W — DDC NUMBER.....AD668995
PEACOCK R D — INSTR...AF-EOAR -0096-63
WATKINS P M — PROJECT/TASK.....9710/02

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BY LEVER R F — DDC NUMBER.....AD667101
INSTR...AF-49(638)01201
PROJECT/TASK.....9761/02

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OAR ACCESS NO.....008283-001
BY PARKS S I — DDC NUMBER.....AD667062
MOULTON W G — INSTR...AF-AFOSR-0928-67
PROJECT/TASK.....9763/03

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CORNELL UNIVERSITY
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OAR ACCESS NO.....009071-002
BY SIEGEL B M — DDC NUMBER.....AD667050
MENADUE J F — INSTR...AF-AFOSR-0770-65
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BY GEORGE P K — DDC NUMBER.....AD667091
THOMPSON E D — INSTR...AF-AFOSR-0857-65
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AFOSR 68-0559
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OAR ACCESS NO.....007912-042
BY FONER S — DDC NUMBER.....AD667060
MCNIFF E J JR — INSTR...F44620-67-C-0047
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PROJECT/TASK.....9763/03

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UNIVERSITY OF MARYLAND
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BY NEE T W — DDC NUMBER.....AD667081
PRANGE R E — INSTR...AF-AFOSR-0738-65
PROJECT/TASK.....9761/01

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UNIVERSITY OF CALIFORNIA
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OAR ACCESS NO.....018831-007
BY LUO H L — DDC NUMBER.....AD667018
CREVELING L — INSTR...AF-AFOSR-0631-67
MAITA J P — PROJECT/TASK.....9763/03

AFOSR 68-0563
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
FINITE TRANSLATIONS IN SOLID-STATE PHYSICS
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OAR ACCESS NO.....007912-043
BY ZAK J — DDC NUMBER.....AD667019
INSTR...F44620-67-C-0047
PROJECT/TASK.....9764/01

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UNIVERSITY OF TURIN
SUPERCONVERGENCE AND CURRENT ALGEBRA
ANNALS OF PHYSICS V44 N2 PP165-199 SEP 1967
OAR ACCESS NO.....018641-002
BY DE ALFARO V — DDC NUMBER.....AD667044
FUBINI S — INSTR...AF-EOAR -0029-66
FURLAN G — PROJECT/TASK.....9751/01
ROSSETTI C

AFOSR 68-0565
UNIVERSITY OF TURIN
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NUOVO CIMENTO SERX V51A N2 PP529-532 SEPT 1967
OAR ACCESS NO.....018641-003
BY BARUCCHI G — DDC NUMBER.....AD667089
TEPPATI G — INSTR...AF-EOAR -0029-66
PROJECT/TASK.....9751/01

AFOSR 68-0566
UNIVERSITY OF TURIN
SUPERCONVERGENCE SUM RULES IN NUCLEON-NUCLEON SCATTERING
NUOVO CIMENTO SERX V48A N1 PP284-288 1 MAR 1967
OAR ACCESS NO.....018641-004
BY DAURIA R — DDC NUMBER.....AD667011
DE ALFARO V — INSTR...AF-EOAR -0029-66
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UNIVERSITY OF TURIN
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OAR ACCESS NO.....018641-005
BY SOLIANI G — DDC NUMBER.....AD667010
INSTR...AF-EOAR -0029-66
PROJECT/TASK.....9751/01

AFOSR 68-0568
UNIVERSITY OF UTAH
SCREENING OF A FIXED CHARGE IN BISMUTH METAL
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OAR ACCESS NO.....017960-002
BY BROWNELL D H JR — DDC NUMBER.....AD667039
HYGH E M — INSTR...AF-AFOSR-0901-65
PROJECT/TASK.....9763/09

AFOSR 68-0569
INSTITUTE FOR ADVANCED STUDY
THE ONE PION EXCHANGE CONTRIBUTION TO THE WEAK PARITY VIOLATING NUCLEON-NUCLEON POTENTIAL
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OAR ACCESS NO.....007784-007
BY MCKELLAR B H J — DDC NUMBER.....AD667006
INSTR...AF-AFOSR-1365-66
PROJECT/TASK.....9751/01

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BY GARNETT J — DDC NUMBER.....AD667003
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BY GEORGE A R
DDC NUMBER.....AD667014
INSTR...AF-49(638)-1360
PROJECT/TASK.....9783/02

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CAMBRIDGE UNIVERSITY
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OAR ACCESS NO.....018273-003
BY BOWDEN F P
FIELD J E
FOX P G
CHAUDHRI M M
DDC NUMBER.....AD667216
INSTR...AF-EOAR -0003-67
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BY CAMPANATO S
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FRYE G
DDC NUMBER.....AD667063
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NEW YORK STATE UNIV RESEARCH FOUNDATION
DYNAMICS OF RECTANGULAR PLATES
D I S G R NO 30
OAR ACCESS NO.....020441-001
BY LEE Y C
REISMANN H
DDC NUMBER.....AD668459
INSTR...AF-AFOSR-0984-67
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DDC NUMBER.....AD831152
INSTR...AF-AFOSR-0203-66
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BUREAU OF SOCIAL SCIENCE RESEARCH INC
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OAR ACCESS NO.....019210-004
BY BIDERMAN A D
CRAWFORD E T
DDC NUMBER.....AD668062
INSTR...AF-49(638)-1344
PROJECT/TASK.....9779/02

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OAR ACCESS NO.....019210-005
BY BIDERMAN A D
DDC NUMBER.....AD668554
INSTR...AF-49(638)-1344
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OAR ACCESS NO.....015242-049
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DDC NUMBER.....AD667526
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BY MEYER H
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OAR ACCESS NO.....014292-002
BY RAGAZZINI J R
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BY KIM D J
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DDC NUMBER.....AD667061
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OAR ACCESS NO.....023300-001
BY KAUTZ W H
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BY DRONBAELL D H JR
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DDC NUMBER.....AD667096
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BY POSNER M I
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OAR ACCESS NO.....014031-005
BY HWANG U P
DOC NUMBER.....AD667037
FAN L T
INSTR...AF-AFOSR-0463-66
HWANG C L
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WEIZMANN INSTITUTE OF SCIENCE
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BY FRIEDMAN M
DOC NUMBER.....AD667136
GILLIS J
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SHAPIRA Y
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ARIZONA STATE UNIVERSITY
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BY IQBAL Z
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STANFORD UNIVERSITY

SPECTRUM ANALYSIS AND IDENTIFICATION OF [illegible]

DISTRIB[illegible]

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[illegible]

BY [illegible]

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POLYTECHNIC INSTITUTE OF BROOKLYN

A SOURCE FLOW FIELD AND CONFINED [illegible]

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BY [illegible]

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MASSACHUSETTS [illegible] OF TECHNOLOGY

A CHARACTERISTICS APPROACH TO RADIATIVE [illegible]

AIAA AEROSPACE [illegible] MEETING 6TH NEW YORK

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A COMPUTER STUDY OF AN ANALYTICAL MODEL OF BOUNDARY LAYER TRANSITION

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BY DONALDSON C D

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CARNEGIE-MELLON UNIVERSITY

A SIMPLIFIED FORMAT FOR THE MODEL ELIMINATION THEOREM-PROVING PROCEDURE

BY LOVELAND D W

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UNIVERSITY OF MICHIGAN

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MATHEMATICS [illegible]

BY BERMANT L B

HANAHAN F

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HARVARD UNIVERSITY

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BY MURPHY G J

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BY KRUGER C H

MITCHNER M

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[illegible]

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AFOSR 68-0627

[illegible]

[illegible]

BY [illegible]

AFOSR 68-0628

[illegible]

BY [illegible]

AFOSR 68-0629

[illegible]

BY [illegible]

AFOSR 68-0630

[illegible]

BY [illegible]

AFOSR 68-0631

BUREAU OF SOCIAL SCIENCE RESEARCH INC

[illegible]

BY [illegible]

AFOSR 68-0632

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A NOTE ON STEADY-STATE FLUENTS

BY [illegible]

AFOSR 68-0633

[illegible]

BY [illegible]

AFOSR 68-0634

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BY KENT G
DDC NUMBER.....AD667132
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SHINNAR R
KATZ S
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INSTR...AF-AFOSR-0921-65
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BY FUNG Y C
DDC NUMBER.....AD667125
INSTR...AF-AFOSR-1186-67
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PENNSYLVANIA STATE UNIVERSITY
REACTION MECHANISMS AND KINETICS IN SOLID PHASE REACTIONS FROM 1500-3000 DEGREES C
OAR ACCESS NO.....007881-005
BY ROY R
DDC NUMBER.....AD831195L
INSTR...AF-AFOSR-0208-63
PROJECT/TASK.....9761/02

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UNIVERSITY OF NORTH CAROLINA
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BY DEWITT B S
DDC NUMBER.....AD668539
INSTR...AF-AFOSR-0153-67
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MATHEMATICAL STUDIES OF NONLINEAR CIRCUITS FINAL REPORT FEB 1968
OAR ACCESS NO.....010011-002
BY BRAYTON R K
MIRANKER W L
DDC NUMBER.....AD667205
INSTR...AF-49/638/01474
PROJECT/TASK.....9749/01

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THEORY OF THE INTERACTION OF HIGH-FREQUENCY SOUND WAVES AND ELECTRONS
OAR ACCESS NO.....009841-001
BY KJELDAAS T JR
DDC NUMBER.....AD831460L
INSTR...AF-49/638/01372
PROJECT/TASK.....9761/01

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CORNELL AERONAUTICAL LABORATORY INC
SURFACE MEASUREMENTS ON SHARP FLAT PLATES AND WEDGES IN LOW-DENSITY HYPERSONIC FLOW
OAR ACCESS NO.....001252-002
BY VIDAL R J
BARTZ J A
DDC NUMBER.....AD668552
INSTR...AF-49/638/01433
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UNIVERSITY OF CALIFORNIA
A LOWER BOUND FOR PERMANENTS OF /0,1/-MATRICES
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OAR ACCESS NO.....013801-007
BY MINC H
DDC NUMBER.....AD667308
INSTR...AF-AFOSR-0432-63
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BY OILLON O W JR
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REYNOLDS W C
SCHRAUB F A
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INSTR...AF-49/638/01270
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OAR ACCESS NO.....008023-012
BY RILEY N
DDC NUMBER.....AD667303
INSTR...AF-49/638/01274
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UNIVERSITY OF CALIFORNIA
DEMICONTINUITY HEMICONTINUITY AND MONOTONICITY II
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DDC NUMBER.....AD667342
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CARNEGIE-MELLON UNIVERSITY
SEQUENTIAL BOOLEAN EQUATIONS
OAR ACCESS NO.....022900-036
BY EVEN S
MEYER A R
DDC NUMBER.....AD667537
INSTR...SD -166
PROJECT/TASK.....9718/00

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OAR ACCESS NO.....021210-003
BY MEISEL W S
DDC NUMBER.....AD667321
INSTR...AF-AFOSR-1018-66
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UNIVERSITY OF CHICAGO
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OAR ACCESS NO.....000625-012
BY MURAYAMA T
SIMPSON J A
DDC NUMBER.....AD667501
INSTR...AF-49/638/01642
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BY BURWELL R L JR
KATHLEEN C TAYLOR K C
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DDC NUMBER.....AD667340
INSTR...AF-AFOSR-0097-63
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OAR ACCESS NO.....022960-001
BY MACKIE A G
DDC NUMBER.....AD667336
INSTR...AF-AFOSR-1196-67
PROJECT/TASK.....9749/01

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WAYNE STATE UNIVERSITY
CIRCULARLY POLARIZED ULTRASONIC SHEAR WAVES IN METALS
PHYSICAL REVIEW LETTERS V20 N5 PP207-208 29 JANUARY 1968
OAR ACCESS NO.....006893-003
BY THOMAS R L
TURNER G
BOHM H V
DDC NUMBER.....AD667318
INSTR...AF-AFOSR-0695-66
PROJECT/TASK.....9763/02

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SYSTEM F.R MEASURING FREQUENCIES UP TO 345 GHZ
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DDC NUMBER.....AD667332
INSTR...AF-49/638/01837
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OAR ACCESS NO.....014220-004
BY GIULIANO C R
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HESS L D
DDC NUMBER.....AD667333
INSTR...AF-49/638/01264
PROJECT/TASK.....9762/03

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OAR ACCESS NO.....015101-003
BY GIULIANO C R
HESS L D
MARGERUM J D
DDC NUMBER.....AD667333
INSTR...AF-49/638/01607
PROJECT/TASK.....9768/02

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MASSACHUSETTS INSTITUTE OF TECHNOLOGY
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OAR ACCESS NO.....007812-047
BY KORVING J
KNAAP H F P
GORDON R G
BEENAKKER J J M
DDC NUMBER.....AD667361
INSTR...F44620-67-C-0047
PROJECT/TASK.....9764/00

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UNIVERSITY OF CALIFORNIA
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OAR ACCESS NO.....018831-008
BY CHU C W
SMITH T F
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DDC NUMBER.....AD667324
INSTR...AF-AFOSR-0631-67
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COMMUTATORS OF MATRICES WITH PRESCRIBED DETERMINANT
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OAR ACCESS NO.....014930-024
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DDC NUMBER.....AD667309
INSTR...AF-AFOSR-0698-65
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UNIVERSIDAD DE CHILE
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BY SANTIBANEZ G H
CARMONA A
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INSTR...AF-AFOSR-0319-66
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OAR ACCESS NO.....009631-004
BY MONICONI E J
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DDC NUMBER.....AD667308
INSTR...AF-AFOSR-0488-66
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STANFORD UNIVERSITY
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OAR ACCESS NO.....010391-035
BY FLORY P J
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DDC NUMBER.....AD667306
INSTR...AF-49/638/01391
PROJECT/TASK.....9760/03

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UNIVERSITY OF QUEENSLAND
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INSTR...AF-AFOSR-3863-65
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BY LEROY R J
BURNS G
DDC NUMBER.....AD667340
INSTR...AF-AFOSR-0506-66
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OAR ACCESS NO.....015061-022
BY HAEBIG J E
DDC NUMBER.....AD667327
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OAR ACCESS NO.....002223-015
BY SCREATON G R
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INSTR...AF-AFOSR-0500-66
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BY SINGER J
DDC NUMBER.....AD666920
INSTR...AF-61/052/00905
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AFOSR 68-0671
CALIFORNIA INSTITUTE OF TECHNOLOGY
NONLINEAR AND ANISOTROPIC EFFECTS IN MAGNETICALLY TUNED LASER AMPLIFIERS
OAR ACCESS NO.....018650-006
BY DIENES A
DDC NUMBER.....AD667188
INSTR...AF-49/638/01322
PROJECT/TASK.....9768/02

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UNIVERSITY OF PITTSBURGH
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OAR ACCESS NO.....019820-001
BY WERNER G
WHITSEL B L
DDC NUMBER.....AD667572
INSTR...AF-AFOSR-1005-66
PROJECT/TASK.....9777/01

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CALIFORNIA INSTITUTE OF TECHNOLOGY
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BY MATTHEWS J W
DDC NUMBER.....AD667189
INSTR...AF-49/638/01322
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OAR ACCESS NO.....010011-003
BY BRAYTON R K
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DDC NUMBER.....AD667331
INSTR...AF-49/638/01474
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UNIVERSITY OF HAWAII
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OAR ACCESS NO.....027330-003
BY ARNAMSON N
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UNIVERSITY OF CALIFORNIA
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AUTOMAZIONE E STRUMENTAZIONE V15 N11 PP491-503 NOVEMBER
OAR ACCESS NO.....015051-001
BY DE JULIO S
MANZOLLO A
DDC NUMBER.....AD667337
INSTR...AF-AFOSR-0700-67
PROJECT/TASK.....9749/01

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UNIVERSITY OF NOTRE DAME
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OAR ACCESS NO.....015090-004
BY ELIEL E L
MARTIN R J L
DDC NUMBER.....AD667311
INSTR...AF-AFOSR-0772-65
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UNIVERSITY OF NOTRE DAME
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OAR ACCESS NO.....015090-005
BY ELIEL E L
MARTIN R J L
DDC NUMBER.....AD667312
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AFOSR 68-0679
TUFTS UNIVERSITY
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OAR ACCESS NO.....016920-002
BY HAAS T E
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DDC NUMBER.....AD667344
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BY REINBERG A R
ESTLE T L
DDC NUMBER.....AD667338
INSTR...AF-49(638)1230
PROJECT/TASK.....9763/02

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WAYNE STATE UNIVERSITY
ROTATING SAMPLE HOLDER FOR X-BAND ULTRASONICS
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OAR ACCESS NO.....006593-004
BY DOOLEY J B
TEPLEY N
DDC NUMBER.....AD667316
INSTR...AF-AFOSR-0695-66
PROJECT/TASK.....9763/02

AFOSR 68-0682
UNIVERSITY OF BRITISH COLUMBIA
BELLICHS EMBEDDING THEOREM FOR A SPINY URCHIN
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OAR ACCESS NO.....008674-001
BY CLARK C
DDC NUMBER.....AD667348
INSTR...AF-AFOSR-0379-67
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PURDUE UNIVERSITY
ISSUES IN SOCIAL SCIENCE DECISION MAKING FINAL REPORT MARCH 1968
OAR ACCESS NO.....022690-001
BY HILL R J
DDC NUMBER.....AD668262
INSTR...AF-49(638)1764
PROJECT/TASK.....9779/01

AFOSR 68-0684
CARNEGIE-MELLON UNIVERSITY
TRANSFORMATION OF PROGRAM SCHEMES TO STANDARD FORMS
OAR ACCESS NO.....022900-030
BY BASU S K
DDC NUMBER.....AD667545
INSTR...SD -146
PROJECT/TASK.....9718/00

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PURDUE UNIVERSITY
PARAMETRIC STUDY OF ROCKET INSTABILITY FINAL REPORT FEB 1968
OAR ACCESS NO.....005873-001
BY OSBORN J R
METZER D W
DDC NUMBER.....AD829888
INSTR...AF-AFOSR-0753-66
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MELLON INSTITUTE
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INSTR...AF-AFOSR-0580-66
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ADELPHI UNIVERSITY
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OAR ACCESS NO.....017220-003
BY PAYTON R G
DDC NUMBER.....AD667492
INSTR...AF-AFOSR-0821-65
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RADIO CORP OF AMERICA
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OAR ACCESS NO.....011880-002
BY AMAREL S
DDC NUMBER.....AD667505
INSTR...AF-49(638)01184
PROJECT/TASK.....9769/05

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UNIVERSITY OF FLORIDA
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BY WINEFORDNER J D
GLENN T H
DDC NUMBER.....AD667503
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UNIVERSITY OF GEORGIA
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OAR ACCESS NO.....019062-002
BY KING R B
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AFOSR 68-0692
UNIVERSITY OF GEORGIA
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AFOSR 68-0693
UNIVERSITY OF GEORGIA
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OAR ACCESS NO.....019062-004
BY KING R B
PARNELL K H
DDC NUMBER.....AD667506
INSTR...AF-AFOSR-1211-67
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AFOSR 68-0694
UNIVERSITY OF ZURICH
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OAR ACCESS NO.....022640-003
BY SEMENZA G
DDC NUMBER.....AD667509
INSTR...AF-EOAR -0017-67
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KAROLINSKA INSTITUTE
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OAR ACCESS NO.....000683-004
BY HUGLUND G
DDC NUMBER.....AD667485
INSTR...AF-EOAR -0009-65
PROJECT/TASK.....9777/01

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KAROLINSKA INSTITUTE
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OAR ACCESS NO.....000683-005
BY MILLER W H
MOLLER A R
BERNHARD C G
DDC NUMBER.....AD667483
INSTR...AF-EOAR -0009-65
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OAR ACCESS NO.....000683-006
BY BERNHARD C G
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INSTR...AF-EOAR -0009-65
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CLARK UNIVERSITY
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BY MOULTON D G
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PROJECT/TASK.....9777/01

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KAROLINSKA INSTITUTE
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OAR ACCESS NO.....000683-007
BY BERNHARD C G
DOC NUMBER.....AD667402
INSTR...AF-EOAR -0009-65
PROJECT/TASK.....9777/01

AFOSR 68-0701
LEHIGH UNIVERSITY
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BY KUNZ A D
DOC NUMBER.....AD667511
INSTR...AF-AFOSR-1278-67
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UNIVERSITY OF ROCHESTER
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OAR ACCESS NO.....002784-002
BY SHYU W M
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GASPARI G D
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HARVARD UNIVERSITY
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AFOSR 68-0704
CATHOLIC UNIVERSITY OF CHILE
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BY VERA C L
DOC NUMBER.....AD667489
LUCO J V
INSTR...AF-AFOSR-0316-65
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AFOSR 68-0705
UNIVERSITY OF WISCONSIN
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AFOSR 68-0706
NORTH CAROLINA STATE COLLEGE
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OAR ACCESS NO.....011592-009
BY HARRINGTON M J
DOC NUMBER.....AD667813
TING T W
INSTR...AF-AFOSR-0466-66
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AFOSR 68-0707
UNIVERSITY OF CHICAGO
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40 MEV
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OAR ACCESS NO.....000625-013
BY FAN C Y
DOC NUMBER.....AD667628
GLOECKLER G
INSTR...AF-49(638)01642
SIMPSON J A
PROJECT/TASK.....9751/04
VERMA S D

AFOSR 68-0708
UNIVERSITY OF FLORIDA
THE COPPER-CATALYZED REACTION OF BENZONORBORNADIENE WITH
BENZOYL PEROXIDE AND T-BUTYL PERBENZOATE NUCLEAR MAGNETIC
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BY SHENNAN M E
DOC NUMBER.....AD667826
BATTISTE M A
INSTR...AF-AFOSR-0738-67
PROJECT/TASK.....9762/02

AFOSR 68-0709
UNIVERSITY OF FLORIDA
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OAR ACCESS NO.....015121-001
BY MALTON B
DOC NUMBER.....AD667621
BATTISTE M A
INSTR...AF-AFOSR-0738-67
REMBERG R
PROJECT/TASK.....9762/02

AFOSR 68-0710
UNIVERSITY OF FLORIDA
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SYN-8-TRICYCLO/3.2.1.02 4/OCTANE DERIVATIVES, EXTENSIVE
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BY BATTISTE M A
DEYRUP C L
DOC NUMBER.....AD667623
PINCOCK R E
INSTR...AF-AFOSR-0738-67
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FANNER J H

AFOSR 68-0711
OREGON STATE UNIVERSITY
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OAR ACCESS NO.....011821-012
BY RICE J L
DOC NUMBER.....AD667876
GUARALDI G
INSTR...AF-AFOSR-0106-65
PROJECT/TASK.....9762/03

AFOSR 68-0712
UNIVERSITY OF TORONTO
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OAR ACCESS NO.....009832-001
BY HULL T E
DOC NUMBER.....AD667878
INSTR...AF-AFOSR-0673-66
PROJECT/TASK.....9749/01

AFOSR 68-0713
UNIVERSITY COLLEGE
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OAR ACCESS NO.....001658-001
BY QUINLAN P M
DOC NUMBER.....AD667817
INSTR...AF-EOAR -0031-67
PROJECT/TASK.....9749/01

AFOSR 68-0714
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OAR ACCESS NO.....001806-003
BY HECHT G
DOC NUMBER.....AD667776
MUSINGE M L
INSTR...AF-AFOSR-0394-66
PROJECT/TASK.....9751/02

AFOSR 68-0715
BRANDEIS UNIVERSITY
STRESS-TENSOR COMMUTATORS AND SCHWINGER TERMS
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OAR ACCESS NO.....005153-011
BY GOLDBERG I B
DOC NUMBER.....AD667861
DESER S
INSTR...AF-AFOSR-0368-65
PROJECT/TASK.....9751/01

AFOSR 68-0716
UNIVERSITY OF CHICAGO
COSMIC-RAY NEUTRON MONITOR YIELD FUNCTIONS GROSS
TRANSFORMATION AND NUCLEONIC COMPONENT MEAN FREE PATHS
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OAR ACCESS NO.....000625-014
BY KEITH J E
DOC NUMBER.....AD668003
PETERSON R W
INSTR...AF-49(638)01642
TUNAMAN R L
PROJECT/TASK.....9751/04
WANG J H

AFOSR 68-0717
STANFORD UNIVERSITY
THERMODYNAMIC PROPERTIES OF BINARY MIXTURES OF N-ALKANES
JOURNAL AMERICAN CHEMICAL SOCIETY V89 N26 PP6822-6829
20 DEC 1967
OAR ACCESS NO.....010391-036
BY ORWOLL R A — DOC NUMBER.....AD668004
FLORY P J — INSTR...AF-49/638/01341
PROJECT/TASK.....9760/03

AFOSR 68-0718
STANFORD UNIVERSITY
EQUATION-OF-STATE PARAMETERS FOR NORMAL ALKANES CORRELATION WITH CHAIN LENGTH
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OAR ACCESS NO.....010391-037
BY ORWOLL R A — DOC NUMBER.....AD667862
FLORY P J — INSTR...AF-49/638/01341
PROJECT/TASK.....9760/03

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UNIVERSITY OF NEVADA
ON THE PROBABILITY OF INTERMOLECULAR ENERGY TRANSFER IN POLAR MOLECULES
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OAR ACCESS NO.....023930-001
BY SHIN H K — DOC NUMBER.....AD667860
INSTR...AF-AFOSR-1354-68
PROJECT/TASK.....9760/02

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UNIVERSITY OF MASSACHUSETTS
A NUCLEAR MAGNETIC RESONANCE INVESTIGATION OF PARAMAGNETIC RELAXATION IN VISCOUS SOLUTIONS
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OAR ACCESS NO.....013611-008
BY FRANKEL L S — DOC NUMBER.....AD667859
INSTR...AF-AFOSR-0212-65
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UNIVERSITY OF CHICAGO
NEW APPROXIMATION FOR THE CALCULATION OF NEUTRON SCATTERING FROM A SIMPLE LIQUID
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OAR ACCESS NO.....015061-019
BY GLASS L — DOC NUMBER.....AD667869
RICE S A — INSTR...AF-AFOSR-0781-67
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UNIVERSITY OF CHICAGO
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OAR ACCESS NO.....013621-001
BY AUBAUER H P — DOC NUMBER.....AD667866
INSTR...AF-49/638/01653
PROJECT/TASK.....9763/02

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UNIVERSITY OF CHICAGO
PIEZO-OPTICAL CONSTANTS DEFORMATION POTENTIALS AND THE ELECTRONIC STRUCTURE OF COPPER
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BY GERHARDT U — DOC NUMBER.....AD667867
BEAGLEHOLE D — INSTR...AF-49/638/01653
SANDROCK R — PROJECT/TASK.....9763/02

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OAR ACCESS NO.....013621-003
BY MILLER A T — DOC NUMBER.....AD667663
INSTR...AF-49/638/01653
PROJECT/TASK.....9763/02

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UNIVERSITY OF COLORADO
MAGNETIC MOMENTS FORM FACTORS AND MASS SPECTRUM OF BARYONS
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OAR ACCESS NO.....013092-001
BY BARUT A O — DOC NUMBER.....AD667670
CORRIGAN D — INSTR...AF-AFOSR-0030-67
KLEINERT H — PROJECT/TASK.....9751/01

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KANSAS STATE UNIVERSITY
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OAR ACCESS NO.....014031-006
BY FAN L T — DOC NUMBER.....AD667868
HWANG C L — INSTR...AF-AFOSR-0463-66
KNIEPER P J — PROJECT/TASK.....9752/01
HWANG U D

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UNIVERSITY OF ILLINOIS
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OAR ACCESS NO.....012153-005
BY CONANT H C — DOC NUMBER.....AD667812
INSTR...AF-AFOSR-0007-67
PROJECT/TASK.....9769/04

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RICE UNIVERSITY
NUCLEOSYNTHESIS DURING SILICON BURNING
PHYSICAL REVIEW LETTERS V20 N4 PP161-164 22 JAN 1968
OAR ACCESS NO.....016560-011
BY BODANSKY D — DOC NUMBER.....AD667667
CLAYTON D D — INSTR...AF-AFOSR-0455-65
FOWLER W A — PROJECT/TASK.....9751/02

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UNIVERSITY OF NORTH CAROLINA
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OAR ACCESS NO.....019081-001
BY ODOM G W — DOC NUMBER.....AD667666
MURRAY R W — INSTR...AF-AFOSR-0584-66
PROJECT/TASK.....9760/01

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UNIVERSITY OF CHICAGO
STRUCTURED FLUORESCENCE SPECTRUM OF ANTHRACENE VAPOR
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OAR ACCESS NO.....015061-020
BY HAEBIG J E — DOC NUMBER.....AD667665
INSTR...AF-AFOSR-0781-67
PROJECT/TASK.....9760/01

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STANFORD UNIVERSITY
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OAR ACCESS NO.....019230-006
BY TRUDINGER N S — DOC NUMBER.....AD667660
INSTR...AF-49/638/01345
PROJECT/TASK.....9769/02

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POLYTECHNIC INSTITUTE OF BROOKLYN
ON LINEAR UNEQUAL ERROR PROTECTION CODES
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OAR ACCESS NO.....020310-003
BY MASNICK B — DOC NUMBER.....AD667661
WOLF J — INSTR...AF-49/638/01600
PROJECT/TASK.....9769/01

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UNIVERSITY OF GLASGOW
BRIDGED RING SYSTEMS--XIII THE SYNTHESIS OF CYCLOHEPTENE CARBOXYLIC ACIDS
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OAR ACCESS NO.....012020-004
BY BUCHANAN G L — DOC NUMBER.....AD667664
CUNRAN A C W — INSTR...AF-EOAR -0036-63
MCCRAE J M — PROJECT/TASK.....9762/02
MCLAY G W

AFOSR 68-0734
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SIMPLIFIED MOUNTING FOR QUADRUPOLE MASS FILTER RODS
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OAR ACCESS NO.....014660-007
BY MUNRO D F — DOC NUMBER.....AD667662
INSTR...AF-49/638/01301
PROJECT/TASK.....9760/02

AFOSR 68-0735
UNIVERSITY OF FLORIDA
CIS-4A B A 8A-TETRAHYDRO-6 7-DI(BROMOMETHYL)
NAPHTHOQUINONE FROM 2 3-DI-(BROMOMETHYL)-1 3-BUTADIENE
TETRAHEDRON LETTERS N6A PP4873-4874 1967
OAR ACCESS NO.....015701-001
BY BUTLER G B DDC NUMBER.....AD667669
OTTENBRITE R M INSTR...AF-AFOSR-0817-67
PROJECT/TASK.....9762/02

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OAR ACCESS NO.....008881-009
BY OBRYCKI R DDC NUMBER.....AD667668
GRIFFIN C E INSTR...AF-AFOSR-0470-66
PROJECT/TASK.....9762/01

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PENNSYLVANIA STATE UNIVERSITY
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OAR ACCESS NO.....019860-003
BY HOULT D P DDC NUMBER.....AD669147
INSTR...AF-49(638)-01708
PROJECT/TASK.....9767/02

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GENERAL DYNAMICS CORP
NONLINEAR THEORY OF PLASMA DYNAMICS FINAL REPORT FEB 1968
OAR ACCESS NO.....019331-007
BY AAMODT R E DDC NUMBER.....AD667695
ROOK D L INSTR...AF-49(638)-01946
CHANG D B PROJECT/TASK.....9752/01
DRUMMOND W E
FOWLER T K

AFOSR 68-0739
WAYNE STATE UNIVERSITY
MEGACYCLE AND KILOMEGACYCLE ULTRASONIC ATTENUATION STUDIES
IN METALS FINAL REPORT MARCH 1968
OAR ACCESS NO.....006593-005
BY BOHN H V DDC NUMBER.....AD830402L
TEPLEY N INSTR...AF-AFOSR-0895-66
PROJECT/TASK.....9763/02

AFOSR 68-0740
INNSBRUCK UNIVERSITY
EFFECT OF HIGH CONDUCTIVITY ON TWO-DIMENSIONAL
PLASMA FLOW
SCIENTIFIC REPORT NUMBER 54
OAR ACCESS NO.....013251-011
BY FALSEN H DDC NUMBER.....AD667814
INSTR...F61052-67-C-0014
PROJECT/TASK.....9752/01

AFOSR 68-0741
SPERRY RAND RESEARCH CENTER
NONCORRELATION OF ANOMALOUS PLASMA TRANSPORT EQUILIBRIUM
PLASMA DENSITY AND LOW-FREQUENCY POTENTIAL OSCILLATIONS
IN A Q DEVICE
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OAR ACCESS NO.....017840-005
BY DECKER J A JR DDC NUMBER.....AD667699
FREYHEIT P J INSTR...AF-49(638)-01541
MCBEE W D PROJECT/TASK.....9752/01
SHEPHERD L T

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DEFENSE RESEARCH CORP
THE THIN LAYER APPROXIMATION IN HYPERSONIC VISCOUS FLOW
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OAR ACCESS NO.....018230-003
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INSTR...AF-49(638)-01569
PROJECT/TASK.....9783/01

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CALIFORNIA INSTITUTE OF TECHNOLOGY
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OAR ACCESS NO.....005882-003
BY ZUKOSKI E E DDC NUMBER.....AD667694
GILPIN R R INSTR...AF-49(638)-01285
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OAR ACCESS NO.....014952-002
BY TIRUMALESA D DDC NUMBER.....AD667697
INSTR...AF-AFOSR-0697-67
PROJECT/TASK.....9753/01

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POLYTECHNIC INSTITUTE OF BROOKLYN
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OAR ACCESS NO.....020310-004
BY WOLF J K DDC NUMBER.....AD667698
INSTR...AF-49(638)-01600
PROJECT/TASK.....9769/01

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CAMBRIDGE UNIVERSITY
GROUP THEORETICAL RELATIONSHIPS BETWEEN BARYON-BARYON
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OAR ACCESS NO.....013011-028
BY KAISER G D DDC NUMBER.....AD667682
INSTR...AF-EOAR -0036-65
PROJECT/TASK.....9751/01

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CAMBRIDGE UNIVERSITY
RESCATTERING EFFECTS IN THREE-PARTICLE FINAL STATES I - THE
MODEL
NUOVO CIMENTO SERX V51A PP249-271 21 SEPT 1967
OAR ACCESS NO.....013011-029
BY AITCHISON I J R DDC NUMBER.....AD667685
INSTR...AF-EOAR -0036-65
PROJECT/TASK.....9751/01

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CAMBRIDGE UNIVERSITY
RESCATTERING EFFECTS IN THREE-PARTICLE FINAL STATES II -
NUMERICAL RESULTS
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OAR ACCESS NO.....013011-030
BY AITCHISON I J R DDC NUMBER.....AD667686
INSTR...AF-EOAR -0036-65
PROJECT/TASK.....9751/01

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CORNELL UNIVERSITY
ON THE STRUCTURE OF IONIZATION FRONTS
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OAR ACCESS NO.....001062-013
BY ONG R S B DDC NUMBER.....AD667700
TURCOTTE D L INSTR...AF-49(638)-01346
PROJECT/TASK.....9783/02

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UNIVERSITY OF TEXAS AT AUSTIN
SOME ASPECTS OF CYLINDRICAL SHELL PANEL FLUTTER
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OAR ACCESS NO.....021140-002
BY CARTER L L DDC NUMBER.....AD668218
STEARMAN R O INSTR...AF-49(638)-01639
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AFOSR 68-0751
OHIO STATE UNIVERSITY
THE DISASTER RESEARCH CENTER SIMULATION STUDIES OF
UNDER STRESS FINAL REPORT FEB 1967
OAR ACCESS NO.....019162-001
BY QUARANTELLI E L DDC NUMBER.....AD669818
INSTR...AF-AFOSR-0572-66
PROJECT/TASK.....9779/01

AFOSR 68-0752
HARVARD UNIVERSITY
EMERGENT LEADERS IN DEVELOPING NATIONS FINAL REPORT APRIL
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OAR ACCESS NO.....022790-001
BY LIPSET S M DDC NUMBER.....AD668407
INSTR...AF-AFOSR-1205-67
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NORTHWESTERN UNIVERSITY
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BY KRAJCINOVIC D P DDC NUMBER.....AD670566
HERRMANN G INSTR...AF-AFOSR-0100-67
PROJECT/TASK.....9782/01

AFOSR 68-0754
UNIVERSITY OF FLORIDA
SLIT FUNCTION EFFECTS IN ATOMIC SPECTROSCOPY
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OAR ACCESS NO.....020431-010
BY DE GALAN L DDC NUMBER.....AD668221
WINEFORDNER J D INSTR...AF-AFOSR-1033-67
PROJECT/TASK.....9710/03

AFOSR 68-0754
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BY DE GALAN L — DDC NUMBER.....AD668221
WINEFORDNER J D — INSTR...AF-AFOSR-1033-67
PROJECT/TASK.....9710/03

AFOSR 68-0755
STATE UNIVERSITY OF NEW YORK
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OAR ACCESS NO.....014301-009
BY CHANG S S L — DDC NUMBER.....AD669274
INSTR...AF-AFOSR-0562-67
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HARVARD UNIVERSITY
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PHYSICAL REVIEW LETTERS V20 N6 PP306-308 5 FEB 1968
OAR ACCESS NO.....004881-055
BY PERRIN R — DDC NUMBER.....AD668216
INSTR...AF-49(638)-01340
PROJECT/TASK.....9751/01

AFOSR 68-0758
UNIVERSITY COLLEGE
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NATURE V217 N5127 PP440-441 3 FEB 1968
OAR ACCESS NO.....013501-001
BY FEGAN D J — DDC NUMBER.....AD668208
SLEVIN P J — INSTR...AF-EOAR-0027-67
PROJECT/TASK.....9751/04

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PHYSICAL RESEARCH LABS
SHORT-PERIOD VARIATIONS OF COSMIC-RAY INTENSITY
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OAR ACCESS NO.....011881-001
BY DHANJU M S — DDC NUMBER.....AD668227
SARABHAI V A — INSTR...AF-AFOSR-0004-65
PROJECT/TASK.....9774/02

AFOSR 68-0760
BOSTON UNIVERSITY
SCHWINGER TERMS FROM LOCAL CURRENTS
NUOVO CIMENTO V52A SER X PP1361-1364 21 DEC 1967
OAR ACCESS NO.....011362-010
BY HELLMAN H S — DDC NUMBER.....AD668222
NOMAN P — INSTR...AF-AFOSR-0385-65
PROJECT/TASK.....9751/01

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COLUMBIA UNIVERSITY
THE FLUID TRANSPIRATION ARC AS A RADIATION SOURCE FOR SOLAR SIMULATION
P-4/312
OAR ACCESS NO.....011402-006
BY SHEER C — DDC NUMBER.....AD669841
KORMAN S — INSTR...AF-49(638)-01395
PROJECT/TASK.....9783/02

AFOSR 68-0763
CARNEGIE-MELLON UNIVERSITY
STEPS TOWARD A GENERAL PURPOSE TIME-SHARING SYSTEM USING LARGE CAPACITY CORE STORAGE AND TSS/360
OAR ACCESS NO.....022900-011
BY FIKES R E — DDC NUMBER.....AD668078
LAUER H C — INSTR...SD -146
VARENA A L JR — PROJECT/TASK.....9718/00

AFOSR 68-0764
UNIVERSITY OF CALIFORNIA
ON SUBALGEBRAS WHICH SURVIVE CONTRACTION
COMMUN MATH PHYS V7 N2 PP150-163 1968
OAR ACCESS NO.....005134-024
BY DOMOKOS G — DDC NUMBER.....AD658042
TINDLE G L — INSTR...AF-AFOSR-0232-66
PROJECT/TASK.....9767/04

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BUNKER RAME CORP
PREDICATION -TYPING A PILOT STUDY IN SEMANTIC ANALYSIS
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OAR ACCESS NO.....010791-003
BY GARVIN P L — DDC NUMBER.....AD668307
BREWER J — INSTR...AF-49(638)-01516
MATHIET M — PROJECT/TASK.....9769/05

AFOSR 68-0766
INDIANA UNIVERSITY
AN INVESTIGATION OF THE ANALYTIC PROPERTIES OF SOLUTIONS TO THE GENERALIZED AXIALLY SYMMETRIC REDUCED WAVE EQUATION IN N PLUS 1 VARIABLES WITH AN APPLICATION TO THE THEORY OF
SIAM J APPL MATH V16 N1 PP30-80 1968
OAR ACCESS NO.....022970-004
BY GILBERT R P — DDC NUMBER.....AD668285
INSTR...AF-AFOSR-1206-67
PROJECT/TASK.....9749/01

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BROWN UNIVERSITY
STABILITY THEORY FOR ORDINARY DIFFERENTIAL EQUATIONS
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OAR ACCESS NO.....019893-004
BY LASALLE J P — DDC NUMBER.....AD668283
INSTR...AF-AFOSR-0693-67
PROJECT/TASK.....9749/01

AFOSR 68-0768
BROWN UNIVERSITY
A REMARK ON THE BANG-BANG PRINCIPLE FOR LINEAR CONTROL SYSTEMS IN INFINITE-DIMENSIONAL SPACE
SIAM J CONTROL V6 N1 PP109-113 1968
OAR ACCESS NO.....019593-005
BY FATTORINI H O — DDC NUMBER.....AD668281
INSTR...AF-AFOSR-0693-67
PROJECT/TASK.....9749/01

AFOSR 68-0769
UNIVERSITY OF FLORIDA
ON THE LEFT-HANDED RIGHT-HANDED AND TWO-SIDED PRIMES
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OAR ACCESS NO.....014721-002
BY CHAVLA L N — DDC NUMBER.....AD668310
HAFFIELD J E — INSTR...AF-AFOSR-0472-65
MUBAFI A — PROJECT/TASK.....9749/01

AFOSR 68-0770
UNIVERSITY OF CALIFORNIA
NON-EXISTENCE OF SNAP-THROUGH FOR CLAMPED SHALLOW ELASTIC ARCHES SUBJECTED TO IMPULSIVE LOADING
OAR ACCESS NO.....022780-009
BY VAHIDI B — DDC NUMBER.....AD670177
INSTR...AF-AFOSR-1226-67
PROJECT/TASK.....9782/01

AFOSR 68-0771
STANFORD RESEARCH INSTITUTE
RESPONSE OF A BURNING PROPELLANT SURFACE TO EROSIVE TRANSIENTS FINAL REPORT 1968
OAR ACCESS NO.....005293-008
BY MARXMAN G A — DDC NUMBER.....AD670525
WOOLDRIDGE C E — INSTR...AF-49(638)-1665
CAPENER E L — PROJECT/TASK.....9713/01

AFOSR 68-0773
UNIVERSITY OF ILLINOIS
AN AUTOMATIC STOCHASTIC PREDICTOR
RCL DEPT NO 8 2
OAR ACCESS NO.....012153-008
BY STINAFF R D — DDC NUMBER.....AD668555
INSTR...AF-AFOSR-0007-67
PROJECT/TASK.....9769/04

AFOSR 68-0774
UNIVERSITY OF ILLINOIS
BIOLOGICAL PRINCIPLES OF INFORMATION STORAGE AND RETRIEVAL
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ACADEMIC PRESS LONDON PP123-147 1967
OAR ACCESS NO.....012153-007
BY FOERSTER H V — DDC NUMBER.....AD668284
INSTR...AF-AFOSR-0007-67
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AFOSR 68-0775
UNIVERSITY OF ILLINOIS
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OAR ACCESS NO.....012152-003
BY FREEDMAN M D — DDC NUMBER.....AD668309
INSTR...AF-AFOSR-0007-66
PROJECT/TASK.....9769/04

AFOSR 68-0776
UNIVERSITY OF ILLINOIS
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OAR ACCESS NO.....012152-004
BY FREEDMAN M D — DDC NUMBER.....AD668308
INSTR...AF-AFOSR-0007-66
PROJECT/TASK.....9769/04

AFOSR 68-0778
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BY ADAMSON A W
OAR ACCESS NO.....020210-001
DDC NUMBER.....AD668312
INSTR...AF-AFOSR-1097-66
PROJECT/TASK.....9760/03

AFOSR 68-0779
CAMBRIDGE UNIVERSITY
COMPLEX ANGULAR MOMENTUM AND INFINITE HELICITY SUMS
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BY DRUMMOND I T
WINDOW G A
OAR ACCESS NO.....013011-031
DDC NUMBER.....AD668313
INSTR...AF-EOAR -0036-65
PROJECT/TASK.....9751/01

AFOSR 68-0781
SOC OF PHOTOGRAPHIC SCIENTISTS & ENGRS
PHOTOGRAPHIC SCIENCE AND ENGINEERING VOLUME 11 NUMBER 2
PP57-128 MAR-APR 1967 FINAL REPORT MARCH 1968
BY LUVALLE J E
OAR ACCESS NO.....021120-001
DDC NUMBER.....AD668302
INSTR...AF-49(638)-01713
PROJECT/TASK.....9760/02

AFOSR 68-0782
SOC OF PHOTOGRAPHIC SCIENTISTS & ENGRS
PHOTOGRAPHIC SCIENCE AND ENGINEERING VOLUME 11 NUMBER 3
PP129-220 MAY-JUN 1967
BY LUVALLE J E
OAR ACCESS NO.....021120-002
DDC NUMBER.....AD668303
INSTR...AF-49(638)-01713
PROJECT/TASK.....9760/02

AFOSR 68-0783
SOC OF PHOTOGRAPHIC SCIENTISTS & ENGRS
PHOTOGRAPHIC SCIENCE AND ENGINEERING VOLUME 11 NUMBER 4 PP221-294 JUL-AUG 1967 FINAL REPORT MARCH 1968
BY LUVALLE J E
OAR ACCESS NO.....021120-003
DDC NUMBER.....AD668304
INSTR...AF-49(638)-01713
PROJECT/TASK.....9760/02

AFOSR 68-0784
SOC OF PHOTOGRAPHIC SCIENTISTS & ENGRS
PHOTOGRAPHIC SCIENCE AND ENGINEERING VOLUME 12 NUMBER 1
PP1-64 JAN-FEB 1968
BY LUVALLE J E
OAR ACCESS NO.....021120-004
DDC NUMBER.....AD668297
INSTR...AF-49(638)-01713
PROJECT/TASK.....9760/02

AFOSR 68-0785
UNIVERSITY OF CHICAGO
CONJECTURE CONCERNING AN ASYMPTOTIC MODIFICATION OF THE YVON-HORN-GREEN EQUATION FOR FLUIDS OF RIGID SPHERES AND DISKS
THE JOURNAL CHEMICAL PHYSICS V47 N12 PP5061-5067 15 DEC 1967
BY YOUNG D A
RICE S A
OAR ACCESS NO.....015061-021
DDC NUMBER.....AD668044
INSTR...AF-AFOSR-0781-67
PROJECT/TASK.....9760/01

AFOSR 68-0786
OHIO STATE UNIVERSITY
SOLDERLESS THERMAL CONNECTOR FOR USE AT LOW TEMPERATURES
THE REVIEW OF SCIENTIFIC INSTRUMENTS VOL 38 NO8 PP1177-1178 AUG 1967
BY HOUGHTON W I
BRUBAKER R H
SANFINSKI M J
OAR ACCESS NO.....021170-003
DDC NUMBER.....AD668046
INSTR...AF-AFOSR-1051-66
PROJECT/TASK.....9763/02

AFOSR 68-0787
BOSTON UNIVERSITY
DIRECT SPIN-PHONON INTERACTION IN SOLID HELIUM THREE
PHYSICAL REVIEW LETTERS V20 N8 PP371-374 19 FEBRUARY 1968
BY SENGHARMAN R
ZIMMERMAN G O
OAR ACCESS NO.....022110-001
DDC NUMBER.....AD668317
INSTR...AF-AFOSR-1117-66
PROJECT/TASK.....9763/02

AFOSR 68-0788
UNIVERSITY OF ILLINOIS
DERIVATION PAINS ON THE HOLOMORPHIC FUNCTIONS
FUNKCIALAJ EKVACIOJ V10 N3 PP225-227 DECEMBER 1967
BY RUBEL L A
OAR ACCESS NO.....014020-010
DDC NUMBER.....AD668311
INSTR...AF-AFOSR-0460-63
PROJECT/TASK.....9769/02

AFOSR 68-0789
UNIVERSITY OF ILLINOIS
HYPERBOLIC MEAN AUTOMORPHIC FUNCTIONS
INVENTIONES MATHEMATICAE V4 PP294-298 1967
BY RUBEL L A
SHIELDS A L
OAR ACCESS NO.....014020-011
DDC NUMBER.....AD668214
INSTR...AF-AFOSR-0460-63
PROJECT/TASK.....9769/02

AFOSR 68-0790
UNIVERSITY OF TORONTO
RECOMBINATION OF BR ATOMS BY FLASH PHOTOLYSIS OVER A WIDE TEMPERATURE RANGE
DISCUSSIONS OF THE FARADAY SOCIETY N44 PP241-251 1967
BY IP J K K
BURNS G
OAR ACCESS NO.....014461-002
DDC NUMBER.....AD668261
INSTR...AF-AFOSR-0606-66
PROJECT/TASK.....9760/02

AFOSR 68-0791
UNIVERSITY COLLEGE
DIRECTED EMISSION MODEL FOR QUASARS
NATURE V217 N5126 PP329-331 27 JAN 1968
BY PORTER N A
OAR ACCESS NO.....013501-002
DDC NUMBER.....AD668211
INSTR...AF-EOAR -0027-67
PROJECT/TASK.....9751/04

AFOSR 68-0792
CATHOLIC UNIVERSITY OF AMERICA
EXCITED STATES WITH COLLECTIVE PROPERTIES IN LIGHT NUCLEI
FINAL REPORT APRIL 1968
BY WEHNTZ C W
OAR ACCESS NO.....009092-003
DDC NUMBER.....AD832463L
INSTR...AF-AFOSR-0586-66
PROJECT/TASK.....9751/02

AFOSR 68-0793
TEMPLE UNIVERSITY
TABLES OF DISTRIBUTIONS OF QUADRATIC FORMS IN CENTRAL NORMAL VARIABLES II
INST OF STATISTICS MIMEO SERIES NO 557
BY JOHNSON N L
KOTZ S
OAR ACCESS NO.....026180-001
DDC NUMBER.....AD668480
INSTR...AF-AFOSR-1411-68
PROJECT/TASK.....9769/06

AFOSR 68-0794
NEW YORK UNIVERSITY
LANGUAGES AUTOMATA AND CLASSES OF CHAIN-ENCODED PATTERNS
TECH REPT 600-165
BY FEDER J
OAR ACCESS NO.....010114-005
DDC NUMBER.....AD668081
INSTR...AF-AFOSR-0024-66
PROJECT/TASK.....9769/02

AFOSR 68-0795
CARNEGIE-MELLON UNIVERSITY
A METHODOLOGY FOR EVALUATING TIME-SHARED COMPUTER SYSTEM USAGE
BY GOLD M M
OAR ACCESS NO.....022900-032
DDC NUMBER.....AD668086
INSTR...SD -146
PROJECT/TASK.....9718/00

AFOSR 68-0796
INSTITUTE FOR FORMAL STUDIES
COMPUTABLE SEMANTIC DERIVATIONS /AND THEIR APPLICATION TO NATURAL LANGUAGE TEXTS/
BY WILKS Y
OAR ACCESS NO.....025430-002
DDC NUMBER.....AD668556
INSTR...F44620-67-C-0046
PROJECT/TASK.....9769/05

AFOSR 68-0797
WEIZMAN INSTITUTE OF SCIENCE
MECHANOCHEMISTRY OF COUPLED CONTRACTILE AND CHEMICAL RATE PROCESSES FINAL REPORT DEC 1967
BY KATCHALSKY A
OAR ACCESS NO.....010482-003
DDC NUMBER.....AD668557
INSTR...AF-61(052)-00019
PROJECT/TASK.....9777/01

AFOSR 68-0798
UNIVERSITE D AIX/MARSEILLE
ENTROPY OF TURBULENT GAS MACROSCOPIC AND TURBULENT PARTS BOUNDARY-LAYER EXPRESSIONS FOR CELERITIES OF FILTERED FLUCTUATIONS FIRST MEASUREMENTS FOR TEMPERATURE
BY FAVRE A
DUMAS R
VEROLLET E
OAR ACCESS NO.....018071-001
DDC NUMBER.....AD668083
INSTR...F61052-67-C-0025
PROJECT/TASK.....9781/02

AFOSR 68-0800
NORTHWESTERN UNIVERSITY
ELECTRICAL RESISTIVITY OF NIAL NIGA AND COGA
JOURNAL OF APPLIED PHYSICS V39 PP231-239 JANUARY 1968
OAR ACCESS NO.....014050-003
BY YAMAGUCHI Y
KEEMIT D A
AOKI Y
BRITTAIN J O
DOC NUMBER.....AD668318
INSTR...AF-AFOSR-0466-66
PROJECT/TASK.....9763/02

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BRISTOL UNIVERSITY
POLYFLUOROACETONE COMPLEXES OF TRANSITION METALS
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OAR ACCESS NO.....015360-005
BY CLARKE B
GREEN M
USBORN R B L
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INSTR...AF-61/052/00067
PROJECT/TASK.....9710/02

AFOSR 68-0802
UNIVERSITY OF PITTSBURGH
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OAR ACCESS NO.....003173-008
BY NINIO F
KEFFER F
DOC NUMBER.....AD668622
INSTR...AF-AFOSR-0196-66
PROJECT/TASK.....9763/03

AFOSR 68-0803
UNIVERSITY OF ROCHESTER
INFLUENCE OF WEAK SOLVENT-SOLUTE INTERACTIONS ON RADIATIONLESS TRANSITION PROBABILITIES
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OAR ACCESS NO.....002784-003
BY DEXTER D L
FOWLER W B
DOC NUMBER.....AD668597
INSTR...AF-AFOSR-0611-67
PROJECT/TASK.....9761/01

AFOSR 68-0804
UNIVERSITY OF PITTSBURGH
S-D MODEL WITH NONSPHERICAL FERMI SURFACE
THE PHYSICAL REVIEW V166 N3 PP679-702 15 FEBRUARY 1968
OAR ACCESS NO.....003173-009
BY SILVA P R P
DOC NUMBER.....AD668624
INSTR...AF-AFOSR-0196-66
PROJECT/TASK.....9763/03

AFOSR 68-0805
UNIVERSITY OF CHICAGO
MOBILITY OF ELECTRONS IN COMPENSATED SEMICONDUCTORS II THEORY
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OAR ACCESS NO.....013621-004
BY FALICOV L M
CUEVAS M
DOC NUMBER.....AD668575
INSTR...AF-49/638/01653
PROJECT/TASK.....9763/02

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OAR ACCESS NO.....011131-005
BY MARKCON J K
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DOC NUMBER.....AD668606
INSTR...AF-AFOSR-0796-65
PROJECT/TASK.....9763/01

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UNIVERSITY OF CHICAGO
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OAR ACCESS NO.....013621-005
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INSTR...AF-49/638/01653
PROJECT/TASK.....9763/02

AFOSR 68-0808
BROWN UNIVERSITY
ALTERNATIVE PROBLEMS FOR NONLINEAR FUNCTIONAL EQUATIONS
JOURNAL OF DIFFERENTIAL EQUATIONS V4 N1 PP40-58 JANUARY 1968
OAR ACCESS NO.....019593-006
BY DANCROFT S
HALE J K
SWEET D
DOC NUMBER.....AD668596
INSTR...AF-AFOSR-0693-67
PROJECT/TASK.....9749/01

AFOSR 68-0809
UNIVERSITY OF SHEFFIELD
METABOLISM OF C SUB 1 COMPOUNDS BY MICROORGANISMS
OAR ACCESS NO.....000843-006
BY QUAYLE J R
DOC NUMBER.....AD668463
INSTR...AF-EOAR -0008-64
PROJECT/TASK.....9777/01

AFOSR 68-0810
KAROLINSKA INSTITUTET
DISTRIBUTION OF BIOLOGICALLY ACTIVE COMPOUNDS WITHIN THE BODY
OAR ACCESS NO.....008729-004
BY VON EULER U S
DOC NUMBER.....AD668681
INSTR...AF-EOAR -0018-67
PROJECT/TASK.....9777/01

AFOSR 68-0811
GOTEBORGS UNIVERSITET
INFRANEURONAL MECHANISMS FOR INFORMATION STORAGE FINAL REPORT MARCH 1968
OAR ACCESS NO.....004295-001
BY HYDEN H
DOC NUMBER.....AD668563
INSTR...AF-EOAR -0035-67
PROJECT/TASK.....9777/01

AFOSR 68-0812
UNIVERSITY OF EDINBURGH
RESPONSES OF THE VASCULAR SYSTEM IN RELATION TO THE HORMONE BACKGROUND FINAL REPORT OF
OAR ACCESS NO.....009961-003
BY PICKFORD L M
DOC NUMBER.....AD668476
INSTR...AF-EOAR -0017-65
PROJECT/TASK.....9777/01

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UNIVERSITY OF EDINBURGH
AN EXAMINATION OF CERTAIN FACTORS WHICH MIGHT OR DO AFFECT THE VASCULAR RESPONSE TO OXYTOCIN
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OAR ACCESS NO.....009961-004
BY LLOYD S
PICKFORD P
DOC NUMBER.....AD668800
INSTR...AF-EOAR -0017-65
PROJECT/TASK.....9777/01

AFOSR 68-0814
UNIVERSITY OF SOUTHERN CALIFORNIA
ON THE CONTROL OF STOCHASTIC SYSTEMS
INTERN J. CONTROL V6 N2 PP179-188 1967
OAR ACCESS NO.....019740-006
BY SWORDER D D
DOC NUMBER.....AD668602
INSTR...AF-AFOSR-1029-66
PROJECT/TASK.....9749/01

AFOSR 68-0815
NORTH CAROLINA STATE UNIVERSITY
THE STRESS INTENSITY FACTOR FOR A GRIFFITH CRACK IN AN ELASTIC BODY IN WHICH BODY FORCES ARE ACTING
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OAR ACCESS NO.....011593-001
BY SNEDDON I N
TWEED J
DOC NUMBER.....AD668573
INSTR...AF-AFOSR-0466-66
PROJECT/TASK.....9749/01

AFOSR 68-0816
NORTH CAROLINA STATE UNIVERSITY
ON THE FLEXURE OF AN INFINITE ELASTIC PLATE CONTAINING A LARGE UNSTRESSED CIRCULAR HOLE
SIAM J APPL MATH V16 N1 PP109-129 1968
OAR ACCESS NO.....011593-002
BY BURNISTON E E
DOC NUMBER.....AD668571
INSTR...AF-AFOSR-0466-66
PROJECT/TASK.....9749/01

AFOSR 68-0817
TECHNION RSCH & DEVELOPMENT FOUNDATION
NON-BINARY SWITCHING THEORY
OAR ACCESS NO.....011871-001
BY YOELI M
DDC NUMBER.....AD669848
INSTR...AF-EOAR -0021-67
PROJECT/TASK.....9749/01

AFOSR 68-0818
UNIVERSITY OF WASHINGTON
THE FORTRAN DEDUCTIVE SYSTEM
68-1-01
OAR ACCESS NO.....027820-005
BY QUINLAN J R
HUNT E B
DOC NUMBER.....AD676016
INSTR...AF-AFOSR-1311-67
PROJECT/TASK.....9778/01

AFOSR 68-0819
UNIVERSITY OF WASHINGTON
ESTIMATION OF THE NUMBER OF HYPOTHESES IN A CONCEPT LEARNING TASK
PSYCHONOMIC SCIENCE V9 N6 PP311-312 1967
OAR ACCESS NO.....027820-001
BY WELLS H
FONEST J
DOC NUMBER.....AD668615
INSTR...AF-AFOSR-1311-67
PROJECT/TASK.....9778/01

AFOSR 68-0820
UNIVERSITY OF PITTSBURGH
BAND STRUCTURE OF BISMUTH PSEUDOPOTENTIAL APPROACH
PHYSICAL REVIEW V166 N3 PP863-881 10 FEBRUARY 1968
BY GOLIN S
OAR ACCESS NO.....003173-010
DOC NUMBER.....AD668416
INSTR...AF-AFOSR-0196-66
PROJECT/TASK.....9763/03

AFOSR 68-0821
UNIVERSITY OF VIRGINIA
SUPERCONDUCTIVE CURRENT IN A SUPERCONDUCTOR-NORMAL METAL SUPERCONDUCTOR JUNCTION
PHYSICA STATUS SOLIDI V28 PP869-88 1968
BY YEH A H T
MECHETTI H
OAR ACCESS NO.....028120-006
DOC NUMBER.....AD668898
INSTR...AF-AFOSR-1138-66
PROJECT/TASK.....9763/02

AFOSR 68-0822
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
VERY LOW FREQUENCY INTEGRATING VIBRATING SAMPLE MAGNETOMETER /VLFVSM/ WITH HIGH DIFFERENTIAL SENSITIVITY IN HIGH DC FIELDS
THE REVIEW OF SCIENTIFIC INSTRUMENTS V39 N2 PP171-179 FEBRUARY 1968
BY POWER S
MCNIFF E J JR
OAR ACCESS NO.....007918-055
DOC NUMBER.....AD673787
INSTR...AF49620-67-C-0067
PROJECT/TASK.....9764/01

AFOSR 68-0823
UNIVERSITY OF GEORGIA
THE LARGE AND SMALL OF LEARNING
CONTEMPORARY PSYCHOLOGY V13 N1 PP10-12 JANUARY 1968
BY HALL J F
OAR ACCESS NO.....022060-004
DOC NUMBER.....AD666710
INSTR...AF-AFOSR-1099-66
PROJECT/TASK.....9778/01

AFOSR 68-0824
UNIVERSITY OF GEORGIA
ON THE SIGNIFICANCE RELATING ASSOCIATION VALUE /ALPHA/ AND SCALED MEANINGFULNESS /M PRIME/
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BY NOBLE C E
SUTKER P B
JONES M H
OAR ACCESS NO.....022060-003
DOC NUMBER.....AD667104
INSTR...AF-AFOSR-1099-66
PROJECT/TASK.....9778/01

AFOSR 68-0825
UNIVERSITY OF WASHINGTON
A FORMAL DEDUCTIVE PROBLEM-SOLVING SYSTEM
68-1-01
BY QUILLIAN J R
HUNT E B
OAR ACCESS NO.....027820-006
DOC NUMBER.....AD676017
INSTR...AF-AFOSR-1311-67
PROJECT/TASK.....9778/01

AFOSR 68-0826
UNIVERSITY OF KENTUCKY RSCH FOUNDATION
DYNAMIC TEMPERATURE MEASUREMENT DURING AXIAL IMPACT OF ANNEALED ALUMINUM TUBES
BY TAYLOR G T JR
OAR ACCESS NO.....008774-003
DOC NUMBER.....AD670171
INSTR...AF-49(638)-01646
PROJECT/TASK.....9782/01

AFOSR 68-0827
UNIVERSITY OF KENTUCKY RSCH FOUNDATION
DYNAMIC STRAIN CONCENTRATION FACTOR FOR A NOTCH
BY WEAVER D R
OAR ACCESS NO.....008774-004
DOC NUMBER.....AD670172
INSTR...AF-49(638)-01646
PROJECT/TASK.....9782/01

AFOSR 68-0828
PRINCETON UNIVERSITY
DYNAMICAL PROPERTIES OF TRUNCATED BRENER-HERMITE EXPANSIONS
PHYSICS FLUIDS V10 N12 PP2603-2613 DEC 1967
BY URSELL S A
DISSONNETTE L H
OAR ACCESS NO.....019810-003
DOC NUMBER.....AD675008
INSTR...AF-49(638)-01650
PROJECT/TASK.....9781/02

AFOSR 68-0830
COLUMBIA UNIVERSITY
THE PHYSICS AND CHEMISTRY OF GASES AT HIGH TEMPERATURES
FINAL REPORT MARCH 1968
BY KUSCH P
OAR ACCESS NO.....000063-004
DOC NUMBER.....AD673505
INSTR...AF-AFOSR-0330-66
PROJECT/TASK.....9767/01

AFOSR 68-0831
UNIVERSITY OF PITTSBURGH
NUCLEAR SPIN-LATTICE RELAXATION VIA PARAMAGNETIC CENTERS
PHYSICAL REVIEW V166 N2 PP279-291 10 FEBRUARY 1968
BY LOWE I J
TSE D
OAR ACCESS NO.....003173-018
DOC NUMBER.....AD674083
INSTR...AF-AFOSR-0196-66
PROJECT/TASK.....9763/03

AFOSR 68-0832
NORTH CAROLINA STATE UNIVERSITY
THE STRESS INTENSITY FACTOR FOR A PENNY-SHAPED CRACK IN AN ELASTIC BODY UNDER THE ACTION OF SYMMETRIC BODY FORCES
INTERNATIONAL JOURNAL OF FRACTURE MECHANICS V3 N4 PP291-299 DEC 1967
BY SNEDDON I N
TWEED J
OAR ACCESS NO.....011893-003
DOC NUMBER.....AD668582
INSTR...AF-AFOSR-0444-66
PROJECT/TASK.....9749/01

AFOSR 68-0833
UNIVERSITY OF CALIFORNIA
THE DESIGN AND USE OF AN FM/AM RADIOTELEMETRY SYSTEM FOR MULTICHANNEL RECORDING OF BIOLOGICAL DATA
IEEE TRANSACTIONS ON BIO-MEDICAL ENGINEERING VOME-14 N4 PP230-238 OCTOBER 1967
BY ZWEIZIG J M
RADO A T
MANLEY J
ADEY W R
OAR ACCESS NO.....009320-018
DOC NUMBER.....AD673907
INSTR...AF-AFOSR-0081-61
PROJECT/TASK.....9777/01

AFOSR 68-0834
TEL-AVIV UNIVERSITY
SUPPRESSION OF REGGE CUTS AT T 0 DUE TO UNIVERSALITY OF FACTORIZED RESIDUES
PHYSICS LETTERS V26B N2 PP88-90 25 DECEMBER 1967
BY HORWITZ L P
NEEMAN Y
OAR ACCESS NO.....021480-009
DOC NUMBER.....AD668605
INSTR...AF-EOAR -0039-66
PROJECT/TASK.....9781/01

AFOSR 68-0835
CALIFORNIA INSTITUTE OF TECHNOLOGY
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THE CHEMISTRY OF IONIZATION AND EXCITATION PP35-42 1967
BY STEPHENSON L M
WHETTEN D G
HAMMOND G S
OAR ACCESS NO.....018080-009
DOC NUMBER.....AD668870
INSTR...AF-49(638)-01479
PROJECT/TASK.....9762/01

AFOSR 68-0836
UNIVERSITY OF PITTSBURGH
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PHYSICAL REVIEW V166 N2 PP299-302 10 FEBRUARY 1968
BY TSE D
LOWE I J
OAR ACCESS NO.....003172-028
DOC NUMBER.....AD668607
INSTR...AF-AFOSR-0196-63
PROJECT/TASK.....9763/03

AFOSR 68-0837
SPACE SCIENCES INC
THERMAL ESCAPE FROM PLANETARY ATMOSPHERES IN THE PRESSENCE OF A GRAVITATIONAL FIELD
ASTRONAUTICA ACTA V13 N4 PP327-340 1967
BY ZIERING S
HU P N
OAR ACCESS NO.....012391-003
DOC NUMBER.....AD668814
INSTR...AF-49(638)-01666
PROJECT/TASK.....9783/01

AFOSR 68-0838
UNIVERSITY OF TEXAS AT AUSTIN
UTILIZATION OF THE LAMBDA FUNCTIONS IN THE ANALYSIS AND SYNTHESIS OF MONOPULSE ANTENNA DIFFERENCE PATTERNS
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BY POWERS E J
OAR ACCESS NO.....015262-040
DOC NUMBER.....AD668595
INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....9751/00

AFOSR 68-0839
UNIVERSITY OF CALIFORNIA
IDENTIFICATION VIA NON-LINEAR FILTERING
INTERN J CONTROL V6 N5 PP499-522 1967
BY KNOX R M
STUBBEMUD A R
OAR ACCESS NO.....016961-001
DOC NUMBER.....AD668816
INSTR...AF-AFOSR-0699-67
PROJECT/TASK.....9878/01

AFOSR 68-0840
UNIVERSITY OF NORTH CAROLINA
QUANTUM THEORY OF GRAVITY
PHYSICAL REVIEW V160 N5 PP1113-1148 25 AUG 1967
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OAR ACCESS NO.....004974-005
BY DEWITT B S
DDC NUMBER.....AD688388
INSTR...AF-AFOSR-0153-66
PROJECT/TASK.....9767/04

AFOSR 68-0841
UNIVERSITY OF CALIFORNIA
MICROCIRCULATION DYNAMICS
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OAR ACCESS NO.....001376-007
BY FUNG Y C B
DDC NUMBER.....AD668406
INSTR...AF-AFOSR-1186-67
PROJECT/TASK.....9782/01

AFOSR 68-0842
UNIVERSITY OF LEICESTER
METALS IN NON-METALLIC SOLVENTS FINAL REPORT JAN 1968
OAR ACCESS NO.....010671-004
BY SYMONS M C
DDC NUMBER.....AD673502
INSTR...AF-EOAR -0080-66
PROJECT/TASK.....9710/01

AFOSR 68-0843
UNIVERSITA DEGLI STUDI DI GENOVA
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ELECTROENCEPHALOGRAPHY AND CLINICAL NEUROPHYSIOLOGY
SUPPL 26 PP61-69 1967
OAR ACCESS NO.....005924-011
BY CORLETTO F
GENTILOMO A
ROSADINI A
ROSSI G F
ZATTONI J
DDC NUMBER.....AD668878
INSTR...AF-61/052/00901
PROJECT/TASK.....9777/01

AFOSR 68-0845
SPACE SCIENCES INC
UNIFIED SHOCK PROFILE IN A PLASMA
PHYSICS FLUIDS V10 N12 PP2596-2602 DEC 1967
OAR ACCESS NO.....012391-004
BY GRAD H
HU P N
DDC NUMBER.....AD668415
INSTR...AF-49/638/01866
PROJECT/TASK.....9763/01

AFOSR 68-0846
GENERAL DYNAMICS CORP
MOLECULAR BEAM SCATTERING FROM SOLID SURFACES
FUNDAMENTALS OF GAS-SURFACE INTERACTIONS SAN DIEGO CALIF
17-19 DEC 1966 PP370-391 NEW YORK ACADEMIC PRESS 1967
OAR ACCESS NO.....000302-006
BY SMITH J N JR
SALTSBURG H
DDC NUMBER.....AD668569
INSTR...AF-49/638/01435
PROJECT/TASK.....9783/01

AFOSR 68-0847
AERONAUTICAL RSCH ASSOC OF PRINCETON
SOME NUMERICAL SOLUTIONS OF THE ROTATIONAL EULER EQUATIONS
AIAA JOURNAL V6 NO 2 PP320-325 FEB 68
OAR ACCESS NO.....014332-002
BY ROSENBAUM H
DDC NUMBER.....AD668568
INSTR...AF-49/638/01629
PROJECT/TASK.....9781/01

AFOSR 68-0848
UNIVERSITY OF SYDNEY
COMPRESSION OF A RAREFIED PLASMA BY CONVERGING MAGNETIC MIRRORS
PHYSICS FLUIDS V10 N9 PP2049-2053 SEPT 1967
OAR ACCESS NO.....00A253-003
BY BIRD G A
DDC NUMBER.....AD668603
INSTR...AF-AFOSR-0915-65
PROJECT/TASK.....9763/02

AFOSR 68-0849
TEMPLE UNIVERSITY
TABLES OF DISTRIBUTIONS OF QUADRATIC FORMS IN CENTRAL NORMAL VARIABLES I
INST OF STATISTICS MIMEO SERIES NO 543
OAR ACCESS NO.....024180-002
BY JOHNSON N L
KOTZ S
DDC NUMBER.....AD668479
INSTR...AF-AFOSR-1411-66
PROJECT/TASK.....9769/06

AFOSR 68-0850
FLORIDA STATE UNIVERSITY
CALCULATED RAMSAUER-TOWNSEND EFFECT IN ALPHA PARTICLE-ALPHA PARTICLE COLLISIONS
PHYSICAL REVIEW LETTERS V19 PP1001 N18 30 OCT 1967
OAR ACCESS NO.....005115-005
BY ALDRIDGE J P
DAVIS R H
DDC NUMBER.....AD668409
INSTR...AF-AFOSR-0440-67
PROJECT/TASK.....9751/02

AFOSR 68-0851
FLORIDA STATE UNIVERSITY
SOLUTION OF COUPLED EQUATIONS BY R-MATRIX TECHNIQUES
PHYSICAL REVIEW V160 N5 PP719-729 20 AUG 1967
OAR ACCESS NO.....005115-006
BY DUTTLE P J A
DDC NUMBER.....AD668410
INSTR...AF-AFOSR-0440-67
PROJECT/TASK.....9751/02

AFOSR 68-0853
NORTH CAROLINA STATE UNIVERSITY
THE STRESS INTENSITY FACTORS FOR A GRIFFITH CRACK WHOSE SURFACES ARE LOADED ASYMMETRICALLY
OAR ACCESS NO.....011893-005
BY SNEDDON I N
EJIKE B C O
DDC NUMBER.....AD668462
INSTR...AF-AFOSR-0644-66
PROJECT/TASK.....9749/01

AFOSR 68-0854
UNIVERSITY OF ILLINOIS
PROPERTIES OF SOLID SOLUTIONS IN METALS FINAL REPORT MARCH 1968
OAR ACCESS NO.....002823-012
BY WERT C
DDC NUMBER.....AD831436
INSTR...AF-AFOSR-0633-66
PROJECT/TASK.....9763/01

AFOSR 68-0855
BATTELLE MEMORIAL INSTITUTE
THEORY OF FERRIMAGNETISM IN INSULATORS FINAL REPORT MARCH 1968
OAR ACCESS NO.....016600-004
BY KENAN R P
DDC NUMBER.....AD668458
INSTR...AF-AFOSR-0868-66

AFOSR 68-0856
CARNEGIE-MELLON UNIVERSITY
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OAR ACCESS NO.....022900-033
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BY MARSOCCI V A — DOC NUMBER.....AD668799
SIEGEL P — INSTR...AF-AFOSR-1116-68
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BY BOND A H — DOC NUMBER.....AD669105
INSTR...SD -146
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BY FENG P — DOC NUMBER.....AD669145
INSTR...AF-49/638/01104
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HUELSMAN L P
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INSTR...F44620-67-C-0001
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PUCA F M
RIVANO C
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UNIVERSITY OF WASHINGTON
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OAR ACCESS NO.....027820-002
BY HUNT E M
QUINLAN J R
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UNIVERSITY OF OREGON
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DDC NUMBER.....AD668885
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WHITMAN D R
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OAR ACCESS NO.....019210-007
BY CRAWFORD E T
DDC NUMBER.....AD669[illegible]
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OAR ACCESS NO.....006111-006
BY TOMIZUKA C T
DDC NUMBER.....AD671918
INSTR...AF-AFOSR-0105-63
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TEXAS INSTRUMENTS INC
DEFECTS AND THEIR ROLE IN DETERMINING BULK PROPERTIES OF CRYSTALS FINAL REPORT MAY 1968
OAR ACCESS NO.....027700-005
BY HOLTON W C
DDC NUMBER.....AD669814
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UNIVERSITY OF HAWAII
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OAR ACCESS NO.....010622-001
BY BARTOS O J
DDC NUMBER.....AD671537
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PROJECT/TASK.....9779/02

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NEW YORK UNIVERSITY
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OAR ACCESS NO.....017022-003
BY ALEXANDER M
DDC NUMBER.....AD675046
INSTR...AF-AFOSR-0813-67
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CORNELL UNIVERSITY
A LOCALLY-DISTRIBUTED ASSOCIATIVE MEMORY NETWORK
OAR ACCESS NO.....020221-001
BY BARON R J
DDC NUMBER.....AD671492
INSTR...AF-AFOSR-1402-68
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BY EGGEN O J
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PROJECT/TASK.....9774/01

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PRINCETON UNIVERSITY
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OAR ACCESS NO.....016500-015
BY SCHWARZSCHILD M
HAHN R
DDC NUMBER.....AD669549
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BY BLUME R J
EDMONDS D T
DDC NUMBER.....AD669156
INSTR...AF-AFOSR-0249-67
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OXFORD UNIVERSITY
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BY MCPHURY M J
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UNIVERSITY OF OKLAHOMA
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OAR ACCESS NO.....008233-005
BY REID W T
DDC NUMBER.....AD669529
INSTR...AF-AFOSR-0749-65
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NEW YORK UNIVERSITY
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OAR ACCESS NO.....000334-002
BY BOBISUD L
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UNIVERSITY OF HAWAII
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OAR ACCESS NO.....016900-001
BY HOLMES J R
DDC NUMBER.....AD669389
INSTR...AF-AFOSR-0917-65
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BY KAWATRA M P
PATHRIA P K
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BY FONER S
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MCNIFF E J JR
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BY LIFSHBERG G
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UNIVERSITY OF NOTRE DAME
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DDC NUMBER.....AD669157
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INSTR...AF-AFOSR-0772-67
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BY WEINER S
DDC NUMBER.....AD669191
HAMMOND G S
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BY YURKO N J
DDC NUMBER.....AD669185
EDELSON S S
INSTR...AF-AFOSR-1000-66
WILLIAMS J R
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DARLING T H

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TASSO H
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DDC NUMBER.....AD671927
WHINNERY J R
INSTR...AF-AFOSR-0139-67
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POLYTECHNIC INSTITUTE OF BROOKLYN
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OAR ACCESS NO.....019521-010
BY SFORZA P M
DDC NUMBER.....AD671126
INSTR...AF-49(638)01623
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DDC NUMBER.....AD671126
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BY YOUNG A P
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SCHWARTZ C M
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FREUD P J
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BY MATARAZZO J D
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BUREAU OF MINES
THE RHODYNAMIC PROPERTIES OF ORGANIC DERIVATIVES OF THE LIGHTER ELEMENTS
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BY DOUSLIN D R
GOOD W D
PINKE M L
HARRISON R H
GUTHRIE G B
DDC NUMBER.....AD669369
INSTR...ISSA -00007-68
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BY RUBEL L A
TAYLOR B A
DDC NUMBER.....AD669952
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FRYE G
DDC NUMBER.....AD669472
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PROJECT/TASK.....9751/01

AFOSR 68-0988
STANFORD UNIVERSITY
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OAR ACCESS NO.....001024-001
BY KAISER J F
FLUGGE-LOTZ I
DDC NUMBER.....AD669573
INSTR...AF-49(638)-1385
PROJECT/TASK.....9749/01

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UNIVERSIDAD DE BARCELONA
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OAR ACCESS NO.....007563-003
BY GARRIDO L M
OLIVER L
DDC NUMBER.....AD669471
INSTR...AF-EOAR -0017-66
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BY JUGAKU J
SARGENT W L W
DDC NUMBER.....AD669673
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OAR ACCESS NO.....014931-007
BY THOMPSON R C
DDC NUMBER.....AD669674
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UNIVERSITY OF CALIFORNIA
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OAR ACCESS NO.....001374-008
BY FUNG Y C B
DDC NUMBER.....AD669539
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BY SCHADEE A
DDC NUMBER.....AD669548
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BY DROBG W
UJLAKI E
DDC NUMBER.....AD669551
INSTR...AF-61(052)-00845
PROJECT/TASK.....9767/01

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OAR ACCESS NO.....010620-007
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BY MARADUDIN A A
GANESAN S
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DDC NUMBER.....AD669079
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OAR ACCESS NO.....024760-001
BY LEVY P M
LANDAU D P
DDC NUMBER.....AD669961
INSTR...AF-AFOSR-1258-67
PROJECT/TASK.....9761/01

AFOSR 68-0999
KAROLINSKA INSTITUTET
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OAR ACCESS NO.....005725-010
BY VON EULER U S
DDC NUMBER.....AD669553
INSTR...AF-EOAR -0018-67
PROJECT/TASK.....9777/01

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OAR ACCESS NO.....018692-001
BY CANESSA-FISCHER M
VARGAS F
ZAMUDIO I
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INSTR...AF-AFOSR-0788-67
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BY MARADUDIN A A
DDC NUMBER.....AD669959
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OAR ACCESS NO.....016820-003
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BY DRAMON A
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BY CRONIN J C
SEXTON M C
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INSTR...AF-EOAR -0032-67
PROJECT/TASK.....9767/03

AFOSR 68-1008
WASHINGTON STATE UNIVERSITY
INVESTIGATION OF PRECURSOR DECAY IN IRON BY THE ARTIFICIAL VISCOSITY METHOD
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OAR ACCESS NO.....021000-001
BY JOHNSON J N
BAND W
DDC NUMBER.....AD669536
INSTR...AF-AFOSR-1088-66
PROJECT/TASK.....9763/01

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UNIVERSITY OF MARYLAND
MATRIX PRODUCTS AND THE EXPLICIT 3 6 9 AND 12-J COEFFICIENTS OF THE REGULAR PRESENTATION OF SU-N
JOURNAL OF MATHEMATICAL PHYSICS V8 N11 PP2194-2205 NOV 1967
OAR ACCESS NO.....002223-017
BY KAPLAN L M
RESNIKOFF M
DDC NUMBER.....AD669550
INSTR...AF-AFOSR-0500-66
PROJECT/TASK.....9751/01

AFOSR 68-1007
PRINCETON UNIVERSITY
RADAR THOMSON SCATTER STUDIES OF PHOTOELECTRONS IN THE IONOSPHERE AND LANDAU DAMPING
JOURNAL OF GEOPHYSICAL RESEARCH V73 N1 PP97-110 JAN 1968
OAR ACCESS NO.....016500-024
BY YNGVESSON K O
PERKINS F W
DDC NUMBER.....AD670307
INSTR...AF-49(638)-01555
PROJECT/TASK.....9769/03

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PRINCETON UNIVERSITY
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OAR ACCESS NO.....016500-025
BY HEILES C
DDC NUMBER.....AD670306
INSTR...AF-49(638)-01555
PROJECT/TASK.....9676/03

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TEXAS A&M RESEARCH FOUNDATION
RELATION BETWEEN THE BRUECKNER-FROMBERG AND NOSANOW CLUSTER EXPANSIONS
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OAR ACCESS NO.....017451-003
BY THICKEY S B
DDC NUMBER.....AD669956
INSTR...AF-AFOSR-0918-67
PROJECT/TASK.....9751/02

AFOSR 68-1010
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
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OAR ACCESS NO.....007912-068
BY SCHIEBER M
FONER S
DOCLO R
MCNIFF E J JR
DDC NUMBER.....AD669982
INSTR...F44620-67-C-0047
PROJECT/TASK.....9764/01

AFOSR 68-1011
BRANDEIS UNIVERSITY
POSITIVE DEFINITENESS OF GRAVITATIONAL FIELD ENERGY
PHYSICAL REVIEW LETTERS V20 N2 PP75-78 8 JAN 1968
OAR ACCESS NO.....005154-004
BY BRILL D R
DESER S
DDC NUMBER.....AD669957
INSTR...AF-AFOSR-0308-67
PROJECT/TASK.....9767/04

AFOSR 68-1012
FLORIDA STATE UNIVERSITY
EVIDENCE FOR EXCHANGE EFFECTS IN INELASTIC SCATTERING PROCESSES FROM ANGULAR CORRELATION DATA
NUCLEAR PHYSICS VA107 PP170-176 1968
OAR ACCESS NO.....005115-017
BY EDWARDS S
ASSOUSA G
DDC NUMBER.....AD669960
INSTR...AF-AFOSR-0640-67
PROJECT/TASK.....9751/02

AFOSR 68-1013
INSTITUTE FOR ADVANCED STUDY
CURRENT ALGEBRA AND NONLEPTONIC DECAYS
II NUOVO CIMENTO SERIE V53A PP327-344 21 JANUARY 1968
OAR ACCESS NO.....007783-014
BY LI H C
DDC NUMBER.....AD669765
INSTR...AF-AFOSR-0042-65
PROJECT/TASK.....9751/01

AFOSR 68-1014
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
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OAR ACCESS NO.....007912-066
BY ODER R R
DDC NUMBER.....AD669781
INSTR...F44620-67-C-0047
PROJECT/TASK.....9764/01

AFOSR 68-1015
LUND UNIVERSITY
CONTROL OF VENTRICULAR FIBRILLATION DURING INDUCED HYPOTHERMIA IN CATS AFTER DIFFERENTIAL DEPLETION OF CARDIAC CATECHOLAMINE STORES WITH PRENYLAMINE /SEGONTIN/
CIRCULATION RESEARCH V21 PP45-58 JULY 1967
OAR ACCESS NO.....014362-004
BY NIELSEN K C
OHMAN C
DDC NUMBER.....AD669763
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PROJECT/TASK.....9777/01

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LUND UNIVERSITY
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OAR ACCESS NO.....014362-008
BY ALM P
GEGRELL L
EHINGER B
FALCK B
DDC NUMBER.....AD669764
INSTR...AF-EOAR -0015-67
PROJECT/TASK.....9777/01

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UNIVERSITA DEGLI STUDI DI PARMA
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OAR ACCESS NO.....018633-001
BY AMOUINI A
DDC NUMBER.....AD670308
INSTR...AF-EOAR -0007-67
PROJECT/TASK.....9777/01

AFOSR 68-1018
STANFORD UNIVERSITY
A NUMERICAL SOLUTION FOR THE LAMINAR WAKE BEHIND A FINITE FLAT PLATE
BY PLOTKIN A
FLUGGE-LOTZ I
DDC NUMBER.....AD669581
INSTR...AF-49(638)-01385
PROJECT/TASK.....9749/01

AFOSR 68-1019
AMERICAN MATHEMATICAL SOCIETY
MATHEMATICAL ASPECTS OF COMPUTER SCIENCE PROCEEDINGS OF SYMPOSIA IN APPLIED MATHEMATICS MATHEMATICAL ASPECTS OF COMPUTER SCIENCE NEW YORK 5-7 APR 1966 V19 1967
OAR ACCESS NO.....017261-001
BY SCHWARTZ J T
DDC NUMBER.....AD669507
INSTR...AF-49(638)-01667
PROJECT/TASK.....9749/01

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PRINCETON UNIVERSITY
METHOD FOR SOLVING THE KORTEWEG-DEVRIES EQUATION
PHYS REV LETTERS V19 N19 PP1095-1097 6 NOV 67
OAR ACCESS NO.....016300-016
BY GARDNER C S
GREENE J M
KRUSKAL M D
MIURA R M
DDC NUMBER.....AD669667
INSTR...AF-49(638)-01555
PROJECT/TASK.....9767/03

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MASSACHUSETTS INSTITUTE OF TECHNOLOGY
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OAR ACCESS NO.....007912-052
BY KIM D J
DDC NUMBER.....AD669719
INSTR...F44620-67-C-0047
PROJECT/TASK.....9764/01

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AMERICAN UNIVERSITY
ON THE PROJECTION OF A SELFADJOINT OPERATOR
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OAR ACCESS NO.....001525-003
BY STENGER W
DDC NUMBER.....AD669723
INSTR...AF-AFOSR-1306-67
PROJECT/TASK.....9769/01

AFOSR 68-1025
UNIVERSITY OF CALIFORNIA
ANGULAR SIZE OF 3C 273 A
ASTROPHYSICAL JOURNAL LETTERS V149 PPL181-L182 SEPTEMBER 1967
OAR ACCESS NO.....023110-003
BY CLARK B G — DDC NUMBER.....AD669734
COHEN M H — INSTR...AF-AFOSR-1280-67
JAUNCEY D L — PROJECT/TASK.....9767/02

AFOSR 68-1026
JOHNS HOPKINS UNIVERSITY
ON LIMITS OF RIEMANN SUMS AND THE RANGE OF INTEGRALS
MATH ANNALEN V176 PP208-220 1968
OAR ACCESS NO.....002403-011
BY HARTMAN P — DDC NUMBER.....AD669718
INSTR...AF-49/638/01382
PROJECT/TASK.....9749/01

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UNIVERSITE LIBRE DE BRUXELLES
SEMI-INVARIANTS IN IRREVERSIBLE STATISTICAL MECHANICS
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OAR ACCESS NO.....002083-008
BY BROCAS J — DDC NUMBER.....AD669721
GEORGE C — INSTR...AF-EOAR -0052-66
PROJECT/TASK.....9767/01

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UNIVERSITE LIBRE DE BRUXELLES
LORENTZ TRANSFORMATIONS IN PHASE SPACE AND IN PHYSICAL SPACE
PHYSICA V33 PP581-594 1967
OAR ACCESS NO.....002081-001
BY BALESCU R — DDC NUMBER.....AD669715
KOTERA T — INSTR...AF-61/052/00179
PINA E — PROJECT/TASK.....9767/01

AFOSR 68-1029
UNIVERSITE LIBRE DE BRUXELLES
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OAR ACCESS NO.....002081-002
BY BALESCU R — DDC NUMBER.....AD669714
KOTERA T — INSTR...AF-61/052/00179
PROJECT/TASK.....9767/01

AFOSR 68-1030
GRUMMAN AIRCRAFT ENGINEERING CORP
RESEARCH IN OPTIMIZATION THEORY AND AEROSPACE APPLICATIONS
FINAL REPORT APRIL 1968
OAR ACCESS NO.....013763-010
BY KOPP R E — DDC NUMBER.....AD832238
INSTR...AF-49/638/01512
PROJECT/TASK.....9749/01

AFOSR 68-1031
UNIVERSITY OF MARYLAND
DEGREE OF APPROXIMATION BY RATIONAL FUNCTIONS AND POLYNOMIALS
MICHIGAN MATHEMATICAL JOURNAL V15 PP109-110 1968
OAR ACCESS NO.....021730-008
BY WALSH J L — DDC NUMBER.....AD669702
INSTR...AF-AFOSR-1130-66
PROJECT/TASK.....9749/02

AFOSR 68-1032
PRINCETON UNIVERSITY
RAPIDLY ROTATING STARS II MASSIVE WHITE DWARFS
THE ASTROPHYSICAL JOURNAL V151 N3 PP1089-1098 MARCH 1968
OAR ACCESS NO.....016500-019
BY OSTRIKER J P — DDC NUMBER.....AD669711
BODENHEIMER P — INSTR...AF-49/638/01535
PROJECT/TASK.....9676/03

AFOSR 68-1033
PRINCETON UNIVERSITY
RAPIDLY ROTATING STARS I THE SELF-CONSISTENT-FIELD METHOD
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OAR ACCESS NO.....016500-020
BY OSTRIKER J P — DDC NUMBER.....AD669710
MARK J W K — INSTR...AF-49/638/6 555
PROJECT/TASK.....9767/03

AFOSR 68-1034
VANDERBILT UNIVERSITY
PLASMA FRONT STUDIES FINAL REPORT MARCH 1968
OAR ACCESS NO.....013822-002
BY BARACH J P — DDC NUMBER.....AD669572
INSTR...AF-AFOSR-0287-66
PROJECT/TASK.....9767/03

AFOSR 68-1035
AEROSPACE RESEARCH ASSOCIATES INC
RESEARCH ON HYPERSONIC FLOW OF BLUNT DELTA WINGS PART I THE AND EXPERIMENTAL STUDY OF A 70 DEGREE BLUNT DELTA WING FOR ANGLES OF ATTACK AT SUPERSONIC AND HYPERSONIC SPEEDS FINAL
OAR ACCESS NO.....014641-003
BY NAZELSKY B — DDC NUMBER.....AD673898
CHAO C C — INSTR...F44620-67-C-0038
LIU M K — PROJECT/TASK.....9781/01

AFOSR 68-1036
AEROSPACE RESEARCH ASSOCIATES INC
RESEARCH ON HYPERSONIC FLOW OF BLUNT DELTA WINGS PART II GAP EFFECTS OF A BLUNT SLAB DELTA WING AT MODERATE SUPERSONIC AND HYPERSONIC SPEEDS FINAL REPORT FEB 1968
OAR ACCESS NO.....014641-001
BY NAZELSKY B — DDC NUMBER.....AD673898
CHAO C C — INSTR...F44620-67-C-0038
PROJECT/TASK.....9781/01

AFOSR 68-1037
AEROSPACE RESEARCH ASSOCIATES INC
RESEARCH ON HYPERSONIC FLOW OF BLUNT DELTA WINGS PART III GAP EFFECTS OF A BLUNT SLAB DELTA WING AT MODERATE SUPERSONIC AND HYPERSONIC SPEEDS FINAL REPORT FEB 1968
OAR ACCESS NO.....014641-002
BY NAZELSKY B — DDC NUMBER.....AD673849
CHAO C C — INSTR...F44620-67-C-0038
PROJECT/TASK.....9781/01

AFOSR 68-1038
UNIVERSITY OF MARYLAND
THEORY OF INTERACTING ELEMENTARY EXCITATIONS IN SOLIDS
FINAL REPORT JUNE 1968
OAR ACCESS NO.....003333-031
BY FERRELL R A — DDC NUMBER.....AD676281
PRANGE R E — INSTR...AF-AFOSR-0738-65
PROJECT/TASK.....9761/01

AFOSR 68-1039
BRANDEIS UNIVERSITY
MANY BODY THEORY AND QUANTUM FLUIDS FINAL REPORT JUNE 1968
OAR ACCESS NO.....002012-001
BY GROSS E P — DDC NUMBER.....AD672846
INSTR...AF-AFOSR-0178-66
PROJECT/TASK.....9767/01

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POLYTECHNIC INSTITUTE OF BROOKLYN
1967 INTERNATIONAL SYMPOSIUM ON INFORMATION THEORY SAN REMO ITALY 11-16 SEPTEMBER 1967 /ABSTRACTS OF PAPERS ONLY/
OAR ACCESS NO.....022820-001
BY DRENICK R F — DDC NUMBER.....AD669824
INSTR...F44620-67-C-0037
PROJECT/TASK.....9749/01

AFOSR 68-1041
UNIVERSITY OF VIENNA
DYNAMICS OF LIQUIDS FINAL REPORT DEC 1967
OAR ACCESS NO.....016310-007
BY WEINZIERL P — DDC NUMBER.....AD669817
INSTR...AF-61/052/00865
PROJECT/TASK.....9767/01

AFOSR 68-1042
NORTH CAROLINA STATE UNIVERSITY
BOUNDARY VALUE PROBLEMS FOR WEDGES AND CONES UNDER HEAT CONDUCTION
OAR ACCESS NO.....011593-006
BY DAVIS C A — DDC NUMBER.....AD669835
INSTR...AF-AFOSR-0844-66
PROJECT/TASK.....9749/01

AFOSR 68-1043
UNIVERSITY OF LEYDEN
ON THE RELATIVISTIC DYNAMICS OF POLARIZED SYSTEMS
PHYSICA V37 PP165-181 1967
OAR ACCESS NO.....002052-006
BY VLIEGER J — DDC NUMBER.....AD669732
INSTR...AF-EOAR -0099-62
PROJECT/TASK.....9767/01

AFOSR 68-1044
CORNELL UNIVERSITY
A CORRECTING FEED AT 611 MHZ FOR THE AIO REFLECTOR
IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION PP482-483 MAY 1967
OAR ACCESS NO.....500080-044
BY COHEN M H — DDC NUMBER.....AD669753
PERONA G E — INSTR...AF-49/638/01156
PROJECT/TASK.....2838/00

AFOSR 68-1045
CORNELL UNIVERSITY
RADIO RADIATION FROM NORMAL SPIRAL GALAXIES
THE ASTROPHYSICAL JOURNAL V150 PP413-419 NOVEMBER 1967
OAR ACCESS NO.....500080-045
BY TERZIAN Y
DDC NUMBER.....AD669754
INSTR...AF-49/638/01186
PROJECT/TASK.....2838/00

AFOSR 68-1046
PRINCETON UNIVERSITY
ON THE BLUE END OF THE HORIZONTAL BRANCH IN GLOBULAR CLUSTERS
ASTROPHYSICAL JOURNAL V151 N1 PP389-392 JAN 1968
OAR ACCESS NO.....016500-021
BY HARTWICK F D A
HARM R
SCHWARZSCHILD M
DDC NUMBER.....AD669755
INSTR...AF-49/638/01555
PROJECT/TASK.....9767/03

AFOSR 68-1047
YESHIVA UNIVERSITY
NEW COMPARISON OF THE ANDERSON AND S-D EXCHANGE MODELS
SOLID STATE COMMUNICATIONS V6 N11 PP859-862 1967
OAR ACCESS NO.....005833-011
BY HORWITZ G
FISCHM M
DDC NUMBER.....AD669759
INSTR...AF-AFOSR-0508-66
PROJECT/TASK.....9767/01

AFOSR 68-1048
CORNELL UNIVERSITY
AN UPPER LIMIT TO CURCULARLY POLARIZED RADIATION FROM THE CRAB NEBULA
NATURE V218 N5100 PP493-494 JULY 20 1967
OAR ACCESS NO.....500080-046
BY ANDREW B H
PURTON C R
TERZIAN Y
DDC NUMBER.....AD661729
INSTR...AF-49/638/01156
PROJECT/TASK.....2838/00

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UNIVERSITY OF MIAMI
UNITARY REPRESENTATIONS OF U/2 2/ AND MASSLESS FIELDS
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OAR ACCESS NO.....014180-006
BY KURSUNOGLU B
DDC NUMBER.....AD669872
INSTR...AF-49/638/01760
PROJECT/TASK.....9767/03

AFOSR 68-1050
UNIVERSITY OF ROCHESTER
DEGREE OF HIGHER-ORDER OPTICAL COHERENCE
J MATH PHYSICS V8 N9 PP1798-1807 SEP 1967
OAR ACCESS NO.....004624-002
BY MEHTA C L
DDC NUMBER.....AD669762
INSTR...AF-AFOSR-1404-66
PROJECT/TASK.....9767/02

AFOSR 68-1051
CORNELL UNIVERSITY
AN EVOLUTIONARY SEQUENCE FOR STRONG RADIO SOURCES
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OAR ACCESS NO.....500080-047
BY SIMON M
DRAKE F D
DDC NUMBER.....AD669752
INSTR...AF-49/638/01156
PROJECT/TASK.....2838/00

AFOSR 68-1052
CORNELL UNIVERSITY
NEUTRAL ATMOSPHERIC TEMPERATURES FROM INCOHERENT SCATTER OBSERVATIONS
J OF ATMOSPHERIC SCIENCES V24 N5 PP586-593 SEPTEMBER 1967
OAR ACCESS NO.....500080-048
BY NISBET J S
DDC NUMBER.....AD669730
INSTR...AF-49/638/01156
PROJECT/TASK.....2838/00

AFOSR 68-1053
CORNELL UNIVERSITY
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OAR ACCESS NO.....500080-049
BY SAGAN C
DDC NUMBER.....AD669728
INSTR...AF-49/638/01156
PROJECT/TASK.....2838/00

AFOSR 68-1054
CORNELL UNIVERSITY
CHANGES IN VAN ALLEN RADIATION ASSOCIATED WITH POLAR SUBSTORMS
JOURNAL OF GEOPHYSICAL RESEARCH V72 N23 PP5919-5931 1 DEC 67
OAR ACCESS NO.....500080-050
BY JELLY D
BRICE N
DDC NUMBER.....AD668011
INSTR...AF-49/638/01156
PROJECT/TASK.....2838/00

AFOSR 68-1055
CORNELL UNIVERSITY
BULK MOTION OF THE MAGNETOSPHERE
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OAR ACCESS NO.....500080-051
BY BRICE N M
DDC NUMBER.....AD669681
INSTR...AF-49/638/01156
PROJECT/TASK.....2838/00

AFOSR 68-1056
UNIVERSITY OF ROCHESTER
RELATIVISTIC STATISTICAL MECHANICS AND BLACKBODY RADIATION II SPECTRAL CORRELATIONS
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OAR ACCESS NO.....004624-001
BY EBERLY J H
KUJAWSKI A
DDC NUMBER.....AD668879
INSTR...AF-AFOSR-1404-66
PROJECT/TASK.....9767/02

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UNIVERSITY OF CALIFORNIA
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OAR ACCESS NO.....004614-004
BY SCHWARTZ C
DDC NUMBER.....AD669643
INSTR...AF-AFOSR-0130-66
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UNIVERSITY OF CALIFORNIA
SEQUENTIAL DECAY THEORY AND SEQUENTIAL TRANSITIONS
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OAR ACCESS NO.....004614-005
BY MOWER L
DDC NUMBER.....AD669659
INSTR...AF-AFOSR-0130-66
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AFOSR 68-1059
UNIVERSITY COLLEGE OF NORTH WALES
MICROWAVE SPECTRA AND STRUCTURES OF ISOTHIAZOLE 1 2 4 OXADIAZOLE AND IMIDAZOLE
NATURE V216 N5122 P1301 30 DEC 1967
OAR ACCESS NO.....016950-002
BY GRIFFITHS J H
BARDLEY A
WILLIAMS V E
OWEN N L
SHERIDAN J
DDC NUMBER.....AD669657
INSTR...AF-EOAR -0090-65
PROJECT/TASK.....9767/01

AFOSR 68-1060
CORNELL UNIVERSITY
INERTIAL CONFINEMENT OF EXTENDED RADIO SOURCES
NATURE V216 N5111 PP129-131 14 OCT 1967
OAR ACCESS NO.....007443-016
BY DEYOUNG D S
AXFORD W I
DDC NUMBER.....AD669668
INSTR...AF-49/638/01527
PROJECT/TASK.....9676/02

AFOSR 68-1061
YALE UNIVERSITY
VOLTAGE CONTROLLED ATTENUATOR
THE REVIEW OF SCIENTIFIC INSTRUMENTS V39 N1 PP81-82 JAN 1968
OAR ACCESS NO.....018852-001
BY KENDLMANN P J
DDC NUMBER.....AD669661
INSTR...AF-AFOSR-0626-67
PROJECT/TASK.....9767/02

AFOSR 68-1062
PRINCETON UNIVERSITY
COLLISIONAL DAMPING OF A PLASMA ECHO
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OAR ACCESS NO.....016500-017
BY SU C H
OBERMAN C
DDC NUMBER.....AD669651
INSTR...AF-49/638/01555
PROJECT/TASK.....9767/03

AFOSR 68-1063
UNIVERSITY OF OKLAHOMA
EXCITATION OF THE 4F STATES OF HELIUM
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OAR ACCESS NO.....0000R5-001
BY JOBE J D
ST JOHN R M
DDC NUMBER.....AD669662
INSTR...AF-AFOSR-0252-67
PROJECT/TASK.....9767/02

AFOSR 68-1064
PRINCETON UNIVERSITY
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OAR ACCESS NO.....016500-018
AIHALAS D
STONE M E
DDC NUMBER.....AD669677
INSTR...AF-49/638/01555
PROJECT/TASK.....9676/03

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HIGHER ORDER APPROXIMATIONS IN THE THEORY OF LONGITUDINAL PLASMA OSCILLATIONS
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OAR ACCESS NO.....007643-017
BY RINAUDI F — DDC NUMBER.....AD669682
AXFORD W I — INSTR...AF-49(638)01527
PROJECT/TASK.....9767/02

AFOSR 68-1066
UNIVERSITY OF MARYLAND
THE CONVERGENCE OF SEQUENCES OF RATIONAL FUNCTIONS OF BEST APPROXIMATION III
TRANSACTIONS OF THE AMERICAN MATHEMATICAL SOCIETY V130 N1 PP167-183 JAN 1968
OAR ACCESS NO.....021730-009
BY WALSH J L — DDC NUMBER.....AD669669
INSTR...AF-AFOSR-1130-66
PROJECT/TASK.....9749/02

AFOSR 68-1067
UNIVERSITY OF ARIZONA
THE USES OF SOCIOLOGY IN THE MILITARY ESTABLISHMENT
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OAR ACCESS NO.....011632-001
BY BOWERS R V — DDC NUMBER.....AD669726
INSTR...AF-AFOSR-0091-66
PROJECT/TASK.....9778/02

AFOSR 68-1068
ROYAL UNIVERSITY OF UPPSALA
DERIVATION OF THE PRINCIPLE OF COMPENSATION OF DANGEROUS DIAGRAMS
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OAR ACCESS NO.....023372-007
BY KOBE D H — DDC NUMBER.....AD669669
INSTR...AF-61(052)00874
PROJECT/TASK.....9767/01

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ROYAL UNIVERSITY OF UPPSALA
SIMPLE AMO FUNCTION FOR THE LITHIUM MOLECULE
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OAR ACCESS NO.....023372-004
BY RAI D K — DDC NUMBER.....AD669672
CALAIS J L — INSTR...AF-61(052)00874
PROJECT/TASK.....9767/01

AFOSR 68-1070
UNIVERSITE LIBRE DE BRUXELLES
A UNIFIED FORMULATION OF THE KINETIC EQUATION
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OAR ACCESS NO.....002084-001
BY BALESCU R — DDC NUMBER.....AD669716
INSTR...AF-EOAR -0025-67
PROJECT/TASK.....9767/01

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YESHIVA UNIVERSITY
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OAR ACCESS NO.....005833-012
BY ALEXANDER S — DDC NUMBER.....AD669773
MORWITZ G — INSTR...AF-AFOSR-0508-66
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UNIVERSITY OF MISSOURI
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BY HANSON D L — DDC NUMBER.....AD669771
INSTR...AF-AFOSR-0744-65
PROJECT/TASK.....9749/02

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UNIVERSITY OF WINDSOR
LOWER CASE K SUBSCRIPT J MIXING IN ORIENTED A SUPERSCRIPT 2 P SUBSCRIPT ONE HALF POTASSIUM ATOMS INDUCED BY COLLISIONS WITH INERT GASES
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OAR ACCESS NO.....011113-005
BY GEMOCeSKI W — DDC NUMBER.....AD669760
KRAUSE L — INSTR...AF-AFOSR-0361-67
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UNIVERSIDAD DE BARCELONA
A GROUP THEORETICAL DERIVATION OF MAXWELL EQUATIONS
ANALES DE LA REAL SOCIEDAD ESPANOLA DE FISICA Y QUIMICA SER A V63 N5-6 PP143-146 MAY-JUNE 1967
OAR ACCESS NO.....007563-004
BY OOYA L J — DDC NUMBER.....AD669758
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PROJECT/TASK.....9767/03

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YALE UNIVERSITY
PRESSURE DEPENDENCE OF DIELECTRIC CONSTANT AND DENSITY OF LIQUIDS
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OAR ACCESS NO.....013530-004
BY SKINNER J F — DDC NUMBER.....AD669713
CUSSLER E L — INSTR...AF-AFOSR-0264-63
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OAR ACCESS NO.....021730-010
BY WALSH J L — DDC NUMBER.....AD669701
INSTR...AF-AFOSR-1130-66
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SPECTROGRAPHIC MEASUREMENTS OF ELECTRIC SHOCK TUBE FLOW
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OAR ACCESS NO.....013822-003
BY MARICH J P — DDC NUMBER.....AD669725
HAYES T W — INSTR...AF-AFOSR-0287-66
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LUNELL S — INSTR...AF-61(052)00874
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BY BERMAN R — DDC NUMBER.....AD669761
BOUNDS C L — INSTR...AF61052-67-C-0082
DAY C R — PROJECT/TASK.....9767/01
SAMPLE H H

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TECH REPORT NO 66
OAR ACCESS NO.....000155-002
BY KENNY J J — DDC NUMBER.....AD672267
INSTR...AF-AFOSR-1400-68
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BROOKLYN POLYTECHNIC INSTITUTE OF
AN ALGORITHMIC METHOD FOR ORGANIZING CHECKING EXPERIMENTS
PIBEP68 0006 PIBMRI68-1387
OAR ACCESS NO.....001685-053
BY GUNENC G — DDC NUMBER.....AD678158
INSTR...AF-49(638)01402
PROJECT/TASK.....9751/00

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UNIVERSITY OF TEXAS AT AUSTIN
RELATIVISTICALLY INTERSTREAMING BOUNDED PLASMA INTERACTIONS
OAR ACCESS NO.....015242-067
BY MARTIN G P — DDC NUMBER.....AD672283
LIKUSKI M K — INSTR...AF-AFOSR-0766-67
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UNIVERSITY OF CALIFORNIA
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OAR ACCESS NO.....022780-009
BY MEGHREIER G A — DDC NUMBER.....AD671545
TZUNG F — INSTR...AF-AFOSR-1226-67
PROJECT/TASK.....9782/01

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OAR ACCESS NO.....000103-003
BY VARVATSIS A D
DDC NUMBER.....AD672058
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BY JAUNCEY D L
DDC NUMBER.....AD669894
INSTR...AF-49(638)-01156
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OAR ACCESS NO.....500080-053
BY MEZGER P G
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DDC NUMBER.....AD669887
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OAR ACCESS NO.....500080-054
BY COHEN M H
GUNDERMANN E J
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DDC NUMBER.....AD667432
INSTR...AF-49(638)-01156
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BY BITTER F
DDC NUMBER.....AD661514
INSTR...F44620-67-C-0067
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BY SCHWARTZ R B
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DDC NUMBER.....AD669886
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UNIVERSITY OF CALIFORNIA
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OAR ACCESS NO.....020091-001
BY HAFELINGER G
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BY GRECUS A P
DDC NUMBER.....AD669911
INSTR...AF-EOAR -0025-67
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BY BENEDEK G
NARDELLI G F
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INSTR...AF-EOAR -0009-65
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BY RICE S A
DDC NUMBER.....AD669913
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BY MOBLEY R M
AMATO J J
HUGHES V W
ROTHBERG J E
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DDC NUMBER.....AD669890
INSTR...AF-AFOSR-0249-67
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YALE UNIVERSITY
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OAR ACCESS NO.....012315-005
BY SCULLY M O
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INSTR...AF-AFOSR-0249-67
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PRINCETON UNIVERSITY
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BY OSTRIKER J P
DAVIDSEN A F
DDC NUMBER.....AD669908
INSTR...AF-49(638)-01555
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UNIVERSITY OF ADELAIDE
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BY BLAKE A J
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DDC NUMBER.....AD669968
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UNIVERSITY OF SYDNEY
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OAR ACCESS NO.....013801-001
BY BROWN R H
DAVIS F
ALLEN L R
DDC NUMBER.....AD669912
INSTR...AF-AFOSR-0302-66
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BATTELLE MEMORIAL INSTITUTE
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DDC NUMBER.....AD669940
INSTR...AF-AFOSR-0831-65
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BY KOUNIAS E
DDC NUMBER.....AD669906
INSTR...AF-49(638)-01302
PROJECT/TASK.....9769/02

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MELLON INSTITUTE OF RESEARCH
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MECCANICA V2 N3 PP135-140 SEPTEMBER 1967
OAR ACCESS NO.....015271-009
BY COLEMAN B D
GURTIN M E
DDC NUMBER.....AD669920
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STANFORD UNIVERSITY
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OAR ACCESS NO.....019233-009
BY HORMANDER L
DDC NUMBER.....AD669905
INSTR...AF-49(638)-01345
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YALE UNIVERSITY
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OAR ACCESS NO.....012319-006
BY SARGENT M III — DDC NUMBER.....AD669888
LAMB W E JR — INSTR...AF-AFOSR-0249-67
FORK R L — PROJECT/TASK.....9767/02

AFOSR 68-1106
YALE UNIVERSITY
THEORY OF A ZEEMAN LASER II
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OAR ACCESS NO.....012319-007
BY SARGENT M III — DDC NUMBER.....AD669889
LAMB W E JR — INSTR...AF-AFOSR-0249-67
FORK R L — PROJECT/TASK.....9767/02

AFOSR 68-1107
YALE UNIVERSITY
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OAR ACCESS NO.....012319-008
BY ACKERMANN F — DDC NUMBER.....AD669892
OTTEN E W — INSTR...AF-AFOSR-0249-67
PUTLITZ G Z — PROJECT/TASK.....9767/02
SCHENCK A
ULLRICH S

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PRINCETON UNIVERSITY
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OAR ACCESS NO.....016500-023
BY ORSZAG A — DDC NUMBER.....AD669909
KRUSKAL O — INSTR...AF-49/638/01555
PROJECT/TASK.....9767/03

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WASHINGTON STATE UNIVERSITY
FACTORS AFFECTING THE INITIAL PLASTIC BEHAVIOR OF CLOSE PACKED METAL SINGLE CRYSTALS FINAL REPORT APRIL 1968
OAR ACCESS NO.....016550-001
BY TINDER R F — DDC NUMBER.....AD670228
INSTR...AF-AFOSR-0833-65
PROJECT/TASK.....9763/01

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BY AMOROS J L — DDC NUMBER.....AD669921
MIGUEL A S — INSTR...AF-AFOSR-0596-66
PROJECT/TASK.....9761/02

AFOSR 68-1111
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BY SARACHIK M P — DDC NUMBER.....AD669896
INSTR...AF-AFOSR-0894-67
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UNIVERSITY OF CALIFORNIA
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OAR ACCESS NO.....021070-010
BY SHAM L J — DDC NUMBER.....AD669915
INSTR...AF-AFOSR-1080-66
PROJECT/TASK.....9763/03

AFOSR 68-1113
WASHINGTON STATE UNIVERSITY
STEADY PROFILE OF A FINITE-AMPLITUDE KINEMATIC WAVE ON A GLACIER
JOURNAL OF GLACICLOGY V7 N49 PP117-119 1968
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BY JOHNSON J N — DDC NUMBER.....AD669914
INSTR...AF-AFOSR-1088-66
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OAR ACCESS NO.....017510-004
BY SHANNON L J — DDC NUMBER.....AD835822
INSTR...AF-49/638/01551
PROJECT/TASK.....9711/01

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UNIVERSITY OF ILLINOIS
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BY SAH C T — DDC NUMBER.....AD669898
SCHRODER D K — INSTR...AF-AFOSR-0710-67
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AFOSR 68-1116
LEHIGH UNIVERSITY
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BY FOWLER W B — DDC NUMBER.....AD669969
INSTR...AF-AFOSR-1276-67
PROJECT/TASK.....9761/01

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STANFORD UNIVERSITY
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BY HOCKNEY R W — DDC NUMBER.....AD670132
INSTR...AF-49/638/01321
PROJECT/TASK.....9767/02

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JOHNS HOPKINS UNIVERSITY
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BY JONES K H — DDC NUMBER.....AD670136
BRELSFORD W M — INSTR...AF-49/638/01382
PROJECT/TASK.....9760/02

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OHIO UNIVERSITY
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OAR ACCESS NO.....016850-011
BY CASSOLA R L — DDC NUMBER.....AD669966
KOSHEL R D — INSTR...AF-AFOSR-0854-65
PROJECT/TASK.....9761/01

AFOSR 68-1120
CORNELL UNIVERSITY
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OAR ACCESS NO.....500000-055
BY CHINONAS G — DDC NUMBER.....AD669974
AXFORD W I — INSTR...AF-49/638/01156
PROJECT/TASK.....2838/00

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OAR ACCESS NO.....500000-057
BY GALKIS S — DDC NUMBER.....AD669975
HAZARD C — INSTR...AF-49/638/01156
SUTTON J — PROJECT/TASK.....2838/00

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STANFORD UNIVERSITY
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OAR ACCESS NO.....000143-004
BY BRACEWELL R N — DDC NUMBER.....AD670133
INSTR...AF-49/638/01378
PROJECT/TASK.....9767/02

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UNIVERSITY OF WINDSOR
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OAR ACCESS NO.....011113-004
BY BERDOWSKI W — DDC NUMBER.....AD669973
SHINER T — INSTR...AF-AFOSR-0361-67
KRAUSE L — PROJECT/TASK.....9767/02

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CORNELL UNIVERSITY
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BY SOTER S — DDC NUMBER.....AD669977
ULRICHS J — INSTR...AF-49/638/01156
PROJECT/TASK.....2838/00

AFOSR 68-1125
CORNELL UNIVERSITY
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OAR ACCESS NO.....500080-058
BY MAHAJAN K K — DDC NUMBER.....AD669972
RAO P B — INSTR...AF-49(638)01156
PRASAD S S — PROJECT.....2838

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CORNELL UNIVERSITY
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OAR ACCESS NO.....500080-059
BY RAO P B — DDC NUMBER.....AD670318
INSTR...AF-49(638)01156
PROJECT/TASK.....2838/00

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CORNELL UNIVERSITY
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OAR ACCESS NO.....500080-060
BY THOMPSON T W — DDC NUMBER.....AD669978
INSTR...AF-49(638)01156
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BY [illegible] — DDC NUMBER.....AD669967
ST JOHN R M — INSTR...AF-AFOSR-3552-67
PROJECT/TASK.....9767/02

AFOSR 68-1129
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SPECTROSCOPIC NATURAL ORBITALS FOR CARBON SUPER IS
THEORET CHIMICA ACTA VF PP243-246 1967
OAR ACCESS NO.....000[illegible]-010
BY SMITH V H JR — DDC NUMBER.....AD669[illegible]
INSTR...AF-49(638)-[illegible]
PROJECT/TASK.....9767/01

AFOSR 68-1130
ROYAL UNIVERSITY OF UPPSALA
S[illegible]/IDENTIFICATION AS A GRADED HILBERT SPACE
A[illegible]NSTATION
AM[illegible] JOURNAL OF PHYSICS V38 N12 PP1959-1959 DEC 1966
OAR ACCESS NO.....[illegible]
BY [illegible] D H — DDC NUMBER.....AD669[illegible]
INSTR...AF-[illegible]-[illegible]
PROJECT/TASK.....9767/01

AFOSR 68-1131
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THEORETICAL RUN-IN GUAT TO RIGID FRICTION AND [illegible]
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OAR ACCESS NO.....[illegible]
BY PURSINI S — DDC NUMBER.....[illegible]
INSTR...AF [illegible]
PROJECT/TASK.....[illegible]

AFOSR 68-1132
UNIVERSITY OF [illegible]
EVALUATION OF T [illegible] AND THE HALF-WIDTH IN THE PYRENE IN B [illegible] SYSTEMS
J CHROMATOGR [illegible] V 34 NUMBER 2 PP257-58 AUG 1968
OAR ACCESS NO.....[illegible]
BY PAPETTI E — DDC NUMBER.....AD[illegible]
[illegible] N — INSTR...AF-[illegible]-[illegible]
PROJECT/TASK.....9761/01

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PURDUE UNIVERSITY
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OAR ACCESS NO.....[illegible]-009
BY BRUCE M I — DDC NUMBER.....AD[illegible]
HARRISON P G — INSTR.....AF [illegible]
WALSH R — PROJECT/TASK.....9761/02
STONE F G A

AFOSR 68-1134
WASHINGTON STATE UNIVERSITY
[illegible]
[illegible]
JOURNAL OF APPLIED [illegible] V39 N1 PP[illegible] JAN [illegible]
BY [illegible] A I — DDC NUMBER.....[illegible]
INSTR...AF [illegible]
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AFOSR 68-1135
OREGON STATE UNIVERSITY
DISCUSSION OF CADIUM 2 PLUS IONS IN SINGLE-CRYSTAL SODIUM CHLORIDE
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OAR ACCESS NO.....011811-003
BY ALLEN C A — DDC NUMBER.....AD669971
IRELAND D T — INSTR...AF-AFOSR-0217-66
FREDERICKS W J — PROJECT/TASK.....9761/02

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UNIVERSITY OF CALIFORNIA
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BY SHAM L J — DDC NUMBER.....AD669985
INSTR...AF-AFOSR-1080-66
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OAR ACCESS NO.....015680-002
BY PERCUS J — DDC NUMBER.....AD670182
INSTR...AF-AFOSR-0945-65
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DUKE UNIVERSITY
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BY COOK R L — DDC NUMBER.....AD669958
KINGSTON E L — INSTR...AF-AFOSR-0493-66
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OAR ACCESS NO.....000130-024
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SEGRE G — INSTR...AF-AFOSR-0232-66
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PROJECT/TASK.....[illegible]

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OAR ACCESS NO.....017851-006
BY [illegible] — DDC NUMBER.....[illegible]
INSTR...AF-[illegible]-[illegible]
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TREFALL H — INSTR...AF-[illegible]
PROJECT/TASK.....[illegible]

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UNIVERSITY OF [illegible]
[illegible] IN THE [illegible]-SOLID N-SALTS
[illegible]
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[illegible] — INSTR...AF-AFOSR-[illegible]
[illegible] — PROJECT/TASK.....9769/02

AFOSR 68-1146
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
BY [illegible] — DDC NUMBER.....[illegible]
[illegible] — INSTR...AF-[illegible]
[illegible] — PROJECT/TASK.....9761/01

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BY SWANSON C A — DOC NUMBER.....AD670181
CLARK G W — INSTR...AF-AFOSR-0379-67
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MCMASTER UNIVERSITY
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BY SMEASBY J S — DOC NUMBER.....AD670330
SMELTZER W W — INSTR...AF-AFOSR-0515-66
JENKINS A E — PROJECT/TASK.....9763/01

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BREEN D L — INSTR...AF-AFOSR-1184-67
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RICE UNIVERSITY
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BY HAYNES R C — DOC NUMBER.....AD669981
ELLIS D V — INSTR...F44620-67-C-0062
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GLENN S W
KURFESS J D

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RICE UNIVERSITY
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ELLIS D V — INSTR...F44620-67-C-0062
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GLENN S W
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UNIVERSITY OF COLORADO
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BY BARUT A O — DOC NUMBER.....AD670305
PHILLIPS G C — INSTR...AF-AFOSR-0030-67
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STANFORD UNIVERSITY
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FLORY P J — INSTR...AF-49(638)01361
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YALE UNIVERSITY
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BY SCHMIDT A — DOC NUMBER.....AD670314
DAVIS J M — INSTR...AF-69(638)01323
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UNIVERSITY OF WISCONSIN
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BY WEST R — DOC NUMBER.....AD669919
ISHIKAWA M — INSTR...AF-AFOSR-1081-66
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STANFORD UNIVERSITY
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BY ONURA J K — DOC NUMBER.....AD669907
INSTR...AF-49(638)01517
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BY PINCHUK B — DOC NUMBER.....AD670279
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BY HART J F — DOC NUMBER.....AD670197
CHENEY E W — INSTR...AF-AFOSR-0467-66
LAWSON C L — PROJECT/TASK.....9749/01
MAEHLY H J
MESZTENYI C K

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SOUTHWEST RESEARCH INSTITUTE
NONDESTRUCTIVE EVALUATION OF METAL FATIGUE
DAR ACCESS NO.....018571-003
BY KUSENBERGER F N — DOC NUMBER.....AD669926
LEONARD B E — INSTR...AF-49(638)01502
FRANCIS P H — PROJECT/TASK.....9782/01
BARTON J R
DONALDSON B L

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FLAME PROPAGATION OVER THE SURFACE OF A PLASTIC FUEL IN AN OXIDIZING ATMOSPHERE FINAL REPORT OCT 1967
DAR ACCESS NO.....013604-001
BY TARIFA C S — DOC NUMBER.....AD670229
TORNALDO P M — INSTR...AF-EOAR -0042-66
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UNIVERSITY OF MICHIGAN
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BY ZANDER A — DOC NUMBER.....AD670320
FORWARD J — INSTR...AF-49(638)01630
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UNIVERSITY OF CALIFORNIA
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BY HAFELINGER G — DOC NUMBER.....AD670275
STREITWIESER A JR — INSTR...AF-AFOSR-1364-68
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OAR ACCESS NO.....015911-002
BY TANNER W P JR
DOC NUMBER.....AD670263
INSTR...AF-49(638)01710
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UNIVERSITY OF MARYLAND
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DOC NUMBER.....AD670640
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BY HOTZKIN T S
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DOC NUMBER.....AD670839
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BY PINKLEMAN D
CHEEN K Y
DOC NUMBER.....AD670863
INSTR...AF-49(638)01621
PROJECT/TASK.....9781/02

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OAR ACCESS NO.....008706-001
BY HOWARD W G
PEDERSON D O
DOC NUMBER.....AD670881
INSTR...AF-AFOSR-0139-67
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UNIVERSITY OF CALIFORNIA
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BY CHEN C T
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UNIVERSITY OF CALIFORNIA
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BY MCDONALD R C
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UNIVERSITY OF CALIFORNIA
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BY MYERS J A
DOC NUMBER.....AD670650
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BY FRANK H
DOC NUMBER.....AD668877
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TECHNION RSCH & DEVELOPMENT FOUNDATION
QUANTITATIVE HIGH TEMPERATURE INFRARED SPECTROSCOPY
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BY OPPENHEIM U P
DOC NUMBER.....AD670589
INSTR...AF-EOAR-0026-67
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UNIVERSITY OF TEXAS AT AUSTIN
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BY SMITH J R JR
HARBOURT C O
DOC NUMBER.....AD670878
INSTR...AF-AFOSR-0760-66
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BY IRGERSON W J
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DOC NUMBER.....AD670705
INSTR...AF-EOAR -0023-65
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UNIVERSITY OF TEXAS AT AUSTIN
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BY CLINE R W
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OAR ACCESS NO.....001574-002
BY GREENBERG J M
MAC CAMY R C
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DOC NUMBER.....AD670490
INSTR...AF-AFOSR-0647-66
PROJECT/TASK.....9749/02

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OAR ACCESS NO.....008705-023
BY DESOER C A
CHEN C T
DOC NUMBER.....AD670693
INSTR...AF-AFOSR-0139-66
PROJECT/TASK.....4751/00

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UNIVERSITY OF CALIFORNIA
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BY PEASE R F W
DOC NUMBER.....AD670885
INSTR...AF-AFOSR-0139-66
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UNIVERSITY OF CALIFORNIA
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OAR ACCESS NO.....008706-007
BY WOOD O R
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DOC NUMBER.....AD670873
INSTR...AF-AFOSR-0139-67
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UNIVERSITY OF CHICAGO
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BY HAZI A U
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DOC NUMBER.....AD670492
INSTR...AF-AFOSR-0781-67
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AFOSR 68-1186
ROYAL UNIVERSITY OF UPPSALA
ON THE CRITERIA FOR THE BEST MODULUROV QUASI-PARTICLE
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OAR ACCESS NO.....023372-011
BY SMITH V H JR
DOC NUMBER.....AD670652
INSTR...AF-61(052)00874
PROJECT/TASK.....9767/01

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INNSBRUCK UNIVERSITY
SOME SIMILARITY TRANSFORMATIONS IN MAGNETOGASDYNAMICS
SCIENTIFIC REPORT NO 93
OAR ACCESS NO.....013751-012
BY CAP F
FLORIANI O
DOC NUMBER.....AD670526
INSTR...F61052-67-C-0014
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BY PETERSON C R — DDC NUMBER.....AD670661
DUCHARME W M — INSTR...AF-49(638)01731
EDWARDS W — PROJECT/TASK.....9778/01

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UNIVERSITA DEGLI STUDI DI PISA
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BY GIORGI E D — DDC NUMBER.....AD670701
INSTR...AF-EOAR -0038-67
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UNIVERSITY OF CALIFORNIA
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BY OLDHAM W G — DDC NUMBER.....AD670647
BAHRAMIAN A — INSTR...AF-AFOSR-0139-66
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UNIVERSITY OF UTAH
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BY RYAN N W — DDC NUMBER.....AD836770
INSTR...AF-AFOSR-0446-65
PROJECT/TASK.....9713/01

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BROOKLYN POLYTECHNIC INSTITUTE OF
OPTIMAL TIME ALLOCATION ON COMPLEX TASKS
OAR ACCESS NO.....001685-050
BY YAGER R R — DDC NUMBER.....AD673891
INSTR...AF-49(638)01402
PROJECT/TASK.....4751/00

AFOSR 68-1193
CALIFORNIA INSTITUTE OF TECHNOLOGY
THE RESOLUTION OF THE THERMODYNAMIC PARADOX AND THE THEORY
OF GUIDED WAVE PROPAGATION IN ANISOTROPIC MEDIA
OAR ACCESS NO.....000153-001
BY MASTIK A V JR — DDC NUMBER.....AD671960
INSTR...AF-AFOSR-1400-66
PROJECT/TASK.....9768/02

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OAR ACCESS NO.....017230-005
BY HORTON W H — DDC NUMBER.....AD676282
BAILEY S C — INSTR...AF-49(638)01495
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UNIVERSITY OF SHEFFIELD
EXPERIMENTAL TECHNIQUES FOR SUPERSONIC COMBUSTION
RESEARCH IN A SHOCK TUNNEL
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BY SMITHENMAN J — DDC NUMBER.....AD670610
PARSONS R J — INSTR...AF-EOAR -0005-67
PROJECT/TASK.....9711/01

AFOSR 68-1196
UNIVERSITY OF TORONTO
RESEARCH ON PLASMADYNAMICS AND MAGNETOGASDYNAMICS
OAR ACCESS NO.....006525-001
BY LEEUW J H F — INSTR...AF-AFOSR-0566-66
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BY MATULA R A — DDC NUMBER.....AD670836
INSTR...AF-AFOSR-1144-67
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NORTHWESTERN UNIVERSITY
COMPRESSIBLE MAGNETOGASDYNAMIC FREE JET
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OAR ACCESS NO.....006952-005
BY SMITH D C — DDC NUMBER.....AD[illegible]0675
CAMBEL A B — INSTR...AF-AFOSR-0320-63
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MATULA R A — INSTR...AF-AFOSR-1144-67
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BY DRENNAN G A — DDC NUMBER.....AD670836
MATULA R A — INSTR...AF-AFOSR-1144-67
PROJECT/TASK.....9750/02

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AEROCHEM RESEARCH LABS INC
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BY ROSNER D E — DDC NUMBER.....AD670665
INSTR...AF-49(638)01637
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UNIVERSITY CATHOLIQUE DE LOUVAIN
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FORMALDEHYDE OR FORMIC ACID WITH OXYGEN
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OAR ACCESS NO.....001996-002
BY DE WILDE E — DDC NUMBER.....AD670702
TIGGELEN A V — INSTR...AF-EOAR -0044-66
PROJECT/TASK.....9750/02

AFOSR 68-1204
TECHNION RSCH / DEVELOPMENT FOUNDATION
INTEGRATED INTENSITY OF NITRIC OXIDE FUNDAMENTAL
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OAR ACCESS NO.....010743-004
BY OPPENHEIM U P — DDC NUMBER.....AD670699
AVIV Y — INSTR...AF-EOAR -0026-67
SOLOMAN A — PROJECT/TASK.....9750/01

AFOSR 68-1205
COLUMBIA UNIVERSITY
SHOCK WAVES IN PLASMA PHYSICS
OAR ACCESS NO.....009583-013
BY CHU C K — DDC NUMBER.....AD668827
GROSS R A — INSTR...AF-49(638)01634
PROJECT/TASK.....9752/01

AFOSR 68-1206
PURDUE UNIVERSITY
INVESTIGATION OF COMBUSTION CHARACTERISTICS OF A BI-PHASE
ROCKET
OAR ACCESS NO.....005873-002
BY METZER D W — DDC NUMBER.....AD834003
OSBORN J R — INSTR...AF-AFOSR-0753-66
PROJECT/TASK.....9711/01

AFOSR 68-1207
IIT RESEARCH INSTITUTE
ADVANCED OXIDIZER CHEMISTRY
IITRI-C6125-21
OAR ACCESS NO.....015930-010
BY SOLOMON I J — DDC NUMBER.....AD670531
INSTR...AF-49(638)01175
PROJECT/TASK.....9713/02

AFOSR 68-1208
IIT RESEARCH INSTITUTE
CHEMICAL REACTIONS IN MONOTHERMAL FIELDS
OAR ACCESS NO.....009811-001
BY ERIKSON T A — DDC NUMBER.....AD670628
INSTR...F44620-67-C-0036
PROJECT/TASK.....9750/02

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ADVANCED OXIDIZER CHEMISTRY FINAL REPORT APRIL 1968
OAR ACCESS NO.....015930-009
BY SOLOMON I J — DDC NUMBER.....AD670211
INSTR...AF-49(638)01175
PROJECT/TASK.....9713/02

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NORTHWESTERN UNIVERSITY
AN EXPERIMENTAL DETERMINATION OF THE DYNAMIC VISCOSITY OF ATMOSPHERIC ARGON FROM 3900 TO 8500 DEGREES KELVIN
NU-GDL REPORT 8-1-68
OAR ACCESS NO.....006953-001
BY AESCHLIMAN D P
DDC NUMBER.....AD670530
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OAR ACCESS NO.....017420-001
BY LINEVSKY M J
DDC NUMBER.....AD670626
INSTR...AF-49/638/01513
PROJECT/TASK.....9783/02

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OAR ACCESS NO.....008255-002
BY HOWE J A M
GREGORY R L
DDC NUMBER.....AD670[illegible]
INSTR...AF-EOAR -0062[illegible]
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BY GIOVANNINI A
PREDAZZI E
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OAR ACCESS NO.....018641-007
BY GIOVANNINI A
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OAR ACCESS NO.....018641-008
BY PREDAZZI E
SOLIANI G
DDC NUMBER.....AD670461
INSTR...AF-EOAR -0029-66
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OAR ACCESS NO.....018641-009
BY DI LEVA A
PONZANO G
DDC NUMBER.....AD670460
INSTR...AF-EOAR -0029-66
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UNIVERSITA DEGLI STUDI DI TORINO
THE CAUSALITY GROUP
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OAR ACCESS NO.....018641-010
BY BARUCCHI G
TEPPATI G C
DDC NUMBER.....AD670463
INSTR...AF-EOAR -0029-66
PROJECT/TASK.....9751/01

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OAR ACCESS NO.....018641-019
BY BARUCCHI G
DDC NUMBER.....AD670891
INSTR...AF-EOAR -0029-66
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BY ASCOLI R
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DDC NUMBER.....AD670458
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BY TOUZARD R
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DDC NUMBER.....AD670889
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OAR ACCESS NO.....016990-005
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LYONS L E
DDC NUMBER.....AD670265
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BY BROWN R R
WEIR R A
DDC NUMBER.....AD670719
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BY BIRD G A
DDC NUMBER.....AD670581
INSTR...AF-AFOSR-0913-67
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OAR ACCESS NO.....013092-004
BY [illegible] A O
DDC NUMBER.....AD670671
INSTR...AF-AFOSR-0030-67
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PRINCETON UNIVERSITY
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OAR ACCESS NO.....005123-020
BY SCHWARZ J H
DDC NUMBER.....AD670663
INSTR...AF-49/638/01545
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DDC NUMBER.....AD670805
INSTR...AF-49/638/01545
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OAR ACCESS NO.....012391-005
BY ZIERING S
HU P N
DDC NUMBER.....AD670667
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BY DOUSLIN D R — DDC NUMBER.....AD670327
HARRISON R H — INSTR...ISSA -00007-65
MOORE R T — PROJECT/TASK.....9713/02

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BY FUNG Y C B — DDC NUMBER.....AD670495
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BY FRANCIS P H — DDC NUMBER.....AD670686
INSTR...AF-49(638)-1485
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BY PFEIFER R J — DDC NUMBER.....AD670491
HENDRICKS C D — INSTR...AF-AFOSR-0107-66
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BY FU J H M — DDC NUMBER.....AD671210
ONG R S B — INSTR...AF-AFOSR-927-67
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BY JAHODA G — DDC NUMBER.....AD673845
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BY HO C W — DDC NUMBER.....AD670783
RALABANIAN N — INSTR...AF-AFOSR-0139-66
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BY BOITI M — DDC NUMBER.....AD672689
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BY DONINI E — DDC NUMBER.....AD672267
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BY D AURIA R — DDC NUMBER.....AD673266
NAPOLITANO E — INSTR...AF-EOAR -1029-66
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BY SMITH N K — DDC NUMBER.....AD670326
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BY DUVAL A — DDC NUMBER.....AD670703
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BY LASINSKI T — DDC NUMBER.....AD670669
SETTI R L — INSTR...AF-49(638)-01652
PREDAZZI E — PROJECT/TASK.....9751/01

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UNITED AIRCRAFT CORP
VAPOR PHASE COMBUSTION OF BERYLLIUM AND ALUMINUM FINAL REPORT MARCH

OAR ACCESS NO.....013751-001
BY MERKER R B — DDC NUMBER.....AD670529
INSTR...AF-49(638)-01464
PROJECT/TASK.....9750/02

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BY LEVENTHAL J S — DDC NUMBER.....AD670693
LIBBY W F — INSTR...AF-AFOSR-1255-67
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BY LYONS L E — DDC NUMBER.....AD672266
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BY LYONS L E — DDC NUMBER.....AD672268
MORRIS G C — INSTR...AF-AFOSR-1064-65
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UNIVERSITY OF QUEENSLAND
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BY FUJIWARA A — DDC NUMBER.....AD672269
LYONS L E — INSTR...AF-AFOSR-1064-65
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UNIVERSITY OF QUEENSLAND
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MOORE J E — INSTR...AF-AFOSR-0863-65
MORRIS G C — PROJECT/TASK.....9760/02

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BY HARNSEN D M — DOC NUMBER.....AD670670
SETTI R L — INSTR...AF-49/638/01652
ZARRZEWSKI J — PROJECT/TASK.....9751/01
GAJEWSKI W
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BY BATLEY M — DOC NUMBER.....AD670257
LYONS L E — INSTR...AF-AFOSR-C863-65
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BY STEIN F M — DOC NUMBER.....AD670720
MUPPSTUTLER R G — INSTR...AF-AFOSR-0185-67
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BY RUBINI P — DOC NUMBER.....AD670697
INSTR...AF-EOAR-68028-NO
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BY GRIM S O — DOC NUMBER.....AD670691
WHEATLAND D A — INSTR...AF-AFOSR-0782-67
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PRINCETON UNIVERSITY
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BY ABARBANEL H D I — DOC NUMBER.....AD670317
GOLDBERGER M L — INSTR...AF-49/638/01545
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BY BRAUER G M JR — DOC NUMBER.....AD666510
DOUGLAS T B — INSTR...ISSA -00008-65
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BY BOSEMAN L M — DOC NUMBER.....AD670287
INSTR...AF-AFOSR-0042-65
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BY JAFFE A M — DOC NUMBER.....AD670304
INSTR...AF-49/638/01180
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STANFORD RESEARCH INSTITUTE
DETONATION CHARACTERISTICS OF LOW DENSITY GRANULAR MATERIALS

OAR ACCESS NO.....010371-003
BY EVANS M W — DOC NUMBER.....AD834002
REESE B O — INSTR...AF-49/638/01069
SEELY L B — PROJECT/TASK.....9711/01
BLACKBURN J H

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BY MORTON M D — DOC NUMBER.....AD670286
BRUNO P S — INSTR...AF-AFOSR-0897-65
GRAESSER E C — PROJECT/TASK.....9711/01

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PRINCETON UNIVERSITY
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OAR ACCESS NO.....019810-002
BY CRIMINALE W O JR — DOC NUMBER.....AD670528
INSTR...AF-49/638/01656
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UNIVERSITY OF COLORADO
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BY BARUT A O — DOC NUMBER.....AD670277
INSTR...AF-AFOSR-0030-67
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OAR ACCESS NO.....009[illegible]-032
BY [illegible] — DOC [illegible].....AD670285
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CALIFORNIA INSTITUTE OF TECHNOLOGY
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BY RUNDE P M — DOC NUMBER.....AD670319
WILMER S A — INSTR...AF-49/638/01879
HAMMOND G — PROJECT/TASK.....9762/01

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UNIVERSITY OF HULL
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OAR ACCESS NO.....001953-003
BY BALDWIN A N — DOC NUMBER.....AD670271
JACKSON D — INSTR...AF-EOAR -0068-65
WALKER M W — PROJECT/TASK.....9750/02
WEBSTER S J

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OAR ACCESS NO.....006861-058
BY CHANG S J — DOC NUMBER.....AD670310
INSTR...AF-49/638/01380
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UNIVERSITY OF SHEFFIELD
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BY THOMPSON W J — DOC NUMBER.....AD670273
HARRIS D — INSTR...AF-EOAR -0023-65
PROJECT/TASK.....9711/01

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UNIVERSITY OF HULL
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OAR ACCESS NO.....001953-000
BY BALDWIN A N — DOC NUMBER.....AD670270
JACKSON D — INSTR...AF-EOAR -0001-67
WALKER M W — PROJECT/TASK.....9750/02
WEBSTER S J

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CASE WESTERN RESERVE UNIVERSITY
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LECAM L
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INSTR...AF-AFOSR-0741-65
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CRAWFORD G E
DAVIS R H
DDC NUMBER.....AD670663
INSTR...AF-AFOSR-0440-67
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BY YEARGAN J R
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DDC NUMBER.....AD670649
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OAR ACCESS NO.....022900-037
BY MEYER A R
FISCHER P C
DDC NUMBER.....AD670644
INSTR...SD -146
PROJECT/TASK.....9718/00

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FLORIDA STATE UNIVERSITY
ISOBARIC ANALOG STATES IN HEAVY NUCLEI V RESONANCES IN 78-90 FROM PROTON INELASTIC SCATTERING
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OAR ACCESS NO.....005115-020
BY LONG D D
FOX J D
DDC NUMBER.....AD670641
INSTR...AF-AFOSR-0440-67
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RADIO CORP OF AMERICA
AN EVALUATION OF HEURISTICS FOR THRESHOLD-FUNCTION TEST-SYNTHESIS
OAR ACCESS NO.....011880-004
BY WINDER R O
DDC NUMBER.....AD670550
INSTR...AF-49/638/01194
PROJECT/TASK.....9769/05

AFOSR 68-1298
STANFORD UNIVERSITY
EXPERIMENTAL ELECTRODE CURRENT DISTRIBUTIONS IN MHD CHANNELS
SUIPR NO 230
OAR ACCESS NO.....020770-006
BY KURZ J L
DDC NUMBER.....AD670527
INSTR...AF-49/638/01695
PROJECT/TASK.....9752/01

AFOSR 68-1299
UNIVERSITY OF WASHINGTON
WRITEACOURSE AN EDUCATIONAL PROGRAMMING LANGUAGE
OAR ACCESS NO.....027320-003
BY HUNT E B
ZOSEL M
DDC NUMBER.....AD670524
INSTR...AF-AFOSR-1311-67
PROJECT/TASK.....9779/01

AFOSR 68-1300
UNIVERSITY OF WASHINGTON
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OAR ACCESS NO.....009295-004
BY OKEEFE K M
DDC NUMBER.....AD670550
INSTR...AF-AFOSR-0939-67
PROJECT/TASK.....9769/04

AFOSR 68-1301
RADIO CORP OF AMERICA
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OAR ACCESS NO.....011881-001
BY WALTERS D A
DDC NUMBER.....AD670577
INSTR...F44620-68-C-0012
PROJECT/TASK.....9769/05

AFOSR 68-1302
CARNEGIE-MELLON UNIVERSITY
TERMINATION OF ALGORITHMS
OAR ACCESS NO.....022900-038
BY MANNA Z
DDC NUMBER.....AD670858
INSTR...SD -146
PROJECT/TASK.....9718/00

AFOSR 68-1303
RADIO CORP OF AMERICA
AUTOMATIC QUESTION-ANSWERING OF ENGLISH-LIKE QUESTIONS ABOUT SIMPLE DIAGRAMS
OAR ACCESS NO.....011880-005
BY KOCHEN M
DDC NUMBER.....AD670545
INSTR...AF-49/638/01184
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UNIVERSITY OF CALIFORNIA
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BY SILVERMAN L M
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BY KATZMAN H
DONOHUE T
DDC NUMBER.....AD670888
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INNSBRUCK UNIVERSITY
HALL EFFECT ION SLIP AND END EFFECTS IN FARADAY GENERATORS
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OAR ACCESS NO.....013251-013
BY BRESGEN M
FALSER H
DDC NUMBER.....AD672995
INSTR...F61052-67-C-0014
PROJECT/TASK.....9752/01

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UNIVERSITY OF CALIFORNIA
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OAR ACCESS NO.....026070-004
BY LIBBY W F
DDC NUMBER.....AD673028
INSTR...AF-AFOSR-1255-67
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STANFORD UNIVERSITY
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AIAA JOURNAL V6 N3 PP551-553 MAR 1968
OAR ACCESS NO.....014460-008
BY COGLEY A C
VINCENTI W G
GILLES S E
DDC NUMBER.....AD673254
INSTR...AF-49/638/01280
PROJECT/TASK.....9781/01

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OAR ACCESS NO.....017811-002
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MEACHELL H C
DDC NUMBER.....AD671475
INSTR...AF-AFOSR-0922-67
PROJECT/TASK.....9713/01

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DDC NUMBER.....AD671430
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BY SHINE H J
SULLIVAN P D
DDC NUMBER.....AD671431
INSTR...AF-AFOSR-0975-66
PROJECT/TASK.....9762/03

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UNIVERSITY OF MANITOBA
SURFACE STABILIZED FREE RADICALS
OAR ACCESS NO.....019341-001
BY GESSER H D
DDC NUMBER.....AD671928
INSTR...AF-AFOSR-0642-66
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YESHIVA UNIVERSITY
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BY LOUP VERLET
DDC NUMBER.....AD672989
INSTR...AF-AFOSR-0508-66
PROJECT/TASK.....9761/01

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BROWN UNIVERSITY
ON POLE ASSIGNMENT IN MULTI-INPUT CONTROLLABLE LINEAR SYSTEMS
IEEE TRANSACTIONS ON AUTOMATIC CONTROL AC-12 N6 PP660-665 DECEMBER 1967
OAR ACCESS NO.....019592-008
BY WONHAM W M
DDC NUMBER.....AD671360
INSTR...AF-AFOSR-0693-66
PROJECT/TASK.....9769/01

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OAR ACCESS NO.....027470-001
BY KURUSNOGLU B
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OAR ACCESS NO.....020150-003
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DDC NUMBER.....AD673576
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INSTR...AF-49/638/01682
PROJECT/TASK.....9749/02

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UNIVERSITY OF SOUTHERN CALIFORNIA
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OAR ACCESS NO.....021210-006
BY MCGHEE R B
DDC NUMBER.....AD673577
INSTR...AF-AFOSR-1018-66
PROJECT/TASK.....9769/03

AFOSR 68-1321
UNIVERSITY OF UTAH
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OAR ACCESS NO.....014211-002
BY INSKEEP W H
JONES D L
SILFAST W T
EYRING E M
DDC NUMBER.....AD673029
INSTR...AF-AFOSR-0476-66
PROJECT/TASK.....9710/03

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UNIVERSITY OF IDAHO
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OAR ACCESS NO.....012091-004
BY FREEMAN P K
RAYMOND F A
SUTTON J C
KINDLEY W R
DDC NUMBER.....AD673578
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PROJECT/TASK.....9762/02

AFOSR 68-1323
INNSBRUCK UNIVERSITY
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OAR ACCESS NO.....013251-015
BY CAP F
FALSER H
FLORIANI D
FRIEDEL H
HERRNEGGER F
DDC NUMBER.....AD671547
INSTR...F61052-67-C-0014
PROJECT/TASK.....9752/01

AFOSR 68-1324
CASE WESTERN RESERVE UNIVERSITY
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OAR ACCESS NO.....016870-005
BY THOMPSON E D
DDC NUMBER.....AD676015
INSTR...AF-AFOSR-0857-65
PROJECT/TASK.....9761/02

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NORTHWESTERN UNIVERSITY
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IEEE TRANSACTIONS ON AUTOMATIC CONTROL VAC-12 N6 PP740-743 DECEMBER 1967
OAR ACCESS NO.....013361-003
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DDC NUMBER.....AD671388
INSTR...AF-AFOSR-0270-65
PROJECT/TASK.....9749/01

AFOSR 68-1326
INNSBRUCK UNIVERSITY
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OAR ACCESS NO.....013251-014
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FLORIANI D
DDC NUMBER.....AD672996
INSTR...F61052-67-C-0014
PROJECT/TASK.....9752/01

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OAR ACCESS NO.....0118R0-006
BY AMAREL S
DDC NUMBER.....AD670668
INSTR...AF-49(638)-01184
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OAR ACCESS NO.....000063-006
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DDC NUMBER.....AD669679
INSTR...AF-AFOSR-0330-66
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AFOSR 68-1329
HARVARD UNIVERSITY
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OAR ACCESS NO.....004861-059
BY SCHWINGER J
DDC NUMBER.....AD673257
INSTR...AF-49(638)-01380
PROJECT/TASK.....9767/04

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OAR ACCESS NO.....013012-001
BY COBSLETT S R
DDC NUMBER.....AD673032
INSTR...AF-EOAR -0030-67
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AFOSR 68-1332
UNIVERSITY OF CALIFORNIA
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OAR ACCESS NO.....022780-010
BY MAYFEH A
PRAGER W
DDC NUMBER.....AD674001
INSTR...AF-AFOSR-1226-67
PROJECT/TASK.....9782/01

AFOSR 68-1333
BRISTOL UNIVERSITY
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OAR ACCESS NO.....015380-011
BY FATTERSHALL B W
REST A J
GREEN M
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INSTR...AF-61/052/00847
PROJECT/TASK.....9710/02

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UNIVERSITY OF BERGEN
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BY BEWERSDORFF A
KREMSER G
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PROJECT/TASK.....9751/04

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OAR ACCESS NO.....015380-009
BY GREEN M
MAYNE N
STONE F G A
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INSTR...AF-61/052/00847
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BRISTOL UNIVERSITY
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BY BRUCE M I
HARBOURNE D A
WAUGH F
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AFOSR 68-1337
LEHIGH UNIVERSITY
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OAR ACCESS NO.....015351-002
BY GREEN J S
DDC NUMBER.....AD660389
INSTR...AF-AFOSR-0724-66
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JOHNS HOPKINS UNIVERSITY
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OAR ACCESS NO.....016870-014
BY BRELSFORD W M
JONES R H
DDC NUMBER.....AD671565
INSTR...AF-49(638)-01302
PROJECT/TASK.....9749/02

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BROWN UNIVERSITY
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OAR ACCESS NO.....019593-007
BY FALB P L — DDC NUMBER.....AD670889
WOLOVICH W A — INSTR...AF-AFOSR-0693-67
PROJECT/TASK.....9769/01

AFOSR 68-1340
UNIVERSITY OF SOUTHERN CALIFORNIA
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OAR ACCESS NO.....021211-004
BY FRANK A A — DDC NUMBER.....AD670601
INSTR...AF-AFOSR-1018-67
PROJECT/TASK.....9769/03

AFOSR 68-1341
UNIVERSITY OF CALIFORNIA
BRAIN FUNCTION VOLUME V AGGRESSION AND DEFENSE NEURAL MECHANISMS AND SOCIAL PATTERNS UCLA FORUM IN MEDICAL SCIENCES NUMBER 7 - PROCEEDINGS OF THE FIFTH CONFERENCE ON
OAR ACCESS NO.....017870-001
BY CLEMENTE C D — DDC NUMBER.....AD670424
LINDSLEY D B — INSTR...AF-49(638)-01564
PROJECT/TASK.....7164/00

AFOSR 68-1342
UNIVERSITY OF CALIFORNIA
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OAR ACCESS NO.....007703-001
BY LINDSLEY D B — DDC NUMBER.....AD671338
LUMSDAINE A A — INSTR...AF-49(638)-01366
PROJECT/TASK.....7164/00

AFOSR 68-1343
RADIO CORP OF AMERICA
ON THE REPRESENTATION OF LIMITED INFORMATION BY MEANS OF PICTURES TREES AND ENGLISH-LIKE SENTENCES
OAR ACCESS NO.....011880-007
BY KOCHEN M — DDC NUMBER.....AD670555
INSTR...AF-49(638)-01184
PROJECT/TASK.....9769/05

AFOSR 68-1344
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BY LYONS L E — DDC NUMBER.....AD670580
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INSTR...AF-AFOSR-1330-67
PROJECT/TASK.....9777/01

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SEES J E — INSTR...AF-AFOSR-0003-65
PROJECT/TASK.....9767/02

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BELL AEROSYSTEMS CO
ON ADAPTIVE NETS
ELECTRICAL ENGINEERING DEPT SEMINAR UNIV OF TEXAS AUSTIN 18 APRIL 1967
OAR ACCESS NO.....015341-002
BY POWELL F D — DDC NUMBER.....AD658764
INSTR...AF-49(638)-01627
PROJECT/TASK.....9769/04

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UNIVERSITY OF CHICAGO
PROPERTIES OF SIMPLE LIQUIDS
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OAR ACCESS NO.....015001-025
BY RICE S A — DDC NUMBER.....AD670680
INSTR...AF-AFOSR-0781-67
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OAR ACCESS NO.....016840-001
BY ODK J — DDC NUMBER.....AD670892
INSTR...AF-EOAR -0045-65
PROJECT/TASK.....9763/03

AFOSR 68-1350
BELL AEROSYSTEMS CO
THE INFLUENCE OF NETWORK STRUCTURE ON THE PERFORMANCE OF LEARNING SYSTEMS
BAC REPT NO 9500-920089
OAR ACCESS NO.....015341-003
BY GOERNER J G — DDC NUMBER.....AD670845
GERHARDT L A — INSTR...AF-49(638)-01627
DRAKE K W — PROJECT/TASK.....9769/02
CADZOW J A
POWELL F D

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AN ALGORITHM FOR CONSTRUCTING IRREDUCIBLE REALIZATION OF TIME INVARIANT SYSTEMS
JOURNAL OF THE FRANKLIN INSTITUTE V285 N2 PP110-124 FEB 196
OAR ACCESS NO.....015242-054
BY ALBERTSON H D — DDC NUMBER.....AD670696
NOMACK B F — INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....4751/00

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HEBREW UNIVERSITY
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INSTR...AF-EOAR -0018-66
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INSTR...AF-49(638)-01622
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BY DAUERMAN L — DDC NUMBER.....AD670690
SALSER G E — INSTR...AF-49(638)-00173
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NEW YORK UNIVERSITY
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CALIFORNIA INSTITUTE OF TECHNOLOGY
VISCOUS EFFECTS AND HEAT TRANSFER IN SEPARATED FLOWS
OAR ACCESS NO.....007503-002
BY LEES L — DDC NUMBER.....AD670886
INSTR...AF-49(638)-01240
PROJECT/TASK.....9781/02

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ADVANCED KINETICS INC
ACCELERATION OF MICROPARTICLES BY LASER-INDUCED VAPOR EMISSION
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BY BANER H B — DDC NUMBER.....AD673698
JARUZ P J — INSTR...AF-49(638)-01359
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SPARTAN BOOKS NEW YORK 1967 FINAL REPORT JAN 1967
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BY SHAPIRO G — DDC NUMBER.....AD670630
ROGERS M — INSTR...AF-49(638)-01592
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STANFORD UNIVERSITY
FLUCTUATIONS IN A JOSEPHSON JUNCTION
PHYSICAL REVIEW V168 N2 PP475-480 10 APR 68
OAR ACCESS NO.....001793-114
BY FETTER A L — DDC NUMBER.....AD670632
STEPHEN M J — INSTR...AF-49(638)-01389
PROJECT/TASK.....9751/01

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STANFORD UNIVERSITY
COVARIANT THEORY OF THE DISINTEGRATION OF THE DEUTERON BY
PIONS AND PHOTONS AT HIGH ENERGY
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BY GEORGE D J — DDC NUMBER.....AD670633
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STANFORD UNIVERSITY
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BY HENRY G H — DDC NUMBER.....AD670635
INSTR...AF-49(638)-01389
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STANFORD UNIVERSITY
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BY ROSS D K — DDC NUMBER.....AD670634
INSTR...AF-49(638)-01389
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BY MANDELSTAM S — DDC NUMBER.....AD671078
INSTR...AF-AFOSR-0232-66
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GENERAL MASS FORMULA FOR THE NAMBU WAVE EQUATIONS
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BY HERMANN R — DDC NUMBER.....AD671080
INSTR...AF-AFOSR-0232-66
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HYPERSONIC INTERACTIONS NEAR SHARP LEADING EDGES
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OAR ACCESS NO.....019521-012
BY RUBIN S G — DDC NUMBER.....AD670605
LIN T C — INSTR...AF-49(638)-01623
PIERUCCI M — PROJECT/TASK.....9781/01
RUDMAN S

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PATEL M R — INSTR...AF-AFOSR-1081-66
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BY CHAIKEN J M — DDC NUMBER.....AD671103
INSTR...F44620-67-C-0008
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OAR ACCESS NO.....001793-118
BY HARNHILL M V III — DDC NUMBER.....AD671009
INSTR...AF-49(638)-01389
PROJECT/TASK.....9751/01

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HIGHER-ORDER CORRECTIONS TO COLLECTIVE PARTICLE-HOLE
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OAR ACCESS NO.....001793-119
BY HARRETT H R — DDC NUMBER.....AD670697
INSTR...AF-49(638)-01389
PROJECT/TASK.....9751/01

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NORTH CAROLINA STATE UNIVERSITY
A NONLINEAR INTEGRO-DIFFERENTIAL EQUATION ASSOCIATED WITH A
CLASS OF WEDGE PROBLEMS
OAR ACCESS NO.....011593-007
BY EAGLE G M — DDC NUMBER.....AD671168
INSTR...AF-AFOSR-0666-66
PROJECT/TASK.....9749/01

AFOSR 68-1374
CARNEGIE-MELLON UNIVERSITY
EXPLORATIONS OF THE COGNITIVE PROCESSES IN DESIGN
OAR ACCESS NO.....022900-039
BY EASTMAN C M — DDC NUMBER.....AD671158
INSTR...SD -146
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GEORGE WASHINGTON UNIVERSITY
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BY JAMES G S — DDC NUMBER.....AD671169
INSTR...AF-49(638)-01593
PROJECT/TASK.....9752/01

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PROJECT/TASK.....9751/01

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STANFORD UNIVERSITY
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BY ANANTHANARAYANAN R — DDC NUMBER.....AD670966
INSTR...AF-49(638)-01389
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INSTR...AF-49(638)-01620
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FLORIDA STATE UNIVERSITY
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OAR ACCESS NO.....[illegible]
BY ASSOUSA G E — DDC NUMBER.....[illegible]
LASALLE M A — INSTR...AF-[illegible]
AMFIELD C F — PROJECT/TASK.....[illegible]
VAN-RINSVELT H A
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OAR ACCESS NO.....007714-002
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DOC NUMBER.....AD670683
INSTR...AF-AFOSR-0342-66
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NORTHWESTERN UNIVERSITY
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BY SUN C T
ACHENBACH J D
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DOC NUMBER.....AD670676
INSTR...AF-AFOSR-0100-67
PROJECT/TASK.....9782/01

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MASSACHUSETTS INSTITUTE OF TECHNOLOGY
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UNIVERSITY OF MICHIGAN
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OAR ACCESS NO.....020301-001
BY CALAHAN D A
DOC NUMBER.....AD672378
INSTR...AF-AFOSR-1217-67
PROJECT/TASK.....9749/01

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PROJECT/TASK.....9749/01

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BY MONSE S D
DOC NUMBER.....AD671068
INSTR...AF-AFOSR-1367-68
PROJECT/TASK.....9769/02

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BY GUY R K
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HARARY F
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BY HARARY F
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DOC NUMBER.....AD671086
INSTR...AF-AFOSR-0754-65
PROJECT/TASK.....9749/01

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UNIVERSITY OF MICHIGAN
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BY HARARY F
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NORTHWESTERN UNIVERSITY
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PATTERN CLASSIFIER FOR PROBABILISTIC PATTERN CLASSES
PROCEEDINGS OF THE IEEE V56 N3 PP321-322 MARCH 1968
OAR ACCESS NO.....027690-001
BY YAU S S
LIN F T
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INSTR...AFOSR-1292-67
PROJECT/TA 9769/01

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UNIVERSITA DEGLI STUDI DI NAPLES
SMALL PERTURBATION THEORIES FOR SINGLY REACTING MIXTURES
OAR ACCESS NO.....006031-004
BY NAPOLITANO L G
DOC NUMBER.....AD671152
INSTR...AF-61/052/00653
PROJECT/TASK.....9761/02

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UNIVERSITY OF ZURICH
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OAR ACCESS NO.....022640-004
BY SEMENZA G
DOC NUMBER.....AD671513
INSTR...AF-EOAR -1017-67
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AFOSR 68-1399
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OAR ACCESS NO.....001793-122
BY STAUFFER D
FETTER A L
DOC NUMBER.....AD671007
INSTR...AF-49/638/01389
PROJECT/TASK.....9751/01

AFOSR 68-1400
STANFORD UNIVERSITY
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BY WALECKA J D
ZUCKER P A
DOC NUMBER.....AD670998
INSTR...AF-49/638/01389
PROJECT/TASK.....9751/01

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STANFORD UNIVERSITY
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OAR ACCESS NO.....001793-124
BY PETERSON F A
DOC NUMBER.....AD671008
INSTR...AF-49/638/01389
PROJECT/TASK.....9751/01

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STANFORD UNIVERSITY
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OAR ACCESS NO.....001793-125
BY HAHN.LL M Y III
DOC NUMBER.....AD670996
INSTR...AF-49/638/01389
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AFOSR 68-1403
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INSTR...F44620-67-C-0022
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BY RUDIN L A
DDC NUMBER.....AD671057
INSTR...AF-AFOSR-0460-67
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BUREAU OF SOCIAL SCIENCE RESEARCH INC
AN ANNOTATED BIBLIOGRAPHY ON PRISONER INTERROGATION
COMPLIANCE AND RESISTANCE
OAR ACCESS NO.....019210-008
BY HIDERMAN A D
DDC NUMBER.....AD670490
INSTR...AF-49(638)-1344
PROJECT/TASK.....9779/02

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NOTES ON THE PHYSICAL STATE OF THE PRISONER OF WAR AS IT
MAY AFFECT BRAIN FUNCTION
OAR ACCESS NO.....019210-009
BY HINKLE L E JR
DDC NUMBER.....AD671001
INSTR...AF-49(638)-1344
PROJECT/TASK.....9779/02

AFOSR 68-1408
BUREAU OF SOCIAL SCIENCE RESEARCH INC
ROLES--NOT RULES--FOR THE POW
OAR ACCESS NO.....019210-010
BY SCHEIN E H
DDC NUMBER.....AD671003
INSTR...AF-49(638)-1344
PROJECT/TASK.....9779/02

AFOSR 68-1409
BUREAU OF SOCIAL SCIENCE RESEARCH INC
PRISONERS IN THE COLD WAR HOSTAGE ACTORS IN LOYALTY PLAYS
OAR ACCESS NO.....019210-011
BY MALKOFF G
DDC NUMBER.....AD671002
INSTR...AF-49(638)-0.344
PROJECT/TASK.....9779/02

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PRELIMINARY REPORT ON CHINESE COMMUNIST INDOCTRINATION OF
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OAR ACCESS NO.....019210-012
BY LEWIS J W
DDC NUMBER.....AD671004
INSTR...AF-49(638)-1344
PROJECT/TASK.....9779/02

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AFOSR 68-1412
MCMASTER UNIVERSITY
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BY GILLESPIE R J
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PROJECT/TASK.....9710/01

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UNIVERSITY OF THESSALONIKI
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BY HADJIDEMETRIOU J D
DDC NUMBER.....AD671104
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HERNER UNIVERSITY
EFFECTS OF STRESS ON RISK TAKING
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BY LIEBLICH A
DDC NUMBER.....AD671395
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UNIVERSITY OF MINNESOTA
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OAR ACCESS NO.....025680-001
BY SEWRIN D
DDC NUMBER.....AD671488
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PROJECT/TASK.....9749/02

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RENSSELAER POLYTECHNIC INSTITUTE
COMPARISON OF POSITIVE SOLUTIONS OF NONLINEAR EQUATIONS
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BY CHANDRA J
FLEISHMAN B A
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INSTR...AF-49(638)-01661
PROJECT/TASK.....9749/01

AFOSR 68-1419
UNIVERSITA DEGLI STUDI DI PISA
PENETRATION AND INTERACTION OF A TRANSVERSE JET AND A
SUPERSONIC STREAM FINAL REPORT MAY 1968
OAR ACCESS NO.....001035-001
BY PESTALESI F
MARINI M
DDC NUMBER.....AD671508
INSTR...AF-EOAR-0047-65
PROJECT/TASK.....9781/01

AFOSR 68-1420
BOSTON UNIVERSITY
PRODUCTION OF MOLECULAR NITROGEN/A TRIPLET SIGMA/ AND
CARBON MONOXIDE /A TRIPLET PI/ BY MERCURY PHOTOSENSITIZATIO
JOURNAL PHYSICAL CHEMISTRY V72 P1402 1968
OAR ACCESS NO.....014991-001
BY GRANZOW A
HOFFMAN M L
LICHTIN N N
MASON S K
DDC NUMBER.....AD671407
INSTR...AF-AFOSR-0765-67
PROJECT/TASK.....9760/02

AFOSR 68-1421
UNIVERSITY OF MARYLAND
ATOMIZATION AND VAPORIZATION OF A LIQUID SHEET EXPOSED TO A
SUPERSONIC AIRSTREAM
AIAA PROPULSION JOINT SPECIALIST CONF 4TH CLEVELAND OHIO
1-14 JUN 1968
OAR ACCESS NO.....022660-002
BY LUBARD S C
SCHETZ J A
DDC NUMBER.....AD672372
INSTR...AF-AFOSR-1228-67
PROJECT/TASK.....9711/01

AFOSR 68-1422
UNIVERSITY OF CALIFORNIA
EXPERIMENTS ON VORTEX SHEDDING FROM YAWED CIRCULAR CYLINDER
AIAA JOURNAL V6 N5 PP931-933 MAY 1968
OAR ACCESS NO.....024310-001
BY VAN ATTA C W
DDC NUMBER.....AD672420
INSTR...F44620-68-C-0010
PROJECT/TASK.....7921/00

AFOSR 68-1423
CENTRE D ENSEIGNEMENT ET DE RSCH
REGULATION OF RNA SYNTHESIS FINAL REPORT MAY 1968
OAR ACCESS NO.....015401-001
BY LAVALLE R
DDC NUMBER.....AD671520
INSTR...AF-EOAR -0002-67
PROJECT/TASK.....9777/01

AFOSR 68-1424
UNIVERSITY OF BERGEN
PN TIME-TERM SURVEY NORWAY-SCOTLAND 1967 FINAL REPORT MAY
[illegible]
OAR ACCESS NO.....017470-002
BY SORNES A
DDC NUMBER.....AD676679
INSTR...AF-61(052)-00859
PROJECT/TASK.....9714/61

AFOSR 68-1425
UNIVERSITY OF MICHIGAN
SOIC
NATIONS
OAR ACCESS NO.....017970-001
BY KELMAN H C
DDC NUMBER.....AD676677
INSTR...AF-AFOSR-0943-65
PROJECT/TASK.....9779/02

AFOSR 68-1426
STANFORD UNIVERSITY
THEORETICAL STUDIES IN ELEMENTARY PARTICLES NUCLEAR & LOW
TEMPERATURE PHYSICS
OAR ACCESS NO.....001793-126
BY SCHIFF L I
DDC NUMBER.....AD676700
INSTR...AF-49(638)-01389
PROJECT/TASK.....9751/01

AFOSR 68-1427
LATROBE WASHINGTON UNIVERSITY
CONTINGENCY FORCES WITH GIVEN MARGINALS
BIOMETRIKA V55 N1 PP179-184 1968

DAN ACCESS NO.....019121-001
BY IRELAND C T — DOC NUMBER.....AD671454
KULLBACK S — INSTR...AF-AFOSR-1513-68
PROJECT/TASK.....9749/02

AFOSR 68-1428
JOHNS HOPKINS UNIVERSITY
PREDICTION OF A NOISE-DISTORTED MULTIVARIATE NON-STATIONARY SIGNAL
JOURNAL OF APPLIED PROBABILITY V4 N2 PP370-382 AUG 1967

DAN ACCESS NO.....014870-015
BY SCUEL F — DOC NUMBER.....AD671504
INSTR...AF-49(638)-01302
PROJECT/TASK.....9749/02

AFOSR 68-1429
COLUMBIA UNIVERSITY
THEORETICAL SEISMOGRAMS OF TORSIONAL DISTURBANCES EXCITED AT A FOCUS WITHIN A HETEROGENEOUS SPHERICAL EARTH - CASE OF A GUTENBERG-BULLEN A EARTH MODEL
BULLETIN OF THE SEISMOLOGICAL SOCIETY OF AMER V59 N1 PP133-170 FEB 1969

DAN ACCESS NO.....011190-007
BY FANG Y — DOC NUMBER.....AD671442
USAMI T — INSTR...AF-AFOSR-0303-67
LANDISMAN M — PROJECT/TASK.....8652/00

AFOSR 68-1433
CALIFORNIA INSTITUTE OF TECHNOLOGY
SOME REMARKS ON HEAT FLOW AND GRAVITY ANOMALIES
JOURNAL OF GEOPHYSICAL RESEARCH V72 N24 PP6261-6273 15 DEC 1967

DAN ACCESS NO.....012342-035
BY MCKENZIE D P — DOC NUMBER.....AD671461
INSTR...AF-49(638)-01337
PROJECT/TASK.....8652/00

AFOSR 68-1432
UNIVERSITY OF CALIFORNIA
LOVE WAVE SPECTRA AND THE MECHANISM OF THE 1966 PARKFIELD SEQUENCE
BULL SEISM SOC AM V57 N6 PP1245-1257 DEC 1967

DAN ACCESS NO.....013721-007
BY EILSON J — DOC NUMBER.....AD671367
MCEVILLY T V — INSTR...AF-49(638)-01506
PROJECT/TASK.....8652/00

AFOSR 68-1433
BROWN UNIVERSITY
THE KRAKATOA AIR-SEA WAVES AN EXAMPLE OF PULSE PROPAGATION IN COUPLED SYSTEMS
GEOPHYS J V13 PP149-159 1967

DAN ACCESS NO.....022080-001
BY HARKRIDER D — DOC NUMBER.....AD671556
PRESS F — INSTR...AF-49(638)-01693
PROJECT/TASK.....8652/00

AFOSR 68-1434
INSTITUTO GEOGRAFICO Y CATASTRAL
APPROXIMATE MOHOR SLIP VECTOR DIRECTION DETERMINATION FOR IBERIAN NON SHALLOW SHOCKS USING THE POLARIZATION ANGLE FROM TWO LOCAL STATIONS

DAN ACCESS NO.....015960-011
BY MUNUERA J M — DOC NUMBER.....AD671516
INSTR...AF-61(052)-00657
PROJECT/TASK.....9625/03

AFOSR 68-1435
UNIVERSITY OF NEVADA
SPATIAL DISTRIBUTION AND SOURCE MECHANISM OF MICROEARTHQUAKES IN CENTRAL NEVADA
BULLETIN SEISMOLOGICAL SOCIETY AMERICA V57 N6 PP1317-1345 DEC 1967

DAN ACCESS NO.....011472-002
BY STAUDER W — DOC NUMBER.....AD671361
RYALL A — INSTR...AF-AFOSR-0646-66
PROJECT/TASK.....8652/00

AFOSR 68-1436
CALIFORNIA INSTITUTE OF TECHNOLOGY
PARKFIELD EARTHQUAKE OF JUNE 28 1966 MAGNITUDE AND SOURCE MECHANISM
BULL SEIS SOC AM V58 N2 PP683-709 APR 1968

DAN ACCESS NO.....012342-036
BY WU F T — DOC NUMBER.....AD671460
INSTR...AF-49(638)-01337
PROJECT/TASK.....8652/00

AFOSR 68-1437
HARVARD UNIVERSITY
STUDIES IN SOCIAL AND POLITICAL BEHAVIOR AND CHANGE
COMMUNIST CHINA FINAL REPORT JUNE 1968

DAN ACCESS NO.....019140-007
BY VOGEL E F — DOC NUMBER.....AD674074
INSTR...AF-49(638)-01190

AFOSR 68-1438
UNIVERSITY OF OREGON
A TEST OF A TWO-STAGE MODEL OF MAGNITUDE JUDGEMENT
PERCEPTION AND PSYCHOPHYSICS V3 N1B PP25-31 1968

DAN ACCESS NO.....019730-001
BY ATTNEAVE F — DOC NUMBER.....AD671358
CURTIS D W — INSTR...AF-AFOSR-0973-66
HANNINGTON T L — PROJECT/TASK.....9778/01

AFOSR 68-1440
NATIONAL OBSERVATORY OF ATHENS
ON QUANTITATIVE DETERMINATION OF EARTHQUAKE RISK

DAN ACCESS NO.....014870-010
BY G. ENOPOULOS A G — DOC NUMBER.....AD669821
INSTR...AF-61(052)-00803
PROJECT/TASK.....8652/02

AFOSR 68-1442
CALIFORNIA INSTITUTE OF TECHNOLOGY
A TWO-DIMENSIONAL ULTRASONIC MODEL STUDY OF COMPRESSIONAL AND SHEAR-WAVE DIFFRACTION PATTERNS PRODUCED BY A CIRCULAR CAVITY
BULLETIN OF THE SEISMOLOGICAL SOCIETY OF AMERICA V58 N1 PP171-176 FEB 1968

DAN ACCESS NO.....012342-037
BY TENG T L — DOC NUMBER.....AD671464
WU F T — INSTR...AF-49(638)-01337
PROJECT/TASK.....8652/00

AFOSR 68-1443
INSTITUTO GEOGRAFICO Y CATASTRAL
A STUDY OF SEISMICITY ON THE PENINSULA IBERICA AREA

DAN ACCESS NO.....015960-019
BY MUNUERA J M — DOC NUMBER.....AD671514
INSTR...AF-...(052)00657
PROJECT/TASK.....8625/00

AFOSR 68-1444
GEOTECHNICAL CORP
SHORT-PERIOD SEISMIC NOISE FINAL REPORT MAY 1968

DAN ACCESS NO.....011180-002
BY OLIVER E J — DOC NUMBER.....AD671479
INSTR...AF-49(...)-01150
PROJECT/TASK.....8632/92

AFOSR 68-1445
CALIFORNIA INSTITUTE OF TECHNOLOGY
ARRAY MEASUREMENTS OF P VELOCITIES IN THE UPPER MANTLE
JOURNAL OF GEOPHYSICAL RESEARCH V72 N24 PP6309-6325 15 DEC 1967

DAN ACCESS NO.....012342-038
BY JOHNSON L R — DOC NUMBER.....AD671463
INSTR...AF-49(638)-01337
PROJECT/TASK.....8652/00

AFOSR 68-1446
UNIVERSITY OF CALIFORNIA
THE PARKFIELD CALIFORNIA EARTHQUAKES OF 1966
BULL SEISM SOC AM V57 N6 PP1221-1248 DEC 1967

DAN ACCESS NO.....013721-008
BY MCEVILLY T V — DOC NUMBER.....AD671555
OAKUN W M — INSTR...AF-49(638)-01506
CASADAY R M — PROJECT/TASK.....8652/92

AFOSR 68-1447
INSTITUTO GEOGRAFICO Y CATASTRAL
A STUDY OF SEISMICITY ON THE PENINSULA IBERICA AREA FINAL REPORT APRIL 1968

DAN ACCESS NO.....015960-020
BY MUNUERA J M — DOC NUMBER.....AD671518
INSTR...AF-61(052)00657
PROJECT/TASK.....8625/00

AFOSR 68-1448
WESLEYAN UNIVERSITY
TRANSPORT OF HEAT IN A TYPE I SUPERCONDUCTOR BY A MOVING MAGNET
PHYSICS LETTERS V26A N7 PP295-296 26 FEB 1968

DAN ACCESS NO.....019540-003
BY SEAFACA S — DOC NUMBER.....AD671465
THOUSDALE W L — INSTR...AF-AFOSR-0636-68
PROJECT/TASK.....9763/03

AFOSR 68-1449
CALIFORNIA INSTITUTE OF TECHNOLOGY
TRAVEL TIMES APPARENT VELOCITIES AND AMPLITUDES OF HEDY WAVES
BULL SEIS SOC AMER V58 N1 PP339-368 FEB 1968

DAN ACCESS NO.....012342-039
BY JULIAN B R — DOC NUMBER.....AD671368
ANDERSON D L — INSTR...AF-49(638)-01337
PROJECT/TASK.....8652/00

AFOSR 68-1450
CALIFORNIA INSTITUTE OF TECHNOLOGY
THE ANELASTICITY OF THE MANTLE
GEOPHYS J V14 PP135-164 1967
DAR ACCESS NO.....012342-040
BY ANDERSON D L
DOC NUMBER.....AD671369
INSTR...AF-49(638)01337
PROJECT/TASK.....8652/00

AFOSR 68-1451
CALIFORNIA INSTITUTE OF TECHNOLOGY
EXCITATION OF MANTLE RAYLEIGH WAVES OF PERIOD 100 SECONDS AS A FUNCTION OF MAGNITUDE
BULL SEIS SOC OF AM V57 NO PP1359-1389 DEC 1967
DAR ACCESS NO.....012342-041
BY BRUNE J N
KING C Y
DOC NUMBER.....AD671370
INSTR...AF-49(638)01337
PROJECT/TASK.....8652/00

AFOSR 68-1452
COLUMBIA UNIVERSITY
REVISED DATA ON POLYCRYSTALLINE MAGNESIUM OXIDE
JOURNAL OF GEOPHYSICAL RESEARCH V73 NO APRIL 15 1968
PP2837-2838
DAR ACCESS NO.....019280-012
BY SCHREIBER E
ANDERSON O L
DOC NUMBER.....AD671472
INSTR...AF-49(638)01355
PROJECT/TASK.....8652/00

AFOSR 68-1453
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
ROLE OF EXCITON DISPERSION AND EXCITON-MAGNON INTERACTIONS ON THE SHAPE OF MAGNON SIDEBANDS IN STRESSED MANGANESE FLUORIDE
JOURNAL OF APPLIED PHYSICS V39 N2 P1145 1 FEBRUARY 1968
DAR ACCESS NO.....007912-062
BY WEISBUCH A
DIETZ R E
DOC NUMBER.....AD671452
INSTR...F44620-67-C-0047
PROJECT/TASK.....9764/01

AFOSR 68-1454
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
MAGNETIC-FIELD DEPENDENCE OF THE HYPERFINE FIELD AT IRON IN DILUTE IRON-PALLADIUM ALLOYS
JOURNAL OF APPLIED PHYSICS V39 N2 P956 1 FEBRUARY 1968
DAR ACCESS NO.....007912-061
BY BLUM N A
FRANKEL R B
DOC NUMBER.....AD671417
INSTR...F44620-67-C-0047
PROJECT/TASK.....9764/01

AFOSR 68-1455
UNIVERSITY OF MARYLAND
SPECTRUM OF LIGHT DOUBLY SCATTERED BY AN OPALESCENT FLUID
THE PHYSICAL REVIEW V169 N1 PP199-200 5 MAY 1968
DAR ACCESS NO.....003334-001
BY FERRELL R A
DOC NUMBER.....AD671372
INSTR...AF-AFOSR-1469-68
PROJECT/TASK.....9751/01

AFOSR 68-1456
COLUMBIA UNIVERSITY
ON THE DISTRIBUTIONS OF DENSITY AND TEMPERATURE IN THE LOW VELOCITY ZONE
J GEOPHYSICAL RESEARCH V72 N23 PP5649-5653 NOV 15 1967
DAR ACCESS NO.....019280-013
BY THOMSEN L
DOC NUMBER.....AD671373
INSTR...AF-49(638)01355
PROJECT/TASK.....8652/00

AFOSR 68-1457
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
ELECTRONIC INTERACTIONS IN RARE-EARTH METALS
PHYSICAL REVIEW V167 N2 PP545-550 10 MAR 1968
DAR ACCESS NO.....007912-067
BY KIM D J
DOC NUMBER.....AD671456
INSTR...F44620-67-C-0047
PROJECT/TASK.....9764/01

AFOSR 68-1458
UNIVERSITY OF UTAH
OH DIPOLE CENTERS IN ALKALI HALIDES
JOURNAL DE PHYSIQUE C4 SUPPL 8-9 V28 PP120-129 AUG-SEP 1967
DAR ACCESS NO.....021700-001
BY LUTY F
DOC NUMBER.....AD671458
INSTR...AF-AFOSR-1181-66
PROJECT/TASK.....9763/02

AFOSR 68-1459
CASE WESTERN RESERVE UNIVERSITY
TEMPERATURE-DEPENDENT HYPERFINE COUPLING CONSTANTS OF MN2 PLUS IN FLUORIDES
PHYSICS LETTERS V26A NO 12 FEB 1968
DAR ACCESS NO.....022210-001
BY HUANG C Y
REICHART J F
GIGANTE J
DOC NUMBER.....AD671459
INSTR...AF-AFOSR-1145-66
PROJECT/TASK.....9761/01

AFOSR 68-1460
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
TEMPERATURE DEPENDENCE OF THE MAGNETIC FIELD PERIODICITY IN FLUX QUANTIZATION EXPERIMENTS
PHYSICS LETTERS V28A NO PP367-368 11 MARCH 1968
DAR ACCESS NO.....007912-068
BY RESERVEY R
MEYERS L
DOC NUMBER.....AD671457
INSTR...F44620-67-C-0047
PROJECT/TASK.....9764/00

AFOSR 68-1461
INSTITUTE OF OCCUPATIONAL HEALTH
HEAT TRANSFER BELOW 0.2 DEGREES K
PHYSICA V38 PP67-80
DAR ACCESS NO.....021920-001
BY SUOMI M
ANDERSON A C
HOLMSTROM O
DOC NUMBER.....AD671359
INSTR...AF-61(052)00956
PROJECT/TASK.....9763/03

AFOSR 68-1462
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
AXIAL MAGNETIC ANISOTROPY IN THE HEAVIER RARE EARTH SODIUM MOLYBDATES
J APPL PHYS V39 N2 PT2 PP1200-1201 1 FEBRUARY 1968
DAR ACCESS NO.....007912-069
BY HOLMES L
SCHREBER M
DOC NUMBER.....AD671451
INSTR...F44620-67-C-0047
PROJECT/TASK.....9764/01

AFOSR 68-1463
UNIVERSITY OF TEXAS AT AUSTIN
MODEL POTENTIALS FOR THE NOBLE GAS SOLIDS
SOLID STATE COMMUNICATIONS V6 PP227-232 1968
DAR ACCESS NO.....026080-002
BY DE WETTE F W
CUTTERILL H M J
DOC NUMBER.....AD671471
INSTR...AF-AFOSR-1257-67
PROJECT/TASK.....9761/01

AFOSR 68-1464
POLYTECHNIC INSTITUTE OF BROOKLYN
METASTABLE SURFACE STRUCTURE OF THE W(110) FACE
SURFACE SCIENCE V10 N3 PP392-398 JUNE 1968
DAR ACCESS NO.....018660-004
BY JAUDDING R
STERN R M
DOC NUMBER.....AD671468
INSTR...AF-49(638)01369
PROJECT/TASK.....9761/03

AFOSR 68-1465
YESHIVA UNIVERSITY
SINGLE PARTICLE GREENS FUNCTION FOR A ONE-DIMENSIONAL MANY-FERMION SYSTEM
MATH PHYS VN N12 PP2460-2467 DEC 1967
DAR ACCESS NO.....021260-007
BY THEUMANN A
DOC NUMBER.....AD671467
INSTR...AF-AFOSR-1075-66
PROJECT/TASK.....9761/01

AFOSR 68-1466
YESIVA UNIVERSITY
MAGNETIC POLARIZABILITY OF CLOSED SHELLS
PHYSICAL REVIEW LETTERS V20 N15 PP792-795 8 APRIL 1968
DAR ACCESS NO.....021260-008
BY MATTIS D C
DOC NUMBER.....AD671401
INSTR...AF-AFOSR-1075-66
PROJECT/TASK.....9761/01

AFOSR 68-1467
CASE WESTERN RESERVE UNIVERSITY
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DAR ACCESS NO.....022210-002
BY REICHART J F
DOC NUMBER.....AD671360
INSTR...AF-AFOSR-1145-66
PROJECT/TASK.....9763/03

AFOSR 68- 60
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BUCKLING OF DISCRETELY RING STIFFENED CYLINDRICAL SHELLS
ISRAEL JOURNAL OF TECHNOLOGY V6 N1-2 PP125-137 FEB 1968
DAR ACCESS NO.....701328-006
BY SINGER J
MAFIKA B
DOC NUMBER.....AD673034
INSTR...AF-61(052)00905
PROJECT/TASK.....9763/03

AFOSR 68-1469
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
LINEAR CRYSTAL MOMENTUM VALENCE-BAND SPLITTING IN INDIUM ANTIMONIDE
PHYS REV LETTERS V20 N18 PP1003-1007 29 APRIL 1968
DAR ACCESS NO.....007912-056
BY PIDGEON C R
GROVES S H
DOC NUMBER.....AD670787
INSTR...F44620-67-C-0047
PROJECT/TASK.....9764/00

AFOSR 68-1470
INSTITUTE OF OCCUP[illegible]ONAL HEALTH
CALORIMETRIC INVESTIGATION OF HYPERFINE INTERACTIONS IN RARE-EARTH METALS
PHYSICAL REVIEW LETTERS V20 N4 PP194-197 22 JANUARY 1968
OAR ACCESS NO.....021970-002
BY ANDERSON A C — DDC NUMBER.....AD671383
HOLMSTROM B — INSTR...AF-61(052)-956
KRUSIUS M — PROJECT/TASK.....9763/03

AFOSR 68-1471
UNIVERSITY OF UTAH
FARADAY ROTATION OF THE Z SUB 1 CENTER IN KCL
PHYSICAL REVIEW LETTERS V20 N2 PP57-59 8 JAN 1968
OAR ACCESS NO.....021700-002
BY PAUS H — DDC NUMBER.....AD671371
LUTY F — INSTR...AF-AFOSR-1141-66
PROJECT/TASK.....9763/02

AFOSR 68-1472
UNIVERSITY OF CALIFORNIA
THEORY OF I R LATTICE VIBRATION ABSORPTION BY GAP MODES AND RESONANCE MODES IN KI
JOURNAL OF PHYSICS AND CHEM SOLID V29 N3 MAR 1968
OAR ACCESS NO.....021070-012
BY BENEDEK G — DDC NUMBER.....AD671350
NAHADUDIN A A — INSTR...AF-AFOSR-1080-66
PROJECT/TASK.....9763/03

AFOSR 68-1473
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
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PHYS REV V167 N2 PP449-457 10 MARCH 1968
OAR ACCESS NO.....007912-060
BY HOLMES L — DDC NUMBER.....AD671419
SCHIEBER M — INSTR...F44620-67-C-0047
PROJECT/TASK.....3764/01

AFOSR 68-1474
CORNELL UNIVERSITY
SINGLE-CRYSTAL STUDIES OF ELECTRICAL CONDUCTIVITY SEEBECK EFFECT AND HALL VOLTAGE IN SODIUM VANADIUM BRONZE AND A CRYSTAL-FIELD MODEL OF ELECTRON TRANSPORT
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OAR ACCESS NO.....003193-001
BY PERLSTEIN J H — DDC NUMBER.....AD671364
SIENKO M J — INSTR... F-AFOSR-0796-67
PROJECT/TASK.....9761/02

AFOSR 68-1475
BATTELLE MEMORIAL INSTITUTE
PEIERLS-BARRIER MINIMA
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OAR ACCESS NO.....016360-003
BY HUBART H M — DDC NUMBER.....AD671362
INSTR...AF-AFOSR-0831-65
PROJECT/TASK.....9761/01

AFOSR 68-1476
CORNELL UNIVERSITY
CRYSTAL CHEMISTRY OF SODIUM SCANDIUM TITANATE AND ITS ISOMORPHS
INORGANIC CHEMISTRY V7 N1 PP112-118 JAN 1968
OAR ACCESS NO.....003193-002
BY REID A F — DDC NUMBER.....AD671497
WADSLEY A D — INSTR...AF-AFOSR-0796-67
SIENKO M J — PROJECT/TASK.....9761/02

AFOSR 68-1477
CORNELL UNIVERSITY
MAGNETIC ELECTRON SPIN RESONANCE OPTICAL AND STRUCTURAL STUDIES OF THE ISOMORPHOUS SERIES SODIUM SCANDIUM-IRON TITANATE
INORGANIC CHEMISTRY V7 N1 PP119-126 JAN 1968
OAR ACCESS NO.....003193-003
BY REID A F — DDC NUMBER.....AD671365
PERKINS H K — INSTR...AF-AFOSR-0796-67
SIENKO M J — PROJECT/TASK.....9761/02

AFOSR 68-1478
CORNELL UNIVERSITY
MAGNETIC SUSCEPTIBILITY OF BARIUM MOLYBDATE(IV) AND STRONTIUM MOLYBDATE(IV) IN THE RANGE 2-300 DEGREES K
INORGANIC CHEMISTRY V7 N3 PP441-443 MAR 1968
OAR ACCESS NO.....003193-004
BY GOUCHARD C H — DDC NUMBER.....AD671498
SIENKO M J — INSTR...AF-AFOSR-0796-67
PROJECT/TASK.....9761/02

AFOSR 68-1480
CORNELL UNIVERSITY
RESEARCH IN STATISTICS INFORMATION THEORY AND ANALYSIS
FINAL REPORT JULY 1968
OAR ACCESS NO.....001531-001
BY WOLFOWITZ J — DDC NUMBER.....AD671380
INSTR...AF-AFOSR-0396-63
PROJECT/TASK.....9749/02

AFOSR 68-1481
UNIVERSITY OF COLORADO
AN APPROXIMATE MORSE-SARD THEOREM
JOURNAL OF MATHEMATICS AND MECHANICS V17 N11 PP1059-1064 MAY 1968
OAR ACCESS NO.....016420-001
BY EELLS J — DDC NUMBER.....AD671405
KAUPIN J — INSTR...AF-AFOSR-1243-67
PROJECT/TASK.....9749/01

AFOSR 68-1482
UNIVERSITY OF ILLINOIS
AN MOS-ORIENTED INVESTIGATION OF EFFECTIVE MOBILITY THEORY
SOLID STATE ELECTRONICS V11 N3 PP279-290 MAR 1968
OAR ACCESS NO.....003612-013
BY PIERRET R F — DDC NUMBER.....AD671387
SAH C T — INSTR...AF-AFOSR-0718-65
PROJECT/TASK.....9763/02

AFOSR 68-1483
ARIZONA STATE UNIVERSITY
SU(3) SYMMETRY EXCHANGE DEGENERACY AND LORENTZ-POLE CLASSIFICATION OF CONSPIRATOR FAMILIES
PHYSICAL REVIEW LETTERS V20 N20 PP1125-1127 13 MAY 68
OAR ACCESS NO.....027880-001
BY AHMADZADEH A — DDC NUMBER.....AD671802
INSTR...AF-AFOSR-1290-67
PROJECT/TASK.....9767/04

AFOSR 68-1485
INSTITUTO GEOGRAFICO Y CATASTRAL
ON THE USE OF IMPLICIT UNKNOWNS IN THE LEAST SQUARE METHOD
OAR ACCESS NO.....015960-021
BY MORENCOS J — DDC NUMBER.....AD671515
INSTR...AF-61(052)-00657
PROJECT/TASK.....8625/00

AFOSR 68-1487
HARVARD UNIVERSITY
SOCIAL AND CULTURAL ASPECTS OF DEVELOPMENT FINAL REPORT JULY 1968
OAR ACCESS NO.....022040-003
BY INKELES A — DDC NUMBER.....AD673408
INSTR...AF-AFOSR-1094-65
PROJECT/TASK.....9779/02

AFOSR 68-1488
STANFORD UNIVERSITY
CONFORMATIONAL ENERGIES AND CONFIGURATIONAL STATISTICS OF COPOLYPEPTIDES CONTAINING L-PROLINE
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OAR ACCESS NO.....010301-039
BY SCHIMMEL P R — DDC NUMBER.....AD671418
FLORY P J — INSTR...AF-49(638)-01361
PROJECT/TASK.....9760/03

AFOSR 68-1489
PRINCETON UNIVERSITY
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BY TILLER W A DOC NUMBER.....AD684210
INSTR...AF-AFOSR-0731-65
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DDC NUMBER.....AD671963
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TILLER W A
DDC NUMBER.....AD671466
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BY BERGER H
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BY MOYER H G DOC NUMBER.....AD672248
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BY NARADUDIN A A DOC NUMBER.....AD671984
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BY CHIEN K Y DOC NUMBER.....AD678023
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BY KLOSNER J M DOC NUMBER.....AD678139
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BY MACHELL M C DOC NUMBER.....AD681257
HACKMAN E E INSTR...AF-AFOSR-0922-67
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OAR ACCESS NO.....022780-011
BY NACHBAR W DOC NUMBER.....AD681565
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BY TURRO N J — DDC NUMBER.....AD672827
WEISS D S — INSTR...AF-AFOSR-1000-66
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OAR ACCESS NO.....018671-006
BY CHANDRASEKHAR B S — DDC NUMBER.....AD672631
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OAR ACCESS NO.....018671-007
BY WU T M — DDC NUMBER.....AD672632
INSTR...AF-AFOSR-0565-66
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AFOSR 68-1559
NORTHWESTERN UNIVERSITY
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OAR ACCESS NO.....027690-002
BY YAU S S — DDC NUMBER.....AD677026
TANG C K — INSTR...AF-AFOSR-1292-67
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UNIVERSITY OF MARYLAND
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OAR ACCESS NO.....003333-029
BY PHANGE N E — DDC NUMBER.....AD672633
NEE T W — INSTR...AF-AFOSR-0735-65
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UNIVERSITY OF ROCHESTER
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OLECHNA D J — INSTR...AF-AFOSR-0611-67
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OAR ACCESS NO.....014610-029
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TEAGUE R K — INSTR...AF-49(638)-01273
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OAR ACCESS NO.....007971-002
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STEELE W A — INSTR...AF-AFOSR-0118-63
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MASSACHUSETTS INSTITUTE OF TECHNOLOGY
WAKE MEASUREMENTS BEHIND A CONE SUSPENDED MAGNETICALLY IN A MACH NUMBER 6.1 STREAM
TM163
OAR ACCESS NO.....018580-002
BY HROBAND P A — DDC NUMBER.....AD671965
FIRSTON W — INSTR...AF-49(638)-01328
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UNIVERSITY OF CALIFORNIA
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CALIFORNIA INSTITUTE OF TECHNOLOGY
CONSTANT-PRESSURE LAMINAR MIXING OF A SHEAR LAYER WITH A QUIESCENT FLUID
OAR ACCESS NO.....007503-003
BY CHAO C C — DDC NUMBER.....AD671986
INSTR...AF-49(638)-01298
PROJECT/TASK.....9781/02

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STANFORD UNIVERSITY
AN INTEGRAL PREDICTION METHOD FOR TURBULENT BOUNDARY LAYERS USING THE TURBULENT KINETIC ENERGY EQUATION
REPORT NO-21
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BY HIRST E A — DDC NUMBER.....AD671947
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PROJECT/TASK.....9781/02

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OAR ACCESS NO.....007503-004
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INSTR...AF-49(638)-01298
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UNIVERSITY OF NEVADA
ON THE WKB EVALUATION OF VIBRATIONAL TRANSITION PROBABILITIES
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OAR ACCESS NO.....023930-002
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INSTR...AF-AFOSR-1354-68
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IIT RESEARCH INSTITUTE
ADVANCED OXIDIZER CHEMISTRY
IITRI-C6139-I
OAR ACCESS NO.....015931-001
BY SULOMON I J — DDC NUMBER.....AD671974
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UNIVERSITY OF NEVADA
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OAR ACCESS NO.....023930-003
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UNIVERSITY OF MARYLAND
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SIAM REVIEW V10 N2 PP196-207 APRIL 1968
OAR ACCESS NO.....022940-002
BY MACKIE A G — DDC NUMBER.....AD672401
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BY BRUCH C W
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BY KLASSEN D M
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UNIVERSITY OF TORONTO
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DAN ACCESS NO.....011933-004
BY NOAALIN C
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PROJECT/TASK.....9750/02

AFOSR 68-1578
UNIVERSITY OF ROCHESTER
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DAN ACCESS NO.....011110-001
BY LESSEN M
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DESHPANDE N V
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AFOSR 68-1579
UNIVERSITY OF ROCHESTER
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DAN ACCESS NO.....011110-003
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AFOSR 68-1580
UNIVERSITY OF CALIFORNIA
PARTIAL DIFFERENTIAL EQUATIONS OPERATOR THEORY AND
APPLICATIONS
DAN ACCESS NO.....010650-015
BY PROTTER M H
DOC NUMBER.....AD671376
INSTN...AF-AFOSR-0253-64
PROJECT/TASK.....9749/02

AFOSR 68-1581
RADIO CORP OF AMERICA
ON REPRESENTATIONS AND MODELING IN PROBLEM SOLVING AND ON
FUTURE DIRECTIONS FOR INTELLIGENT SYSTEMS
DAN ACCESS NO.....011831-002
BY AMAREL S
DOC NUMBER.....AD671992
INSTN...F30602-67-C-0312
PROJECT/TASK.....9760/05

AFOSR 68-1582
UNIVERSITY OF ROCHESTER
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DESHPANDE N V
INSTN...AF-49(638)-1560
PROJECT/TASK.....9752/01

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DAN ACCESS NO.....020703-054
BY MCCLENNEN W H
DOC NUMBER.....AD671759
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A (M,E) ION PROCEDURE BASED ON THE RESOLUTION METHOD
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5-10 AUGUST 1968
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BY KALLICK N
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INSTN...AF-AFOSR-1127-68
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DAN ACCESS NO.....001193-008
BY SHWANTZ J
DOC NUMBER.....AD672780
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UNIVERSITY OF ROCHESTER
STABILITY OF RELATIVISTIC MAGNETOHYDRODYNAMIC SHOCK WAVES
DAN ACCESS NO.....011110-004
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PROJECT/TASK.....9752/01

AFOSR 68-1588
UNIVERSITY OF TEXAS AT AUSTIN
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DAN ACCESS NO.....019891-005
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UNIVERSITY OF TEXAS AT AUSTIN
PARTIAL RATE FACTORS IN THE NITRATION OF 10-METHYL-10,
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DAN ACCESS NO.....019891-008
BY DEWAR M J S
DOC NUMBER.....AD672360
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INSTN...AF-AFOSR-1050-67
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UNIVERSITY OF TEXAS AT AUSTIN
THE SOLVOLYSIS OF ARYLETHYL P-TOLUENESULFONATES
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DAN ACCESS NO.....019891-007
BY GENTRY M D
DOC NUMBER.....AD672193
DEWAR M J S
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UNIVERSITY OF TEXAS AT AUSTIN
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SATURATED SYSTEMS
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DAN ACCESS NO.....019891-004
BY DEWAR M J S
DOC NUMBER.....AD672161
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INSTN...AF-AFOSR-1050-67
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PRINCETON UNIVERSITY
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DAN ACCESS NO.....020603-012
BY HENRIOTT A W
DOC NUMBER.....AD672612
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UNIVERSITY OF TEXAS AT AUSTIN
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SPECTRA FORMED BY P-TOLUENESULFONIC ESTERS
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DAN ACCESS NO.....019891-009
BY GENTLEY M D
DOC NUMBER.....AD672184
DEWAR M J S
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AFOSR 68-1594
CARNEGIE-MELLON UNIVERSITY
NATURAL LANGUAGE LEARNING BY COMPUTER
DAN ACCESS NO.....020903-041
BY SIKLOSSY L
DOC NUMBER.....AD671917
INSTN...ND -1140
PROJECT/TASK.....9711/00

AFOSR 68-1595
CARNEGIE-MELLON UNIVERSITY
ON CANONICAL FORMS AND SIMPLIFICATION
DAR ACCESS NO.....022900-042
BY CAVINESS B F
DDC NUMBER.....AD671938
INSTR...SD -166
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UNIVERSITY OF TEXAS AT AUSTIN
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DAR ACCESS NO.....019691-010
BY OSWAR M J S
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VENIER C G
DDC NUMBER.....AD672165
INSTR...AF-AFOSR-1050-67
PROJECT/TASK.....9762/01

AFOSR 68-1597
PENNSYLVANIA STATE UNIVERSITY
EULER-LAGRANGE RELATIONSHIP FOR RANDOM DISPERSIVE WAVES
SCIENTIFIC REPORT NO 318
DAR ACCESS NO.....019860-004
BY HOULT D P
DDC NUMBER.....AD673511
INSTR...AF-AFOSR-0778-67
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DAR ACCESS NO.....015291-001
BY MCGEE T M
DDC NUMBER.....AD672166
INSTR...AF-AFOSR-0778-67
PROJECT/TASK.....9760/02

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UNIVERSITY OF PENNSYLVANIA
DESCRIPTION OF AN EXPERIMENT INVESTIGATING TERM RELATIONSHIP... S INTERPRETED BY HUMANS
DAR ACCESS NO.....011942-008
BY MUHING
FRANK
STONE G
DDC NUMBER.....AD671906
INSTR...AF-49(638)-01621
PROJECT/TASK.....9760/01

AFOSR 68-1600
UNIVERSITY OF PENNSYLVANIA
AN EXPERIMENTAL ON-LINE INFORMATION RETRIEVAL SYSTEM
DAR ACCESS NO.....011942-009
BY CAUTIN H
LOWE T C
F RADD
RUBINOFF M
DDC NUMBER.....AD671962
INSTR...AF-49(638)-01621
PROJECT/TASK.....9760/01

AFOSR 68-1602
PENNSYLVANIA STATE UNIVERSITY
THIN RODS AND SHELLS VIEWED AS COSSERAT CONTINUA
MECHANICS OF THE SOLID STATE UNIV OF TORONTO PRESS TORONTO CANADA PP129-142 1965
DAR ACCESS NO.....005206-007
BY JAUNZEMIS W
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INSTR...AF-49(638)-1325
PROJECT/TASK.....9782/01

AFOSR 68-1603
COLUMBIA UNIVERSITY
THERMONUCLEAR IONIZATION WAVE STRUCTURE
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DAR ACCESS NO.....009583-010
BY FULLER A L
GROSS R A
DDC NUMBER.....AD672282
INSTR...AF-49(638)-01678
PROJECT/TASK.....9752/01

AFOSR 68-1604
UNIVERSITY OF PENNSYLVANIA
ON-LINE TYPEWRITER ACCESS TO CLASSIFICATION TABLES ON DRUM STORAGE
DAR ACCESS NO.....011942-010
BY FIGEL M
DDC NUMBER.....AD671978
INSTR...AF-49(638)-01621
PROJECT/TASK.....9760/01

AFOSR 68-1605
STANFORD UNIVERSITY
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DAR ACCESS NO.....020175-002
BY HELLIWELL R A
DDC NUMBER.....AD672336
INSTR...AF-AFOSR-0758-67
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UNIVERSITY OF TEXAS AT AUSTIN
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IEEE TRANSACTIONS ON AUTOMATIC CONTROL VAC-13 N1 PP131-132 FEB 1968
DAR ACCESS NO.....015262-059
BY ALDENTSON M D
WONACK M F
DDC NUMBER.....AD672167
INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....9751/00

AFOSR 68-1607
UNIVERSITY OF TEXAS AT AUSTIN
LOGIC HAZARDS IN THRESHOLD NETWORKS
IEEE TRANSACTIONS ON COMPUTERS VC-17 N3 PP238-251 MAR 1968
DAR ACCESS NO.....015262-060
BY COATES C L
HOWE A M
DDC NUMBER.....AD672168
INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....9751/00

AFOSR 68-1608
GENERAL ELECTRIC COMPANY
INFLUENCE OF CONVECTION ON CURRENT PATTERNS IN NONEQUILIBRIUM PLASMAS
PHYSICS FLUIDS V11 N1 PP98-106 JAN 1968
DAR ACCESS NO.....015631-003
BY SHERMAN A
YEH H
DDC NUMBER.....AD672170
INSTR...AF-49(638)-01609
PROJECT/TASK.....9752/01

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DAR ACCESS NO.....006081-004
BY TREANOR C E
RICH J W
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DDC NUMBER.....AD672180
INSTR...AF-49(638)-01484
PROJECT/TASK.....9781/01

AFOSR 68-1610
UNIVERSITY OF ROCHESTER
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DAR ACCESS NO.....018110-005
BY LESSEN M
ZIEN H M
DDC NUMBER.....AD672151
INSTR...AF-49(638)-01560
PROJECT/TASK.....9752/01

AFOSR 68-1611
UNIVERSITY OF ROCHESTER
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DAR ACCESS NO.....018110-006
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DDC NUMBER.....AD672152
INSTR...AF-49(638)-01560
PROJECT/TASK.....9752/01

AFOSR 68-1612
CARNEGIE-MELLON UNIVERSITY
USING A COMPUTER TO DESIGN COMPUTER INSTRUCTION SETS
DAR ACCESS NO.....022500-043
BY HANLY E M
DDC NUMBER.....AD671930
INSTR...SD -166
PROJECT/TASK.....9718/00

AFOSR 68-1613
UNIVERSITY OF TEXAS AT AUSTIN
LASER INDUCED ELECTRICAL BREAKDOWN AND SHOCK DYNAMICS IN SUPER-HIGH PRESSURE GASES
AIAA FLUID AND PLASMA DYNAMICS CONF SAN FRANCISCO LOS ANGELES CA 29-26 JUN 1968
DAR ACCESS NO.....015262-061
BY DOUGAL A A
ENGLEMAN J M JR
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INSTR...AF-AFOSR-0766-67
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DAR ACCESS NO.....015751-003
BY MATULA R A
DDC NUMBER.....AD672396
INSTR...AF-AFOSR-1148-66
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NORDEN INSTITUTE OF RESEARCH
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DAR ACCESS NO.....015271-010
BY COLEMAN B D
NOLL W
DDC NUMBER.....AD672375
INSTR...AF-AFOSR-0724-66
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AFOSR 68-1616
UNIVERSITY OF MICHIGAN
SINGULAR INTEGRAL EQUATIONS WITH SPECIAL REFERENCE TO BOUNDARY-VALUE PROBLEMS FINAL REPORT JULY 1968
BY HEINS A E
OAR ACCESS NO.....010982-008
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INSTR...AF-AFOSR-0374-65
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AFOSR 68-1617
YALE UNIVERSITY
PRESSURE DEPENDENCE OF ELECTROLYTIC CONDUCTANCE REPORT JULY 1968
BY FUOSS R M
OAR ACCESS NO.....013530-005
DDC NUMBER.....AD672277
INSTR...AF-AFOSR-0244-63
PROJECT/TASK.....9760/02

AFOSR 68-1618
CALIFORNIA UNIVERSITY OF
STRESS WAVE GENERATION IN A TEMPERATURE-DEPENDENT ABSORBING SOLID BY IMPULSIVE ELECTROMAGNETIC RADIATION
BY MEGHREIER G A
TZUNG F
OAR ACCESS NO.....022780-012
DDC NUMBER.....AD678531
INSTR...AF-AFOSR-1226-67
PROJECT/TASK.....9782/01

AFOSR 68-1619
UNIVERSITY OF MIAMI
SYMMETRY PRINCIPLES AT HIGH ENERGY FIFTH CORAL GABLES CONFERENCE JANUARY 24-26 1968 FINAL REPORT JULY 1968
BY PEARLMUTTER A
HURST C A
KURSUNOGLU A
OAR ACCESS NO.....024660-001
INSTR...AF-AFOSR-1432-68
PROJECT/TASK.....9767/04

AFOSR 68-1619
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BY PEARLMUTTER A
HURST C A
KURSUNOGLU A
OAR ACCESS NO.....024660-002
DDC NUMBER.....AD673611
INSTR...AF-AFOSR-1432-68
PROJECT/TASK.....9767/04

AFOSR 68-1620
UNIVERSITY OF NEVADA
A CHEMICAL KINETIC STUDY OF SUBSTITUTION REACTIONS IN COORDINATION COMPOUNDS FINAL REPORT JUNE 1968
BY MACDONALD D J
OAR ACCESS NO.....020050-003
DDC NUMBER.....AD672001
INSTR...AF-AFOSR-0994-66
PROJECT/TASK.....9710/02

AFOSR 68-1621
TECHNION RSCH & DEVELOPMENT FOUNDATION
THE PHYSICAL TENSOR AND APPLICATION
BY KARNI Z
OAR ACCESS NO.....011084-001
DDC NUMBER.....AD673905
INSTR...AF-EOAR-0020-67
PROJECT/TASK.....9767/01

AFOSR 68-1622
DETECTION OF AN AMBIGUOUS VISUAL SIGNAL WHILE IMAGING
BY SEGAL S J
OAR ACCESS NO.....024670-001
DDC NUMBER.....AD673516
INSTR...F44620-68-C-0013
PROJECT/TASK.....9778/01

AFOSR 68-1623
PRESTON AND ASSOCIATES INC
U S VULNERABILITIES AS PORTRAYED IN THE EAST GERMAN TELEVISION FILM PILOTS IN PAJAMAS
BY PRESTON H D
MONROE J L
KAPPA A L
OAR ACCESS NO.....025620-001
DDC NUMBER.....AD683454
INSTR...F44620-68-C-0021
PROJECT/TASK.....9779/01

AFOSR 68-1624
CALIFORNIA UNIVERSITY OF
GENERAL FORMULATION AND NUMERICAL SOLUTION OF REACTION RATE PROBLEMS
BY BURGALIS P
SAWYER R F
OAR ACCESS NO.....025450-006
DDC NUMBER.....AD680043
INSTR...AF-AFOSR-1239-67
PROJECT/TASK.....9750/02

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CALIFORNIA INSTITUTE OF TECHNOLOGY
IS THERE TECHNETIUM IN HR 1105
ASTROPHYSICAL JOURNAL V151N1 PP113-115 APRIL 1968
BY DAVIS D N
OAR ACCESS NO.....000542-002
DDC NUMBER.....AD672677
INSTR...AF-AFOSR-1401-68
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AFOSR 68-1627
PRINCETON UNIVERSITY
POSSIBLE MODEL FOR A RAPIDLY PULSATING RADIO SOURCE
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BY OSTRIKER J P
OAR ACCESS NO.....016500-026
DDC NUMBER.....AD672674
INSTR...AF-49(638)-01555
PROJECT/TASK.....9676/03

AFOSR 68-1628
DUKE UNIVERSITY
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BY KIM M
CLAASSEN H H
PEARSON E
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INSTR...AF-AFOSR-0493-66
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AFOSR 68-1629
CORNELL UNIVERSITY
RESEARCH IN IONOSPHERIC PHYSICS
BY OHAKE F O
OAR ACCESS NO.....500081-008
DDC NUMBER.....AD672834
INSTR...F44620-67-C-0066
PROJECT/TASK.....2838/00

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CORNELL UNIVERSITY
RESEARCH IN IONOSPHERIC PHYSICS
BY OHAKE F O
OAR ACCESS NO.....500081-009
DDC NUMBER.....AD672834
INSTR...F44620-67-C-0066
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BY SCHLESSINGER L
OAR ACCESS NO.....004614-008
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UNIVERSITY OF OREGON
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BY ZIMMERMAN W L
OAR ACCESS NO.....027520-001
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PROJECT/TASK.....9751/02

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UNIVERSITY OF MARYLAND
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OAR ACCESS NO.....002224-001
DDC NUMBER.....AD672679
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BY THOMPSON W C
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BY GOVINDARAJULU Z
OAR ACCESS NO.....015250-006
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BY HOMMERTS W F H M
OAR ACCESS NO.....013211-001
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INSTR...AF-AFOSR-0140-65
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WASHINGTON UNIVERSITY
OBSERVATION OF NUCLEAR-ACOUSTIC-RESONANCE DISPERSION
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OAR ACCESS NO.....015781-002
BY MELCHER R L — DOC NUMBER.....AD672609
ROLEF D I — INSTR...AF-AFOSR-1412-68
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BRANDEIS UNIVERSITY
SIGN OF GRAVITATIONAL ENERGY
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OAR ACCESS NO.....005154-005
BY DRILL D P — DOC NUMBER.....AD672601
DESER S — INSTR...AF-AFOSR-0368-67
FADDEEV L D — PROJECT/TASK.....9767/04

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JONES R H — INSTR...AF-49(638)01302
PROJECT/TASK.....9749/02

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VANDERBILT UNIVERSITY
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BY COLEMAN B D — DOC NUMBER.....AD672594
NOLL W J — INSTR...AF-AFOSR-0728-66
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UNIVERSITY OF COPENHAGEN
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PROCEEDINGS OF THE BERKELEY SYMPOSIUM ON MATHEMATICAL STATISTICS AND PROBABILITY 21 JUNE-18 JUL 65 27 DEC 65-7
OAR ACCESS NO.....000501-001
BY ANDERSEN E S — DOC NUMBER.....AD672480
INSTR...AF-EOAR -0070-62
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NORTH CAROLINA STATE UNIVERSITY
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BY GRAHAM G A C — DOC NUMBER.....AD672599
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OAR ACCESS NO.....013700-007
BY RHODIN T N — DOC NUMBER.....AD673810
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ADEY W R — INSTR...AF-AFOSR-0246-63
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UNIVERSITY OF MICHIGAN
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HAVELOCK R G — INSTR...AF-49(638)01732
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UNIVERSITY OF MICHIGAN
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UNIVERSITY OF TEXAS
ON OPTIMUM SPACE DIVERSITY RECEPTION OF CORRELATED MULTIPATH
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OAR ACCESS NO.....015242-075
BY BERNHERRY J F — DOC NUMBER.....AD676276
GREGG W D — INSTR...AF-AFOSR-0766-67
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UNIVERSITY OF TEXAS
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BY REINHARD E A — DDC NUMBER.....AD676278
ROTH C H JR — INSTR...AF-AFOSR-0766-67
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UNIVERSITY OF TEXAS
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UNIVERSITY OF TEXAS
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SWANSON D G — INSTR...AF-AFOSR-0766-67
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TEXAS UNIVERSITY OF
ON THE FEASIBILITY AND OPTIMIZATION OF LINEAR FREQUENCY MODULATION IN DIGITAL SIGNALLING
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BY HERNI A J — DDC NUMBER.....AD678053
GREGG W D — INSTR...AF-AFOSR-0766-67
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INSTITUTE OF BROOKLYN POLYTECHNIC
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DAR ACCESS NO.....001685-051
BY PENG S — DDC NUMBER.....AD677333
INSTR...AF-49(638)1402
PROJECT/TASK.....9751/00

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STANFORD UNIVERSITY
THE VISCOUS INCOMPRESSIBLE FLOW PAST A CIRCULAR CYLINDER AT MODERATE REYNOLDS NUMBERS
SUDAAR NO 349
DAR ACCESS NO.....009022-013
BY UNDERWOOD R L — DDC NUMBER.....AD673106
INSTR...AF-49(638)1271
PROJECT/TASK.....9781/01

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UNIVERSITY OF UTAH
AMMONIUM PERCHLORATE-BASED PROPELLANT IGNITION BY LOW-CONVECTIVE HEAT FLUXES
DAR ACCESS NO.....001960-003
BY RICHARDSON C H — DDC NUMBER.....AD681918
RYAN N W — INSTR...AF-AFOSR-3040-67
BAER A D — PROJECT/TASK.....9711/01

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BROOKLYN POLYTECHNIC INSTITUTE OF
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BY MONS R F — DDC NUMBER.....AD675243
SPENCER R W — INSTR...AF-49(638)1623
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BOSTICK W H — INSTR...AF-AFOSR-3865-67
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STEVENS INSTITUTE OF TECHNOLOGY
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BLACK P — INSTR...F44620-67-C-0004
MARKOWITZ R — PROJECT/TASK.....9778/01

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BY AITKEN D W — DDC NUMBER.....AD676699
EMENSON D W — INSTR...AF-49(638)1593
ZULLINGER H R — PROJECT/TASK.....9763/03

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STANFORD UNIVERSITY
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DAR ACCESS NO.....016480-004
BY ZULLINGER H R — DDC NUMBER.....AD677011
AITKEN D W — INSTR...AF-49(634)01499
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INSTR...AF-61(052)00876
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HAMMOND G S — INSTR...AF-49(638)01479
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LOIZ I F — INSTR...AF-49(638)01385
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BY O LOUGHLIN C L — DDC NUMBER.....AD644061
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RICCHIUTI N V — INSTR...AF-AFOSR-0146-65
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BY LOWE I J — DDC NUMBER.....AD674560
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BY CUSSLER E L — DDC NUMBER.....AD674512
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HOY M A — INSTR...AF-49(638)-01453
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AASHAMAR K — INSTR...AF-EOAR-0031-66
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BY CHANTOONI M K JR — DDC NUMBER.....AD674011
KOLTHOFF I M — INSTR...AF-AFOSR-0028-65
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UNIVERSITY OF ILLINOIS
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BY LOFGREN L — DDC NUMBER.....AD674693
INSTR...AF-AFOSR-0007-67
PROJECT/TASK.....9769/04

AFOSR 68-1697
STANFORD UNIVERSITY
RAYLEIGH SCATTERING BY HEAL CHAIN MOLECULES
JOURNAL AMERICAN CHEMICAL SOCIETY V90 N12 PP3128-3134 5 JUNE 1968
OAR ACCESS NO.....010391-040
BY FLORY P J — DDC NUMBER.....AD674273
JERNIGAN R L — INSTR...AF-49(638)-01341
PROJECT/TASK.....9760/03

AFOSR 68-1698
UNIVERSITY OF ILLINOIS
DEVIATIONS FROM THE MATTHIESSEN RULE
PHYS KONDENS MATERIE V6 N2 PP171-180 JULY 1967
OAR ACCESS NO.....008372-003
BY FISCHER K — DDC NUMBER.....AD674007
INSTR...AF-AFOSR-0803-65
PROJECT/TASK.....9761/01

AFOSR 68-1699
UNIVERSITA DEGLI STUDI DI GENOVA
BRIEF COMUNICATION A NEW TECHNIQUE FOR A STABLE PHOTIC STIMULATION OF FREE-MOVING ANIMALS
PHYSIOLOGY AND BEHAVIRO V3 N1 PP211-212 1968
OAR ACCESS NO.....005926-014
BY ZATTONI J — DDC NUMBER.....AD674302
INSTR...AF-61(052)-00901
PROJECT/TASK.....9777/01

AFOSR 68-1700
BRANDEIS UNIVERSITY
EVIDENCE FOR THE PARTICIPATION OF THE REDUCTIVE PENTOSE PHOSPHATE CYCLE IN PHOTOREDUCTION AND THE OXYHYDROGEN REACTION
PLANT PHYSIOLOGY V43 N4 PP649-652 APRIL 1968
OAR ACCESS NO.....006150-017
BY RUSSELL G K — DDC NUMBER.....AD674283
GIBBS M — INSTR...AF-49(638)-00798
PROJECT/TASK.....9777/01

AFOSR 68-1701
INSTITUTE FOR ADVANCED STUDY
THEORY OF CP NONCONSERVATION
PHYSICAL REVIEW LETTERS V20 N26 PP1539-1542 24 JUNE 1968
OAR ACCESS NO.....007784-004
BY JAKES W J — DDC NUMBER.....AD674777
INSTR...AF-AFOSR-1365-66
PROJECT/TASK.....9751/01

AFOSR 68-1702
KINGS COLLEGE
ULTRASOUND IN RODENTS
NATURE V217 N5139 PP668-669 17 FEB 1968
OAR ACCESS NO.....017390-005
BY SEWELL G D — DDC NUMBER.....AD674203
INSTR...AF-61(052)-00870
PROJECT/TASK.....9777/01

AFOSR 68-1703
TECHNION RSCH & DEVELOPMENT FOUNDATION
THE SPINNING MATERIAL DERIVATIVE AND THE CONTINUITY EQUATION
ISRAEL JOURNAL OF TECHNOLOGY V6 N1-2 PP159-162 FEBRUARY 1968
OAR ACCESS NO.....011088-002
BY KANNI Z — DDC NUMBER.....AD674029
INSTR...AF-EOAR-0020-67
PROJECT/TASK.....9749/01

AFOSR 68-1706
INSTITUTE FOR ADVANCED STUDY
PARITY-NONCONSERVING NUCLEAR FORCES
PHYSICAL REVIEW LETTERS V20 N26 PP1542-1545 24 JUNE 1968
OAR ACCESS NO.....000784-003
BY MCKELLAR B H J
DDC NUMBER.....AD674015
INSTN...AF-AFOSR-1365-68
PROJECT/TASK.....9761/01

AFOSR 68-1705
UNIVERSITY OF OREGON
EVIDENCE FOR THE PHOTOREACTION F-F-PRIME IN CA-O CA
PHYSICS LETTERS V28A N1 PP43-44 17 JULY 1967
OAR ACCESS NO.....010172-004
BY KEMP J C
ZINIKER B M
HENSLEY F U
DDC NUMBER.....AD674013
INSTN...AF-AFOSR-0577-66
PROJECT/TASK.....9763/02

AFOSR 68-1706
UNIVERSITY OF OREGON
FARADAY ROTATION STUDIES IN MG-O AND CA-O COLOUR CENTRES
PROCEEDINGS OF THE BRITISH CERAMIC SOCIETY V9 PP109-123
JULY 1967
OAR ACCESS NO.....010172-005
BY KEMP J C
ZINIKER B M
GLAZE J A
DDC NUMBER.....AD674014
INSTR...AF-AFOSR-0577-66
PROJECT/TASK.....9763/02

AFOSR 68-1707
UNIVERSIDAD DE CHILE
PROPERTIES OF THE ATPASE SYSTEM FROM THE SHEATH OF SQUID
GIANT AXONS
ARCHIVES OF BIOCHEMISTRY & BIOPHYSICS V122 N3 PP658-663
DEC 1967
OAR ACCESS NO.....016691-002
BY FISCHER M C
ZAMBRANO F
MORENO V R
DDC NUMBER.....AD674570
INSTR...AF-AFOSR-0788-66
PROJECT/TASK.....9777/01

AFOSR 68-1708
WASHINGTON STATE UNIVERSITY
ON THE MULTIPLICITY OF THE EMITTING STATE OF RUTHENIUM
/II/ COMPLEXES
JOURNAL MOLECULAR SPECTROSCOPY V26 N1 PP72-77 MAY 1968
OAR ACCESS NO.....023880-001
BY DEMAS J N
CROSBY G A
DDC NUMBER.....AD674763
INSTR...AF-AFOSR-1382-68
PROJECT/TASK.....9760/02

AFOSR 68-1709
UNIVERSITY OF GEORGIA
COMPLEXES OF TRIVALENT PHOSPHORUS DERIVATIVES IV METAL
CARBONYL COMPLEXES OF CIS-HIS-1 2-/DIPHENYLPHOSPHINO/
ETHYLENE
INORGANICA CHIMICA ACTA V2 N1 PP33-36 MAR 1968
OAR ACCESS NO.....019062-005
BY KING R B
EGGERS C A
DDC NUMBER.....AD674721
INSTR...AF-AFOSR-1211-67
PROJECT/TASK.....9710/02

AFOSR 68-1710
MELLON INSTITUTE OF RESEARCH
MASS SPECTRA OF ORGANOMETALLIC COMPOUNDS III ORGANOSULFUR
DERIVATIVES OF METAL CARBONYLS
JOURNAL AMERICAN CHEMICAL SOCIETY V90 N6 PP1429-1437 13 MAR
1968
OAR ACCESS NO.....019061-010
BY KING R B
DDC NUMBER.....AD674564
INSTR...AF-AFOSR-0580-66
PROJECT/TASK.....9710/02

AFOSR 68-1711
UNIVERSITY OF GEORGIA
ORGANOSULFUR DERIVATIVES OF THE METAL CARBONYLS XI SOME
CIS-1 2-ETHYLENEDITHIOLATE DERIVATIVES OF MANGANESE
CARBONYL AND RELATED COMPOUNDS
INORGANIC CHEMISTRY V7 N6 PP1214-1218 JUNE 1968
OAR ACCESS NO.....019062-006
BY KING R B
EGGERS C A
DDC NUMBER.....AD674722
INSTR...AF-AFOSR-1211-67
PROJECT/TASK.....9710/02

AFOSR 68-1712
MELLON INSTITUTE OF RESEARCH
MASS SPECTRA OF ORGANOMETALLIC COMPOUNDS I METAL CARBONYL
COMPLEXES OF TRIS /DIMETHYLAMINO/ PHOSPHINE
JOURNAL AMERICAN CHEMICAL SOCIETY V90 N6 PP1412-1417 13
MAR 1968
OAR ACCESS NO.....019061-011
BY KING R B
DDC NUMBER.....AD674565
INSTR...AF-AFOSR-0580-66
PROJECT/TASK.....9710/02

AFOSR 68-1713
UNIVERSITY OF MINNESOTA
AUTOPROTOLYSIS CONSTANT OF ACETONITRILE
JOURNAL PHYSICAL CHEMISTRY V72 N6 PP2270-2272 JUNE 1968
OAR ACCESS NO.....022320-003
BY KOLTHOFF I M
CHANTOONI M K JR
DDC NUMBER.....AD674719
INSTR...AF-AFOSR-1223-67
PROJECT/TASK.....9710/03

AFOSR 68-1714
UNIVERSITY OF ILLINOIS
SELF-CONSISTENT TREATMENT OF THE KONDO EFFECT
THE PHYSICAL REVIEW V158 N3 PP613-622 15 JUNE 1967
OAR ACCESS NO.....008322-004
BY FISCHER K
DDC NUMBER.....AD674555
INSTR...AF-AFOSR-0803-65
PROJECT/TASK.....9761/01

AFOSR 68-1715
UNIVERSITY OF TEXAS AT AUSTIN
PLASMA DIAGNOSTICS THROUGH HOLOGRAPHIC TECHNIQUES
RECORD IEEE 1968 REGION 3 CONVENTION NORC 17-REG-3 PPS 4 1
-5 4 6 APR 1968
OAR ACCESS NO.....015242-068
BY WEIGL F
FRIEDRICH O M JR
DOUGAL A A
DDC NUMBER.....AD674727
INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....4751/00

AFOSR 68-1716
NATIONAL BUREAU OF STANDARDS
THE HEAT OF FORMATION OF BORON CARBIDE
JOURNAL OF RESEARCH NBS A PHYSICS AND CHEMISTRY V72A N2
PP133-139 MAR-APR 1968
OAR ACCESS NO.....590310-028
BY DONALSKI E S
ARMSTRONG G T
DDC NUMBER.....AD674166
INSTR...ISSA -00008-65
PROJECT/TASK.....9713/02

AFOSR 68-1717
UNIVERSITY OF CALIFORNIA
ENERGETICS OF CARDIAC CONTRACTIONS
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OAR ACCESS NO.....012211-004
BY GIBBS C L
NOMMAERTS W F H M
NICCHIUTI N V
DDC NUMBER.....AD674541
INSTR...AF-AFOSR-0148-65
PROJECT/TASK.....9777/01

AFOSR 68-1718
CLARKSON COLLEGE OF TECHNOLOGY
HEAT TREATMENT EFFECTS ON SOME PHYSICAL PROPERTIES OF
METALLIC SINGLE CRYSTALS
OAR ACCESS NO.....011131-006
BY MARTIN M C
DDC NUMBER.....AD678931
INSTR...AF-AFOSR-0794-65

AFOSR 68-1720
PRINCETON UNIVERSITY
ABSOLUTE CONFIGURATION AND OPTICAL ROTATORY DISPERSION OF
METHYL ALKYL SULFOXIDES
TETRAHEDRON LETTERS N29 PP3249-3252 1968
OAR ACCESS NO.....022000-013
BY AXELROD M
BICKART P
GOLDSTEIN M L
GREEN M M
KJAER A
DDC NUMBER.....AD674731
INSTR...AF-AFOSR-1188-67
PROJECT/TASK.....9762/01

AFOSR 68-1721
UNIVERSITY OF CONNECTICUT
COINCIDENCE MEASUREMENTS OF ATOMIC COLLISIONS FINAL
REPORT JUNE 1968
OAR ACCESS NO.....016640-008
BY EVERHART E
DDC NUMBER.....AD676670
INSTR...AF-AFOSR-0805-65
PROJECT/TASK.....9767/02

AFOSR 68-1723
FLORIDA UNIVERSITY
COHERENT TUNABLE CYCLOTRON MODE OSCILLATIONS IN A SMOOTH-
BORE MAGNETRON FINAL REPORT JULY 1968
OAR ACCESS NO.....017052-001
BY SUTHERLAND A D
SMITH J L
DDC NUMBER.....AD678171
INSTR...AF-AFOSR-0930-67
PROJECT/TASK.....9768/01

AFOSR 68-1724
AEROJET-GENERAL NUCLEONICS
PLASMA WAVES AND ROTATION IN THE GAS-FED HOLLOW CATHODE
ARC
PHYSICS FLUIDS V11 N5 PP1050-1056 MAY 1968
OAR ACCESS NO.....018511-002
BY GRETSCHNER C R
DOESCHOTEN F
DEMETER L J
DDC NUMBER.....AD673726
INSTR...AF-AFOSR/63H/01548
PROJECT/TASK.....9752/01

AFOSR 68-1725
OHIO UNIVERSITY
AN OPTICAL-MODEL INVESTIGATION OF ELASTIC NEUTRON SCATTERING LIGHT NUCLEI
NUOVO CIMENTO SER X V55 PP83-96 11 MAY 1968
OAR ACCESS NO.....016850-012
BY CASSOLA R L — DDC NUMBER.....AD674006
KOSHEL R D — INSTR...AF-AFOSR-0654-65
PROJECT/TASK.....9761/01

AFOSR 68-1726
DARMOUTH COLLEGE
A ONE-STEP HIGH YIELD SYNTHESIS OF NONODECAHYDRO EICOSABORANE TRIANION
INORGANIC CHEMISTRY V7 N1 PP164-165 JAN 1968
OAR ACCESS NO.....019041-001
BY KACZMARCZYK A — DDC NUMBER.....AD674019
INSTR...AF-AFOSR-0589-66
PROJECT/TASK.....9710/02

AFOSR 68-1727
COLUMBIA UNIVERSITY
MOLECULAR PHOTOCHEMISTRY VIII EVIDENCE FOR A SINGLET-STATE COMPLEX IN THE PHOTOCYCLOADDITION OF ACETONE TO TRANS-1 2-DICYANOETHYLENE
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OAR ACCESS NO.....019800-012
BY TURRO N J — DDC NUMBER.....AD674012
WRIEDE P A — INSTR...AF-AFOSR-1000-66
DALTON J C — PROJECT/TASK.....9760/02

AFOSR 68-1728
DARMOUTH COLLEGE
THERMODYNAMIC PROPERTIES OF DECAHYDRO DECABORANE DIANION AND DODECAHYDRO DODECABORANE DIANION
INORGANIC CHEMISTRY V7 N6 PP1057-1061 JUNE 1968
OAR ACCESS NO.....019041-002
BY KACZMARCZYK A — DDC NUMBER.....AD674027
NICHOLS N C — INSTR...AF-AFOSR-0589-66
STOCKMAYER W H — PROJECT/TASK.....9710/02
EAMES P B

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DUKE UNIVERSITY
A PROCEDURE FOR DERIVING INVERSION FORMULAE FOR INTEGRAL TRANSFORM PAIRS OF A GENERAL KIND
GLASGOW MATHEMATICAL JOURNAL V9 PART 1 PP67-77 JANUARY 1968
OAR ACCESS NO.....000393-008
BY SNEDDON I N — DDC NUMBER.....AD674509
INSTR...AF-AFOSR-0435-63
PROJECT/TASK.....9749/01

AFOSR 68-1732
UNIVERSITY OF VIRGINIA
THEORY OF OPTICAL PROPERTIES OF AN EXCESS ELECTRON IN LIQUID HELIUM
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OAR ACCESS NO.....022120-008
DDC NUMBER.....AD674576
CELLI V — INSTR...AF-AFOSR-1138-66
PROJECT/TASK.....9763/02

AFOSR 68-1733
UNIVERSITY OF NEVADA
TEMPERATURE DEPENDENCE OF INTERMOLECULAR ENERGY TRANSFER IN POLAR MOLECULES
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OAR ACCESS NO.....023930-004
BY SHIN H K — DDC NUMBER.....AD674778
INSTR...AF-AFOSR-1356-68
PROJECT/TASK.....9760/02

AFOSR 68-1734
POLITECNICO DI TORINO
ON THE BEHAVIOUR OF A MOLECULAR BEAM SCATTERED BY A SOLID SURFACE THEORETICAL STUDY FOR NORMAL INCIDENCE
TECHNICAL NOTE 37 SCIENTIFIC REPORT 1
OAR ACCESS NO.....001133-003
BY NUCILLA S — DDC NUMBER.....AD674289
PIAT M G C — INSTR...AF-EOAR -0028-66
PROJECT/TASK.....9781/01

AFOSR 68-1735
NEW YORK STATE UNIV RESEARCH FOUNDATION
HEAT CONDUCTION IN A BOUNDED ANISOTROPIC MEDIUM
AIAA JOURNAL V6 N4 PP744-747 APR 1968
OAR ACCESS NO.....020440-003
BY REISMANN H — DDC NUMBER.....AD674575
INSTR...AF-AFOSR-0988-66
PROJECT/TASK.....9782/01

AFOSR 68-1736
SOUTHWEST RESEARCH INSTITUTE
PARAMETRIC EXCITATION OF A NON-HOMOGENEOUS BERNOULLI-EULER BEAM
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OAR ACCESS NO.....010351-004
BY FRANCIS P H — DDC NUMBER.....AD674508
INSTR...AF-49(638)01485
PROJECT/TASK.....9782/02

AFOSR 68-1738
KAROLINSKA INSTITUTE
OCCURRENCE AND SOME PROPERTIES OF DOPAMINE CONTAINING GRANULES IN THE SHEEP ADRENAL
ACTA PHYSIOLOGICA SCANDINAVICA V72 PP285-286 1968
OAR ACCESS NO.....005728-006
BY LISHAJKO F — DDC NUMBER.....AD674303
INSTR...AF-EOAR -0018-67
PROJECT/TASK.....9777/01

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UNIVERSITY OF CALIFORNIA
SPHERICAL CAPS AND RANDOM VALUED HARMONIC FUNCTIONS ORTHOGONAL EXPANSIONS AND THEIR CONTINUOUS ANALOGUES APRIL 27-29 1967 SOUTHERN ILLINOIS PRESS PP103-125 1968
OAR ACCESS NO.....008104-001
BY SHAPIRO V L — DDC NUMBER.....AD674569
INSTR...AF-AFOSR-0694-66
PROJECT/TASK.....9749/02

AFOSR 68-1740
HAMLINE UNIVERSITY
THE CHARACTERISTIC POLYNOMIAL OF A SINGULAR MATRIX
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OAR ACCESS NO.....012521-007
BY VARHENG D F — DDC NUMBER.....AD674544
INSTR...AF-AFOSR-0035-65
PROJECT/TASK.....9749/02

AFOSR 68-1741
UNIVERSITE LIBRE DE BRUXELLES
THEORY OF MANY BODY PROBLEM AND PARTICLE PHYSICS FINAL REPORT JAN 1968
OAR ACCESS NO.....012251-001
BY BROUT R — DDC NUMBER.....AD673507
ENGLERT F — INSTR...AF-EOAR -0091-65
DEDOMINICIS C — PROJECT/TASK.....9767/01

AFOSR 68-1742
UNIVERSITY OF ROCHESTER
RELATIVE QUANTUM YIELD FOR PHOTOEMISSION FROM THIN FILMS OF XENON AND KRYPTON
PHYSICAL REVIEW LETTERS V17 N17 PP919-921 24 OCT 1966
OAR ACCESS NO.....013772-001
BY O BRIEN J F — DDC NUMBER.....AD674683
TEEGARDEN K J — INSTR...AF-AFOSR-0236-67
PROJECT/TASK.....9767/02

AFOSR 68-1743
UNIVERSITY OF ILLINOIS
NONLINEAR PHONON INTERACTION IN PIEZOELECTRIC SEMICONDUCTORS AND EFFECT ON CURRENT SATURATION
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OAR ACCESS NO.....003403-002
YAMADA K — DDC NUMBER.....AD674697
INSTR...AF-AFOSR-0328-67
PROJECT/TASK.....9761/01

AFOSR 68-1744
POLITECNICO DI TORINO
INCOMPRESSIBLE LAMINAR BOUNDARY LAYER PAST ELLIPTICAL BODIES
TECHNICAL NOTE 41 SCIENTIFIC REPORT 5
OAR ACCESS NO.....001133-004
BY JARRE G — DDC NUMBER.....AD674291
INSTR...AF-EOAR -0028-66
PROJECT/TASK.....9781/01

AFOSR 68-1745
POLITECNICO DI TORINO
COMPRESSIBLE LAMINAR SKIN-FRICTION LAW
TECHNICAL NOTE 42 SCIENTIFIC REPORT 6
OAR ACCESS NO.....001133-005
BY JARRE G — DDC NUMBER.....AD674292
INSTR...AF-EOAR -0028-66
PROJECT/TASK.....9781/01

AFOSR 68-1746
POLITECNICO DI TORINO
ON THE BEHAVIOUR OF A MOLECULAR BEAM SCATTERED BY A SOLID SURFACE ADDITIONAL THEORETICAL STUDY FOR NORMAL INCIDENCE
TECHNICAL NOTE 43 SCIENTIFIC REPORT 7
OAR ACCESS NO.....001133-006
BY NUCILLA S — DDC NUMBER.....AD674288
PIAT M G C — INSTR...AF-EOAR -0028-66
PROJECT/TASK.....9781/01

AFOSR 68-1747
POLITECNICO DI TORINO
SHOCK WAVE PRECURSOR MEASUREMENTS PART I ONE-DIMENSIONAL THEORY OF ELECTROSTATIC PROBES IN UNSTEADY CONDITIONS WITH ION GENERATION
TECHNICAL NOTE 39 SCIENTIFIC REPORT 2
BY ROMITI A
DAR ACCESS NO.....791131-007
DOC NUMBER.....AD674290
INSTR...AF-EOAR-68-0028-68
PROJECT/TASK.....9751/01

AFOSR 68-1760
UNIVERSITY OF TENNESSEE
EFFECT OF P-CHLOROPHENYLALANINE ON BRAIN NORADRENALINE IN MICE
JOURNAL PHARMACY AND PHARMACOLOGY V19 PP832-833 1967
BY WELCH A S
WELCH M J
DAR ACCESS NO.....020931-003
DOC NUMBER.....AD674783
INSTR...AF-AFOSR-1227-67
PROJECT/TASK.....9777/01

AFOSR 68-1769
UNIVERSITY OF CALIFORNIA
ANOMALOUS CONCENTRATION DEPENDENCE OF RESISTIVITY IN DILUTE MAGNETIC ALLOYS
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BY SUHL H
DAR ACCESS NO.....030462-004
DOC NUMBER.....AD674715
INSTR...AF-AFOSR-0510-67
PROJECT/TASK.....9761/01

AFOSR 68-1750
STANFORD UNIVERSITY
SOLAR FLARES
MENDICONTI DELLA SCUOLA INTERNAZIONALE DI FISICA E FERMI
COURSE 39 PP143-194
BY STODDART P A
DAR ACCESS NO.....004562-013
DOC NUMBER.....AD674767
INSTR...AF-AFOSR-0131-67
PROJECT/TASK.....9767/02

AFOSR 68-1751
COLUMBIA UNIVERSITY
DISCUSSION OF OBSERVATIONS OF QUASI-STELLAR RADIO SOURCES
RADIO GALAXIES AND SUPERNOVA REMNANTS
HIGH ENERGY ASTROPHYSICS VOL I RADIO SOURCES AND THEIR INTERPRETATIONS ED C DEWITT ET AL GORDON & BREACH N Y 1967
BY MALTBIE L
DAR ACCESS NO.....019200-010
DOC NUMBER.....AD674285
INSTR...AF-AFOSR-0138-67
PROJECT/TASK.....9774/01

AFOSR 68-1752
CATHOLIC UNIVERSITY OF AMERICA
CONTRIBUTIONS TO A PROBLEM OF D VAN DANTZIG
TEORIYA VEROYATNOSTEI I EE PRIM SSSR V13 PP118-125 1968
BY LUKACS E
DAR ACCESS NO.....013012-003
DOC NUMBER.....AD674663
INSTR...AF-AFOSR-1337-67
PROJECT/TASK.....9749/02

AFOSR 68-1753
CARNEGIE MELLON UNIVERSITY
THERMODYNAMICS AND WAVE PROPAGATION IN NONLINEAR MATERIALS WITH MEMORY
PROCEEDINGS OF THE IUTAM SYMPOSIA VIENNA 22-28 JUNE 1966 PP54-76 1968
BY COLEMAN B D
GURTIN M E
DAR ACCESS NO.....015223-004
DOC NUMBER.....AD674559
INSTR...AF-AFOSR-0720-67
PROJECT/TASK.....9749/01

AFOSR 68-1754
PRINCETON UNIVERSITY
A MODEL ATMOSPHERE FOR A HOT VENUS WITH LINE BLANKETING
THE ASTROPHYSICAL JOURNAL V152 N1 PP1019-1022 APR 1968
BY ADAMS T F
MORGAN D C
DAR ACCESS NO.....012090-027
DOC NUMBER.....AD673699
INSTR...AF-AFOSR-701-66
PROJECT/TASK.....9767/03

AFOSR 68-1755
UNIVERSITY OF CALIFORNIA
BRILLOUIN LIGHT SCATTERING FROM CRYSTALS IN THE HYDRODYNAMIC REGION
REVIEWS OF MODERN PHYSICS V40 N1 PP1-7 JAN 1968
BY GRIFFIN A
DAR ACCESS NO.....004561-035
DOC NUMBER.....AD673662
INSTR...AF-AFOSR-1511-66
PROJECT/TASK.....9761/01

AFOSR 68-1756
SANDIA CORP ALBUQUERQUE N MEX
VELOCITY-SPACE INSTABILITIES IN A SEMIBOUNDED PLASMA AND LASER GENERATED PLASMA FINAL REPORT JUL 1967
BY MORSE R L
MORSE T F
DAR ACCESS NO.....017600-336
DOC NUMBER.....AD673512
INSTR...AF-AFOSR-751-67
PROJECT/TASK.....9761/01

AFOSR 68-1757
GULF GENERAL ATOMIC INC
CHEMICAL REACTIONS ON CLEAN SURFACES USING MODULATED ATOMIC BEAM TECHNIQUES FINAL REPORT APRIL 1968
BY PALMER R L
SALTSBURG H
SMITH J N JR
DAR ACCESS NO.....018090-003
DOC NUMBER.....AD673910
INSTR...AF-49(638)-1559
PROJECT/TASK.....9750/02

AFOSR 68-1758
COLUMBIA UNIVERSITY
MICROWAVE SPECTRUM CONFORMATION DIPOLE MOMENT AND BARRIER TO INTERNAL ROTATION IN METHYL VINYL ETHER
JOURNAL OF CHEMICAL PHYSICS V48 N6 PP1620-1626 15 FEB 1968
BY CAHILL P
GOLD L P
GWEN N L
DAR ACCESS NO.....009083-005
DOC NUMBER.....AD673278
INSTR...AF-AFOSR-0330-66
PROJECT/TASK.....9767/01

AFOSR 68-1760
NORTH CAROLINA STATE UNIVERSITY
THE DISTRIBUTION OF STRESS IN THE VICINITY OF A GRIFFITH CRACK IN AN ELASTIC SOLID IN WHICH BODY FORCES ARE ACTING
BY ERDOGAN F
DAR ACCESS NO.....011593-009
DOC NUMBER.....AD673884
INSTR...AF-AFOSR-0444-66
PROJECT/TASK.....9769/01

AFOSR 68-1761
CHEMICAL PHYSICS LETTERS V1 PP709-711 1968
DAR ACCESS NO.....015061-026
DOC NUMBER.....AD674698
INSTR...AF-AFOSR-0781-67

AFOSR 68-1761
UNIVERSITY OF CHICAGO
INTRAMOLECULAR FORMATION OF P-METHYLBENZYL RADICAL FROM P-XYLENE
CHEMICAL PHYSICS LETTERS V1 PP709-711 1968
BY JOHNSON P M
RICE S A
DAR ACCESS NO.....015061-027
DOC NUMBER.....AD674698
INSTR...AF-AFOSR-0781-67
PROJECT/TASK.....9760/01

AFOSR 68-1762
UNIVERSITY OF CALIFORNIA
SOME REMARKS ON A PAPER OF PAUL LEVY ON HADAMARD MATRICES
AMERICAN MATHEMATICAL MONTHLY V75 N5 PP498-500 MAY 1968
BY MIRSKY H
DAR ACCESS NO.....018931-009
DOC NUMBER.....AD674666
INSTR...AF-AFOSR-0698-67
PROJECT/TASK.....9749/01

AFOSR 68-1763
BROWN UNIVERSITY
ON AN ASYMPTOTICALLY AUTONOMOUS FUNCTIONAL DIFFERENTIAL EQUATIONS (ITALIAN)
RENDICONTI CIRCOLO MATEMATICO DI PALERMO V2 N15 PP331-351 1966
BY HALE J K
DAR ACCESS NO.....019592-009
DOC NUMBER.....AD674094
INSTR...AF-AFOSR-0693-66
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DOC NUMBER.....AD673912
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PROJECT/TASK.....9769/02

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BY AGARWAL G S
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DAR ACCESS NO.....034021-003
DOC NUMBER.....AD674776
INSTR...AF-AFOSR-1404-68
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DOC NUMBER.....AD674681
INSTR...AF-AFOSR-0361-67
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BY KRAUSE L DOC NUMBER.....AD674000
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BY JU F D DOC NUMBER.....AD674562
SHAFER D R INSTR...AF-AFOSR-0508-67
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UNIVERSITY OF TENNESSEE
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INCOMPRESSIBLE LAMINAR SKIN-FRICTION LAW
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DAR ACCESS NO.....001133-001
BY JARRE G DOC NUMBER.....AD673994
INSTR...AF-EOAR-0028-66
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SLIP IN BODY-CENTERED CUBIC CRYSTALS
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BY MITCHELL T E DOC NUMBER.....AD674070
INSTR...AF-AFOSR-1501-67
PROJECT/TASK.....9763/01

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A CLASS OF COMMA-FREE CODES
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BY NAMAMOORTHY C V DOC NUMBER.....AD674022
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UNIVERSITY OF HAWAII
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MCDONALD H L INSTR...AF-AFOSR-0981-65
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THE METHOD OF ADAPTIVELY CONTROLLED PSYCHOLOGICAL LEARNING EXPERIMENTS
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BY PASK G DOC NUMBER.....AD674304
WALLEN S L INSTR...AF-61(052)00840
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MACDIARMID A G INSTR...AF-49(638)01519
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BINDING AND FIELD DESCRIPTION OF INDIVIDUAL TUNGSTEN ATOMS
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BY EHRLICH G INSTR...AF-49(638)01362

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BY SINGER J DOC NUMBER.....AD674296
BARUCH M INSTR...AF-61(052)00905
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BY GLICK A J DOC NUMBER.....AD674057
CALLEN E INSTR...AF-AFOSR-0715-65
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CAMBRIDGE UNIVERSITY
GROWTH OF MOVING TO CLEAVAGE IN LIQUIDS AND SOLIDS
DAR ACCESS NO.....018674-001
BY HOPKIN F P DOC NUMBER.....AD674005
FIELD J E INSTR...AF-EOAR-0001-68
FOX P G PROJECT/TASK.....9711/01
CHAUDHRI M M

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YESHIVA UNIVERSITY
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OAR ACCESS NO.....000233-003
BY KRIEN M — DDC NUMBER.....AD674469
TIEN J S — INSTR...AF-AFOSR-1408
SIRIGNANO W A — PROJECT/TASK.....9713/01
SUMMERFIELD M

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UNIVERSITY OF ROCHESTER
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BY LESSEN M — DDC NUMBER.....AD673046
DESHPANDE N V — INSTR...AF-49(638)-1380
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BY BLACKNIK R O G — DDC NUMBER.....AD673897
GROSS P — INSTR...AF-61(052)-00863
HAYMAN C — PROJECT/TASK.....9713/02

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OAR ACCESS NO.....015242-066
BY HARRISON D P — DDC NUMBER.....AD674020
TAYLOR H L — INSTR...AF-AFOSR-0706-67
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UNIVERSITY OF SYDNEY
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BY BROWN R H — DDC NUMBER.....AD674018
DAVIS J — INSTR...AF-AFOSR-0302-66
ALLEN L R — PROJECT/TASK.....9774/01
HOWE J M

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UNIVERSITY OF CALIFORNIA
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SIAM J CONTROL V6 N2 PP244-257 1968
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BY OZA K G — DDC NUMBER.....AD674021
JURY E I — INSTR...AF-AFOSR-0292-66
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UNIVERSITY OF TEXAS AT AUSTIN
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OAR ACCESS NO.....015242-065
BY LIGON J L — DDC NUMBER.....AD674024
HOYD J A — INSTR...AF-AFOSR-0760-67
CAMPBELL G L — PROJECT/TASK.....4751/00
DUFSTERMOEFT W C

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OAR ACCESS NO.....015242-070
BY DERRYBERRY J M — DDC NUMBER.....AD674733
GREGG W D — INSTR...AF-AFOSR-0706-67
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BY OHLEMILLER T J — DDC NUMBER.....AD674470
SUMMERFIELD M — INSTR...AF-49(638)-01267
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BY WHITE R A — DDC NUMBER.....AD6.4867
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UNIVERSITY OF FLORIDA
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OAR ACCESS NO.....020431-012
BY MANSFIELD J M — DDC NUMBER.....AD673913
GRATZEL M P — INSTR...AF-AFOSR-1033-67
NORGORDON M O — PROJECT/TASK.....9710/03
KNAPP D D
ZACHA R E

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BY WINEFORDNER J D — DDC NUMBER.....AD673914
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CORNELL UNIVERSITY
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BY PALMBERG P W — DDC NUMBER.....AD674553
RHODIN T N — INSTR...AF-AFOSR-0876-68
PROJECT/TASK.....9761/03

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UNIVERSITY OF CALIFORNIA
PARTIAL DERIVITEVE OF T SUB C WITH RESPECT TO PRESSURE FOR TECHNETIUM AND A COMMENT ON ITS SIGN IN RELATION TO THE OTHER TRANSITION METAL SUPERCONDUCTORS
OAR ACCESS NO.....018831-018
BY CHU C W — DDC NUMBER.....AD674774
GARDNER W E — INSTR...AF-AFOSR-0631-67
SMITH T F — PROJECT/TASK.....9763/03

AFOSR 68-1807
NORTHWESTERN UNIVERSITY
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BY YAU S S — DDC NUMBER.....AD674547
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PROJECT/TASK.....9749/01

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STANFORD UNIVERSITY
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OAR ACCESS NO.....004562-014
BY STURROCK P A — DDC NUMBER.....AD674266
GILVARRY J J — INSTR...AF-49(638)-01321
PROJECT/TASK.....9767/02

AFOSR 68-1809
STANFORD UNIVERSITY
A PLASMA MODEL OF QUASARS AND RADIO GALAXIES
RENDICONTI DELLA SCUOLA INTERNAZIONALE DI FISICA E FERMI COURSE 39 PP339-363
OAR ACCESS NO.....004562-015
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INSTR...AF-49(638)-01321
PROJECT/TASK.....9767/02

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BY DAENZIGER N C — DDC NUMBER.....AD674556
OAX W L — INSTR...AF-AFOSR-0783-65
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BY GRECOS A P
DOC NUMBER.....AD676307
INSTR...AF-EOAR -0029-67
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UNIVERSITY OF TEXAS
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DAR A ' NO.....015942-071
BY WEIGL P
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INSTR...AF-AFOSR-0786-67
DOUGAL A A
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DAR ACCESS NO.....017060-004
BY GERLACH R L
DOC NUMBER.....AD674709
RHODIN T N
INSTR...AF-AFOSR-0876-65
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UNIVERSITY OF UPPSALA
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BY GOSCINSKI O
DOC NUMBER.....AD688035
INSTR...AF-61(052)-00874
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UNIVERSITY OF TEXAS AT AUSTIN
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DAR ACCESS NO.....015242-066
BY LAINIOTIS D G
DOC NUMBER.....AD674024
INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....4751/00

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STARK LADDER IN SOLIDS
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BY ZAK J
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INSTR...F44620-67-C-0067
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DAR ACCESS NO.....000274-018
BY LEMING F G JR
DOC NUMBER.....AD566188
HERAK J N
INSTR...AF-AFOSR-0493-66
GORDY W
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BY OPPENHEIMER P
DOC NUMBER.....AD674496
SWEIGART A
INSTR...AF-49(638)-01555
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NORTHWESTERN UNIVERSITY
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BY KALLICK B
DOC NUMBER.....AD674034
INSTR...AF-AFOSR-1125-66
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STANFORD UNIVERSITY
FORCE-FREE MAGNETIC FIELDS AND SOLAR FILAMENTS
RENDICONTI DELLA SCUOLA INTERNAZIONALE DI FISICA E FERMI
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DAR ACCESS NO.....004562-016
BY STURROCK P A
DOC NUMBER.....AD674272
WOODBURY E T
INSTR...AF-49(638)-01121
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UNIVERSITY OF WASHINGTON
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BY STERN E A
DOC NUMBER.....AD676732
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UNIVERSITY OF CALIFORNIA
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BY AXELBAND E I
DOC NUMBER.....AD676859
INSTR...AF-AFOSR-0690-65
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UNIVERSITY OF CALIFORNIA
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BY CHATTOPADHYAY R
DOC NUMBER.....AD674684
INSTR...AF-AFOSR-0690-67
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CALIFORNIA INSTITUTE OF TECHNOLOGY
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DAR ACCESS NO.....015080-013
BY MUROV S L
DOC NUMBER.....AD674810
COLE R S
INSTR...AF-49(638)-01479
HAMMOND G S
PROJECT/TASK.....9762/01

AFOSR 68-1829
UNIVERSITY OF CALIFORNIA
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DAR ACCESS NO.....008862-005
BY MORE M M
DOC NUMBER.....AD674718
SUHL H
INSTR...AF-AFOSR-0610-67
PROJECT/TASK.....9761/01

AFOSR 68-1830
COLUMBIA UNIVERSITY
ELECTRICAL CONDUCTIVITY OF A FULLY IONIZED PLASMA
PHYSICS FLUIDS V10 N8 PP1857-1858 AUG 1967
DAR ACCESS NO.....009583-015
BY NEU K
DOC NUMBER.....AD676309
INSTR...AF-49(638)-01636
PROJECT/TASK.....9752/01

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UNIVERSITY OF COLORADO
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BY HERMES H
DOC NUMBER.....AD676718
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APPLICATION TO RANDOM SIGNAL ANALYSIS
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BY CHANG S S L
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BY AMOROS J L
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INSTR...AF-AFOSR-0596-66
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OREGON STATE UNIVERSITY
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DAR ACCESS NO.....011811-004
BY MANNION W A
DOC NUMBER.....AD674561
ALLEN C A
INSTR...AF-AFOSR-0217-66
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PROJECT/TASK.....9761/02

AFOSR 68-1833
NORTH CAROLINA STATE UNIVERSITY
THE DISTRIBUTION OF STRESS IN THE VICINITY OF A PENNY-SHAPED CRACK IN AN ELASTIC SOLID UNDER THE ACTION OF SYMMETRIC BODY FORCES
BY TWEED J
OAR ACCESS NO.....011893-010
DDC NUMBER.....AD673850
INSTR...AF-AFOSR-0644-66
PROJECT/TASK.....9749/01

AFOSR 68-1836
UNIVERSITY OF PENNSYLVANIA
AN ORAL EXPERIMENT ON RETRIEVAL DIALOGUE
BY SMITH J M
OAR ACCESS NO.....011842-011
DDC NUMBER.....AD674056
INSTR...AF-49(638)-01421
PROJECT/TASK.....9769/01

AFOSR 68-1837
UNIVERSITE LIBRE DE BRUXELLES
VELOCITY INVERSION IN STATISTICAL MECHANICS
PHYSICA N36 PP433-456 1967
BY BALESCU R
OAR ACCESS NO.....006086-006
DDC NUMBER.....AD673308
INSTR...AF-EOAR-65-67
PROJECT/TASK.....9767/01

AFOSR 68-1838
UNIVERSITY OF PENNSYLVANIA
REAL ENGLISH PROJECT REPORT
BY CAUTIN H
REGAN E
OAR ACCESS NO.....013460-002
DDC NUMBER.....AD673H99
INSTR...AF-49(638)-01441
PROJECT/TASK.....9769/01

AFOSR 68-1839
UNIVERSITY OF PENNSYLVANIA
A WRITTEN EXPERIMENT OF RETRIEVAL DIALOGUE
BY SMITH J M
OAR ACCESS NO.....011842-012
DDC NUMBER.....AD673900
INSTR...AF-49(638)-01421
PROJECT/TASK.....9769/01

AFOSR 68-1840
UNIVERSITY OF CALIFORNIA
PROPERTIES OF AN ABRIKOSOV FLUXOID IN TYPE-II SUPERCONDUCTORS
THE PHYSICAL REVIEW V165 NP PP596-601 10 JANUARY 1968
BY LEADON R E
SUHL H
OAR ACCESS NO.....008862-006
DDC NUMBER.....AD674717
INSTR...AF-AFOSR-0610-67
PROJECT/TASK.....9761/01

AFOSR 68-1841
YALE UNIVERSITY
ANTISYMMETRIC EXCHANGE
PHYSICAL REVIEW LETTERS V20 N24 PP1366-1370 10 JUNE 1968
BY LEVY B M
OAR ACCESS NO.....024760-002
DDC NUMBER.....AD674714
INSTR...AF-AFOSR-1259-67
PROJECT/TASK.....9761/01

AFOSR 68-1842
STANFORD UNIVERSITY
SOLAR OBLATENESS AND THE PERIHELION ADVANCES OF PLANETS
NATURE V216 N5122 PP1285-1285 30 DECEMBER 1967
BY GILVARRY J J
STURROCK P A
OAR ACCESS NO.....008582-017
DDC NUMBER.....AD674264
INSTR...AF-49(638)-1321
PROJECT/TASK.....9767/02

AFOSR 68-1843
UNIVERSITY OF WINDSOR
COLLISIONAL DEPOLARIZATION OF MAGNETICALLY ORIENTED 4 SUPERSCRIPT 2P POTASSIUM ATOMS
MAGNETIC RESONANCE AND RELAXATION PROCEEDINGS OF THE 14TH COLLOQUE AMPERE LJUBLJANA YUGOSLAVIA P411 SEP 1966
BY DEHODEWKI W
SEIFERT H
KRAUSE L
OAR ACCESS NO.....011112-012
DDC NUMBER.....AD674952
INSTR...AF-AFOSR-1351-65
PROJECT/TASK.....9767/02

AFOSR 68-1844
YALE UNIVERSITY
EXPERIMENTS ON THE 2 SUPERSCRIPT 3P STATE OF HELIUM I A MEASUREMENT OF THE 2 SUPERSCRIPT 3P SUBSCRIPT 1=2 SUPERSCRIPT 3 P SUBSCRIPT 2 FINE STRUCTURE
THE PHYSICAL REVIEW V169 N1 PP55-78 5 MAY 1968
BY MICHANICK P M J
SWIFT R D
JOHNSON C E
HUGHES V W
OAR ACCESS NO.....012313-007
DDC NUMBER.....AD678948
INSTR...AF-AFOSR-0240-65
PROJECT/TASK.....9767/02

AFOSR 69-1869
STANFORD UNIVERSITY
A MODEL OF SOLAR FLARES
INTERNATIONAL ASTRONOMICAL UNION SYMPOSIUM N30 BUDAPEST HUNGARY 6-8 SEP 1967 PP471-479 1968
BY STURROCK P A
OAR ACCESS NO.....006802-018
DDC NUMBER.....AD674271
INSTR...AF-49(638)-1381
PROJECT/TASK.....9767/02

AFOSR 68-1846
UNIVERSITY OF SOUTHERN CALIFORNIA
OPTIMUM QUADRUPED CREEPING GAITS
BY MCGHEE R B
FRANK A A
OAR ACCESS NO.....021811-006
DDC NUMBER.....AD678296
INSTR...AF-AFOSR-1018-67
PROJECT/TASK.....9769/03

AFOSR 68-1847
NORTH CAROLINA STATE UNIVERSITY
A NOTE ON THE THERMOELASTIC PROBLEM FOR A PENNY-SHAPED CRACK
BY TWEED J
OAR ACCESS NO.....011893-011
DDC NUMBER.....AD680084
INSTR...AF-AFOSR-0644-66
PROJECT/TASK.....9749/01

AFOSR 68-1848
MELLON INSTITUTE OF RESEARCH
NON-LINEAR CONTINUUM MECHANICS AND FLOW PROPERTIES OF NON-NEWTONIAN FLUIDS FINAL REPORT AUG 1968
BY COLEMAN B D
OAR ACCESS NO.....018271-012
DDC NUMBER.....AD675116
INSTR...AF-AFOSR-0720-66
PROJECT/TASK.....9749/01

AFOSR 68-1849
UNIVERSITY OF MINNESOTA
THE DIRICHLET PROBLEM FOR QUASILINEAR EQUATIONS WITH MANY INDEPENDENT VARIABLES
PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES V58 N5 PP1829-1838 NOVEMBER 1967
BY SERRIN J
OAR ACCESS NO.....017311-001
DDC NUMBER.....AD675010
INSTR...AF-AFO[illegible]-0883-67
PROJECT/TASK.....9749/02

AFOSR 68-1850
UNIVERSITY OF CALIFORNIA
ON FINAL VALUE CONTROL
INTERN NJ CONTROL V7 N2 PP133-143 1968
BY SEAL C E
STUDERUS A M
OAR ACCESS NO.....010991-003
DDC NUMBER.....AD674978
INSTR...AF-AFOSR-0699-67
PROJECT/TASK.....9763/01

AFOSR 68-1851
NEW YORK UNIVERSITY
ASTROPHYSICAL FLUID DYNAMICS FINAL REPORT FEB 1968
BY SPIEGEL E A
OAR ACCESS NO.....006683-001
DDC NUMBER.....AD675258
INSTR...AF-AFOSR-0684-66
PROJECT/TASK.....9767/03

AFOSR 68-1852
TEXAS A&M UNIVERSITY
THE ELECTRONIC SPECTRA OF SIMPLE MOLECULES FINAL REPORT JULY 1968
BY GIBSON J B
OAR ACCESS NO.....006917-001
DDC NUMBER.....AD675254
INSTR...AF-AFOSR-0326-66
PROJECT/TASK.....9767/01

AFOSR 68-1853
UNIVERSITY OF MINNESOTA
PARABOLIC EQUATIONS WITH UNBOUNDED COEFFICIENTS
JOURNAL OF DIFFERENTIAL EQUATIONS V3 N1 PP1-14 JAN 1967
BY ARONSON D G
WESALA P
OAR ACCESS NO.....017310-010
DDC NUMBER.....AD675011
INSTR...AF-AFOSR-0983-65
PROJECT/TASK.....9749/02

AFOSR 68-1854
UNIVERSITY OF MINNESOTA
ADDENDUM TO A PRIORI ESTIMATES FOR SOLUTIONS OF THE MINIMAL SURFACE EQUATION
ARCHIVE FOR RATIONAL MECHANICS AND ANALYSIS V28 N2 PP169-156 1968
BY SERRIN J
OAR ACCESS NO.....017311-307
DDC NUMBER.....AD675001
INSTR...AF-AFOSR-0883-67
PROJECT/TASK.....9749/02

AFOSR 68-1855
UNIVERSITY OF NEW MEXICO
POWER AND AFFECTIVITY IN THE SOCIALIZATION OF AIR FORCE ROTC CADETS
TECHNICAL REPORT NO 1
OAR ACCESS NO.....014243-002
BY POTTER H R
DDC NUMBER.....AD676285
INSTR...AF-AFOSR-0507-67
PROJECT/TASK.....9778/02

AFOSR 68-1856
UNIVERSITY OF NEW MEXICO
LEADERSHIP BEHAVIOR OF AIR FORCE ROTC CADETS
TECHNICAL REPORT NO 2
OAR ACCESS NO.....014243-001
BY POTTER H R
DDC NUMBER.....AD676667
INSTR...AF-AFOSR-0507-67
PROJECT/TASK.....9778/02

AFOSR 68-1857
CALIFORNIA INSTITUTE OF TECHNOLOGY
A SCALING TECHNIQUE FOR THE DESIGN OF IDEALIZED ELECTROMAGNETIC LENSES
OAR ACCESS NO.....000153-005
BY BAUM C E
DDC NUMBER.....AD676035
INSTR...AF-AFOSR-1400-68
PROJECT/TASK.....9768/02

AFOSR 68-1859
UNIVERSITY OF TEXAS AT AUSTIN
A COMPUTER CODE FOR RECOMBINATION AND DIFFUSION CONTROLLED AFTERGLOWS
JSEP TECHNICAL MEMORANDUM NO 1
OAR ACCESS NO.....015242-072
BY FROMMHOLD L W
DDC NUMBER.....AD676992
INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....4751/00

AFOSR 68-1860
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
A NEW FINITE ELEMENT MODEL FOR SOLID CONTINUA
OAR ACCESS NO.....009085-002
BY TONG P
DDC NUMBER.....AD676600
INSTR...F44620-67-C-0019
PROJECT/TASK.....9782/01

AFOSR 68-1861
STANFORD UNIVERSITY
NONLINEAR OSCILLATIONS OF ELASTIC PANELS IN A SUPERSONIC NONVISCOUS AIRSTREAM
SUDAAR NO 354
OAR ACCESS NO.....023201-001
BY FASTEP F E
DDC NUMBER.....AD676662
INSTR...F44620-68-C-0036
PROJECT/TASK.....9781/02

AFOSR 68-1862
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
APPLICATION OF THE METHOD OF PARAMETRIC DIFFERENTIATION TO RADIATION GASDYNAMICS
TR 148
OAR ACCESS NO.....001193-011
BY JISCHKE M C
DDC NUMBER.....AD676671
INSTR...AF-49(638)1621
PROJECT/TASK.....9781/02

AFOSR 68-1866
UNIVERSITY OF CALIFORNIA
SUPERCONDUCTIVITY AND LATTICE PARAMETERS IN FACE-CENTERED CUBIC PLATINUM TUNGSTEN AND PALLADIUM TUNGSTEN SOLID SOLUTIONS
JOURNAL OF THE LESS-COMMON METALS V15 PP299-302 1968
OAR ACCESS NO.....018831-013
BY LUO H L
DDC NUMBER.....AD675021
INSTR...AF-AFOSR-0631-67
PROJECT/TASK.....9763/03

AFOSR 68-1867
STANFORD UNIVERSITY
ON THE GENERATION OF ALL SPECTRAL FACTORS
IEEE TRANSACTIONS ON INFORMATION THEORY VIT-14 N3 PP512-514 MAY 1968
OAR ACCESS NO.....011062-005
BY NEWCOMB R W
ANDERSON B D O
DDC NUMBER.....AD674906
INSTR...F44620-67-C-0001
PROJECT/TASK.....9749/01

AFOSR 68-1868
UNIVERSITY OF SOUTHERN CALIFORNIA
AN EVALUATION OF ABSORPTION CORRECTION FUNCTIONS FOR ELECTRON PROBE MICROANALYSIS
BRIT J APPL PHYS VI PP529-540 30 OCT 1967 SL02
OAR ACCESS NO.....011V11-008
BY ANDERSEN C A
WITTRY D B
DDC NUMBER.....AD674985
INSTR...AF-AFOSR-0076-66
PROJECT/TASK.....9761/03

AFOSR 68-1869
NORTHWESTERN UNIVERSITY
REALIZATION OF A CLASS OF SWITCHING FUNCTIONS BY THRESHOLD-LOGIC NETWORKS
IEEE TRANSACTIONS ON COMPUTERS VC-17 N4 PP391-399 APRIL 1968
OAR ACCESS NO.....027690-004
BY YAU S S
OSTAPKO D L
DDC NUMBER.....AD674946
INSTR...AF-AFOSR-1292-67
PROJECT/TASK.....9749/01

AFOSR 68-1870
CORNELL UNIVERSITY
STRUCTURE TRANSFORMATIONS ON CLEAVED AND ANNEALED GE(111) SURFACES
SURFACE SCIENCE V11 N1 PP183-198 JULY 1968
OAR ACCESS NO.....017060-010
BY PALMBERG P W
DDC NUMBER.....AD675020
INSTR...AF-AFOSR-0876-65
PROJECT/TASK.....9761/03

AFOSR 68-1871
COLUMBIA UNIVERSITY
CLASSICAL AND QUANTUM RATE THEORIES FOR SOLIDS
THE PHYSICAL REVIEW V159 N3 PP570-577 15 MAY 1968
OAR ACCESS NO.....007362-001
BY WEINER J H
DDC NUMBER.....AD675000
INSTR...AF-AFOSR-0228-67
PROJECT/TASK.....9761/03

AFOSR 68-1872
NORTHWESTERN UNIVERSITY
NEEL TRANSFORMATION IN NEAR-STOICHIOMETRIC IRON SUB X OXYGEN
JOURNAL OF APPLIED PHYSICS V39 N5 PP2478-2479 APRIL 1968
OAR ACCESS NO.....013070-007
BY KOCH F B
FINE M E
DDC NUMBER.....AD675017
INSTR...AF-AFOSR-0327-63
PROJECT/TASK.....9763/01

AFOSR 68-1873
NORTHWESTERN UNIVERSITY
MAGNETIC PROPERTIES OF IRON SUBX OXYGEN AS RELATED TO THE DEFECT STRUCTURE
JOURNAL OF APPLIED PHYSICS V38 N3 PP1470-1471 MARCH 1967
OAR ACCESS NO.....013070-008
BY KOCH F B
FINE M E
DDC NUMBER.....AD685757
INSTR...AF-AFOSR-0327-63
PROJECT/TASK.....9763/01

AFOSR 68-1874
UNIVERSITY OF CALIFORNIA
CRITICAL-FIELD MEASUREMENT OF SUPERCONDUCTING TUNGSTEN AS RELATED TO THE CESIUM-MAGNESIUM-NITRATE TEMPERATURE SCALE
PHYSICAL REVIEW LETTERS V21 N1 PP28-31 JULY 1 1968
OAR ACCESS NO.....018831-014
BY WILLIAM C BLACK JR
DDC NUMBER.....AD674973
INSTR...AF-AFOSR-0631-67
PROJECT/TASK.....9763/03

AFOSR 68-1875
UNIVERSITY OF MICHIGAN
MULTIDIMENSIONAL LAGRANGE AND PONTRYAGIN PROBLEMS
MATHEMATICAL THEORY OF CONTROL ACADEMIC PRESS NEW YORK PP272-284 1967
OAR ACCESS NO.....017920-001
BY CESARI L
DDC NUMBER.....AD 76113
INSTR...AF-AFOSR-0142 65
PROJECT/TASK.....9749/02

AFOSR 68-1876
TEXAS INSTRUMENTS INC
PARAMAGNETIC RESONANCE OF IRON-COPPER IRON-SILVER AND IRON-LITHIUM ASSOCIATES IN TWO-FOUR COMPOUNDS
PHYSICAL REVIEW V169 N2 PP356-372 10 MAY 68
OAR ACCESS NO.....027700-004
BY HOLTON W C
DEWIT M
ESTLE T L
DISCHLER B
SCHNEIDER J
DDC NUMBER.....AD674993
INSTR...F44620-67-C-0073
PROJECT/TASK.....9763/02

AFOSR 68-1877
UNIVERSITY OF TENNESSEE
DISCUSSION OF AGGRESSION DEFENSE AND NEUROHUMORS - PAPER BY ALAN B ROTHBALLER PROCEEDINGS OF THE FIFTH CONFERENCE ON BRAIN FUNCTION
BRAIN FUNCTION VS N7 AGGRESSION & DEFENSE NEURAL MECHANISMS & SOCIAL PATTERNS EDS CAMMINE AND LINDSLEY U OF CALIF PRESS L A PP150-177 1967
OAR ACCESS NO.....020931-002
BY WELCH B L
DDC NUMBER.....AD675117
INSTR...AF-AFOSR-1227-67
PROJECT/TASK.....9777/01

AFOSR 68-1879
MIDWEST RESEARCH INSTITUTE
A STUDY OF THE ELECTRIC DEFLECTION OF MOLECULAR BEAMS
BY GREENE F T
MILNE T A
OAR ACCESS NO.....017851-002
DOC NUMBER.....AD677330
INSTR...AF-49(638)-01724
PROJECT/TASK.....9750/01

AFOSR 68-1881
UNIVERSITY OF CALIFORNIA
ON DIFFERENTIAL GAMES
INTERN NJ CONTROL V6 N3 1967
BY CHATTOPADHYAY R
OAR ACCESS NO.....018983-006
DOC NUMBER.....AD674974
INSTR...AF-AFOSR-0899-67
PROJECT/TASK.....9781/01

AFOSR 68-1882
U S INDUSTRIAL CHEMICALS CO
CATALYTIC HYDROGENATION AND HYDROGENOLYSIS BY PENTACYANOCOBALTATE /II/
ADVANCES IN CHEMISTRY SERIES HOMOGENEOUS CATALYSIS AM CHEM SOC 1968
BY KWIATEK J
SEYLER J K
OAR ACCESS NO.....013670-006
DOC NUMBER.....AD674944
INSTR...AF-49(638)-01214
PROJECT/TASK.....9762/03

AFOSR 68-1883
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
BIS /TRIMETHYLSILYL/DICHLOROMETHYL/ MERCURY A NEW AND USEFUL REAGENT IN SYNTHETIC ORGANOSILICON CHEMISTRY
JOURNAL AMERICAN CHEMICAL SOCIETY V90 N9 PP2438-2440 28 APRIL 1968
BY SEYFERTH D
HANSON E M
OAR ACCESS NO.....023400-001
DOC NUMBER.....AD675003
INSTR...AF-AFOSR-1350-68
PROJECT/TASK.....9762/02

AFOSR 68-1884
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
HALOMETHYLMETAL COMPOUNDS XVII THE MECHANISM OF DICHLOROCARBENE INSERTION INTO THE SI-H BOND BY THE MERCURIAL ROUTE
JOURNAL AMERICAN CHEMICAL SOCIETY V90 N11 PP2944-2948 22 MAY 1968
BY SEYFERTH D
DAMRAUER R
MUI J Y P
JULA T F
OAR ACCESS NO.....023400-002
DOC NUMBER.....AD675004
INSTR...AF-AFOSR-1350-68
PROJECT/TASK.....9762/02

AFOSR 68-1885
VIRGINIA INSTITUTE FOR SCIENTIFIC RSCH
THE STUDY OF SURFACE CHEMISTRY BY THERMOSTIMULATED EFFECT
JOURNAL ELECTROCHEMICAL SOCIETY V115 N7 PP775C-779C JULY 1968
BY MADISON W C JR
OAR ACCESS NO.....015210-004
DOC NUMBER.....AD674969
INSTR...AF-AFOSR-0739-65
PROJECT/TASK.....9760/01

AFOSR 68-1886
STANFORD UNIVERSITY
THE (M)DYNAMICS OF MIXING OF N-ALKANES WITH POLYISOBUTYLENE MACROMOLECULES VI N3 PP205-236 MAY-JUNE 1968
BY FLORY P J
ELLENSON J L
ETTINGER H E
OAR ACCESS NO.....010101-043
DOC NUMBER.....AD674195
INSTR...AF-49(638)-01341
PROJECT/TASK.....9750/03

AFOSR 68-1887
STANFORD UNIVERSITY
DETERMINATION OF THE EQUATION OF STATE OF POLYISOBUTYLENE MACROMOLECULES VI N3 PP205-236 MAY-JUNE 1968
BY ETTINGER H E
FLORY P J
CAN ACCESS NO.....010101-041
DOC NUMBER.....AD674697
INSTR...AF-49(638)-01341
PROJECT/TASK.....9750/03

AFOSR 68-1888
STANFORD UNIVERSITY
THERMODYNAMICS OF MIXING POLYMETHYLENE AND POLYISOBUTYLENE MACROMOLECULES VI N3 PP205-236 MAY-JUNE 1968
BY FLORY P J
ETTINGER H E
HOGEN V A
OAR ACCESS NO.....010101-042
DOC NUMBER.....AD674696
INSTR...AF-49(638)-01341
PROJECT/TASK.....9750/03

AFOSR 68-1889
TECHNION RSCH & DEVELOPMENT FOUNDATION
TERNARY CIRCULAR CASCADES
IEEE TRANSACTIONS ON COMPUTERS VC-17 N1 PP15-27
JANUARY 1968
BY YOELI M
OAR ACCESS NO.....018971-002
DOC NUMBER.....AD674989
INSTR...AF-EOAR-68-0021-67
PROJECT/TASK.....9764/01

AFOSR 68-1890
STANFORD UNIVERSITY
PLASMA PHYSICS AND RELATED TOPICS IN ASTROPHYSICS
BY STURROCK P A
OAR ACCESS NO.....006502-019
DOC NUMBER.....AD677314
INSTR...AF-49(638)-01321
PROJECT/TASK.....9767/04

AFOSR 68-1891
UNIVERSITY OF MICHIGAN
VERBAL SHORT TERM MEMORY AS A FUNCTION OF DEGREE OF LEARNING IN A PERCEPTUAL MOTOR INTERPOLATED ACTIVITY
BY CROWDER R G
OAR ACCESS NO.....015920-037
DOC NUMBER.....AD675012
INSTR...AF-49(638)-01235
PROJECT/TASK.....5002/00

AFOSR 68-1892
STANFORD UNIVERSITY
A GENERAL SOLUTION FOR THE PLASTIC QUARTER-SPACE FINAL REPORT AUGUST 1968
BY HEFFAN M
OAR ACCESS NO.....016880-001
DOC NUMBER.....AD678213
INSTR...AF-49(638)-01475
PROJECT/TASK.....9782/01

AFOSR 68-1893
UNIVERSITY OF PITTSBURGH
METHODOLOGY FOR THE ANALYSIS OF INTERNAL SOCIAL MOVEMENTS /SOCIAL MOVEMENTS AND SOCIAL SYSTEM CHANGE/
BY MUZRAK M
YANG C K
OAR ACCESS NO.....021181-001
DOC NUMBER.....AD676865
INSTR...AF-AFOSR-1304-67
PROJECT/TASK.....9779/02

AFOSR 68-1894
UNIVERSITY OF NEW MEXICO
INFLUENCE OF A CAMPUS ENVIRONMENT ON STUDENT COMMITMENT TO A PARA-MILITARY ORGANIZATION FINAL REPORT OCT 1968
BY MUSCHOUSE C E
OAR ACCESS NO.....014763-003
DOC NUMBER.....AD676280
INSTR...AF-AFOSR-0507-67
PROJECT/TASK.....9778/02

AFOSR 68-1895
STANFORD UNIVERSITY
FLOW WITH COUPLED RADIATIVE AND VIBRATIONAL NONEQUILIBRIUM IN A DIATOMIC GAS
BY GILLES S E
OAR ACCESS NO.....014460-009
DOC NUMBER.....AD677012
INSTR...AF-49(638)-01280
PROJECT/TASK.....9781/01

AFOSR 68-1899
NORTHWESTERN UNIVERSITY
ANNUAL REPORT - SEPARATED FLOWS
BY PAGE W M
OAR ACCESS NO.....024150-001
DOC NUMBER.....AD676287
INSTR...F44620-68-C-0018
PROJECT/TASK.....7921/04

AFOSR 68-1900
UNIVERSITY OF VIRGINIA
SURFACE SOFTENING AND OTHER SURFACE PHENOMENA FINAL REPORT JULY 1968
BY CADENA A
OAR ACCESS NO.....022130-001
DOC NUMBER.....AD676702
INSTR...AF-AFOSR-1130-66
PROJECT/TASK.....9761/01

AFOSR 68-1901
STANFORD UNIVERSITY
PARAMETERS OF HYPNOSIS WITH SPECIAL REFERENCE TO POSTHYPNOTIC AMNESIA AND HYPNOTIC ANALGESIA FINAL REPORT OCT 1968
BY HILGARD E R
OAR ACCESS NO.....015470-008
DOC NUMBER.....AD677758
INSTR...AF-49(638)-01430
PROJECT/TASK.....9770/01

AFOSR 68-1903
UNIVERSITY OF MICHIGAN
SMOOTHNESS PROPERTIES OF PERIODIC SOLUTIONS IN THE LARGE OF NONLINEAR HYPERBOLIC DIFFERENTIAL SYSTEMS
FUNKCIALAJ EKVACIOJ V9 N1-3 PP125-134 DECEMBER 1966
BY LEWIS C
OAR ACCESS NO.....017620-002
DOC NUMBER.....AD675014
INSTR...AF-AFOSR-0962-65
PROJECT/TASK.....9769/02

AFOSR 68-1904
PRINCETON UNIVERSITY
THE SELF-ADJOINTNESS FOR LAGRANGIAN SYSTEMS
IN ASTRONAUTICAL JOURNAL V150 N4 PP1121-1128 JUNE 1968
BY ROSSER J M
OAR ACCESS NO.....016509-029
DOC NUMBER.....AD675011
INSTR...AF-49(638)-01545
PROJECT/TASK.....9767/03

AFOSR 68-1906
CALIFORNIA INSTITUTE OF TECHNOLOGY
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NAPHTHA-LENE-SENSITIZED PHOTORACEMIZATION OF SULFOXIDES
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MAY 1968
DAR ACCESS NO.....015060-014
BY COOKE W S — DDC NUMBER.....AD674173
HAMMOND G S — INSTR...AF-49(638)-1479
PROJECT/TASK.....9762/01

AFOSR 68-1905
UNIVERSITY OF ARIZONA
ANIONIC POLYMERIZATION AND COPOLYMERIZATION OF
ACRYLOPHENONE
JOURNAL POLYMER SCIENCE V6 PTA-1 PP1849-1855 1968
DAR ACCESS NO.....014890-004
BY MULVANEY J E — DDC NUMBER.....AD676195
DILLON J G — INSTR...AF-AFOSR-0720-65
PROJECT/TASK.....9762/02

AFOSR 68-1906
UNIVERSITY OF MINNESOTA
A MAXIMUM PRINCIPLE FOR NONLINEAR PARABOLIC EQUATIONS
ANNALI DELLA SCUOLA NORMALE SUPERIORE DI PISA CLASSE DI
SCIENZE V21 N2 PP291-305 1967
DAR ACCESS NO.....017310-019
BY AMONSON D G — DDC NUMBER.....AD676392
SERRIN J — INSTR...AF-AFOSR-0883-65
PROJECT/TASK.....9749/02

AFOSR 68-1907
UNIVERSITY OF MINNESOTA
ASYMPTOTIC BEHAVIOR OF INTEGRALS CONNECTED WITH SPECTRAL
FUNCTIONS OF HYPOELLIPTIC OPERATORS
ARKIV FOR MATEMATIK V7 N20 PP283-298 1967
DAR ACCESS NO.....017310-020
BY FRIEDRG J — DDC NUMBER.....AD676393
INSTR...AF-AFOSR-0883-65
PROJECT/TASK.....9749/02

AFOSR 68-1908
BRANDEIS UNIVERSITY
DISTRIBUTION AND EXCHANGE OF EXCESS VIBRATIONAL ENERGY
PRODUCED IN THE PHOTOLYSIS OF 2 3-DIAZAMICYCLO(2.2.1/
HEPT-2-ENE
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DAR ACCESS NO.....019181-002
BY THOMAS T F — DDC NUMBER.....AD675915
SUTIN C I — INSTR...AF-AFOSR-1587-66
STEEL C — PROJECT/TASK.....9760/01

AFOSR 68-1909
UNIVERSIDAD DE CHILE
GROWTH AND STRUCTURE OF SINGLE-CRYSTAL FILMS FINAL REPORT
JULY 1968
DAR ACCESS NO.....018250-001
BY GRUNBAUM E — DDC NUMBER.....AD676010
INSTR...AF-AFOSR-0790-65
PROJECT/TASK.....9761/02

AFOSR 68-1910
UNIVERSITY OF ARIZONA
POLYMERIZATION AND COPOLYMERIZATION OF ALPHA-METHACRYLO-
PHENONE
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BY LAYTON J K
SMITH J N JR
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DDC NUMBER.....AD676701
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DDC NUMBER.....AD677172
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PRINCETON UNIVERSITY
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BY SANDKO T
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OAR ACCESS NO.....008705-026
BY NAKAMURA J K — DDC NUMBER.....AD677144
SCHWARZ S E — INSTR...AF-AFOSR-0139-66
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BY LEWIS E R — DDC NUMBER.....AD677405
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ARGUILLA E R — INSTR...AF-AFOSR-0139-67
VOGELHUT P O — PROJECT/TASK.....4751/00

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FRANK H — INSTR...AF-AFOSR-0139-66
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BY LIN S H — DDC NUMBER.....AD677405
MEI K K — INSTR...AF-AFOSR-0139-66
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BY AJMERA H C — DDC NUMBER.....AD676809
LASHINSKY H — INSTR...AF-AFOSR-1016-67
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BY PAN Y S — DDC NUMBER.....AD676604
LAURIN R V — INSTR...AF-AFOSR-0810-65
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BY SHANA M Y — DDC NUMBER.....AD676799
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UNIVERSITY OF MIAMI
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BY SANTILLI R M — DDC NUMBER.....AD676737
INSTR...AF-49(638)01260
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GURTIN M E — INSTR...AF-AFOSR-1220-66
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NORRIS A C — INSTR...AF-EOAR -0031-67
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PAUNOVITCH M S — INSTR...AF-69/038/01633
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GREEN M — INSTR...AF-A1/052/00867
WAYNE N — PROJECT/TASK.....9710/02
STONE F G A

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CUNDY C S
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BY HEVAN D J M — DDC NUMBER.....AD677757
MANN A W — INSTR...AF-AFOSR-3853-65
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OAR ACCESS NO.....023270-002
BY BUECHNER H K — DDC NUMBER.....AD677010
TYSON E L — INSTR...F44620-67-C-0013
KIM K C — PROJECT/TASK.....9777/01

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LITTLE ARTHUR D INC
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OAR ACCESS NO.....023640-001
BY LITTLE R W — DDC NUMBER.....AD676683
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SMUFORD/MASSENGILL CORP
DECISION-THEORETIC PSYCHOMETRICS A LOGICAL ANALYSIS OF GUESSING
OAR ACCESS NO.....022410-001
BY MASSENGILL H E — DDC NUMBER.....AD677202
SMUFORD E H JR — INSTR...AF-49/638/01744
PROJECT/TASK.....9719/00

AFOSR 68-2155
SMUFORD/MASSENGILL CORP
DECISION-THEORETIC PSYCHOMETRICS THE EFFECT OF GUESSING ON THE QUALITY OF PERSONNEL AND COUNSELING DECISIONS
OAR ACCESS NO.....022410-002
BY SMUFORD E H — DDC NUMBER.....AD677203
MASSENGILL H E — INSTR...AF-49/638/01744
PROJECT/TASK.....9719/00

AFOSR 68-2156
SHUFORD/MASSENGILL CORP
DECISION-THEORETIC PSYCHOMETRICS THE WORTH OF INDIVIDUALIZING INSTRUCTION
DAR ACCESS NO.....022410-003
BY SHUFORD E H JR — DOC NUMBER.....AD677204
MASSENGILL H E — INSTR...AF-49(638)-01744
PROJECT/TASK.....9719/00

AFOSR 68-2157
SHUFORD/MASSENGILL CORP
WHAT PUPILS AND TEACHERS SHOULD KNOW ABOUT GUESSING
SMC R-7
DAR ACCESS NO.....022410-004
BY MASSENGILL H E — DOC NUMBER.....AD677205
SHUFORD E H JR — INSTR...AF-49(638)-01744
PROJECT/TASK.....9719/00

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SHUFORD/MASSENGILL CORP
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SMC R-8
DAR ACCESS NO.....022410-005
BY SHUFORD E H JR — DOC NUMBER.....AD677206
MASSENGILL H E — INSTR...AF-49(638)-01744
PROJECT/TASK.....9719/00

AFOSR 68-2159
SHUFORD/MASSENGILL CORP
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SMC R-9
DAR ACCESS NO.....022410-006
BY SHUFORD E H JR — DOC NUMBER.....AD677207
INSTR...AF-49(638)-01744
PROJECT/TASK.....9719/00

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SHUFORD/MASSENGILL CORP
A REPORT ON THE EFFECT OF DEGREE OF CONFIDENCE IN STUDENT TESTING
SMC R-11
DAR ACCESS NO.....022410-007
BY MASSENGILL H E — DOC NUMBER.....AD677209
SHUFORD E H JR — INSTR...AF-49(638)-01744
PROJECT/TASK.....9719/00

AFOSR 68-2162
SHUFORD/MASSENGILL CORP
AIRMAN QUALIFYING EXAMINATION-AS ADMINISTERED AS A CONFIDENCE TEST
SMC R-12
DAR ACCESS NO.....022410-008
BY SHUFORD E H — DOC NUMBER.....AD677210
MASSENGILL H E JR — INSTR...AF-49(638)-01744
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BROOKLYN POLYTECHNIC INSTITUTE OF
PROGRESS REPORT NO 33 TO THE JOINT SERVICES TECHNICAL ADVISORY COMMITTEE
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BY OLINER A A — DOC NUMBER.....AD679135
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PROJECT/TASK.....4751/00

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BY OKLAMATEN J — DOC NUMBER.....AD677321
MEENEN R — INSTR...AF-AFOSR-0983-65
CLIGNET R — PROJECT/TASK.....9779/02
KELMAN H
SMITH M B

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HEART RATE RESPONSE TO SOUND AND LIGHT
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BAYLOR UNIVERSITY
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BY MCCOLLUM M — DOC NUMBER.....AD677755
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MCNAB L — INSTR...AF-AFOSR-1161-66
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INST OF INVESTIGACION DE CIENCIAS
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DAR ACCESS NO.....022920-001
BY SOTELO J R — DOC NUMBER.....AD677287
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BY HARKER J E — DOC NUMBER.....AD677609
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GENERAL ELECTRIC CO
GAS CHROMATOGRAPHY FOR DETECTION OF VIRAL INFECTIONS
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BY MITSUKA B M — DOC NUMBER.....AD677742
ALEXANDER M — INSTR...AF-49(638)-01737
PROJECT/TASK.....9777/01

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BY MITSUKA B M — DOC NUMBER.....AD677614
NANCROSS N L — INSTR...AF-49(638)-01737
ALEXANDER M — PROJECT/TASK.....9777/01

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GENERAL ELECTRIC CO
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BY HENIS Y — DOC NUMBER.....AD677767
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OAR ACCESS NO.....019631-000
BY GOULD J R — DOC NUMBER.....AD678202
GILBERT R A — INSTR...AF-49(638)01737
SMITH J E — PROJECT/TASK.....9777/01
MITRUKA D M
ALEXANDER M

AFOSR 68-2181
INSTITUTE FOR ADVANCED STUDY
SPECIAL PROGRAM IN MATHEMATICAL ANALYSIS
OAR ACCESS NO.....021610-007
BY BEURLING A — DOC NUMBER.....AD678201
INSTR...AF-AFOSR-1071-66
PROJECT/TASK.....9749/02

AFOSR 68-2182
TEMPLE UNIVERSITY
DISTRIBUTION OF PRODUCT AND QUOTIENT OF BESSEL FUNCTION VARIATES
OAR ACCESS NO.....024183-003
BY KOTZ S — DOC NUMBER.....AD677288
SRINIVASAN R — INSTR...AF-AFOSR-1411-68
PROJECT/TASK.....9769/02

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UNIVERSITY OF CALIFORNIA
BEING LUE USES AND ABUSES OF ETHNIC IDENTIFICATION
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OAR ACCESS NO.....024470-001
BY HOERMAN M — DOC NUMBER.....AD677145
INSTR...AF-AFOSR-1167-66
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UNIVERSITY OF CALIFORNIA
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BY MACKENZIE K R — DOC NUMBER.....AD677296
INSTR...AF-AFOSR-0567-66
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CARNEGIE/MELLON UNIVERSITY
AN EFFICIENT CONTEXT-FREE PARSING ALGORITHM
OAR ACCESS NO.....022901-002
BY EARLEY J — DOC NUMBER.....AD677685
INSTR...F44620-67-C-0058
PROJECT/TASK.....9718/00

AFOSR 68-2186
NORTH CAROLINA STATE UNIVERSITY
THE DETERMINATION OF THE STRESS INTENSITY FACTORS OF A PAIR OF COPLANER GRIFFITH CRACKS WHOSE SURFACES ARE LOADED ASSYMMETRICALLY
OAR ACCESS NO.....011593-012
BY TWEED J — DOC NUMBER.....AD840083
INSTR...AF-AFOSR-0448-66
PROJECT/TASK.....9749/01

AFOSR 68-2187
MICHIGAN STATE UNIVERSITY
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BY REYNOLDS R G — DOC NUMBER.....AD677241
KILMER W L — INSTR...AF-AFOSR-1023-67
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BY HOWER E U — DOC NUMBER.....AD677335
INSTR...AF-AFOSR-0621-66
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RESEARCHES ON RAREFIED GASDYNAMICS HYPERSONIC FLOW ROTATING STALL FINAL REPORT JULY 1968
OAR ACCESS NO.....001139-009
BY FERRARI C — DOC NUMBER.....AD677168
INSTR...AF-EOAR -0028-66
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NORTH CAROLINA UNIVERSITY OF
RELATIVITY AND COSMOLOGY W B SAUNDERS CO PHILADELPHIA 1968
OAR ACCESS NO.....016320-001
BY ROBERTSON H P — DOC NUMBER.....AD678054
NOONAN T W — INSTR...AF-AFOSR-0761-68
PROJECT/TASK.....9751/03

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UNIVERSITY OF ILLINOIS
ELECTROHYDRODYNAMIC SPRAYING OF GALLIUM-INDIUM ALLOY
CRRL-2-67
OAR ACCESS NO.....013248-006
BY SHATIK D S — DOC NUMBER.....AD677292
INSTR...AF-AFOSR-0107-66
PROJECT/TASK.....9752/01

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UNIVERSITY OF NEW YORK STATE
FUNCTIONAL ANALYSIS OF INFORMATION RETRIEVAL FINAL REPORT AUG 1968
OAR ACCESS NO.....014693-001
BY FAIRTHORNE R A — DOC NUMBER.....AD677289
INSTR...AF-AFOSR-1421-68
PROJECT/TASK.....9769/02

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UNIVERSITY OF CALIFORNIA
FLAMES KINETICS AND SPECTROSCOPY
OAR ACCESS NO.....009881-003
BY BAYES K D — DOC NUMBER.....AD677337
INSTR...AF-AFOSR-0687-64
PROJECT/TASK.....9760/02

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UNIVERSITY COLLEGE OF NORTH WALES
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OAR ACCESS NO.....016950-003
BY SHERIDAN J — DOC NUMBER.....AD677338
INSTR...AF-EOAR -0090-68
PROJECT/TASK.....9767/01

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UNIVERSITY METHODIST SOUTHERN
AUTOMATIC NAVIGATION
OAR ACCESS NO.....024290-010
BY SAGE A P — DOC NUMBER.....AD677304
INSTR...F44620-68-C-0023
PROJECT/TASK.....7921/00

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UNIVERSITY OF STOCKHOLM
ADAPTATION TO MUSCULAR EFFORT
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OAR ACCESS NO.....003843-002
BY HOSMAN J — DOC NUMBER.....AD819098
INSTR...AF-61/052/00078
PROJECT/TASK.....9778/01

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UNIVERSITY OF STOCKHOLM
A FURTHER STUDY OF THE TEMPORAL INTEGRATION OF LOUDNESS
OAR ACCESS NO.....003843-003
BY BERGLUND B — DOC NUMBER.....AD835530
BERGLUND U — INSTR...AF-61/052/00078
PROJECT/TASK.....9778/01

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ARTIFICIAL STIMULATION OF EARTHQUAKES
OAR ACCESS NO.....023780-001
BY HANSON H E
DOC NUMBER.....AD677301
INSTR...F44620-67-C-0113
PROJECT/TASK.....9762/00

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OAR ACCESS NO.....021990-002
BY DAUERMAN L
DOC NUMBER.....AD685512
INSTR...AF-AFOSR-1106-66
PROJECT/TASK.....9713/01

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OAR ACCESS NO.....022851-001
BY KIMBLE D P
DOC NUMBER.....AD681246
INSTR...F49604-67-C-0154
PROJECT/TASK.....9769/04

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BROWN UNIVERSITY
THEORY OF DYNAMICAL SYSTEMS REPRESENTED BY DIFFERENTIAL EQUATIONS AND ALGEBRAIC STRUCTURES
OAR ACCESS NO.....023860-001
BY WEISS L
DOC NUMBER.....AD677290
INSTR...AF-AFOSR-1346-68
PROJECT/TASK.....9749/01

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UNIVERSITY OF MINNESOTA
PROTONATION IN ACETONITRILE OF WATER ALCOHOLS AND DIETHYL ETHER
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OAR ACCESS NO.....022320-004
BY KOLTHOFF I M
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DOC NUMBER.....AD677498
INSTR...AF-AFOSR-1223-67
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PRINCETON UNIVERSITY
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BY CRABBE P
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OAR ACCESS NO.....004861-061
BY BENDER C M
DOC NUMBER.....AD677484
INSTR...AF-49(638)-01380
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BY ATKINSON D
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INSTR...AF-AFOSR-1471-68
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BY MARTIN P C
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UNIVERSITY OF CALIFORNIA
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BY DASHEN R
HALPERN M B
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INSTR...AF-AFOSR-0232-66
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DOC NUMBER.....AD677807
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DOC NUMBER.....AD677672
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PROJECT/TASK.....9751/02

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GULF/GENERAL ATOMIC INC
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OAR ACCESS NO.....000301-003
BY SMITH J N
SALTSBURG H
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INSTR...AF-49(638)-01380
PROJECT/TASK.....9767/04

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OAR ACCESS NO.....020770-007
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DOC NUMBER.....AD677480
INSTR...AF-49(638)-01695
PROJECT/TASK.....9752/01

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BY JAUNZEMIS W
DOC NUMBER.....AD677471
INSTR...AF-49(638)-01425
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UNIVERSITY OF TEXAS
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FINE M E

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BY JENKINS H
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INSTR...AF-AFOSR-0883-65
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BY DIAMOND H G

OAR ACCESS NO.....021610-005
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UNIVERSITY OF ROCHESTER
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MANDEL L

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BY SAGE A P

OAR ACCESS NO.....029290-017
DOC NUMBER.....AD678055
INSTR...F44620-68-C-0023
PROJECT/TASK.....7921/01

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PRINCETON UNIVERSITY
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BY SALVA F O
MATHER O R
MISLOW K

OAR ACCESS NO.....022000-014
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INSTR...AF-AFOSR-1188-67
PROJECT/TASK.....9762/01

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PRINCETON UNIVERSITY
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OAR ACCESS NO.....022000-015
DOC NUMBER.....AD677150
INSTR...AF-AFOSR-1188-67
PROJECT/TASK.....9762/01

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OAR ACCESS NO.....022000-017
DOC NUMBER.....AD677705
INSTR...AF-AFOSR-1188-67
PROJECT/TASK.....9762/01

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DUKE UNIVERSITY
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PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES V60 N2 PP450-455 JUNE 1968

BY LICHTER J J
GUNDY W

OAR ACCESS NO.....000276-020
DOC NUMBER.....AD677804
INSTR...AF-AFOSR-0493-66
PROJECT/TASK.....9767/02

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OAR ACCESS NO.....018120-007
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INSTR...AF-AFOSR-0932-66
PROJECT/TASK.....9749/02

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UNIVERSITY OF MINNESOTA
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PROJECT/TASK.....9749/02

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INSTR...AF-AFOSR-0100-65
PROJECT/TASK.....9782/01

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PROJECT/TASK.....9749/02

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UNIVERSITY OF NEW YORK STATE
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BY DANNHAUSER W

OAR ACCESS NO.....007681-008
DOC NUMBER.....AD677173
INSTR...AF-AFOSR-0271-63
PROJECT/TASK.....9760/03

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SYRACUSE UNIVERSITY
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BY LORENTZ G G

OAR ACCESS NO.....003503-010
DOC NUMBER.....AD677329
INSTR...AF-49(638)-01401
PROJECT/TASK.....9769/01

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OAR ACCESS NO.....027610-001
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INSTR...F44620-67-C-0085
PROJECT/TASK.....9778/01

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INSTR...AF-AFOSR-0698-67
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BY JUDD B R
CROSSWHITE H M
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OAR ACCESS NO.....004603-006
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INSTR...AF-49(638)-01407
PROJECT/TASK.....9767/02

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UNIVERSITY OF SYDNEY
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DDC NUMBER.....AD677618
INSTR...AF-AFOSR-0915-66
PROJECT/TASK.....9763/02

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DUKE UNIVERSITY
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OAR ACCESS NO.....000274-021
BY LIMING F G JR
DDC NUMBER.....AD676044
GURDY W
INSTR...AF-AFOSR-0493-66
PROJECT/TASK.....9767/02

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UNIVERSITY COLLEGE
ION CONVERSION IN AN ARGON AFTERGLOW
BRITISH JOURNAL OF APPLIED PHYSICS V1 N2 PP889-893 FEB 1968
OAR ACCESS NO.....012292-002
BY CRONIN J C
DDC NUMBER.....AD677712
SEXTON M C
INSTR...AF-EOAR -0032-67
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OAR ACCESS NO.....000705-029
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DDC NUMBER.....AD677501
ZIEN L
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PROJECT/TASK.....4751/00

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UNIVERSITY OF NEVADA
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OAR ACCESS NO.....023930-006
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DDC NUMBER.....AD677632
INSTR...AF-AFOSR-1384-68
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AFOSR 68-2255
NORTHWESTERN UNIVERSITY
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BY FREUND L B
DDC NUMBER.....AD677626
ACHENBACH J D
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ASTRONOMICAL JOURNAL V73 N2 PT1 PP104-110 MARCH 1968
OAR ACCESS NO.....022200-002
BY MADJIDEMETRIOU J D
DDC NUMBER.....AD677670
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DDC NUMBER.....AD677677
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PROJECT/TASK.....9749/01

AFOSR 68-2259
YESHIVA UNIVERSITY
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OAR ACCESS NO.....020960-007
BY RAUCH H E
DDC NUMBER.....AD677903
INSTR...AF-AFOSR-1077-68
PROJECT/TASK.....9740/02

AFOSR 68-2260
BROWN UNIVERSITY
STRUCTURALLY STABLE SYSTEMS ON OPEN MANIFOLDS ARE NEVER
DENSE
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OAR ACCESS NO.....019593-008
BY PEIXOTO M M
DDC NUMBER.....AD676982
PUGH C C
INSTR...AF-AFOSR-0693-67
PROJECT/TASK.....9749/01

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OAR ACCESS NO.....017360-013
BY KAILATH T
DDC NUMBER.....AD677647
INSTR...AF-49(638)01517
PROJECT/TASK.....9749/01

AFOSR 68-2262
PRINCETON UNIVERSITY
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OAR ACCESS NO.....005123-023
BY TIKTOPOULOS G
DDC NUMBER.....AD677681
TREIMAN S B
INSTR...AF-49(638)01545
PROJECT/TASK.....9767/04

AFOSR 68-2263
PRINCETON UNIVERSITY
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FACTOR IN TWO-PION ELECTROPRODUCTION EXPERIMENTS
PHYSICAL REVIEW V169 N5 PP1392-1397 25 MAY 1968
OAR ACCESS NO.....005123-024
BY ADLER S L
DDC NUMBER.....AD677628
WEISBERGER W I
INSTR...AF-49(638)01545
PROJECT/TASK.....9767/04

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OAR ACCESS NO.....017251-001
BY RICHTELER K
DDC NUMBER.....AD677702
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PROJECT/TASK.....9767/04

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PRINCETON UNIVERSITY
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OAR ACCESS NO.....005123-025
BY TIKTOPOULOS G
DDC NUMBER.....AD677627
TREIMAN S B
INSTR...AF-49(638)01545
PROJECT/TASK.....9767/04

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UNIVERSITY OF MASSACHUSETTS
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OAR ACCESS NO.....015311-001
BY OLVER J W
DDC NUMBER.....AD677532
DESSETTE R R
INSTR...AF-AFOSR-0777-67
PROJECT/TASK.....9710/03

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OAR ACCESS NO.....007481-007
BY DANNHAUSER W
DDC NUMBER.....AD677622
INSTR...AF-AFOSR-0271-63
PROJECT/TASK.....9760/03

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OXFORD UNIVERSITY
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PROCEEDINGS OF THE IEEE VOL56 N3 P344 MARCH 1968
OAR ACCESS NO.....000104-003
BY EVANS A G R
DDC NUMBER.....AD677678
WALSH D
INSTR...AF-EOAR -0031-67
PROJECT/TASK.....9767/02

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CALIFORNIA INSTITUTE OF TECHNOLOGY
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OAR ACCESS NO.....000581-037
BY EGGEN O J
DDC NUMBER.....AD677488
INSTR...AF-49(638)01323
PROJECT/TASK.....9774/01

AFOSR 68-2270
UNIVERSITY OF FLORIDA
A D-C PULSED BRIDGE FOR DIFFERENTIAL CAPACITY MEASUREMENTS
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OCT 1968
OAR ACCESS NO.....020120-001
BY SCHMID G M
DDC NUMBER.....AD677613
INSTR...AF-AFOSR-1034-68
PROJECT/TASK.....9760/03

AFOSR 68-2271
NEVADA UNIVERSITY OF
KINETICS AND MECHANISM OF ACID HYDROLYSIS OF
ETHYLENEDIAMINEGUANIDO-PALLADIUM (II) ION
JOURNAL INORGANIC NUCLEAR CHEMISTRY V30 PP1971-1973 1968
DAR ACCESS NO.....029050-006
BY MACDONALD D J
DDC NUMBER.....AD677783
INSTR...AF-AFOSR-0994-66
PROJECT/TASK.....9710/02

AFOSR 68-2272
TEXAS A&M UNIVERSITY
EXTENSION OF THE CONTOUR-DISTORTION METHOD IN RELATIVISTIC
THREE-PARTICLE SCATTERING
THE PHYSICAL REVIEW V171 N5 PP1627-1633 25 JULY 1968
DAR ACCESS NO.....017451-003
BY MCCANTON G D
NUTTALL J
DDC NUMBER.....AD677862
INSTR...AF-AFOSR-0914-67
PROJECT/TASK.....9751/02

AFOSR 68-2273
CALIFORNIA STATE COLLEGE
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CONTAINING HARD CORES
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DAR ACCESS NO.....027440-001
BY LAUGHLIN J
SCOTT B L
DDC NUMBER.....AD677520
INSTR...AF-AFOSR-1287-67
PROJECT/TASK.....9751/02

AFOSR 68-2274
PRINCETON UNIVERSITY
ON SYSTEMS WITH UNKNOWN OR UNCERTAIN PARAMETERS
DAR ACCESS NO.....023760-003
BY THOMAS J B
DDC NUMBER.....AD678208
INSTR...AF-AFOSR-1333-67
PROJECT/TASK.....9749/01

AFOSR 68-2275
NEW YORK UNIVERSITY
STRENGTH OF CAUSTICS
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PP1174-1180 MAY 1968
DAR ACCESS NO.....030336-004
BY LUDWIG D
DDC NUMBER.....AD677745
INSTR...AF-AFOSR-0537-67
PROJECT/TASK.....9749/02

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UNIVERSITY OF CALIFORNIA
ON A COMBINATORIAL RESULT OF R A BRUALDI AND M NEWMAN
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DAR ACCESS NO.....014931-012
BY MARCUS M
PIERCE S
DDC NUMBER.....AD677675
INSTR...AF-AFOSR-0690-67
PROJECT/TASK.....9749/01

AFOSR 68-2277
GEORGE WASHINGTON UNIVERSITY
MINIMUM DISCRIMINATION INFORMATION ESTIMATION
BIOMETRICS V24 N3 PP707-711 SEPTEMBER 1968
DAR ACCESS NO.....014121-002
BY IRELAND C T
KULLBACK S
DDC NUMBER.....AD677603
INSTR...AF-AFOSR-1511-68
PROJECT/TASK.....9749/02

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UNIVERSITY OF CALIFORNIA
THE USE OF STOCHASTIC APPROXIMATION TO SOLVE THE SYSTEM
IDENTIFICATION PROBLEM
IEEE TRANSACTIONS ON AUTOMATIC CONTROL VAC-12 N5 PP539-547
OCT 1967
DAR ACCESS NO.....008705-032
BY SARIDIS G J
DDC NUMBER.....AD677673
INSTR...AF-AFOSR-1139-66
PROJECT/TASK.....9751/00

AFOSR 68-2279
INSTITUTE FOR ADVANCED STUDY
BACKWARD COMPTON SCATTERING SUM RULE AND THE PI-ZERO YIELDS
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DAR ACCESS NO.....007748-005
BY CHOUDHURY S N
MAJUMDAR D
DDC NUMBER.....AD677706
INSTR...AF-AFOSR-1365-68
PROJECT/TASK.....9767/04

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UNIVERSITY OF CALIFORNIA
COMMON NOMINAL MULTICONNECTED FLOW
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DAR ACCESS NO.....034705-013
BY MEMMOTT W
SOLOMON N D
ENGLISH E T
DDC NUMBER.....AD677237
INSTR...AF-AFOSR-1139-66
PROJECT/TASK.....9751/00

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UNIVERSITY OF UPPSALA
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DAR ACCESS NO.....023373-001
BY NHANDAS E
DDC NUMBER.....AD677711
INSTR...AF-EOAR -0050-67
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POLITECNICO DI TORINO
EXPERIMENTAL STUDY ON ELECTROMAGNETICALLY DRIVEN SHOCK TUBE
TECHNICAL NOTE 66 SCIENTIFIC REPORT 8
DAR ACCESS NO.....001133-011
BY NISTAGNINO C
DDC NUMBER.....AD677781
INSTR...AF-EOAR -0028-66
PROJECT/TASK.....9781/01

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UNIVERSITY OF NEW YORK STATE
A PROOF OF CONTROLLABILITY OF JORDAN FORM STATE EQUATIONS
IEEE TRANSACTIONS ON AUTOMATIC CONTROL VAC-13 N2 PP195-196
APRIL 1968
DAR ACCESS NO.....014301-006
BY CHEN C T
DESOER C A
DDC NUMBER.....AD677623
INSTR...AF-AFOSR-0542-67
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AFOSR 68-2284
UNIVERSITY OF SYDNEY
A STUDY OF THE CORES OF AIR SHOWERS IN THE SIZE RANGE TEN
TO THE 6TH TO THE 7TH PARTICLES
CANADIAN JOURNAL OF PHYSICS V46 PP530-32 1968
DAR ACCESS NO.....005842-012
BY PARISH A M
MELLEY D
MCCUSKER C B A
NELSON D
PEAK L S
DDC NUMBER.....AD677619
INSTR...AF-AFOSR-0810-62
PROJECT/TASK.....9776/02

AFOSR 68-2285
UNIVERSITY OF SYDNEY
HIGH ENERGY PION INTERACTIONS
CANADIAN JOURNAL OF PHYSICS V46 PP5695-5659 1968
DAR ACCESS NO.....005862-013
BY MCCUSKER C B A
PEAK L S
MCGLCOTT R L S
DDC NUMBER.....AD677620
INSTR...AF-AFOSR-0810-62
PROJECT/TASK.....9776/02

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HARVARD UNIVERSITY
CURRENT-DENSITY-CURRENT-DENSITY COMMUTATORS AND
VECTOR-MESON DECAYS
PHYSICAL REVIEW V170 N5 PP1367-1375 25 JUNE 1968
DAR ACCESS NO.....004861-064
BY GERSTEIN R
DDC NUMBER.....AD677697
INSTR...AF-49(638)-01380
PROJECT/TASK.....9767/04

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HARVARD UNIVERSITY
USE OF THE DYSON REPRESENTATION IN CURRENT-ALGEBRA CALCULAT
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DAR ACCESS NO.....004861-066
BY GERSTEIN R
DDC NUMBER.....AD677669
INSTR...AF-49(638)-01380
PROJECT/TASK.....9767/04

AFOSR 68-2288
CHICAGO UNIVERSITY
MOTION OF NEGATIVE IONS ALONG QUANTIZED VORTEX LINES
PHYSICAL REVIEW LETTERS V20 N25 PP1424-1431 17 JUN 1968
DAR ACCESS NO.....016590-019
BY GLAMERSON W I
STAYER D M
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DDC NUMBER.....AD677704
INSTR...AF-AFOSR-0785-65
PROJECT/TASK.....9767/01

AFOSR 68-2289
NORTHWESTERN UNIVERSITY
WAVE PROPAGATION IN A SAND-RICH MING
JOURNAL ACOUSTICAL SOCIETY AMERICA V43 N5 PP998-1004 MAY
1968
DAR ACCESS NO.....012245-004
BY SAGAUTZ M J
KERN E M
MERMANN G
DDC NUMBER.....AD677400
INSTR...AF-AFOSR-0100-67
PROJECT/TASK.....9754/01

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NORTHWESTERN UNIVERSITY
WAVE PROPAGATION IN LAMELLAR COMPOSITE MATERIALS
JOURNAL ACOUSTICAL SOCIETY AMERICA V43 N6 PP1451-1452 JUN
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DAR ACCESS NO.....012245-009
BY ACHENBACH J D
DDC NUMBER.....AD677425
INSTR...AF-AFOSR-0100-67
PROJECT/TASK.....9782/01

AFOSR 68-2291
COLUMBIA UNIVERSITY
THE NATURE OF THE RED-SHIFTS IN QUASI-STELLAR OBJECTS
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OAR ACCESS NO.....019290-019
BY WOLTJER L
DDC NUMBER.....AD677749
INSTR...AF-49(638)-01358
PROJECT/TASK.....9776/01

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YALE UNIVERSITY
ELECTRON CAPTURE INTO THE METASTABLE 2S STATE IN COLLISIONS OF PROTONS WITH HYDROGEN ATOMS
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OAR ACCESS NO.....012315-012
BY HAYFIELD J E
DDC NUMBER.....AD677525
INSTR...AF-AFOSR-0249-67
PROJECT/TASK.....9767/02

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MINNESOTA UNIVERSITY OF
THE UNBOUNDED GROWTH OF SOLUTIONS OF LINEAR PARABOLIC DIFFERENTIAL EQUATIONS
ANNALI DELLA SCUOLA NORMALE SUPERIORE DI PISA CLASSE DI SCIENZE V20 N4 PP719-732 1966
OAR ACCESS NO.....017310-030
BY BESALA P
FIFE P
DDC NUMBER.....AD677818
INSTR...AF-AFOSR-0883-65
PROJECT/TASK.....9749/02

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OAR ACCESS NO.....017310-027
BY ARONSON D G
BESALA P
DDC NUMBER.....AD677575
INSTR...AF-AFOSR-0883-65
PROJECT/TASK.....9749/02

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UNIVERSITY OF ILLINOIS
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OAR ACCESS NO.....014020-014
BY BERG I D
RAJAGOPALAN M
RUHEL L A
DDC NUMBER.....AD677584
INSTR...AF-AFOSR-0460-63
PROJECT/TASK.....9749/02

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UNIVERSITY OF CALIFORNIA
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OAR ACCESS NO.....02757 -006
BY FREEDMAN D A
DDC NUMBER.....AD
INSTR...AF-AFOSR-13
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MICHIGAN UNIVERSITY OF
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OAR ACCESS NO.....019752-005
BY MATULA R A
DDC NUMBER.....AD678195
INSTR...AF-AFOSR-1144-67
PROJECT/TASK.....9750/02

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VERMONT UNIVERSITY OF
BUBBLE ANNIHILATION IN CAVITATION STREAMERS
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OAR ACCESS NO.....008032-001
BY NYBORG W L
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DDC NUMBER.....AD677402
INSTR...AF-AFOSR-0062-67
PROJECT/TASK.....9767/02

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COLLEGE PARK MD
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OAR ACCESS NO.....021730-013
BY WALSH J L
DDC NUMBER.....AD677754
INSTR...AF-AFOSR-1130-66
PROJECT/TASK.....9749/02

AFOSR 68-2300
TEXAS UNIVERSITY OF
RESTRICTED ROTATION AROUND PHOSPHORUS-NITROGEN BONDS
JOURNAL AMERICAN CHEMICAL SOCIETY V90 PP6185-6186 1968
OAR ACCESS NO.....019691-018
BY COWLEY A H
DCWAR M J S
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DDC NUMBER.....AD677798
INSTR...AF-AFOSR-1050-67
PROJECT/TASK.....9762/01

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HARVARD UNIVERSITY
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OAR ACCESS NO.....019140-008
BY LINDBECK J M H
DDC NUMBER.....AD677309
INSTR...AF-49(638)-01399
PROJECT/TASK.....9779/02

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OAR ACCESS NO.....019140-009
BY VOGEL E F
DDC NUMBER.....AD677310
INSTR...AF-49(638)-01399
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OAR ACCESS NO.....019140-010
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CALIFORNIA INSTITUTE OF TECHNOLOGY
PLASMA DYNAMICS FINAL REPORT JAN 1968
OAR ACCESS NO.....006432-002
BY GOULD R W
DDC NUMBER.....AD677656
INSTR...AF-49(638)-01662
PROJECT/TASK.....9768/02

AFOSR 68-2306
POLITECNICO DI TORINO
STALL PROPAGATION IN A CASCADE OF AIRFOILS
TECHNICAL NOTE 48
OAR ACCESS NO.....001133-010
BY PASQUARELLI C G
DDC NUMBER.....AD677167
INSTR...AF-EOAR -0028-66
PROJECT/TASK.....9781/01

AFOSR 68-2307
CARNEGIE/MELLON UNIVERSITY
STUDY OF ELECTRONIC COLLISION CROSS SECTIONS FINAL REPORT JAN 1968
OAR ACCESS NO.....012991-001
BY LASSETTRE E N
DDC NUMBER.....AD677331
INSTR...AF-49(638)-01668
PROJECT/TASK.....9767/02

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GENERAL ELECTRIC CO
CHEMICAL DYNAMICS ON CRYSTAL SURFACES FINAL REPORT SEPT 196
OAR ACCESS NO.....026580-001
BY EHRLICH G
DDC NUMBER.....AD677302
INSTR...F44620-68-C-0050
PROJECT/TASK.....9760/03

AFOSR 68-2309
GENERAL ELECTRIC CO
CHEMICAL DYNAMICS ON CRYSTAL SURFACES FINAL REPORT SEPT 1968
OAR ACCESS NO.....251131-001
BY EHRLICH G
DDC NUMBER.....AD677302
INSTR...F61052-68-C-0050
PROJECT/TASK.....9760/03

AFOSR 68-2309
YALE UNIVERSITY
A AND M PHYSICAL AND OPTICAL OBSERVATIONAL SPECTROSCOPY AND BREAKDOWN
OAR ACCESS NO.....023730-001
BY HUGHES V W
LAMB W E JR
SCHULZ G J
DDC NUMBER.....AD677280
INSTR...AF-AFOSR-1331-67
PROJECT/TASK.....9739/00

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UNIVERSITY OF CALIFORNIA
DISCRETE SYSTEM THEORY AND BIOCONTROL SYSTEM FINAL REPORT
AUG 1968
BY JURY E I
OAR ACCESS NO.....000824-003
DOC NUMBER.....AD677816
INSTR...AF-AFOSR-0292-66
PROJECT/TASK.....9749/01

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RESEARCH IN ELEMENTARY PARTICLE PHYSICS FINAL REPORT JUNE
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BY NE EMAN Y
OAR ACCESS NO.....021480-010
DOC NUMBER.....AD677336
INSTR...AF-EOAR -0039-66
PROJECT/TASK.....9751/01

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APPLICAZIONI RICERCHE SCIENTIFICHE
THE TRANSITION REGIME OF RAREFIED GAS DYNAMICS FINAL
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BY CERCIGNANI C
OAR ACCESS NO.....018130-011
DOC NUMBER.....AD677342
INSTR...AF-61/052/00081
PROJECT/TASK.....9783/01

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BY PARKER P M
HAZEN W E
MENDEL A Z
OAR ACCESS NO.....024480-001
DOC NUMBER.....AD677937
INSTR...AF-AFOSR-1460-66
PROJECT/TASK.....9751/04

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UNIVERSITY OF PISA
COMPARATIVE NEUROPHYSIOLOGY OF THE VISUAL SYSTEM FINAL
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BY NORUZZI G
OAR ACCESS NO.....019642-001
DOC NUMBER.....AD677305
INSTR...F61052-68-C-0024
PROJECT/TASK.....9777/01

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BY HU S T
OAR ACCESS NO.....020320-002
DOC NUMBER.....AD677102
INSTR...AF-AFOSR-1129-66
PROJECT/TASK.....9769/02

AFOSR 68-2319
MICHIGAN STATE UNIVERSITY
SYNCHRONIZATION AND DECOMPOSITION OF FINITE AUTOMATA
BY CUTLIP M F
KILMER W L
OAR ACCESS NO.....021311-003
DOC NUMBER.....AD677759
INSTR...AF-AFOSR-1023-67
PROJECT/TASK.....9769/04

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SUSSEX UNIVERSITY OF
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AND -4 AT LOW TEMPERATURES FINAL REPORT JULY 1968
BY RHEWER D F
OAR ACCESS NO.....014701-001
DOC NUMBER.....AD677746
INSTR...AF-EOAR -0002-66
PROJECT/TASK.....9767/01

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OAR ACCESS NO.....019081-002
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ON OBTAINING THE TIME RESPONSE FROM THE EXTENDED LIENARD
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BY KNOIN J S
SOUDACK A C
OAR ACCESS NO.....008705-041
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AFOSR 68-2323
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FREQUENCY MODULATION SYSTEMS
ICEE TRANSACTIONS ON AUTOMATIC CONTROL VAC-12 N4 PP419-422
AUGUST 1967
BY JURY E I
BLANCHARD J G
OAR ACCESS NO.....000824-004
DOC NUMBER.....AD677674
INSTR...AF-AFOSR-0292-66
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UNCERTAINTY INFORMATION SEARCH AND DECISION MAKING FINAL
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BY LANZETTA J T
OAR ACCESS NO.....015861-001
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INSTR...AF-49/638/01614
PROJECT/TASK.....9778/02

AFOSR 68-2325
DARTMOUTH COLLEGE
SIMPLIFIED LANGUAGE FOR ABSTRACT MATHEMATICAL STRUCTURES
BY WEIDENHOFER N
OAR ACCESS NO.....026380-001
DOC NUMBER.....AD679603
INSTR...F44620-68-C-0015
PROJECT/TASK.....9744/00

AFOSR 68-2326
TENNESSEE UNIVERSITY OF
OPERATIONAL ANALYSIS OF BEHAVIORAL SITUATIONS FINAL REPORT
OCT 1968
BY VERPLANCK W S
OAR ACCESS NO.....027380-001
DOC NUMBER.....AD677607
INSTR...AF-AFOSR-1269-67
PROJECT/TASK.....9778/01

AFOSR 68-2327
N U S CORP
INHERITANCE OF XANTHENE DEHYDROGENASE IN DROSOPHILA
MELANOGASTER
BY KELLEN E C JR
OAR ACCESS NO.....020261-001
DOC NUMBER.....AD677576
INSTR...F44620-67-C-0059
PROJECT/TASK.....9777/01

AFOSR 68-2328
N U S CORP
INHERITANCE OF XANTHENE DEHYDROGENASE IN DROSOPHILA
MELANOGASTER FINAL REPORT NOV 1968
BY KELLER E C JR
OAR ACCESS NO.....020261-002
DOC NUMBER.....AD677579
INSTR...F44620-67-C-0059
PROJECT/TASK.....9777/01

AFOSR 68-2329
OXFORD UNIVERSITY
A STUDY OF COGNITIVE AND AFFECTIVE ATTITUDES
BY TAJFEL H
OAR ACCESS NO.....013372-001
DOC NUMBER.....AD678167
INSTR...AF-EOAR -0004-66
PROJECT/TASK.....9777/01

AFOSR 68-2330
EDINBURGH UNIVERSITY OF
RESPONSES OF THE VASCULAR SYSTEM IN RELATION TO THE HORMONE
BACKGROUND
BY PICKFORD L M
OAR ACCESS NO.....009961-005
DOC NUMBER.....AD678604
INSTR...AF-EOAR -0017-65
PROJECT/TASK.....9777/01

AFOSR 68-2332
WASHINGTON UNIVERSITY OF
ANALYSIS OF THE MECHANISM OF ACTION OF THE NERVE GROWTH
FACTOR
BY MONTALCINI R L
OAR ACCESS NO.....021300-001
DOC NUMBER.....AD678005
INSTR...AF-AFOSR-1182-67
PROJECT/TASK.....9777/01

AFOSR 68-2333
UNIVERSITY OF NORTH CAROLINA
HYPOTHALAMIC SECRETORY FACTOR FOR ADRENOCORTICOTROPIC
HORMONE FINAL REPORT NOV 1968
BY MUNSON P L
OAR ACCESS NO.....005784-001
DOC NUMBER.....AD678169
INSTR...AF-AFOSR-1193-67
PROJECT/TASK.....9777/01

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YALE UNIVERSITY
RETINAL FINE STRUCTURE AND VISUAL ORIENTATION FINAL REPORT
OCT 1968
BY WATERMAN T H
OAR ACCESS NO.....021650-002
DOC NUMBER.....AD678607
INSTR...AF-AFOSR-1066-66
PROJECT/TASK.....9777/01

AFOSR 68-2339
UNIVERSITY OF MINNESOTA
ALTERATIONS OF BRAIN BIOCHEMISTRY AND DEVELOPMENT OF BEHAVIOR
OAR ACCESS NO.....013338-001
BY SHIDEMAN F E
DDC NUMBER.....AD677868
INSTR...AF-AFOSR-0206-66
PROJECT/TASK.....9777/01

AFOSR 68-2343
ILLINOIS UNIVERSITY OF
DETONATIVE MACH STEMS FINAL REPORT SEPT 1968
OAR ACCESS NO.....021230-001
BY STHEMLOW R A
BARTHEL H O
DDC NUMBER.....AD684379
INSTR...AF-AFOSR-1090-66
PROJECT/TASK.....9711/01

AFOSR 68-2345
SOUTHERN CALIFORNIA UNIVERSITY OF
MOSSBAUER EFFECT AND MAGNETIC PROPERTIES OF IRON-BERYLLIUM COMPOUNDS
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OAR ACCESS NO.....014493-009
BY OHTA K
DDC NUMBER.....AD677799
INSTR...AF-AFOSR-0496-67
PROJECT/TASK.....4751/00

AFOSR 68-2346
TEXAS UNIVERSITY OF
A REMARK ON PEN LETTER CONVERSES FOR A DISCRETE CHANNEL
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OAR ACCESS NO.....015248-087
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DDC NUMBER.....AD677796
INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....4751/00

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BY LAINIOTIS D G
DDC NUMBER.....AD677797
INSTR...AF-AFOSR-0766-67
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OAR ACCESS NO.....015241-060
BY ELLER D M
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DDC NUMBER.....AD677846
INSTR...AF-AFOSR-0766-66
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BY WEHER C L
DDC NUMBER.....AD677833
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OAR ACCESS NO.....014493-007
BY MURR L E
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DDC NUMBER.....AD677434
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OAR ACCESS NO.....001324-010
BY HAFTKA R
SINGER J
DDC NUMBER.....AD678062
INSTR...AF-61/052/00905
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OAR ACCESS NO.....008091-001
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DDC NUMBER.....AD677580
INSTR...AF-49(638)-01490
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UNIVERSITY OF MARYLAND
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BY GHOSH M K
DDC NUMBER.....AD677883
INSTR...AF-AFOSR-1015-67
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BY MCCONNACK P D
BIRCH S
DDC NUMBER.....AD677594
INSTR...AF-AFOSR-1101-66
PROJECT/TASK.....9713/01

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OAR ACCESS NO.....001376-011
BY LEW H S
FUNG Y C
DDC NUMBER.....AD680023
INSTR...AF-AFOSR-1186-67
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CALIFORNIA UNIVERSITY OF
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OAR ACCESS NO.....001376-012
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DDC NUMBER.....AD680025
INSTR...AF-AFOSR-1186-67
PROJECT/TASK.....9782/01

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UNIVERSITY OF ILLINOIS
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BY SWATIK D S
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OAR ACCESS NO.....005924-015
BY ROSSI G F
DDC NUMBER.....AD678606
INSTR...AF-61/052/00901
PROJECT/TASK.....9777/01

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STOCKHOLM UNIVERSITY OF
LONG RANGE NAVIGATION IN ANIMALS FINAL REPORT SEPT 1968
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BY ADELSTAM C G
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BY MIURA R M
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INSTR...AF-49(638)-01555
PROJECT/TASK.....9767/03

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OAR ACCESS NO.....010103-001
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INSTR...AF-AFOSR-0461-66
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INSTR...AF-49(638)-01508
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OXFORD UNIVERSITY
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OAR ACCESS NO.....000983-003
BY TINBERGEN N
DOC NUMBER.....AD677765
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DOC NUMBER.....AD677770
NICE S A
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OAR ACCESS NO.....010391-045
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DOC NUMBER.....AD677635
FLORY P J
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STANFORD UNIVERSITY
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STANFORD UNIVERSITY
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BY HEAL-MENDO M T
DOC NUMBER.....AD671435
MA S K
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DOC NUMBER.....AD677659
MACKENZIE K R
INSTR...AF-AFOSR-0567-66
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PEAK L S
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UNIVERSITY OF SOUTHERN CALIFORNIA
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UNIVERSITY OF MIAMI
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BY CURTISS J H
DOC NUMBER.....AD677803
INSTR...AF-AFOSR-0358-66
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KANSAS STATE UNIVERSITY
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OAR ACCESS NO.....014032-001
BY LEE E S
DOC NUMBER.....AD677686
FAN L T
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DDC NUMBER.....AD677708
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OAR ACCESS NO.....015091-002
BY ELIEL E L
KNOEBER M C
DDC NUMBER.....AD677696
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BY FALCONER D R
ODELL P L
DDC NUMBER.....AD685124
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DDC NUMBER.....AD677649
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YALE UNIVERSITY
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DDC NUMBER.....AD678183
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DDC NUMBER.....AD677698
INSTR...AF-49(638)-01326
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BY HELDING W K B
ROTHE E W
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DDC NUMBER.....AD677752
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STANFORD UNIVERSITY
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FLORY P J
DDC NUMBER.....AD677631
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OAR ACCESS NO.....014421-008
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BY FINN R
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INSTR...AF-49(638)01345
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BY AMIT D J
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KLEE V
ROCKAFELLAR R T
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HAZEN W E — INSTR...AF-AFOSR-1460-68
HENDEL A Z — PROJECT/TASK.....9751/04
SMITH H
SHAM N J

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JORTNER J — PROJECT/TASK.....9760/01
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MISLOW K — PROJECT/TASK.....9762/01

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MISLOW K — PROJECT/TASK.....9762/01

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CARSON F W
JACOBUS J
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RAYNER D R
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MISLOW K

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STEREOCHEMISTRY OF 2-BENZONORBORNENONE
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GIDDINGS W P
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INSTR...AF-61(052)-00960
PROJECT/TASK.....9769/01

AFOSR 68-2509
CASE WESTERN RESERVE UNIVERSITY
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JOURNAL AMERICAN CHEMICAL SOCIETY V90 N19 PP5196-5207 11 SEP 1968

BY LANDE S S
KOCHI J K

OAR ACCESS NO.....013161-001
DDC NUMBER.....AD678073
INSTR...AF-AFOSR-1347-68
PROJECT/TASK.....9710/02

AFOSR 68-2510
CASE WESTERN RESERVE UNIVERSITY
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BY KOCHI J K
BACHA J D
BETHEA T W III

OAR ACCESS NO.....013161-002
DDC NUMBER.....AD678074
INSTR...AF-AFOSR-1347-68
PROJECT/TASK.....9710/02

AFOSR 68-2511
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BY KOCHI J K
BETHEA T W III

OAR ACCESS NO.....013161-003
DDC NUMBER.....AD678075
INSTR...AF-AFOSR-1347-68
PROJECT/TASK.....9710/02

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UNIVERSITY OF CALIFORNIA
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BY BECKER K H
BAYES K D

OAR ACCESS NO.....009881-004
DDC NUMBER.....AD677976
INSTR...AF-AFOSR-0687-64
PROJECT/TASK.....9760/02

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COLUMBIA UNIVERSITY
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BY TOMIO N J
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OAR ACCESS NO.....019800-013
DDC NUMBER.....AD677958
INSTR...AF-AFOSR-1000-66
PROJECT/TASK.....9760/02

AFOSR 68-2514
UNIVERSITY OF MASSACHUSETTS
TRANSITION STUDIES OF POLY /2 6-DIMETHYL 1 4-PHENYLENE ETHE
ANALYTICAL CALORIMETRY PP59-61 1968

BY KARASZ F E
OREILLY J M
BAIR H E
KLUGE R A

OAR ACCESS NO.....024810-001
DDC NUMBER.....AD677979
INSTR...AF-AFOSR-1434-68
PROJECT/TASK.....9760/02

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OAR ACCESS NO.....024810-002
DDC NUMBER.....AD677931
INSTR...AF-AFOSR-1434-68
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BY HOESGAARD A M

OAR ACCESS NO.....000582-004
DDC NUMBER.....AD678229
INSTR...AF-AFOSR-1401-68
PROJECT/TASK.....9778/01

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PENNSYLVANIA UNIVERSITY OF
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OAR ACCESS NO.....016930-003
BY SAALFELD F E
HAGEN A P
MCDOWELL M V
MACDIARMID A G
DDC NUMBER.....AD678798
INSTR...AF-49(638)-1519
PROJECT/TASK.....9710/02

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STANFORD UNIVERSITY
A FINITE-DIFFERENCE METHOD FOR DEGENERATE ELLIPTIC-PARABOLIC EQUATIONS
SIAM J NUMER ANAL V5 N2 PP211-218 JUNE 1968
OAR ACCESS NO.....019230-010
BY HELL C D
CANNON J R
DDC NUMBER.....AD678802
INSTR...AF-49(638)-1345
PROJECT/TASK.....9749/02

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AUCKLAND UNIVERSITY
RADIOLYSIS OF NEUTRAL AQUEOUS SOLUTIONS OF CYSTEINE IN THE PRESENCE OF OXYGEN
CHEMICAL COMMUNICATIONS PP826-827 1968
OAR ACCESS NO.....019940-001
BY PACKER J E
WINCHESTER R V
DDC NUMBER.....AD678032
INSTR...AF-AFOSR-0950-65
PROJECT/TASK.....9760/02

AFOSR 68-2521
PRINCETON UNIVERSITY
ON THE CONVECTIVE INSTABILITY OF A GASEOUS STAR /FRENCH/
ANNALES D-ASTROPHYSIQUE V31 N3 PP251-256 MAY-JUNE 1968
OAR ACCESS NO.....016800-033
BY TASSOUL M
TASSOUL J L
DDC NUMBER.....AD678280
INSTR...AF-49(638)-1555
PROJECT/TASK.....9767/03

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OAR ACCESS NO.....013161-004
BY MAY N E
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DDC NUMBER.....AD678033
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STANFORD UNIVERSITY
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OAR ACCESS NO.....019230-011
BY FINN R
SMITH D R
DDC NUMBER.....AD678287
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MASSACHUSETTS INSTITUTE OF TECHNOLOGY
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OAR ACCESS NO.....023900-004
BY SEYFERTH D
GORDON M E
DARRAGH K V
DDC NUMBER.....AD678012
INSTR...AF-AFOSR-1350-68
PROJECT/TASK.....9762/02

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STANFORD UNIVERSITY
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OAR ACCESS NO.....019230-012
BY FINN R
DDC NUMBER.....AD677945
INSTR...AF-49(638)-1345
PROJECT/TASK.....9749/02

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UNIVERSITY OF MINNESOTA
A LINDELOF THEOREM AND ANALYTIC CONTINUATION FOR FUNCTIONS OF SEVERAL VARIABLES WITH AN APPLICATION TO THE FEYNMAN INTEGRAL
SYMPOSIA IN PURE MATHEMATICS V2 ENTIRE FUNCTIONS AND RELATED PARTS ANALYSIS UNIVERSITY OF CALIFORNIA SAN DIEGO 27 JUN 66 - 22 JUL 66 PP149-156
OAR ACCESS NO.....000414-005
BY CAMERON R H
STORVICK D A
DDC NUMBER.....AD677890
INSTR...AF-AFOSR-0381-66
PROJECT/TASK.....9749/02

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CHICAGO UNIVERSITY
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THE PHYSICAL REVIEW V165 N1 PP323-334 8 JANUARY 1968
OAR ACCESS NO.....016590-010
BY SCHWARZ K W
DDC NUMBER.....AD677889
INSTR...AF-AFOSR-0788-65
PROJECT/TASK.....9767/01

AFOSR 68-2528
HARVARD UNIVERSITY
ORIGIN OF HIDDEN MOMENTUM FORCES ON MAGNETS
PHYS REV V171 N5 PP1370-1378 JULY 1968
OAR ACCESS NO.....004861-007
BY COLEMAN S
VAN VLECK J H
DDC NUMBER.....AD677899
INSTR...AF-49(638)-1380
PROJECT/TASK.....9767/04

AFOSR 68-2529
BRANDEIS UNIVERSITY
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ANN INST HENRI POINCARE VA N3 PP269-273 1968
OAR ACCESS NO.....005134-008
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DDC NUMBER.....AD677953
INSTR...AF-AFOSR-0368-67
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CALIFORNIA UNIVERSITY OF
A QUARKS-ON-SPRINGS MODEL OF THE BARYONS
ANNALS OF PHYSICS V47 N3 PP439-467 MAY 1968
OAR ACCESS NO.....005134-032
BY SHAPIRO J A
DDC NUMBER.....AD677788
INSTR...AF-AFOSR-0232-66
PROJECT/TASK.....9767/04

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INSTITUTE OF BROOKLYN POLYTECHNIC
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PROCEEDINGS OF THE 1968 ALLERTON CONFERENCE ON CIRCUIT AND SYSTEM THEORY PP1-10
OAR ACCESS NO.....030310-006
BY EDDY T W
WOLF J K
DDC NUMBER.....AD678191
INSTR...AF-49(638)-01600
PROJECT/TASK.....9749/01

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UNIVERSITY OF MIAMI
PHASE-SPACE SYMMETRIES OF A RELATIVISTIC PLASMA
IL NUOVO CIMENTO SER X V56A PP323-326 21 AUG 1968
OAR ACCESS NO.....027670-003
BY SANTILLI R M
DDC NUMBER.....AD677996
INSTR...AF-AFOSR-1268-67
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OREGON UNIVERSITY OF
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OAR ACCESS NO.....017600-004
BY DEUTCHMAN P A
MCCARTHY I E
DDC NUMBER.....AD678030
INSTR...AF-AFOSR-0947-65
PROJECT/TASK.....9751/02

AFOSR 68-2534
PRINCETON UNIVERSITY
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OAR ACCESS NO.....005123-026
BY SCHWARZ J H
DDC NUMBER.....AD677898
INSTR...AF-49(638)-01545
PROJECT/TASK.....9767/04

AFOSR 68-2535
UNIVERSITY OF CALIFORNIA
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OAR ACCESS NO.....000224-008
BY J JURY E I
GUPTA G
DDC NUMBER.....AD677961
INSTR...AF-AFOSR-0292-66
PROJECT/TASK.....9749/01

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YESHIVA UNIVERSITY
TRANSPORT PROPERTIES OF A FERMI LIQUID
PHYSICAL REVIEW LETTERS V21 N5 PP279-282 29 JULY 1968
OAR ACCESS NO.....005834-002
BY BROOKER G A
SYKES J
DDC NUMBER.....AD678023
INSTR...AF-AFOSR-1416-68
PROJECT/TASK.....9767/01

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HARVARD UNIVERSITY
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OAR ACCESS NO.....004861-068
BY YAN T M
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OAR ACCESS NO.....005134-033
BY BARDAKCI K
FRISHMAN Y
MALPERN M B
DOC NUMBER.....AD677966
INSTR...AF-AFOSR-0232-66
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OAR ACCESS NO.....023850-002
BY WEISS L
DOC NUMBER.....AD677877
INSTR...AF-AFOSR-1346-69
PROJECT/TASK.....9749/01

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HARVARD UNIVERSITY
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CURRENT SCENE DEVELOPMENTS IN MAINLAND CHINA GREEN PAGODA PRESS LTD HONG KONG V3 N18 PP1-15 1 MAY 1965
OAR ACCESS NO.....019140-011
BY SIEH M
DOC NUMBER.....AD678290
INSTR...AF-49/638/01399
PROJECT/TASK.....9779/02

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UNIVERSITY OF TEXAS
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OAR ACCESS NO.....015242-087
BY MILBORN C G JR
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INSTR...AF-AFOSR-0766-67
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UNIVERSITY OF ILLINOIS
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REVIEW SCIENTIFIC INSTRUMENTS V39 N8 PP1068-1089 AUG 1968
OAR ACCESS NO.....013242-007
BY HENDRICKS C D
TSUI J B Y
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PROJECT/TASK.....9752/01

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HARVARD UNIVERSITY
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STANFORD UNIVERSITY
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OAR ACCESS NO.....019230-011
BY MARINOWITZ P M
DOC NUMBER.....AD677946
INSTR...AF-49/638/01345
PROJECT/TASK.....9749/02

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OAR ACCESS NO.....020362-001
BY PERLMUTTER A
DOC NUMBER.....AD677884
INSTR...AF-AFOSR-1337-67
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BY BECK C
DOC NUMBER.....AD678029
INSTR...AF-AFOSR-0022-64
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OAR ACCESS NO.....007784-006
BY MCKELLAR B H J
RAJARAMAN R
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INSTR...AF-AFOSR-1368-68
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BY WHITTAKER J O
MEADE R D
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OAR ACCESS NO.....027470-002
BY HOLMAN W J III
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OAR ACCESS NO.....012391-006
BY ZIERING S
HU P N
SHEINBLATT M
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BY MUNTZ E P
DOC NUMBER.....AD678265
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PROJECT/TASK.....9783/01

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BY EKMAN G
HOSMAN J
BERGLUND V
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BY MCKEE H B
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INSTR...AF-49/638/01695
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BY SHARMA R D
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OAR ACCESS NO.....017811-006
BY DUTTA S K
WILSON R A
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DDC NUMBER.....AD677820
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BY LUNELL S
LINDNER P
DDC NUMBER.....AD678283
INSTR...AF-61/052/00874
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OAR ACCESS NO.....005833-017
BY LEBOWITZ J L
PERCUS J K
SYKES J
DDC NUMBER.....AD677780
INSTR...AF-AFOSR-0508-66
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BY GOSCINSKI O
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INSTR...AF-EOAR -0050-67
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INSTR...AF-49/638/01382
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INSTR...AF-EOAR -0037-65
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DDC NUMBER.....AD678418
INSTR...AF-AFOSR-0007-67
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INTERACTIONS BETWEEN HYDROGEN AND OXYGEN ATOMS AND SURFACES FINAL REPORT OCT 1968
OAR ACCESS NO.....000302-010
BY SMITH J N JR
DDC NUMBER.....AD678188
INSTR...AF-49(638)-1435
PROJECT/TASK.....9783/01

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VON KARMAN INSTITUTE FOR FLUID DYNAMICS
A SINUSOIDAL WAVE GENERATOR FOR DYNAMIC TESTING OF FLUIDIC DEVICES
OAR ACCESS NO.....013485-001
BY GOTTRON M N
MILLER N E
DDC NUMBER.....AD678096
INSTR...AF-EOAR -0047-67
PROJECT/TASK.....9752/01

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UNIVERSITY OF ILLINOIS
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DDC NUMBER.....AD678340
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COLUMBIA UNIVERSITY
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OAR ACCESS NO.....013484-001
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BROWN UNIVERSITY
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OAR ACCESS NO.....019893-010
BY MILLEN W K
SELL G R
DDC NUMBER.....AD678825
INSTR...AF-AFOSR-0693-67
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OAR ACCESS NO.....019780-003
BY BERGMAN S
DDC NUMBER.....AD678516
INSTR...AF-AFOSR-1047-66
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DDC NUMBER.....AD679704
INSTR...AF-49(638)-01668
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DDC NUMBER.....AD678339
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INSTR...AF-AFOSR-1047-66
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MCCULLOCH W S
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BOSTON UNIVERSITY
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INSTR...AF-AFOSR-0765-67
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OAR ACCESS NO.....500860-001
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INSTR...MIPR -0011-67
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OAR ACCESS NO.....014931-014
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INSTR...AF-AFOSR-0698-67
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BY ODDSON J K
OAR ACCESS NO.....022191-001
DDC NUMBER.....AD678351
INSTR...AF-AFOSR-1122-67
PROJECT/TASK.....9749/01

AFOSR 68-2609
MARYLAND UNIVERSITY OF
FREE SURFACE PROBLEMS IN FLUID FLOW
BY MACKIE A G
OAR ACCESS NO.....022940-003
DDC NUMBER.....AD678608
INSTR...AF-AFOSR-1194-67
PROJECT/TASK.....9749/01

AFOSR 68-2610
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BY ROHRER R A
OAR ACCESS NO.....022750-005
DDC NUMBER.....AD678609
INSTR...AF-AFOSR-1219-67
PROJECT/TASK.....9749/01

AFOSR 68-2612
UNIVERSITY COLLEGE
POLYGONAL AND SWEPT-BACK PLATES WITH CUT-OUTS AND COLUMN SUPPORTS
BY QUINLAN P M
OAR ACCESS NO.....001952-009
DDC NUMBER.....AD678212
INSTR...AF-EOAR -0031-63
PROJECT/TASK.....9749/01

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STANFORD UNIVERSITY
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OAR ACCESS NO.....019230-014
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STANFORD UNIVERSITY
ON THE FOURTH COEFFICIENT OF UNIVALENT FUNCTIONS WITH BOUNDED BOUNDARY ROTATION
ANNALES ACADEMIAE SCIENTIARUM FENNICAE V396 SERA PP3-26 1967
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OAR ACCESS NO.....019230-015
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PROJECT/TASK.....9749/02

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SCHIFFER M
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INSTR...AF-49/638/01348
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STANFORD UNIVERSITY
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OAR ACCESS NO.....019230-018
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CHICAGO UNIVERSITY
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INSTR...AF-AFOSR-0712-65
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OAR ACCESS NO.....022191-002
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PROJECT/TASK.....9749/01

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STANFORD UNIVERSITY
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SU-IPR REPORT NO 245
BY SONJU C K
OAR ACCESS NO.....020771-001
DDC NUMBER.....AD678626
INSTR...F44620-68-C-0051
PROJECT/TASK.....9752/01

AFOSR 68-2621
STANFORD UNIVERSITY
EFFECTS OF NONELASTIC COLLISIONS IN PARTIALLY IONIZED GASES
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BY SHAW J F
OAR ACCESS NO.....020771-002
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AFOSR 68-2622
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BY AULD B A
OAR ACCESS NO.....004663-006
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WILKINSON C D W — INSTR...AF-49/638/01429
WINSLOW D K — PROJECT/TASK.....9766/02

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FORSTER D — INSTR...AF-49/638/01492
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CALIFORNIA UNIVERSITY OF
INTENSIVE RESEARCH IN PROBABILITY THEORY
OAR ACCESS NO.....023500-001
BY FREEDMAN D A — DDC NUMBER.....AD678445
INSTR...AF-AFOSR-1310-67
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BY MILLER T M — DDC NUMBER.....AD678533
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MARTIN D W — PROJECT/TASK.....9767/02
MCDANIEL E W

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ROSE M F — INSTR...AF-AFOSR-3496-67
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COLUMBIA UNIVERSITY
INCIDENT AND REFLECTED IONIZING SHOCK STRUCTURE
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INSTR...AF-EOAR -0066-66
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BY WORTMAN J J — DDC NUMBER.....AD678834
MONTEITH L K — INSTR...F44620-67-C-0048
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JEN N C — INSTR...AF-AFOSR-1093-67
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OAR ACCESS NO.....012333-001
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INSTR...AF-EOAR -0010-67
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AFOSR 68-2641
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OAR ACCESS NO.....022901-003
BY WAGNER R A — DDC NUMBER.....AD678629
INSTR...F44620-67-C-0058
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BY LIEBERMAN D S — DDC NUMBER.....AD679610
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BY LILLIEN I — DDC NUMBER.....AD679967
DOUGHTY R A — INSTR...AF-AFOSR-0123-63
PROJECT/TASK.....9782/02

AFOSR 68-2646
ILLINOIS INSTITUTE OF TECHNOLOGY
ADVANCED OXIDIZER CHEMISTRY
OAR ACCESS NO.....015931-003
BY SOLOMON I J
DDC NUMBER.....AD678630
INSTR...F44620-68-C-0039
PROJECT/TASK.....9713/02

AFOSR 68-2647
STANFORD UNIVERSITY
RIEMANN SURFACES WHICH ARE DOUBLES OF PLANE DOMAINS
PACIFIC JOURNAL OF MATHEMATICS V20 N2 PP217-222 1967
OAR ACCESS NO.....019230-020
BY HAWLEY N S
SCHIFFER M M
DDC NUMBER.....AD679811
INSTR...AF-49(638)-01345
PROJECT/TASK.....9749/02

AFOSR 68-2648
INSTITUTE FOR ADVANCED STUDY
CONCERNING A WILD THREE-CELL DESCRIBED BY BING
DUKE MATHEMATICAL JOURNAL V33 N4 PP689-704 DECEMBER 1966
OAR ACCESS NO.....000362-002
BY ARMENTROUT S
DDC NUMBER.....AD680088
INSTR...AF-AFOSR-0359-63
PROJECT/TASK.....9749/02

AFOSR 68-2649
INSTITUTE FOR ADVANCED STUDY
ON EMBEDDING DECOMPOSITION SPACES OF N-DIMENSIONAL
EUCLIDEAN SPACE IN N-PLUS-ONE-DIMENSIONAL EUCLIDEAN SPACE
FUNDAMENTA MATHEMATICAE V61 PP1-21 1967
OAR ACCESS NO.....000362-003
BY ARMENTROUT S
DDC NUMBER.....AD680089
INSTR...AF-AFOSR-0359-63
PROJECT/TASK.....9749/02

AFOSR 68-2650
DUKE UNIVERSITY
THE DIPOLE MOMENT OF CARBON MONOSULFIDE
JOURNAL MOLECULAR SPECTROSCOPY V28 N2 PP266-68 OCTOBER
1968
OAR ACCESS NO.....000276-024
BY WINNEWISSER G
COOK R L
DDC NUMBER.....AD680097
INSTR...AF-AFOSR-0493-66
PROJECT/TASK.....9767/02

AFOSR 68-2651
JOHNS HOPKINS UNIVERSITY
MAGNETIC PARAMETERS FOR THE CONFIGURATION F3
THE PHYSICAL REVIEW V174 N1 PP89-94 5 OCTOBER 1968
OAR ACCESS NO.....004603-007
BY CROSSWHITE H
CROSSWHITE H M
JUDD B R
DDC NUMBER.....AD679821
INSTR...AF-49(638)-01497
PROJECT/TASK.....9767/02

AFOSR 68-2652
STANFORD UNIVERSITY
MAGNETIC-FIELD STRUCTURE ASSOCIATED WITH CORONAL STREAMERS
SOLAR PHYSICS N5 PP87-101 1968
OAR ACCESS NO.....004562-021
BY STURROCK P A
SMITH S S
DDC NUMBER.....AD679806
INSTR...AF-49(638)-01321
PROJECT/TASK.....9767/02

AFOSR 68-2653
PRINCETON UNIVERSITY
TEST-PARTICLE PROPAGATOR AND ITS APPLICATION TO THE DECAY
OF PLASMA WAVE ECHOES
THE PHYSICS OF FLUIDS V11 N9 PP1982-1989 SEPTEMBER 1968
OAR ACCESS NO.....016500-038
BY HINTON F L
OBERMAN C
DDC NUMBER.....AD679786
INSTR...AF-49(638)-01555
PROJECT/TASK.....9767/03

AFOSR 68-2654
CARNEGIE/MELLON UNIVERSITY
ON THE STABILITY OF CERTAIN MOTIONS OF INCOMPRESSIBLE
MATERIALS WITH MEMORY
ARCH RATIONAL MECH ANAL V30 N3 PP197-224 1968
OAR ACCESS NO.....015271-019
BY COLEMAN B D
DILL E H
DDC NUMBER.....AD680103
INSTR...AF-AFOSR-0728-66
PROJECT/TASK.....9749/01

AFOSR 68-2656
NEW YORK UNIVERSITY
ON SYMMETRIZABLE DIFFERENTIAL OPERATORS
PROCEEDINGS OF SYMPOSIA IN PURE MATHEMATICS V10 PP128-137
20-23 APRIL 1966 CHICAGO ILLINOIS
OAR ACCESS NO.....019500-010
BY FRIEDRICHS K O
LAX P D
DDC NUMBER.....AD679229
INSTR...AF-AFOSR-0666-[illegible]
PROJECT/TASK.....9749/02

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UNIVERSITY OF NEW YORK
DEGENERATE ELLIPTIC-PARABOLIC EQUATIONS OF SECOND ORDER
COMMUNICATIONS ON PURE AND APPLIED MATHEMATICS V20
PP797-872 1967
OAR ACCESS NO.....019500-009
BY KOHN J J
NIRENBERG L
DDC NUMBER.....AD664725
INSTR...AF-AFOSR-0066-64
PROJECT/TASK.....9749/02

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UNIVERSITY OF NEW YORK
DEGENERATE ELLIPTIC-PARABOLIC EQUATIONS OF SECOND ORDER
COMMUNICATIONS ON PURE AND APPLIED MATHEMATICS V20 PP797-87
OAR ACCESS NO.....019500-011
BY KOHN J J
NIRENBERG L
DDC NUMBER.....AD664725
INSTR...AF-AFOSR-0066-64
PROJECT/TASK.....9749/02

AFOSR 68-2658
PENNSYLVANIA STATE UNIVERSITY
QUANTITATIVE STUDY OF DISPERSED PARTICLE STATISTICS WITH
TRANSMISSION ELECTON MICROSCOPY
EUROPEAN REGIONAL CONFERENCE ELECTRON MICROSCOPY 4TH V1
ROME ITALY 1-7 SEP 1968 PP597-598
OAR ACCESS NO.....019563-002
BY INMAN M C
DDC NUMBER.....AD680059
INSTR...AF-AFOSR-0669-67
PROJECT/TASK.....9782/02

AFOSR 68-2659
OXFORD UNIVERSITY
FIELD- AND PHOTON-ENHANCED FIELD EMISSION FROM THIN-FILM
FIELD-EMISSION DEVICES
ELECTRONICS LETTERS V4 N16 8 AUGUST 1968
OAR ACCESS NO.....000106-006
BY AKRAM-HUSAIN S
WALSH D
DDC NUMBER.....AD679968
INSTR...AF-EOAR -0033-67
PROJECT/TASK.....9767/02

AFOSR 68-2660
NEW ENGLAND INSTITUTE MEDICAL RSCH
SYSTEMATIC POSITRONIUM CHEMISTRY
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OAR ACCESS NO.....011222-002
BY TAO S J
GREEN J H
DDC NUMBER.....AD680085
INSTR...AF-AFOSR-1193-67
PROJECT/TASK.....9767/01

AFOSR 68-2661
CALIFORNIA UNIVERSITY OF
EXCEPTIONAL BOUNDARY POINTS FOR THE NONDIVERGENCE
EQUATION WHICH ARE REGULAR FOR THE LAPLACE EQUATION - AND
VICE-VERSA
ANNALI DELLA SCUOLA NORMALE SUPERIORE DI PISA V22 N2
PP315-330 1968
OAR ACCESS NO.....014650-017
BY MILLER K
DDC NUMBER.....AD680078
INSTR...AF-AFOSR-0553-64
PROJECT/TASK.....9749/02

AFOSR 68-2662
YESHIVA UNIVERSITY
STATISTICAL MECHANICS-A REVIEW OF SELECTED RIGOROUS RESULTS
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OAR ACCESS NO.....005834-003
BY LEBOWITZ J L
DDC NUMBER.....AD680066
INSTR...AF-AFOSR-1416-68
PROJECT/TASK.....9767/02

AFOSR 68-2664
HULL UNIVERSITY OF
INHIBITION OF THE HYDROGEN-OXYGEN REACTION BY ALKYL
SILANES
TRANSACTIONS OF THE FARADAY SOCIETY V64 N550 PT10
PP2708-2722 OCT 1968
OAR ACCESS NO.....001953-003
BY BALDWIN M R
EVERETT C J
WALKER R W
DDC NUMBER.....AD679944
INSTR...AF-EOAR -0068-65
PROJECT/TASK.....9750/02

AFOSR 68-2665
AEROCHEM RESEARCH LABORATORY INC
FOG FORMATION CONDITIONS NEAR COOL SURFACES
JOURNAL COLLOID AND INTERFACE SCIENCE V28 N1 PP60-65 SEP1
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OAR ACCESS NO.....009751-006
BY ROSNER D E
EPSTEIN M
DDC NUMBER.....AD679708
INSTR...AF-49(638)-01656
PROJECT/TASK.....9750/02

AFO. 68-2667
CARNEGIE/MELLON UNIVERSITY
ON THE USE OF SYMMETRY TO SIMPLIFY THE CONSTITUTIVE EQUATIONS OF ISOTROPIC MATERIALS WITH MEMORY
PROC ROY SOC /LONDON/ SER A V306 PP479-476 1968
OAR ACCESS NO.....015271-016
BY COLEMAN B D
DDC NUMBER.....AD680101
INSTR...AF-AFOSR-0728-66
PROJECT/TASK.....9769/01

AFOSR 68-2668
CALIFORNIA UNIVERSITY OF
SINGULAR VALUE INEQUALITIES
JOURNAL OF THE LONDON MATHEMATICAL SOCIETY V44 PP118-120 1969
OAR ACCESS NO.....014931-015
BY MARCUS M
DDC NUMBER.....AD680058
INSTR...AF-AFOSR-0698-67
PROJECT/TASK.....9749/01

AFOSR 68-2669
INSTITUTE FOR ADVANCED STUDY
CONCERNING CELLULAR DECOMPOSITIONS OF THREE-MANIFOLDS THAT YIELD THREE-MANIFOLDS
TRANSACTIONS OF THE AMERICAN MATHEMATICAL SOCIETY V133 N2 PP307-332 SEPT 1968
OAR ACCESS NO.....000362-004
BY ARMENTROUT S
DDC NUMBER.....AD680090
INSTR...AF-AFOSR-0359-63
PROJECT/TASK.....9749/02

AFOSR 68-2670
MIAMI UNIVERSITY OF
PRODUCTION AND PROPAGATION OF PLASMOIDS IN A NONLINEAR ALFVEN WAVE
PHYSICS OF FLUIDS V11 N7 PP1582-1584 JUL 1968
OAR ACCESS NO.....017342-001
BY WELLS D R
NORWOOD J JR
DDC NUMBER.....AD679959
INSTR...AF-AFOSR-0848-67
PROJECT/TASK.....9752/01

AFOSR 68-2672
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
EFFECT OF INITIAL IMPERFECTIONS ON THE INSTABILITY OF A RING CONFINED IN AN IMPERFECT RIGID BOUNDARY
JOURNAL OF APPLIED MECHANICS PP979-984 DEC 1967
OAR ACCESS NO.....008094-007
BY BUCCIARELLI L L JR
PIAN T H H
DDC NUMBER.....AD679854
INSTR...AF-AFOSR-0347-65
PROJECT/TASK.....9782/01

AFOSR 68-2674
STANFORD UNIVERSITY
THE BOUNDARY BEHAVIOR [illegible] HE BERGMAN KERNEL FUNCTION /FRENCH/
C R ACAD SCI PARIS SER A V266 PP1132-1134 6 JUNE 1968
OAR ACCESS NO.....019720-007
BY CHALMERS B
DDC NUMBER.....AD680099
INSTR...AF-AFOSR-1047-66
PROJECT/TASK.....9769/01

AFOSR 68-2675
MASSACHUSETTS UNIVERSITY OF
LIGAND SUBSTITUTION DYNAMICS
ANNUAL REVIEWS OF PHYSICAL CHEMISTRY V19 PP193-214 SEPT 1968
OAR ACCESS NO.....023910-031
BY LANGFORD C H
STENGLE T R
DDC NUMBER.....AD679964
INSTR...AF-AFOSR-1384-68
PROJECT/TASK.....9710/07

AFOSR 68-2676
INDIANA UNIVERSITY
RECOGNITION PERFORMANCE AS A FUNCTION OF DETECTION CRITERION IN A SIMULTANEOUS DETECTION-RECOGNITION TASK
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OAR ACCESS NO.....014563-008
BY LINDNER W A
DDC NUMBER.....AD680056
INSTR...AF-AFOSR-0568-67
PROJECT/TASK.....9769/03

AFOSR 68-2677
INDIANA UNIVERSITY
MASKING-LEVEL DIFFERENCES WITH AND WITHOUT INTERAURAL DISPARITIES IN MASKER INTENSITY
THE JOURNAL OF ACOUSTICAL SOCIETY OF AMERICA V44 N1 PP212-223 JULY 1968
OAR ACCESS NO.....014563-004
BY MCFADDEN D
DDC NUMBER.....AD679221
INSTR...AF-AFOSR-0568-67
PROJECT/TASK.....9769/03

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INDIANA UNIVERSITY
RECOG OBTAINED WITH VOC SIGNAL INTENSITIES PRESENTED IN RANDOM ORDER AND A COMPARISON BETWEEN YES-NO AND RATING RECOG
PERCEPTION & PSYCHOPHYSICS V3 1A PP35-40 1968
OAR ACCESS NO.....014563-005
BY EMMERICH D S
DDC NUMBER.....AD679223
INSTR...AF-AFOSR-0568-67
PROJECT/TASK.....9769/03

AFOSR 68-2680
STANFORD UNIVERSITY
ON THE COEFFICIENT PROBLEM FOR UNIVALENT FUNCTIONS
TRANSACTIONS OF THE AMERICAN MATHEMATICAL SOCIETY V134 N1 PP95-101 OCTOBER 1968
OAR ACCESS NO.....019230-021
BY SCHIFFER M
DDC NUMBER.....AD679812
INSTR...AF-49/638/01345
PROJECT/TASK.....9749/02

AFOSR 68-2681
COLUMBIA UNIVERSITY
PLASMA HEATING BY STRONG SHOCK WAVES
OAR ACCESS NO.....009583-018
BY GHOSH R A
MILLER M
DDC NUMBER.....AD678637
INSTR...AF-49/638/01634
PROJECT/TASK.....9752/01

AFOSR 68-2682
GEORGIA TECH RESEARCH INSTITUTE
LONGITUDINAL AND TRANSVERSE DIFFUSION COEFFICIENTS OF MASS-IDENTIFIED N AND N2 POSITIVE IONS IN NITROGEN
PHYSICAL REVIEW LETTERS V21 N13 PP873-875 23 SEPTEMBER 1968
OAR ACCESS NO.....000043-803
BY MOSELEY J T
SNUGGS W M
MARTIN D W
MCDANIEL E W
DDC NUMBER.....AD680098
INSTR...AF-AFOSR-1118-66
PROJECT/TASK.....9767/02

AFOSR 68-2683
CALIFORNIA UNIVERSITY OF
RADIATIVE TRANSFER II THE ELIMATION OF THE MONOCHROMATIC SOURCE FUNCTION IN THE PRESENCE OF SCATTERING
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OAR ACCESS NO.....004553-003
BY HENYEY L
DDC NUMBER.....AD679856
INSTR...AF-AFOSR-0171-65
PROJECT/TASK.....9774/01

AFOSR 68-2684
CALIFORNIA UNIVERSITY OF
STUDIES IN STELLAR EVOLUTION VI EVOLUTION OF A SOLAR MASS RED GIANT WITH MASS LOSS
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OAR ACCESS NO.....008[illegible]-006
BY FOWLER J E
DDC NUMBER.....AD [illegible] 57
INSTR...AF-AFOSR-0171
PROJECT/TASK.....9774/01

AFOSR 68-2685
GRADUATE RSCH CENTER OF THE SOUTHWEST
A PROGRAM TO DETERMINE FUNDAMENTAL NUCLEAR DATA FROM MUON INTENSITY MEASUREMENTS AND TO INVESTIGATE GEOPHYSICAL ASPECTS OF COSMIC RAYS AT HIGH ENERGIES INITIAL PHASE FINAL
OAR ACCESS NO.....023810-002
BY SHELDON W R
DDC NUMBER.....AD678640
INSTR...AF-AFOSR-1316-67
PROJECT/TASK.....9791/04

AFOSR 68-2686
CALIFORNIA UNIVERSITY OF
OPERANT REINFORCEMENT OF A SKELETALLY MEDIATED AUTONOMIC RESPONSE UNCOUPLING OF THE TWO RESPONSES
PSYCHONOMIC SCIENCE V11 N6 PP195-196 1968
OAR ACCESS NO.....009322-023
BY GAVALAS R J
DDC NUMBER.....AD676095
INSTR...AF-49/638/01387
PROJECT/TASK.....9777/01

AFOSR 68-2687
PISA UNIVERSITY OF
SUPPRESSION OF NON-LINEARITIES IN THE PIGEONS ELECTRORETINOGRAM /ERG/
VISION RESEARCH V7 PP801-803 1967
OAR ACCESS NO.....019641-007
BY BANCHI V
CERVETTO L
MAFFEI L
DDC NUMBER.....AD679350
INSTR...Fm1052-67-C-0028
PROJECT/TASK.....9777/01

AFOSR 68-2688
PISA UNIVERSITY OF
TRANSIENT AND STEADY STATE ELECTRORETINAL RESPONSES
VISION RESEARCH V8 PP229-246 1968
OAR ACCESS NO.....019641-008
BY MAFFEI L
POPPELE R E
DDC NUMBER.....AD679121
INSTR...F61052-67-C-0028
PROJECT/TASK.....9777/01

AFOSR 68-2689
PISA UNIVERSITY OF
FREQUENCY ANALYSIS OF THE LATE RECEPTOR POTENTIAL
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OAR ACCESS NO.....019640-015
BY MAFFEI L
POPPELE R E
DOC NUMBER.....AD679396
INSTR...AF-61/052/00830
PROJECT/TASK.....9777/01

AFOSR 68-2690
PISA UNIVERSITY OF
SPATIAL AND TEMPORAL AVERAGES IN RETINAL CHANNELS
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OAR ACCESS NO.....019641-003
BY MAFFEI L
DOC NUMBER.....AD679364
INSTR...F61052-67-C-0028
PROJECT/TASK.....9777/01

AFOSR 68-2691
PISA UNIVERSITY OF
FREQUENCY ANALYSIS OF THE ELECTRORETINOGRAM
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OAR ACCESS NO.....019640-016
BY POPPELE R E
MAFFEI L
DOC NUMBER.....AD679395
INSTR...AF-61/052/00830
PROJECT/TASK.....9777/01

AFOSR 68-2692
PISA UNIVERSITY OF
BINOCULARLY DRIVEN NEURONS IN VISUAL CORTEX OF SPLIT-CHIASM CATS
AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE V159 PP308-310 19 JAN 1968
OAR ACCESS NO.....019641-006
BY BERLUCCHI G
RIZZOLATTI G
DOC NUMBER.....AD679350
INSTR...F61052-67-C-0028
PROJECT/TASK.....9777/01

AFOSR 68-2694
SOUTHERN CALIFORNIA UNIVERSITY OF
OPTIMIZATION OF DISCRETE-TIME SYSTEMS WITH COMBINED MODULATION
IEEE TRANSACTIONS ON AUTOMATIC CONTROL VAC-13 N3 PP286-289 JUNE 1968
OAR ACCESS NO.....021211-007
BY MARDIZZI L R
BEKEY G A
DOC NUMBER.....AD679262
INSTR...AF-AFOSR-1018-67
PROJECT/TASK.....9769/03

AFOSR 68-2695
PRINCETON UNIVERSITY
RAPIDLY ROTATING STARS III MASSIVE MAIN-SEQUENCE STARS
THE ASTROPHYSICAL JOURNAL V154 N2 PP627-643 NOVEMBER 1968
OAR ACCESS NO.....016500-036
BY MARK J W K
DOC NUMBER.....AD679001
INSTR...AF-49/638/01555
PROJECT/TASK.....9776/01

AFOSR 68-2696
PRINCETON UNIVERSITY
ON THE OSCILLATIONS AND STABILITY OF ROTATING STELLAR MODELS I MATHEMATICAL TECHNIQUES
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OAR ACCESS NO.....016500-035
BY TASSOUL J L
OSTRIKER J P
DOC NUMBER.....AD679004
INSTR...AF-49/638/01555
PROJECT/TASK.....9776/01

AFOSR 68-2697
TENNESSEE UNIVERSITY OF
REDUCTION OF NOREPINEPHRINE IN THE LOWER BRAINSTEM BY PSYCHOLOGICAL STIMULUS
PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES V60 N2 PP478-481 JUNE 1968
OAR ACCESS NO.....022780-016
BY WELCH A S
WELCH B L
DOC NUMBER.....AD679126
INSTR...AF-AFOSR-1226-67
PROJECT/TASK.....9777/01

AFOSR 68-2698
BORN RUNGE FOUNDATION
SLEEP STUDY IN SUBACUTE SCLEROSING LEUCOENCEPHALITIS /SSPE/ /FIRST RESULTS/
NEUROLOGY V18 N1 PART 2 PP60-66 JANUARY 1968
OAR ACCESS NO.....022171-001
BY PETRE-QUADENS O
SPAELLO F
VAN BOGAERT L
NOVA G
DOC NUMBER.....AD679008
INSTR...F61052-67-C-0066
PROJECT/TASK.....9777/01

AFOSR 68-2699
ROME UNIVERSITY OF
SPECTRAL DIFFERENCES BETWEEN HAEMOGLOBIN AND ISOLATED HAEMOGLOBIN CHAINS IN THE DEOXYGENATED STATE
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OAR ACCESS NO.....018062-001
BY BRUNORI M
ANTONINI E
WYMAN J
ANDERSON S R
DOC NUMBER.....AD679015
INSTR...AF-EOAR -0004-68
PROJECT/TASK.....9777/01

AFOSR 68-2700
PISA UNIVERSITY OF
DEPOLARIZATION OF OPTIC FIBER ENDINGS IN THE LATERAL GENICULATE BODY
ARCHIEVES ITALIENNES DE BIOLOGIE V105 PP373-382 1967
OAR ACCESS NO.....019640-017
BY KAHN N
MAGNI F
PILLAI R V
DOC NUMBER.....AD679122
INSTR...AF-61/052/00830
PROJECT/TASK.....9777/01

AFOSR 68-2701
WEIZMANN INSTITUTE OF SCIENCE
ANTIBODIES TO SEQUENTIAL AND CONFORMATIONAL DETERMINANTS
COLD SPRING HARBOR SYMPOSIA ON QUANTITATIVE BIOLOGY V32 PP537-545 1967
OAR ACCESS NO.....018322-007
BY SELA M
SCHECHTER B
SCHECHTER I
BOREK F
DOC NUMBER.....AD679298
INSTR...AF-EOAR -0019-67
PROJECT/TASK.....9777/01

AFOSR 68-2702
CASE WESTERN RESERVE UNIVERSITY
RECEPTORS CONCERNED IN THE REGULATION OF THE BLOOD TITER OF VASOPRESSIN
OAR ACCESS NO.....014821-001
BY SHARE L
DOC NUMBER.....AD679139
INSTR...AF-AFOSR-0692-67
PROJECT/TASK.....9777/01

AFOSR 68-2703
NEW YORK STATE UNIV RESEARCH FOUNDATION
FURTHER STUDIES ON THE VELOCITY FUNCTION OF MOVEMENT DETECTING CLASS-2 NEURONS IN THE FROG RETINA
VISION RESEARCH V8 PP1173-1185 1968
OAR ACCESS NO.....023250-001
BY GRUSSER O J
CORNELIS U G
LICKER M D
DOC NUMBER.....AD679245
INSTR...AF-AFOSR-1230-67
PROJECT/TASK.....9777/01

AFOSR 68-2704
COLORADO UNIVERSITY OF
MONITORING BIRD MOVEMENTS BY RADAR
IEEE SPECTRUM PP62-66 JUNE 1968
OAR ACCESS NO.....024040-001
BY FLOCK W L
DOC NUMBER.....AD679246
INSTR...AF-AFOSR-1377-68
PROJECT/TASK.....9777/01

AFOSR 68-2705
MINNESOTA UNIVERSITY OF
BINDING OF ANESTHETICS TO PROTEINS LINKAGE BETWEEN THE SIXTH-LIGAND SITE OF HEME IRON ION AND THE NONPOLAR BINDING SITES OF MYOGLOBIN
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OAR ACCESS NO.....020931-006
BY KEYES M
LUMRY R
DOC NUMBER.....AD671761
INSTR...AF-AFOSR-1227-67
PROJECT/TASK.....9777/01

AFOSR 68-2706
HARVARD UNIVERSITY
INTERACTION OF BEHAVIORAL AND PHYSIOLOGICAL STRESS REACTIONS
PSYCHOLOGICAL REVIEW V75 N4 PP271-291 1968
OAR ACCESS NO.....027580-002
BY TEICHNER W H
DOC NUMBER.....AD679265
INSTR...AF-AFOSR-1281-67
PROJECT/TASK.....9777/01

AFOSR 68-2707
KEIO UNIVERSITY
LOCALIZATION OF SPIKE-PRODUCING CELLS IN THE FROG RETINA
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OAR ACCESS NO.....509511-002
BY KANEKO A
HASHIMOTO H
DOC NUMBER.....AD679291
INSTR...NIPR -0013-67
PROJECT/TASK.....9777/01

AFOSR 68-2708
PISA UNIVERSITY OF
EXCITABILITY CHANGES ALONG VISUAL PATHWAYS DURING EYE TRACKING MOVEMENTS
ARCHIEVES ITALIENNES DE BIOLOGIE V106 PP141-156 1968
OAR ACCESS NO.....019640-014
BY KAWAMURA M
MARCHIAFAVA P L
DOC NUMBER.....AD679302
INSTR...AF-61/052/00830
PROJECT/TASK.....9777/01

AFOSR 68-2709
PISA UNIVERSITY OF
EFFECTS OF CASTRATION OF THE INHIBITION OF FLASHING IN FIREFLIES
ARCHIEVES ITALIENNES DE BIOLOGIE V106 PP100-112 1968
OAR ACCESS NO.....019641-002
BY BRUNELLI M
BUONAMICI M
MAGNI F
DDC NUMBER.....AD679364
INSTR...F61052-67-C-0028
PROJECT/TASK.....9777/01

AFOSR 68-2710
GOTEBORGS UNIVERSITY OF
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OAR ACCESS NO.....007426-004
BY CARLSSON A
LINDQVIST M
DDC NUMBER.....AD678997
INSTR...AF-EOAR -0036-67
PROJECT/TASK.....9777/01

AFOSR 68-2711
GOTEBORGS UNIVERSITY OF
STUDIES ON THE TACHYPHYLAXIS TO ALPHA-METHYL METATYRAMINE WITH SPECIAL REFERENCE TO ITS CENTRAL STIMULATING ACTION
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OAR ACCESS NO.....007426-005
BY SVENSSON T H
DDC NUMBER.....AD679250
INSTR...AF-EOAR -0036-67
PROJECT/TASK.....9777/01

AFOSR 68-2712
GOTEBORGS UNIVERSITY OF
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ACTA PHYSIOLOGICA SCANDANIVICA V73 PP161-175 1968
OAR ACCESS NO.....007426-006
BY JONASON J
RUTLEDGE C O
DDC NUMBER.....AD678998
INSTR...AF-EOAR -0036-67
PROJECT/TASK.....9777/01

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CALIFORNIA UNIVERSITY OF
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ZWEIZIG J R
KADO R T
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INSTR...AF-69/638/01387
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PISA UNIVERSITY OF
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OAR ACCESS NO.....019640-020
BY BUONAMICI M
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DDC NUMBER.....AD679123
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OREGON UNIVERSITY OF
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INSTR...AF-AFOSR-1296-67
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OAR ACCESS NO.....018421-010
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INSTR...AF-AFOS -0518-66
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OAR ACCESS NO.....024400-001
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OAR ACCESS NO.....024130-001
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INSTR...F44620-68-C-0017
PROJECT/TASK.....7921/00

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TEL-AVIV UNIVERSITY
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OAR ACCESS NO.....021480-011
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INSTR...AF-EOAR -0039-66
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OAR ACCESS NO.....017091-003
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INSTR...AF-AFOSR-0816-67
PROJECT/TASK.....9767/04

AFOSR 68-2740
CATHOLIC UNIVERSITY OF AMERICA
STOCHASTIC CONVERGENCE
D C HEATH AND COMPANY LEXINGTON MASSACHUSETTS
BY LUKACS E
OAR ACCESS NO.....014012-004
DDC NUMBER.....AD674031
INSTR...AF-AFOSR-0437-65
PROJECT/TASK.....9749/02

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NORTHWESTERN UNIVERSITY
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BY BRITTAIN J O
OAR ACCESS NO.....014051-001
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INSTR...AF-AFOSR-0468-67
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OHIO UNIVERSITY
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OAR ACCESS NO.....016851-001
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INSTR...AF-AFOSR-0385-67
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BRANDEIS UNIVERSITY
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BY DESER S
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OAR ACCESS NO.....017451-005
BY KUBIS J J
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DDC NUMBER.....AD680064
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RICE UNIVERSITY
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OAR ACCESS NO.....016560-012
BY MAY R M
CLAYTON D D
DDC NUMBER.....AD678643
INSTR...AF-AFOSR-0855-68
PROJECT/TASK.....9751/02

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BOSTON UNIVERSITY
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OAR ACCESS NO.....011363-003
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INSTR...AF-AFOSR-0385-67
PROJECT/TASK.....9751/01

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UNIVERSITY COLLEGE
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OAR ACCESS NO.....013501-004
BY FEGAN D J
MCBREEN B
O NONGAIN E P
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DDC NUMBER.....AD680082
INSTR...AF-EOAR -0027-67
PROJECT/TASK.....9751/04

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UNIVERSITY COLLEGE OF NORTH WALES
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BY MACDONALD J N
TAYLOR D
TYLER J K
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DDC NUMBER.....AD680087
INSTR...AF-EOAR -0039-67
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OAR ACCESS NO.....000983-002
BY STEIN F M
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DDC NUMBER.....AD679960
INSTR...AF-AFOSR-0185-67
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INSTR...AF-AFOSR-0741-65
PROJECT/TASK.....9749/02

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DDC NUMBER.....AD680079
INSTR...AF-AFOSR-0396-63
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BY NYBURG S C
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KINETICS OF ATOMIC ASSOCIATION REACTIONS USING FLASH PHOTOLYSIS OVER A WIDE TEMPERATURE RANGE FINAL REPORT NOV 1968
OAR ACCESS NO.....014440-001
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DDC NUMBER.....AD679607
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KVIFTE G J
BJORDAL J
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BY DEARHOLL M
SUCHER J
DDC NUMBER.....AD680559
INSTR...AF-AFOSR-1453-68
PROJECT/TASK.....9751/01

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OAR ACCESS NO.....010109-001
BY ARM D L
DDC NUMBER.....AD679198
INSTR...AF-AFOSR-1520-68
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OAR ACCESS NO.....017460-003
BY CHAVEZ L
NARANJO E
NARANJO P
DDC NUMBER.....AD679868
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NARANJO E
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OAR ACCESS NO.....000194-002
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DDC NUMBER.....AD679958
INSTR...AF-AFOSR-0272-67
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OAR ACCESS NO.....018540-004
BY TROUSDALE W L
DDC NUMBER.....AD679640
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DDC NUMBER.....AD679871
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IONIC THERMOCONDUCTIVITY AND PROPERTIES OF DIELECTRICS
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BY BENCI S
BUCCI C
CAPELLETTI R
FIESCHI R
PARACCHINI C

OAR ACCESS NO.....012001-006
DDC NUMBER.....AD679609
INSTR...AF-EOAR -0007-65
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INSTR...AF-EOAR -0036-66
PROJECT/TASK.....9777/01

AFOSR 68-2770
PISA UNIVERSITY OF
ON A FORMAL DEFINITION OF DIRECT MACHINE TOOL LANGUAGES

BY DI FORENO A F
CAMERA A

OAR ACCESS NO.....023310-001
DDC NUMBER.....AD679598
INSTR...F61052-67-C-0097
PROJECT/TASK.....9769/05

AFOSR 68-2771
JOHNS HOPKINS UNIVERSITY
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NUCLEON QUASI-EQUILIBRIUM DURING STELLAR BURNING
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CLAYTON D D
FOWLER W A

OAR ACCESS NO.....019560-013
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INSTR...AF-AFOSR-0859-65
PROJECT/TASK.....9751/07

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ROCHESTER UNIVERSITY OF
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MANDEL L

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INSTR...AF-49(638)-01532
PROJECT/TASK.....9767/02

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BY MOUSSA M T A

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INSTR...AF-AFOSR-0734-67
PROJECT/TASK.....9760/01

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PRINCETON UNIVERSITY
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BY PERKINS F W

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INSTR...AF-49(638)-01555
PROJECT/TASK.....9776/01

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SHEFFIELD UNIVERSITY OF
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INSTR...AF-EOAR -0004-66
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INSTR...AF-49(638)-01386
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OAR ACCESS NO.....010372-003
BY GINN S G W — DDC NUMBER.....AD680150
REICHMAN S — INSTR...AF-AFOSR-0570-67
PROJECT/TASK.....9760/01

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CALIFORNIA UNIVERSITY OF
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OAR ACCESS NO.....024310-004
BY DEPLOMB E P — DDC NUMBER.....AD680131
OLFE D B — INSTR...F44620-68-C-0010
PROJECT/TASK.....7921/02

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ON OBSERVERS IN MULTI-VARIABLE CONTROL SYSTEMS
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OAR ACCESS NO.....000182-004
BY BONGIORNO J J JR — DDC NUMBER.....AD680138
YOULA D C — INSTR...AF-49/638/01373
PROJECT/TASK.....9749/01

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CHICAGO UNIVERSITY
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OAR ACCESS NO.....015061-034
BY CHOCK D P — DDC NUMBER.....AD680502
JORTNER J — INSTR...AF-AFOSR-0781-67
RICE S A — PROJECT/TASK.....9760/01

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CHICAGO UNIVERSITY
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OAR ACCESS NO.....015061-035
BY WILSON H W — DDC NUMBER.....AD680503
RICE S A — INSTR...AF-AFOSR-0781-67
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RICE UNIVERSITY
THE SET OF ASYMPTOTIC VALUES OF A BOUNDED HOLOMORPHIC FUNCTION
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OAR ACCESS NO.....017560-001
BY RYAN P B — DDC NUMBER.....AD680508
INSTR...AF-AFOSR-0941-65
PROJECT/TASK.....9749/02

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RICE UNIVERSITY
A CHARACTERIZATION OF THE SET OF ASYMPTOTIC VALUES OF A FUNCTION HOLOMORPHIC IN THE UNIT DISC
DUKE MATHEMATICAL JOURNAL V33 N3 PP485-494 SEPTEMBER 1966
OAR ACCESS NO.....017560-002
BY RYAN P B — DDC NUMBER.....AD680509
INSTR...AF-AFOSR-0941-65
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CALIFORNIA INSTITUTE OF TECHNOLOGY
CORRELATION BETWEEN PHOTOCHEMISTRY AND HIGH-ENERGY RADIATION CHEMISTRY
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OAR ACCESS NO.....015080-015
BY HAMMOND G S — DDC NUMBER.....AD680136
CALDWELL R A — INSTR...AF-49/638/01479
KING J M — PROJECT/TASK.....9762/01
KRISTINSSON H
WHITTEN J G

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ILLINOIS UNIVERSITY OF
GAIN CHARACTERISTICS OF A WATER VAPOR LASER
PROCEEDINGS OF THE IEEE V55 N12 PP2163-2166 DEC 1967
OAR ACCESS NO.....016982-003
BY JEFFERS W Q
WITTIG C P
COLEMAN P D
DDC NUMBER.....AD680185
INSTR...AF-AFOSR-1147-66
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OAR ACCESS NO.....017451-007
BY HARDCASTLE D L
GAMMEL J L
KEOWN R
DDC NUMBER.....AD680573
INSTR...AF-AFOSR-0918-67
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UNIVERSITY COLLEGE
OBSERVATIONS OF CP1133 WITH A FAST NIGHT SKY CERENKOV
DETECTOR
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OAR ACCESS NO.....013501-005
BY O MONGAIN E P
PORTER N A
WHITE J
FEGAN D J
JENNINGS D M
DDC NUMBER.....AD680326
INSTR...AF-EOAR -0027-67
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MARYLAND UNIVERSITY OF
PREDOMINANTLY ELECTROMAGNETIC AIR SHOWERS OF ENERGY 10-14
EV TO 10-16 EV
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MAY 1968
OAR ACCESS NO.....021051-002
BY KAMATA K
SHIBATA S
SAAVEDRA O
DOMINGO V
SUGA K
DDC NUMBER.....AD680731
INSTR...AF-AFOSR-1176-66
PROJECT/TASK.....9751/04

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TEXAS A AND M RESEARCH FOUNDATION
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SCATTERING WITH TENSOR INTERACTION
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OAR ACCESS NO.....017451-008
BY PURRINGTON R D
GAMMEL J L
DDC NUMBER.....AD680572
INSTR...AF-AFOSR-0918-67
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MARYLAND UNIVERSITY OF
HIGH ENERGY INTERACTIONS OF COSMIC RAYS GREATER THAN 1000
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OAR ACCESS NO.....021051-003
BY KAMATA K
LA POINTE M M
GAEBLER J F
ESCOBAR I
SHIBATA S
DDC NUMBER.....AD680730
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ON THE DEGENERACY OF THE KEPLER PROBLEM
PACIFIC JOURNAL OF MATHEMATICS V19 N1 1966
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BY DULOCK V A
MCINTOSH H V
DDC NUMBER.....AD680324
INSTR...AF-AFOSR-0471-66
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ROCHESTER UNIVERSITY OF
EXACT NEAR FIELD SCATTERING AMPLITUDE AND EVANESCENT WAVES
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OAR ACCESS [illegible].....004628-009
BY EBERLY J H
DDC NUMBER.....AD680504
INSTR...AF-AFOSR-1404-68
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OAR ACCESS NO.....018881-002
BY GLASS G E
KONNERT J H
MILES M G
BRITTON D
TOBIAS R S
DDC NUMBER.....AD680953
INSTR...AF-AFOSR-3691-67
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MINNESOTA UNIVERSITY OF
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BY GLASS G E
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DDC NUMBER.....AD680892
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ILLINOIS UNIVERSITY OF
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BY JEFFERS W Q
JOHNSON C J
DDC NUMBER.....AD680568
INSTR...AF-AFOSR-0272-67
PROJECT/TASK.....9767/02

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ILLINOIS UNIVERSITY OF
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OAR ACCESS NO.....016982-004
BY JEFFERS W Q
JOHNSON C J
DDC NUMBER.....AD680568
INSTR...AF-AFOSR-1147-66
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MARYLAND UNIVERSITY OF
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BY LA POINTE M
KAMATA K
GAEBLER J F
ESCOBAR I V
DOMINGO V
DDC NUMBER.....AD680325
INSTR...AF-AFOSR-1176-66
PROJECT/TASK.....9751/04

AFOSR 68-2867
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OAR ACCESS NO.....021690-003
BY JANZEN E G
BLACKBURN B J
DDC NUMBER.....AD680158
INSTR...AF-AFOSR-1069-66
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BY JANZEN E G
MEYER J L JR
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DDC NUMBER.....AD680157
INSTR...AF-AFOSR-1069-66
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TEXAS UNIVERSITY OF
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OAR ACCESS NO.....015291-004
BY METTEE H D
DDC NUMBER.....AD680506
INSTR...AF-AFOSR-0778-67
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TEXAS UNIVERSITY OF
SOME ASPECTS OF ENERGY DEGRADATION OF EXCITED MOLECULES
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BY NOYES W A JR
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OAR ACCESS NO.....015291-005
BY BURTON C S
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DDC NUMBER.....AD680507
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AFOSR 68-2873
GEORGIA UNIVERSITY OF
ELECTRON SPIN RESONANCE STUDY OF THE ELECTROLYSIS OF TRIFLUORONITROSOMETHANE & TRIFLUORONITROMETHANE
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OAR ACCESS NO.....021690-005
BY GERLOCK J L — DDC NUMBER.....AD680307
JANZEN E G — INSTR...AF-AFOSR-1069-66
PROJECT/TASK.....9762/03

AFOSR 68-2874
GEORGIA UNIVERSITY OF
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BY GERLOCK J L — DDC NUMBER.....AD680186
JANZEN E G — INSTR...AF-AFOSR-1069-66
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OAR ACCESS NO.....014881-001
BY SPLINTER R C — DDC NUMBER.....AD680148
HARRIS S J — INSTR...AF-AFOSR-0691-67
TOBIAS R S — PROJECT/TASK.....9710/01

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TECHNISCHE HOCHSCHULE IN WIEN
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OAR ACCESS NO.....004823-001
BY THIRRING W E — DDC NUMBER.....AD680287
INSTR...AF-61/052/00959
PROJECT/TASK.....9751/01

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PROGRAM OF SYSTEM RESEARCH FINAL REPORT DEC 1968
OAR ACCESS NO.....013152-005
BY BERGEN A R — DDC NUMBER.....AD680048
TURIN G L — INSTR...AF-AFOSR-0230-66
PROJECT/TASK.....9749/01

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MINNESOTA UNIVERSITY OF
POLYNUCLEAR HYDROXO COMPLEXES FINAL REPORT SEPT 1968
OAR ACCESS NO.....014880-005
BY TOBIAS R S — DDC NUMBER.....AD680027
INSTR...AF-AFOSR-0691-65
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NOTRE DAME UNIVERSITY OF
STRAIN ENERGY AND METASTABILITY OF 3-DIMENSIONAL DISLOCATION ARRAYS FINAL REPORT AUG 1968
OAR ACCESS NO.....016370-001
BY ALLEN C W — DDC NUMBER.....AD680029
INSTR...AF-AFOSR-0809-65
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INTERNATIONAL BUSINESS MACHINES CORP
MAGNETIC PROPERTIES OF DIVALENT EUROPIUM COMPOUNDS FINAL REPORT MARCH 1968
OAR ACCESS NO.....013270-008
BY SMART J S — DDC NUMBER.....AD680848
INSTR...AF-49/638/01230
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RESPONSE OF A LARGE SYSTEM TO A TIME-DEPENDENT FIELD OF ARBITRARY STRENGTH FINAL REPORT FEB 1968
OAR ACCESS NO.....017030-005
BY KORRINGA J — DDC NUMBER.....AD680047
SNUG C C — INSTR...AF-AFOSR-0869-65
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OAR ACCESS NO.....012540-017
BY JONA F P — DDC NUMBER.....AD680049
INSTR...AF-49/638/01201
PROJECT/TASK.....9762/02

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STANFORD UNIVERSITY
AN UNSERVER MOVING IN THE 3 DEGREES K RADIATION FIELD
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OAR ACCESS NO.....000184-001
BY BRACEWELL R N — DDC NUMBER.....AD680134
CONKLIN E K — INSTR...F44620-68-C-0028
PROJECT/TASK.....9767/ 0

AFOSR 68-2889
STANFORD UNIVERSITY
SIMULTANEOUS OBSERVATIONS OF A PULSATING RADIO SOURCE OVER A 5,000 KM BASELINE
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OAR ACCESS NO.....000183-006
BY CONKLIN E K — DDC NUMBER.....AD680137
HOWARD H T — INSTR...AF-49/638/01375
CRAFT — PROJECT/TASK.....9767/02
COMELLA J M

AFOSR 68-2893
STANFORD UNIVERSITY
DETERMINATIONS OF STATE-VARIABLE EQUATIONS FOR ADMITTANCE DESCRIPTIONS SUITABLE FOR THE COMPUTER
PROCEEDINGS OF THE IEEE V56 N8 PP1372-1373 AUGUST 1968
OAR ACCESS NO.....011062-008
BY MILLER J A — DDC NUMBER.....AD680585
NEWCOMB R W — INSTR...F44620-67-C-0001
PROJECT/TASK.....9749/01

AFOSR 68-2894
STANFORD UNIVERSITY
STATE-VARIABLE SYNTHESIS OF INTEGRATED-CIRCUIT DISTRIBUTED RC TRANSFER FUNCTIONS
ELECTRONICS LETTERS V4 N15 25 JULY 1968
OAR ACCESS NO.....011062-009
BY KOZEMCHAK E B — DDC NUMBER.....AD680587
NEWCOMB R W — INSTR...F44620-67-C-0001
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MINNESOTA UNIVERSITY OF
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BY SIDDIQEE M W — DDC NUMBER.....AD680556
INSTR...AF-AFOSR-1502-68
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PENNSYLVANIA STATE UNIVERSITY
ATOMIC SILICON REACTION WITH TRIMETHYLSILANE
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OAR ACCESS NO.....022300-001
BY SKELL P S — DDC NUMBER.....AD680536
OWEN P W — INSTR...AF-AFOSR-1245-67
PROJECT/TASK.....9762/01

AFOSR 68-2899
PENNSYLVANIA STATE UNIVERSITY
TRIMETHYLENEMETHANE C/CH SUB 2 /SUB 3
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OAR ACCESS NO.....022300-002
BY SKELL P S — DDC NUMBER.....AD680520
INSTR...AF-AFOSR-1245-67
PROJECT/TASK.....9762/01

AFOSR 68-2900
PENNSYLVANIA STATE UNIVERSITY
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JOURNAL AMERICAN CHEMICAL SOCIETY V89 N12 PP2912-2915 7 JUNE 1968
OAR ACCESS NO.....022300-003
BY SKELL P S — DDC NUMBER.....AD680535
ENGEL R R — INSTR...AF-AFOSR-1245-67
PROJECT/TASK.....9762/01

AFOSR 68-2904
PENNSYLVANIA STATE UNIVERSITY
2-OXO-1 3-ALKADIYL DIRADICALS DEHALOGENATION OF ALPHA-ALPHA
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OAR ACCESS NO.....022300-004
BY DOERR R G — DDC NUMBER.....AD680534
SKELL P S — INSTR...AF-AFOSR-1245-67
PROJECT/TASK.....9762/01

AFOSR 68-2905
PENNSYLVANIA STATE UNIVERSITY
TRIMETHYLENEMETHANE SUPER I
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BY SKELL P S
DOERR R G

OAR ACCESS NO.....022300-005
DDC NUMBER.....AD680833
INSTR...AF-AFOSR-1245-67
PROJECT/TASK.....9762/01

AFOSR 68-2906
PENNSYLVANIA STATE UNIVERSITY
THE 3 3-DIMETHYL-2-BUTYL CATION PINACOLYL CATION
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BY SKELL P S
REICHENBACHER P H

OAR ACCESS NO.....022300-006
DDC NUMBER.....AD680538
INSTR...AF-AFOSR-1245-67
PROJECT/TASK.....9762/01

AFOSR 68-2907
PENNSYLVANIA STATE UNIVERSITY
THE 3 3-DIMETHYL-1-BUTYL CATION
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BY SKELL P S
REICHENBACHER P H

OAR ACCESS NO.....022300-007
DDC NUMBER.....AD680537
INSTR...AF-AFOSR-1245-67
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PENNSYLVANIA STATE UNIVERSITY
RELATIVE RATE CONSTANTS FOR ANODIC OXIDATIONS OF POTASSIUM ALKANECARBOXYLATES
JOURNAL AMERICAN CHEMICAL SOCIETY V90 PP1816-1817 1968

BY REICHENBACHER P H
LIU M Y
SKELL P S

OAR ACCESS NO.....022300-008
DDC NUMBER.....AD680737
INSTR...AF-AFOSR-1245-67
PROJECT/TASK.....9762/01

AFOSR 68-2909
PENNSYLVANIA STATE UNIVERSITY
VALIDITY OF EVIDENCE ALLEGED TO DISTINGUISH BETWEEN TETRAHEDRAL AND BRIDGE RADICALS
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BY NOYES R M
APPLEQUIST D E
BENSON S W
GOLDEN D M
SKELL P S

OAR ACCESS NO.....022300-009
DDC NUMBER.....AD680532
INSTR...AF-AFOSR-1245-67
PROJECT/TASK.....9762/01

AFOSR 68-2910
PENNSYLVANIA STATE UNIVERSITY
INTERMEDIATES IN ANODIC OXIDATION OF CARBOXYLATES
CHRONOPOTENTIOMETRY
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BY REICHENBACHER P H
MORRIS M D
SKELL P S

OAR ACCESS NO.....022300-010
DDC NUMBER.....AD680531
INSTR...AF-AFOSR-1245-67
PROJECT/TASK.....9762/01

AFOSR 68-2911
UNIVERSITY OF ADELAIDE
THE BUCKLAND PARK ANTENNA ARRAY
THE AUSTRALIAN PHYSICIST V5 N7 PP95-98 JULY 1968

BY RIGGS B H
ELFORD W G

OAR ACCESS NO.....016962-001
DDC NUMBER.....AD680551
INSTR...AF-AFOSR-0864-67
PROJECT/TASK.....9767/02

AFOSR 68-2912
NORTH CAROLINA STATE UNIVERSITY
THE STRESS INTENSITY FACTORS FOR A GRIFFITH CRACK IN AN ELASTIC BODY IN WHICH THERE IS AN ASYMMETRICAL DISTRIBUTION OF BODY FORCES

BY SNEDDON I N
TWEED J

OAR ACCESS NO.....011593-004
DDC NUMBER.....AD668961
INSTR...AF-AFOSR-0444-66
PROJECT/TASK.....9749/01

CALLAN C G JR
AFOSR 68-0376

CALLAN E J
AML 67-0051T

CALLAN J R
AML 68-0365V

CALLAWAY J
AFOSR 67-0237
AFOSR 67-0604
AFOSR 67-1097
AFOSR 68-0168
AML 68-1406A

CALLEN E
AFOSR 68-1788

CALRK D N
AFOSR 68-2572

CAMMEL A B
AFOSR 68-1198
AML 67-0118U
AML 67-0218U

CAMERA A
AFOSR 68-2770

CAMERON R H
AFOSR 67-2759
AFOSR 67-2767
AFOSR 68-2526

CAMERON W S
AFOSR 68-2147

CAMICHEL H
AFCRL 67-0504

CAMP A S
AFOSR 68-0077

CAMPANATO S
AFOSR 67-1713
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CAMPBELL A D
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CAMPBELL J O
AFOSR 67-1614

CAMPBELL J W
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CAMPBELL W J
AFOSR 68-0043
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CAMPBELL W S
ARL 67-0065T
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CAMPOLATTARO A
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CANFIELD F A
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AFOSR 68-2140

CANFIELD S
AFOSR 68-0273

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CANNON J R
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CAPPELLETTI J
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CARPENELL J R
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CARD F C
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CARDWELL G L
AFOSR 68-1790

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AML 68-1111J

CARLSON E R
AFCRL 68-0133

CARLSON H C
AFOSR 67-0006

CARLSON K D
AFOSR 67-1146
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AML 68-0189B

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AFOSR 67-1428

CARLSON W L
AFOSR 67-1941

CARLSON E A
AFOSR 68-2687

CARLSSON A
AFOSR 67-0986
AFOSR 67-0865
AFOSR 67-2275
AFOSR 68-0528
AFOSR 68-0602
AFOSR 68-0603
AFOSR 68-0605
AFOSR 68-2710

CARMAN C T
AML 68-1227A
AML 68-1228B

CARMELI M
ARL 67-1051
AML 68-0224V
AML 68-0228V

CARMI G
AFCRL 68-0209

CARMONA A
AFOSR 68-0663

CARNEVALE E H
AFCRL 68-0194

CAROLI C
AFOSR 67-1743
AFOSR 67-2487
AFOSR 67-2488
AFOSR 68-0540

CARON A P
AML 67-0338W

CARPENTER D L
AFOSR 68-2009

CARPENTER J T
AML 68-1086N
ARL 68-1450T

CARPENTER J W
AFCRL 67-0562

CARPENTER K H
AFCRL 68-0588

CARRI A
AFOSR 68-0794

CARR E F
AFOSR 67-1690
AFOSR 67-1779
AFOSR 67-2622

CARR L J
AFOSR 68-2066

CARR S L
AFOSR 67-2753

CARR T O
AFOSR 67-0211

CARROLL J C
AFCRL 67-0432

CARRICO J O
AFCRL 68-0064

CARNISON L C
AFCRL 68-0441

CARROLL R O
AFOSR 68-1920

CARSON F W
AFOSR 68-2497

CARTER L L
AFOSR 68-0750

CARTER W H
AFOSR 67-0761

CARUSO M
AFOSR 67-0931

CARVER J H
AFOSR 68-1099
AFOSR 68-2503

CASADAY K H
AFOSR 67-0888
AFOSR 68-1446

CASE C T
AFCRL 67-0065
AML 68-1443M

CASH G E
AFOSR 67-0621

CASLIN J C
ARL 67-0001T
ARL 68-0209T
AML 68-1006A

CASS T R
AFML 67-0290

CASSEDY C S
AFOSR 67-1861
AFOSR 68-0220
AFOSR 68-0227

CASSOLA R L
AFOSR 67-1281
AFOSR 67-1760
AFOSR 68-0909
AFOSR 68-1119
AFOSR 68-1725

CASTANER J
ARL 67-1093B
AML 67-1094B
ARL 67-1095D
AML 67-1096M
AML 68-0107U

CASTELL L
AFOSR 67-0491
AFOSR 67-1774
AFOSR 67-2276

CASTELLI J P
AFCRL 67-0622
AFCRL 68-0231

CASTLEMAN K R
AFOSR 67-0710
AFOSR 67-1569

CATALDO J C
AFOSR 68-2639

CATENG R
AFCRL 68-0432

CATTENALL H
AFOSR 67-0121

CAUTIN H
AFOSR 68-0565
AFOSR 68-1600
AFOSR 68-1838

CAVAGGIONI A
AFOSR 67-0877

CAVINESS H F
AFOSR 68-1595

CAZOOO
AFOSR 68-1270

CELLI V
AFOSR 67-2662
AFOSR 67-2669

AFOSR 68-0961
AFOSR 68-1712

CELLINI N
AFOSR 67-1339
AFOSR 68-1000

CENKNER A A JR
ARL 68-0109U
ARL 68-1194H

CERCIGNANI C
AFOSR 67-0137
AFOSR 67-0138
AFOSR 67-0691
AFOSR 67-0692
AFOSR 67-1913
AFOSR 67-1914
AFOSR 67-1915
AFOSR 67-1916
AFOSR 67-2662
AFOSR 68-2315
AFOSR 68-2403

CERESOLA R
ARL 67-11H4N

CERKANOWICZ A E
AFOSR 68-1553

CERVETTO L
AFOSR 68-2687

CESARI L
AFOSR 68-1475
AFOSR 68-1702
AFOSR 68-1915
AFOSR 68-1931
AFOSR 68-1957
AFOSR 68-2307
AFOSR 68-2345
AFOSR 68-2366

CESS R D
ARL 67-0315U
ARL 68-0151U
ARL 68-0363W

CETORELLI J J
AFOSR 68-0356

CHEN S Y
AFOSR 67-2206
AFOSR 68-0108

CHABRE M
AFOSR 67-1979

CHACE W G
AFCRL 67-0556

CHAI S
AFOSR 67-0375

CHAI S Y
AFOSR 67-2081

CHAI W A
AFOSR 67-0123

CHAIKEN J M
AFOSR 68-1370

CHALMERS B
AFOSR 68-0304
AFOSR 68-2674

CHAMPION K S W
AFCRL 67-0141
AFCRL 67-0330
AFCRL 68-0068

CHAMPION S L
AFOSR 67-1374
AFOSR 67-1375

CHAMPLIN K S
AFOSR 67-1645

AFOSR 67-1958

CHAN F L
AWL 67-0088V
AWL 67-0089V
AWL 67-0096V
ARL 67-0097V
AWL 67-1283A
ARL 68-0001V
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CHAN S I
AFOSR 67-0888

CHAN Y F
AFOSR 67-0333

CHAND R
AFOSR 68-2501
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CHANDRA J
AFOSR 68-1414
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CHANDRASEKHAR B S
AFOSR 67-1770
AFOSR 67-1772
AFOSR 68-1557

CHANG D B
AFOSR 67-0930
AFOSR 68-0734

CHANG D C
AFCRL 67-0458
AFCRL 67-1377
AFCRL 67-0306
AFCRL-67-0534

CHANG D T
AFCRL 68-0360

CHANG J C
AFCRL 67-0523

CHANG K K N
AFCRL 67-0567

CHANG L N
AFOSR 68-0138

CHANG S
AFCRL 67-0111
AFCRL 68-0036

CHANG S J
AFOSR 67-1176
AFOSR 68-0137
AFOSR 68-1273

CHANG T T L
AFOSR 67-1848
AFOSR 68-0795
AFOSR 68-1832

CHANG Y W H
AFCRL 67-0263
AFCRL 67-3434
AFCRL 67-0651

CHANGE C C
AFOSR 68-2116

CHANSONI M A JR
AFOSR 67-0218
AFOSR 67-0225
AFOSR 67-1020
AFOSR 67-1209
AFOSR 67-1715
AFOSR 67-2166
AFOSR 67-2803
AFOSR 68-1609
AFOSR 68-1711
AFOSR 68-2210

CHAO C C
AFOSR 68-0197

AFOSR 68-1035
AFOSR 68-1036
AFOSR 68-1037
AFOSR 68-1967

CHAPEL N C
AFOSR 67-1768
AFOSR 68-2410

CHAPMAN K H
AFOSR 68-0900

CHAPMAN W C
AFCRL 68-0265

CHAPMAN S
AFCRL 68-0645

CHAPPERT J
AFOSR 67-2617
AFOSR 68-0014

CHAPPLE P D
AFOSR 67-0715

CHARETTE A P
ARL 68-1296N

CHARLES D
ARL 68-3140T

CHARLTON T F
AFCRL 67-0378
AFCRL 68-0136
AFCRL 68-0284

CHASE C E
AFOSR 67-2371
AFOSR 67-2330

CHASE D I
APL 68-0186W

CHASE E N
AFCRL 68-0128
AFCRL 68-0129
AFCRL 68-0130
AFCRL 68-0131

CHASTON S H H
AFOSR 68-0331

CHATTERJI A
AFOSR 68-1827
AFOSR 68-1901
AFOSR 68-2109

CHATTERJI S C
ARL 67-3066V

CHAU A Y
AFOSR 67-1177

CHAUDHRI Y N
AFOSR 68-0572
AFOSR 68-1780

CHAUDHURI S P
AFOSR 68-2010

CHAUVIN J
ARL 67-3063U
APL 67-0120U
ARL 68-0110U

CHAVEZ L
AFOSR 68-2781

CHAWLA L M
AFOSR 67-2153
AFOSR 68-0760

CHEBOTAREV V P
AFOSR 67-2629
AFOSR 67-2663

CHECCACCI P F
AFCRL 67-0357
AFCRL 68-0532

CHEDIN A
AFCRL 67-0321

CHEN C C
AFOSR 67-1132
AFOSR 67-1527

CHEN C L
AFCRL 68-0280

CHEN C T
AFOSR 67-0340
AFOSR 68-1172
AFOSR 68-1182
AFOSR 68-2049
AFOSR 68-2065
AFOSR 68-2283
ARL 68-13290

CHEN F F
ARL 68-1441M

CHEN H S
AFCRL 67-3089

CHEN K M
AFCRL 67-0429
AFCRL 67-0490
AFCRL 68-0585
AFCRL 68-0562
AFCRL 68-0583

CHEN K
AFCRL 67-0322

CHEN S
ARL 68-0043W

CHEN S S
AFOSR 67-1865

CHEN S Y
AFOSR 68-2105

CHEN W K
AFOSR 68-2413

CHEN W Y
AFOSR 67-1145

CHEN Y N
AFOSR 67-2067

CHEN Y S
AFCRL 67-0325

CHEN-CHAO K
AFCRL 68-0273
AFCRL 68-0289

CHENETTE E R
AFCRL 68-0145
AFCRL 68-0493

CHENEY E W
AFOSR 67-0784
AFOSR 68-0951
AFOSR 68-1160
AFOSR 68-2015

CHENG D K
AFCRL 67-0310
AFCRL 67-0402
AFCRL 67-0489
AFCRL 67-0650

CHENG J T
AFOSR 67-1901
AFOSR 68-0243

CHEREL W
AFCRL 68-0715

CHERN D C
AFCRL 68-0328

CHERRINGTON B E
ARL 67-0284W
ARL 68-0033U
ARL 69-0135U
ARL 68-0167W

CHESEBROUGH G E
AFCRL 67-0396

CHHATPAR C K
AFOSR 68-0001

CHIANG D
AFOSR 67-1766
AFOSR 67-2469

CHICKOS J
AFOSR 67-2416
AFOSR 68-2496

CHIEN K Y
AFOSR 68-0144
AFOSR 68-1170
AFOSR 69-1549

CHILDERS B G
AFOSR 67-0466

CHILDRESS S
AFOSR 67-0124
AFOSR 67-0476

CHIMONAS G
AFOSR 68-1120

CHINNERY M A
AFOSR 67-2092

CHISHOLM A J
AFCRL 67-0657

CHISHOLM R
AFOSR 67-2285

CHIU C H
AFOSR 67-1245
AFOSR 68-1318

CHOCK D P
AFOSR 68-2550

CHOU Y S
AFOSR 67-1967

CHOU Y T
AFOSR 67-2655

CHOUDHURY S R
AFOSR 68-0271
AFOSR 68-0278
AFOSR 68-0306
AFOSR 68-1502
AFOSR 69-2279

CHOW C F
AFCRL 68-0206

CHOW P C
AFOSR 67-2770

CHOWN J M
AFCRL 67-0208
AFCRL 68-0155
AFCRL 68-0156

CHRISTENSEN D
ARL 68-1494W

CHRISTIAN J M
AFOSR 68-0235

CHRISTIANSEN J J
AFOSR 67-0011
AFOSR 67-0014

CHU H T
AFOSR 68-0467

CHU C K
AFOSR 67-0288
AFOSR 67-1263
AFOSR 67-2078
AFOSR 67-2082
AFOSR 68-1205

CHU C W
AFOSR 67-2409
AFOSR 68-0661
AFOSR 68-0928
AFOSR 68-1806

CHU K
AFOSR 68-

CHU S C
AFOSR 67-1471

CHU S T
AFOSR 67-0129

CHU-SHEN C
AFCRL 68-0292

CHUA H I
AFOSR 67-1886

CHUANG P C
AFOSR 67-0883

CHUNG D L
AFOSR 67-1574

CHUI G
AFOSR 67-2047

CHUNG K L
AFOSR 67-0153

CHUNG P T
AFOSR 67-0803
AFOSR 68-2068

CHYUNG D H
AFOSR 67-0298
AFOSR 67-1457
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AFOSR 68-0308

CIANCI S N
AFOSR 68-1572

CIMING M
AFCRL 68-0328

CIPULLA J W JR
AFOSR 68-2823

CIUFFARIN E
AFOSR 67-0730
AFOSR 67-0731

CLAASSEN H H
AFOSR 68-1628

CLAPSON T
AFC 67-1732

CLARK H G
AFOSR 67-2610
AFOSR 68-1025
AFOSR 68-2008

CLARK C
AFOSR 67-1802
AFOSR 68-0173
AFOSR 68-0682
AFOSR 68-1278
AFOSR 68-2382

CLARK C W
AFOSR 68-1147

CLARK D N
AFOSR 67-1289
AFOSR 68-2039

CLARK D W
AFOSR 67-0678

CLARK G
AFOSR 68-0185

CLARK G D
AFCRL 67-0056

CLARK H E
ARL 67-0198U

CLARK J A
ARL 67-0287W
ARL 67-0288W

CLARK J E
AFCRL 68-0225

CLARK R R
AFCRL 68-0062

CLARKE B
AFOSR 68-0801

CLARRICOATS P J B
AFCRL 67-0441

CLASE H J
AFOSR 68-0175

CLASS W
AFCRL 67-0273
AFCRL 68-0004

CLAUSON D W
SRL 68-0006

CLAY J T
ARL 67-0185T

CLAYTON D D
AFOSR 67-1095
AFOSR 67-2499
AFOSR 67-2523
AFOSR 67-2579
AFOSR 68-0728
AFOSR 68-2748
AFOSR 68-2772

CLEARY J P
AFCRL 67-0026

CLEM J R
AFOSR 67-0162
AFOSR 67-0701

CLEMENT P R
AFOSR 68-2804

CLEMENTE C D
AFOSR 68-1341

CLEMENZ H E
AFCRL 67-0426
AFCRL 67-0439

CLEMM J S
ARL 67-1272F
ARL 68-0233U
ARL 68-1255A
ARL 69-1472A

CLEVELAND F H
AFCRL 67-0142

CLIGNET M
AFOSR 68-2164

CLINE L J
AFOSR 67-1897

CLINE R W
AFOSR 68-1180

CLOGSTON A M
AFOSR 67-0158

CLOUGH S
AFOSR 67-0813
AFOSR 67-1041
AFOSR 67-1043

CLOUGHERTY E V
AFCRL 67-0290
AFCRL 68-0109

COATES C L
AFOSR 67-0862
AFOSR 67-1764
AFOSR 67-2342
AFOSR 68-0581
AFOSR 68-0890
AFOSR 68-1607
AFOSR 68-1920
AFOSR 68-2042

COBB C W
AFCRL 67-0196
AFCRL 67-0635

COBB J C
AFOSR 67-1853

COBURN
AFOSR 67-1092
AFOSR 68-0284

COBURN F W
AFOSR 67-1465

COCHRAN D
AFOSR 67-1023

COCHRUN H L
AFCRL 67-0055
AFCRL 67-0210
AFCRL 67-0685

CODDINGTON E A
AFOSR 67-2302

COFFEY H E
AFCRL 68-0635

COFFIN J H JR
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COFFMAN R C
AFOSR 67-0052

COGLEY A C
AFOSR 68-1309

COGLEY D W
AFCRL 68-0560

COHEN A
AFOSR 67-0196
ARL 67-0036W

COHEN E
ARL 67-1185N

COHEN E A
AFOSR 69-2808

COHEN I M
AFOSR 68-2772

COHEN J
AFCRL 68-0122
AFCRL 68-0302
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COHEN J H
AFOSR 67-2796
AFOSR 68-2226

COHEN L
AFOSR 67-2312

COHEN M M
AFOSR 67-1467
AFOSR 67-2509
AFOSR 67-2610
AFOSR 68-0111
AFOSR 68-1025
AFOSR 68-1044
AFOSR 68-1089
AFOSR 68-1925
AFOSR 68-2008

COHEN R
ARL 67-1219A

COHEN S I
AFOSR 67-0810
AFOSR 67-1246

COHEN Z
AFCRL 68-0238

COHN M
AFCRL 68-0033
AFCRL 68-0249

COLE A E
AFCRL 67-0120

COLE J
AFOSR 67-0026
AFOSR 67-2324
AFOSR 67-2140
AFOSR 68-0142

COLE P H
AFCRL 67-0253
AFCRL 67-0256
AFCRL 67-0660
AFCRL 67-0663

COLE R K JR
AFOSR 67-1667
AFOSR 67-2826

COLE R S
AFOSR 68-1828

COLE W J
AFOSR 68-0513

COLEMAN D D
AFOSR 67-0045
AFOSR 67-0849
AFOSR 67-1006
AFOSR 67-2158
AFOSR 67-2163
AFOSR 67-2297
AFOSR 67-2429
AFOSR 67-2676
AFOSR 68-0499
AFOSR 68-1103
AFOSR 68-1615
AFOSR 68-1681
AFOSR 68-1753
AFOSR 68-1848
AFOSR 68-2136
AFOSR 68-2595
AFOSR 68-2654
AFOSR 68-2667

COLEMAN E
AFCRL 68-0050

COLEMAN J M
AFOSR 67-0740
AFOSR 67-1656

COLEMAN P D
AFOSR 67-0849
AFOSR 67-0897
AFOSR 67-2528
AFOSR 68-0465
AFOSR 68-2855

COLEMAN P J
AFOSR 67-2748

COLEMAN S
AFOSR 67-1380
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COLEMAND S
AFOSR 67-2501

COLES L S
AFOSR 67-1758

COLLIN R E
AFCRL 67-0606

COLLINGS A F
AFOSR 67-2750
AFOSR 67-2772

COLLINS B E
AFOSR 68-1916

COLLINS D G
AFCRL 68-0124
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AFCRL 68-0479
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COLLINS E
AFOSR 68-2167

COLLINS G W
ARL 67-1179N

COLLINS T C
ARL 67-0081V
ARL 67-0146V
ARL 67-1080A
ARL 67-1082A
ARL 67-1084A
ARL 67-1287A
ARL 67-1288A
ARL 67-1289A
ARL 67-1317L
ARL 68-0067T
ARL 68-0229V
ARL 68-0302V
ARL 68-0303V
ARL 68-0304V
ARL 68-1099N
ARL 68-1349L
ARL 68-1362A
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ARL 68-1461A
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COLLMEYER A J
AFOSR 68-2031

COLOMB R M
AFCRL 67-0153
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COLQUITT L JR
AFOSR 68-0560

COLVIN T M
AFCRL 67-0140
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COMMES L S
AFCRL 68-0140

COMELLA J
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COMELLA J M
AFOSR 68-2869

COMINAKIS P
AFOSR 67-2158

COMPTON V B
AFOSR 67-0186
AFOSR 67-0810

COMSTOCK G M
AFOSR 67-1081

CONANT R C
AFOSR 68-0727
AFOSR 68-2801

CONDRON T P
AFCRL 68-0438

CONIGLIO A
AFOSR 67-0597

CONKLIN E K
AFOSR 67-1710
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CONLEY T
AFCRL 68-0166

CONNOLLY J W
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CONRAD P
AFOSR 67-1809
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CONSIDINE D P
AFCRL 67-0436

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CONSTANTIN A
AFCRL 68-0237

CONTI P S
AFOSR 67-0034
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CONTOPOULOS G
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AFOSR 67-1323

COOK D J
AFOSR 68-2140
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COOK G
SRL 67-0005
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COOK H L
AFOSR 67-0709
AFOSR 68-1138
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COOK S W
AFOSR 67-0073
AFOSR 67-1304
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COOKE W
AFOSR 67-2290

COOKE W S
AFOSR 68-1904

COONSEY D J S
AFOSR 68-2721

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COON J H
AFOSR 67-0015
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COOPER D C
AFOSR 67-0283

COOPER G S
AFCRL 68-0056

COOPER L N
AFOSR 67-1197
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COOPER R E
AFOSR 67-0390

COPELAND A H
ARL 67-0283U
ARL 68-0286W

COPELAND B K W
AFOSR 67-1786

COPLEY G
AFOSR 67-1129
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COPSEY M J
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CORAZZA M
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CORBETT J M
ARL 68-14060

CORBIN J C JR
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CORDARO J T JR
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CORNELS U G
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CORNIGAN D
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CORTESE C
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AFCRL 67-0187

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ARL 67-1041A
ARL 67-1042A
ARL 67-1043A
ARL 68-0312V
ARL 68-0313V
ARL 68-1198L
ARL 68-1203A
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ARL 68-1343A
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COTHERN, C. R.
ARL 67-0233V

COTTERILL R M J
AFOSR 68-1463

COURT A
AFCRL 67-0313

COURTNEY T H
AFOSR 67-0650

COURTNEY W E
AFCRL 67-0660

COURTNEY W G
AFOSR 67-0933

COURY L
AFCRL 67-0465
AFCRL 68-0046

COUTANT R W
ARL 67-0221U

COVERT E E
AFCRL 67-0190
ARL 67-0281U
ARL 67-0283U
ARL 68-0286W
ARL 68-0289W

COVIAN M R
AFOSR 68-0396
AFOSR 68-0415
AFOSR 68-0416

COWAN R S
AFOSH 68-1345

COWLEY A H
AFOSR 68-2300

COX E E
AFCRL 67-0182

COX E G
AFCRL 68-0178

COX J R JR
AFOSR 67-1623

COX M D
ARL 68-1283N

CRABBE J S
AFCRL 68-0307

CRABBE D
AFOSH 68-2211

CRADDOCK W L
AFOSH 67-1095

CRAFORD W G
AFCRL 67-0297

CRAFT
AFOSR 68-2884

CRAIG D P
AFCRL 67-0559

CRAIG J M
AFUSH 67-0H26

CRAIG R A
AFCRL 67-0387
AFCRL 67-0388

CRAIGHILL E
AFOSR 68-2642

CRAM D J
AFOSR 67-0360
AFUSH 67-0429
AFOSR 67-0447
AFOSR 67-2783
AFUSH 68-0434
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CRAMER R R
ARL 67-0003T
ARL 67-0078V
ARL 67-0216T
ARL 67-1277C
ARL 67-1346C
ARL 68-0162V
ARL 68-1003L
ARL 68-1215A
ARL 68-1233L
ARL 68-1334C

CRANE L
AFOSH 67-1023

CRAVEN W E
ARL 68-1148A
ARL 68-1381A

CRAWFORD D W
AFOSR 67-2592

CRAWFORD E T
AFOSR 68-0579
AFOSR 68-0953

CRAWFORD G E
AFOSR 67-2191
AFOSH 68-1282

CRAWFORD J A
ARL 67-1117A

CRAWFORD R C
AFOSH 68-0664

CREVELING L
AFOSR 67-1675
AFOSH 68-0562

CRIMANALE W O JR
AFOSR 68-0627

CRIMINALE W O JR
AFOSH 68-1268

CRISTIANSEN J J
AFOSR 68-1950

CROCKER G B
ARL 67-1202A

CROFT L W
ARL 67-1286A
ARL 68-0233V
ARL 68-0299V
ARL 68-0300V
ARL 68-1479A

CROIZIER W C
AFOSR 68-0992

CRONIN J C
AFOSH 67-0020
AFOSH 68-1006
AFOSH 68-2250

CRONIN J F
AFCRL 67-0078
AFCRL 67-0603
AFCRL 68-0872

CROSBY G A
AFOSH 67-1815
AFOSR 67-2632
AFOSH 68-0213
AFOSR 68-0927
AFOSH 68-1576
AFOSH 68-1708

CROSS E J JR
ARL 67-0106V
ARL 68-0027T
ARL 68-1106A

CROSS K
AFUSH 67-1008

CROSS R J
AFUSH 67-0203
AFOSH 67-0993
AFOSR 68-1911

CROSSE H C
AFOSH 67-0724

CROSSWHITE H
AFOSR 68-2247
AFUSH 68-2651

CROSSWHITE H M
AFOSH 68-2114
AFOSH 68-2247
AFOSH 68-2651

CROW W B
ARL 68-1176A

CROWDER R G
AFOSH 67-1829
AFOSH 68-1891

CROWELL A D
AFOSR 67-1695

CROWLEY F A
AFCRL 68-0398

CROWLEY J A
AFOSR 67-2060

CROWSHAW R
AFOSR 68-0357

CRUIKSHANK D B JR
AFOSR 6 -0480

CRUMRINE D
AFOSR 67-2627
AFOSR 67-2658

CRUZ J D
AFOSR 68-2405

CUEVAS M
AFOSR 68-0805
AFOSH 68-0807

CULLEN W J
AFOSR 67-2253

CUNDARI F L
AFOSR 67-1259
AFOSR 67-1441

CUNDY C S
AFOSH 68-2141

CUNNINGHAM J A
ARL 68-1431E

CUNNINGHAM M
AFCRL 67-0848
AFCRL 67-0847

CUPANI J J
AFCRL 68-0373

CURNUCK P A
AFOSR 67-0859

CURRAN A C W
AFOSR 68-0733

CURRIE R G
AFOSR 67-2690

CURTIS D W
AFOSR 68-1439

CURTIS E C
AFOSH 67-0641
AFOSH 68-0155

CURTIS O L JR
AFCRL 68-0368

CURTISS J H
AFOSR 68-2406

CURTIUS C H
AFOSR 68-0195

CUSSLER F L
AFOSR 68-0216
AFOSH 68-0328
AFUSR 68-1075
AFOSH 68-1690

CUTHBERT J D
AFCRL 67-0068
AFCRL 67-0293
AFCRL 68-0250

CUTLER L S
AFOSH 67-2819

CUTLER P H
AFOSR 67-1719
AFOSR 68-0402
AFOSH 68-0403

CUTLIP W F
AFOSR 68-2319

CWACH E E
AFOSH 68-0516

CZAJKOWSKI M
AFOSR 67-260[illegible]

CZEPYHA C G R
AFCRL 67-0582
AFCRL 67-0634
AFCRL 67-0672

CZORPITA S
AFCRL 67-0317

CZYZAK S J
AFOSR 68-2561
ARL 67-0014T
ARL 67-0083V
ARL 67-1324R
ARL 68-0026T
ARL 68-0157V
ARL 68-0200V
ARL 68-0269V
ARL 68-0294V

D ALELIO G F
AFML 67-0056

D AURIA R
AFOSR 68-1262

D HAENENS I J
AFCRL 67-0189

DA-RIVA I
AFOSR 67-0098
AFOSR 67-0649
AFOSR 68-0066

DAHDOVICH M R
AFCRL 68-0619

DAEHNICK W W
ARL 68-1485A

DAGONNIER R
AFOSR 67-0056
AFOSR 68-2723

DAHL E
AFOSR 67-0531
AFOSR 68-1648

DAHL L F
AFOSR 67-0723
AFOSR 67-0724
AFOSR 67-0725
AFOSR 67-0726
AFOSR 67-0727
AFOSR 67-0740
AFOSR 67-0741
AFOSR 67-1659
AFOSR 67-1714
AFOSR 67-2172
AFOSR 67-2191
AFOSR 67-2210
AFOSR 68-2431
AFOSR 68-2461
AFOSR 68-2735
AFOSR 68-2843

DAHLSTROM A
AFOSR 67-0868
AFOSR 67-0869

DAIBER J W
ARL 67-0079U
ARL 67-0134U
ARL 67-0203W
ARL 67-1199P
ARL 67-1229J
ARL 67-1231N

DAILEY C L
AFOSR 68-0320
AFOSR 68-0566

DALE B W
AFOSR 68-0012

DALGARNO A
AFCRL 68-0428

DALTON J C
AFOSR 67-2145
AFOSR 68-1727

DALTON L L
AFCRL 68-0304

DAMON D H
AFOSR 67-1653

DAMON R W
AFCRL 67-0111

DANBAUER D
AFOSR 67-0981
AFOSR 68-1844
AFOSR 68-2805

DAMSKY M L
AML 68-0067U

DANARD M M
AFCRL 68-0541

DANNEN F
ARL 68-1202A
ARL 68-1216A

DANOY J M A
AFOSR 67-1869

DANIELS G W
AFCRL 67-0376

DANIELSEN E F
AFCRL 67-0617

DANLEIR E
ARL 68-0311V

DANNHAUSER W
AFOSR 68-2243
AFOSR 68-2267

DANZIGER I J
AFOSR 67-0386
AFOSR 67-0623
AFOSR 67-0628
AFOSR 67-1055
AFOSR 67-2024
AFOSR 67-2200
AFOSR 67-2673

DAROY R D
AFOSR 67-1994

DARFEYCH G
AFOSR 68-2488

DARGAN C L
AFCRL 67-1032
AFCRL 68-0017
AFCRL 68-0535

DARGAN C L W
AFCRL 67-0033

DARLEY D L
AFCRL 67-0080
AFCRL 67-0458

DARLING T P
AFOSR 68-0977

DARMS R
AFOSR 67-1434

DARMAGM R V
AFOSR 67-0201
AFOSR 67-1295
AFOSR 68-0322
AFOSR 68-2524

DAS B N
AFCRL 67-0271
AFCRL 67-0553
AFCRL 68-0388

DAS M M
AFOSR 68-0308

DAS T P
AFOSR 67-0427

DASH J G
AFOSR 67-0164

DAUERMAN L
AFOSR 68-1365
AFOSR 68-1456
AFOSR 68-2537
AFOSR 68-2613

DAUGHERTY J D
AFOSR 68-0149
AFOSR 68-1915
AFOSR 68-2582

DAUM F L
ARL 67-1062A
ARL 67-1212C
ARL 67-1222A
ARL 67-1336A
ARL 68-3077V
ARL 68-1048A
ARL 68-1348C
ARL 68-1347C

DAUNT J G
AFOSR 67-1010

DAURIA R
AFOSR 68-0568

DAVIDSEN A F
AFOSR 68-1098

DAVIDSON A H JR
AFCRL 67-0372
AFCRL 67-0679
AFCRL 68-0283
AFCRL 68-0556

DAVIDSON D
AFCRL 67-0157

DAVIDSON F
AFCRL 68-0026
AFCRL 68-0098
AFCRL 68-0515
AFOSR 68-2773

DAVIDSON G
AFCRL 67-0277

DAVIDSON J P
AML 68-1391N

DAVIDSON W S
AFOSR 67-1919
AFOSR 67-2109

DAVIES J
AFOSR 67-1356
AFOSR 67-1359
AFOSR 67-1360
AFOSR 67-2195

DAVIES G J
AML 68-1164N

DAVIES R M
AFOSR 68-0212

DAVINI V
AFOSR 67-1495

DAVIS C A
AFOSR 68-1062

DAVIS D N
AFOSR 68-1150
AFOSR 68-1628

DAVIS D R
AFOSR 67-1232

DAVIS F
AFOSR 67-0421
AFOSR 68-1130

DAVIS H H
AML 68-1154N

DAVIS H T
AFOSR 68-1530

DAVIS J
AFOSR 68-1797

DAVIS J H
AFOSR 67-0352
AFOSR 68-0913

DAVIS L E
AFCRL 67-0668

DAVIS M
AML 67-0023
AML 67-0026

DAVIS R H
AFOSR 67-0608
AFOSR 67-2181
AFOSR 68-0850
AFOSR 68-0897
AFOSR 68-0904
AFOSR 68-1282

DAVIS S J
AFCRL 68-0332

DAVISON W D
AFCRL 68-0536

DAWSON D W
AFOSR 67-0886
AFOSR 67-0887
AFOSR 68-1986

DAWSON J M
AFOSR 67-1508

DAY C R
AFOSR 68-1080

DAY G W
AFOSR 68-2070

DAY W G
AFOSR 68-2721

DAY R C
AFOSR 68-0317

DAY V W
AFOSR 67-0539

DE ALFARO V
AFOSR 68-0564
AFOSR 68-0566

DE ALWIS S P
AFOSR 67-1630

DE AZCARRAGA J A
AFOSR 68-1074

DE BARSY A M
AFOSR 67-2570

DE BARY E
AFCRL 67-0237

DE BOER J F
AFOSR 67-0261

DE GALAN L
AFOSR 67-1038
AFOSR 67-1301
AFOSR 67-2514
AFOSR 68-0754

DE IRALDI A P
AFOSR 67-1105

DE JAEGERE S
ARL 67-0155W

DE JULIC S
AFOSR 68-0678

DE KLERK J
AFCRL 67-0016
AFCRL 67-0017
AFCRL 67-0019
AFCRL 67-0079
AFCRL 67-0610
AFCRL 67-0627
AFCRL 67-0628

DE MARTINEZ M P S
AFOSR 67-2116

DE MOLINA A F
AFOSR 67-1331

DE NAMANJO F
AFOSR 67-0883

DE RUSSO P M
AFOSR 67-1339

DE SANTIS P
AFOSR 67-0291

DE TAR D F
AFOSR 67-0412
AFOSR 67-0936
AFOSR 67-0939

DE VISINTINI G
AFCRL 68-0327

DE WETTE F W
AFOSR 68-0167
AFOSR 68-1463

DE WILDE E
AFOSR 68-1203

DEAK A L
AFOSR 67-1899

DEAN A P
AFOSR 67-0820
AFOSR 67-0823

DEAN N W
AFOSR 67-2701

DEAR A P
AFOSR 67-0832

DEBOIS R W
AFCRL 67-0107
AFCRL 68-0414

DEBYE P
AFOSR 67-2182

DECAIRE J A
AHL 67-1071A
ARL 67-1077A
ARL 67-1078A
ARL 67-1079A
ARL 68-1346A
ARL 68-1392K
ARL 68-1399L

DECK H J
AFCRL 68-0583

DECKER D L
AFOSR 68-0055

DECKER J A
AFOSR 67-1785

DECKER J A JR
AFOSR 67-0139
AFOSR 68-0741
AFOSR 68-2814

DECKERS J M
AFOSR 67-0665
AFOSR 67-0671
AFOSR 67-1741
AFOSR 68-1577

DECLANIS N
AFAL 67-0185

DEDOES D H
SRL 67-0004
SRL 67-0017

DEDOMINICIS C
AFOSR 68-1741

DEELEY J
ARL 68-0272B

DEFACIO M
AFOSR 67-0672
AFOSR 68-0358

DEFACIO W H
AFOSR 67-0224

DEFIGUEIREDO D G
AFOSR 68-2785

DEFOUW R J
AFCRL 67-0202

DEGROOT J S
AFOSR 68-2390

DEL NOTARIO P P
AFOSR 68-1163
AFOSR 68-1165

DELACOUR J
AFOSR 67-0113
AFOSR 67-2114

DELAMATER J
AFOSR 68-2164

DELANEY R M
AHL 67-0193V
ARL 68-0329W

DELAPOILLE L
AFCRL 67-0478
AFCRL 67-0480
AFCRL 67-0587

DELAUDVILLE EVC
AFCRL 67-0095

DELCROIX J L
AFCRL 68-0237

DELIYIASIS N
AFOSR 63-0007

DELIYIASIS N D
AFOSR 67-2762

DELIUS J D
AFOSR 67-0133
AFOSR 67-0134
AFOSR 67-1322
AFOSR 68-0604
AFOSR 68-1720

DELL P C
AFOSR 68-0040

DELORENZO J D
AFOSR 67-1961

DELOREY D E
AFCRL 68-0429

DELONNE P
AFOSR 67-0476
AFOSR 67-0511
AFOSR 67-2583

DELPICO J
AFCRL 67-0543

DELUCIA F
AFOSR 67-0402

DELUISE J J
AFCRL 67-0167
AFCRL 67-0187
AFCRL 67-0380

DEMADIA G
AFML 67-2335

DEMARS G A
AFCRL 67-0084
AFCRL 68-0234

DEMAS J N
AFOSR 68-1708

DEMASTUS M L
AFCRL 67-0346
AFCRL 68-0316

DEMENT W H
ARL 67-1199A

DEMETER L J
AFOSR 68-1724
ARL 67-1301R
ARL 67-1302R

DEMETRIADES S T
AFOSR 67-0994

DEMETRIUS L A
AFOSR 67-0912

DENAVIT M
AFOSR 67-0101

DENCKER S J
AFOSR 67-0867

DENG N
AFOSR 68-2413

DENNEMEYER P
AFOSR 68-2847

DENNER H
AHL 68-0333W
ARL 68-0336W
ARL 68-0337W
ARL 68-0338W
ARL 68-0345W
ARL 68-10628
ARL 68-10638
ARL 68-10698

DENNIS C J
AFCRL 68-0238

DENNYKERRY J H
AFOSR 68-1057
AFOSR 68-1400

DENTOUZOS
AFOSR 67-2680

DENTOUZOS P
AFOSR 67-1133

DESANTO D F
AFOSR 67-2240

DESEN S
AFOSR 67-1473
AFOSR 67-2503
AFOSR 67-2524
AFOSR 68-0112
AFOSR 68-0715
AFOSR 68-1011
AFOSR 68-1637
AFOSR 68-1638
AFOSR 68-2135
AFOSR 68-2529
AFOSR 68-2745
AFOSR 68-2746

DESHMUKH A
AFCRL 67-0675
AFOSR 68-1673

DESHMUKH A N
AFCRL 68-0406

DESHPANDE N V
AFOSR 68-1578
AFOSR 68-1581
AFOSR 68-1586
AFOSR 68-1611
AFOSR 68-1794

DESOER C A
AFOSR 67-0340
AFOSR 68-1172
AFOSR 68-1182
AFOSR 68-2283
AFOSR 68-2573

DESROCHERS M
AFCRL 68-0294

DESSLER A J
AFCRL 67-0267

DETAR O F
AFOSR 67-0537
AFOSR 67-0538
AFOSR 67-1037
AFOSR 67-1078

DETMLEFSEN R
AHL 68-0112U
ARL 68-1022R

DETWILER D P
ARL 68-0237W

DEUEL D R
AFOSR 68-2016

DEUTCHMAN P A
AFOSR 68-2533

DEUTER J
AFOSR 67-1225

DEUTSCH A J
AFOSR 67-0034

DEUTSCH L P
AFCRL 67-0458

DEVAHL G
ARL 68-0048T

DEVANE J F
AFCRL 67-0447
AFCRL 68-0018
AFCRL 68-0589

DEVINE J L JR
AFOSR 67-2137

DEVIR A D
AFOSR 68-2119

DEVISINTINI G
AFCRL 67-0492

DEVOS J
AFOSR 67-2570

DEWAN E M
AFCRL 67-0453

DEWAR M J S
AFOSR 67-0241
AFOSR 67-0242
AFOSR 67-0243
AFOSR 67-1417
AFOSR 67-1733
AFOSR 67-2227
AFOSR 68-0212
AFOSR 68-1586
AFOSR 68-1589
AFOSR 68-1590
AFOSR 68-1591
AFOSR 68-1593
AFOSR 68-1596
AFOSR 68-1944
AFOSR 68-1988
AFOSR 68-2110
AFOSR 68-2300

DEWIT M
AFOSR 68-0149
AFOSR 68-1476

DEWITT D S
AFOSR 68-0642
AFOSR 68-0840

DEWITT J S
AWL 67-0081V
AWL 67-1080A
AWL 67-1082A
AWL 67-1086A
AWL 67-1284A
AWL 68-0007T
AWL 68-0302V
AWL 68-0303V
AWL 68-1482A

DEXTER D
AWL 67-1113W

DEXTER D L
AFOSR 67-1464
AFOSR 67-2775
AFOSR 68-0561
AFOSR 68-0901

DEXTER R N
AWL 68-0247W

DEYOUNG D S
AFOSR 67-1045
AFOSR 67-2036
AFOSR 68-1060

DEYRUP C L
AFOSR 68-0710

DHANJU M S
AFOSR 68-0759

DI FONINO A F
AFOSR 68-2773

DE LEVA A
AFOSR 68-1218

DI LOLLO V
AFOSR 67-0268

DIAMOND H G
AFOSR 68-2228
AFOSR 68-2453

DIAMOND J J
AFOSR 67-0564

DIAMOND S
AFOSR 67-2774

DIAZ J O
AFOSR 67-0146
AFOSR 67-0775
AFOSR 67-1471
AFOSR 67-1538
AFOSR 68-0181
AFOSR 68-0182

DIBBLE D F
AFCRL 67-0304

DICKENS H J
AFOSR 67-2324

DICKEY C W
AFCRL 68-0650

DICKEY F M
AFCRL 68-0247

DICKINSON L A
AFOSR 67-2459

DICKMAN H S
AWL 68-1463I

DIENES A
AFOSR 68-0671

DIENES G J
AFOSR 67-0972
AFOSR 67-0973
AFOSR 67-0974

DIETER R
AFCRL 68-0619

DIETMAR SLYPERTH O
AFOSR 68-2805

DIETZ M
AFOSR 67-0241

DIETZ G E
AFOSR 68-0802
AFOSR 68-0885
AFOSR 68-1481

DIETZSCH O
AFOSR 67-2397

DILL E H
AFOSR 68-2684

DILLON J G
AFOSR 68-1905
AFOSR 68-1910

DILLON M A
AFOSR 68-2504

DILLON O W JR
AFOSR 67-0655
AFOSR 67-1440
AFOSR 67-2447
AFOSR 68-0647

DILWORTH C
AFCRL 68-0173

DIMMOCK T H
AWL 67-0908U

DIMOPOULOS H G
AFOSR 68-2079

DIMOPOULOS H G
AFOSR 67-2355

DIPIETRO M A
AFCRL 67-0304
AFCRL 67-0465

DIRECTORS AWL
AWL 67-0136T

DIRLAM J
AFOSR 68-2500

DISATNIK T
AFOSR 68-0151

DISCHLER H
AFOSR 68-1476

DITMARS D A
AFOSR 67-2014
AFOSR 67-2015
AFOSR 67-2016

DIX D T
AFOSR 67-0987

DIXON G
AWL 67-1137W

DOBBINS R L
AFOSR 67-1491

DOBINER S
AFCRL 67-0878

DOCLO H
AFOSR 68-0972
AFOSR 68-1010

DODD C G
AFOSR 68-0497

DODD J L
AFOSR 67-0832

DODD R T
AFCRL 67-0019

DODGE N O
AFOSR 67-0817

DOERFLER T C
AWL 68-0179U

DOERR R G
AFOSR 68-2904
AFOSR 68-2905

DOHERTY P R
AFCRL 67-0582
AFCRL 67-2634
AFCRL 67-0672

DOIDGE J G
AFOSR 67-0202

DOKSUM K A
AFOSR 68-0205

DOLAN J
AFCRL 67-0188

DOLEZALEK H
AFCRL 68-0190

DOLLFUS A
AFCRL 67-0504

DOMAGALA T E
AWL 67-1138A
AWL 68-0346V

DOMALSKI E S
AFOSR 67-2013
AFOSR 67-2017
AFOSR 67-2639
AFOSR 68-1716

DONAT J
AFOSR 68-1730

DONLEY N
AFOSR 68-0138
AFOSR 68-0140

DOMINGO V
AFOSR 68-0185
AFOSR 68-2858
AFOSR 68-2866

DOMOKOS G
AFOSR 67-1442
AFOSR 68-0764
AFOSR 68-1142

DONALDSON C D
AFOSR 68-0617

DONALDSON N J
AFCRL 67-0315

DONALDSON R L
AFOSR 67-1238
AFOSR 68-1382

DONISE P
AFOSR 68-1341

DONNELLY R J
AFOSR 67-3019
AFOSR 67-0328
AFOSR 67-0397
AFOSR 67-1018
AFOSR 67-2369
AFOSR 68-2280

DONOHOE J
AFCRL 68-0578
AFCRL 68-0579
AFCRL 68-0801

DONOHUE T
AFOSR 68-1306

DOOD RICHARD A
AFOSR 68-1830

DOOLEY G J III
AWL 68-1217A

DOOLEY J W
AFOSR 68-0010
AFOSR 68-0081

DOMAIN P B
AWL 67-1285A

DONATO P
AFOSR 67-1517
AFOSR 68-1968

DONSEY R P
AFOSR 67-1898

DOTY R
AFOSR 68-2121

DOUGAL A A
AFOSR 67-0229
AFOSR 67-0265
AFOSR 67-0380
AFOSR 67-0761
AFOSR 67-0762
AFOSR 67-0763
AFOSR 67-0764
AFOSR 67-0767
AFOSR 67-0817
AFOSR 67-0818
AFOSR 67-0819
AFOSR 67-0821
AFOSR 67-0826
AFOSR 67-0851
AFOSR 67-1115
AFOSR 67-1570
AFOSR 67-1585
AFOSR 67-1766
AFOSR 67-1893
AFOSR 67-2696
AFOSR 67-2697
AFOSR 68-0212
AFOSR 68-0478
AFOSR 68-1613
AFOSR 68-1715
AFOSR 68-1815
AFOSR 68-2041
AWL 67-0062U

DOUGAL AA
AFOSR 67-1364

DOUGHTY R A
AFOSR 67-0457
AFOSR 67-2098
AFOSR 67-2391
AFOSR 68-2645

DOUGLAS T H
AFOSR 67-0491
AFOSR 67-2014
AFOSR 67-2015
AFOSR 67-2016
AFOSR 68-1262

DOUGLAS W J
AFOSR 68-0241
AFOSR 68-0347

DOUMA W
AFCRL 68-0220

DOUGLIN D M
AFOSR 67-0881
AFOSR 67-1707
AFOSR 68-0986
AFOSR 68-1851

DOUTHART R J
AFOSR 67-1001

DOUZE E J
AFOSR 68-1464

DOVERSPIKE L D
AFOSR 67-1374
AFOSR 67-1378

DOW J D
AFOSR 67-0765

DOWBEN R M
AFOSR 68-0312

DOWLING J A
AFCRL 67-0458

DOWLING J J
AFOSR 67-0852

DOWLING R W
AFCRL 67-0603

DOWNING W G
AFCRL 67-0102

DOYLE W A
AFCRL 67-0264
AFCRL 67-0265

DOYLE J W
AFOSR 67-0204

DRABEK T E
AFOSR 67-1720
AFOSR 68-1677

DRACH J C
AFOSR 67-2108

DRAGOO A L
AFOSR 67-0564

DRAGSDORF R D
AFOSR 67-1029

DRAGT A J
AFOSR 67-1720

DRAKE F D
AFOSR 67-1118
AFOSR 67-2279
AFOSR 67-2307
AFOSR 68-1551
AFOSR 68-1629

DRAKE K W
AFOSR 68-1350

DRAKOPOULOS J
AFOSR 67-2158

DRELL S D
AFOSR 67-0575
AFOSR 67-0582

DRENICK R F
AFOSR 67-1040

DRENNAN G A
AFOSR 68-0681
AFOSR 68-1200

DRESCHHOFF G
AFCRL 68-0350

DREW I M
AFCRL 67-0218

DREW J H
AFCRL 67-0219

DREWRY J E
AML 68-1350A

DRISCOLL J S
AFCRL 68-0181

DROSG M
AFOSR 67-0847
AFOSR 68-0945

DRUMMOND I T
AFOSR 67-1640
AFOSR 67-1735
AFOSR 68-0779

DRUMMOND W E
AFOSR 67-2593
AFOSR 68-0738

DUAN W L
AFOSR 68-1813

DUFFY S O
AML 67-0054T

DUGINS L F
AFOSR 68-1833

DUMOIS J T
ARL 67-0048V
ARL 67-1120A
ARL 68-0129V
ARL 68-0130V

DUCATI A C
AFOSR 68-0008

DUCHARME W M
AFOSR 68-1180

DUCKWORTH H E
AFOSR 67-1715
AFOSR 67-1756
AFOSR 67-1757

DUCKWORTH HE E
AFOSR 67-1745

DUDLEY C R
AFCRL 67-0490

DUENSTERMEERT W C
AFOSR 68-1799

DUENSTERMEERT W C JR
AFOSR 67-1565
AFOSR 67-1589

DUGUNDJI J
AFOSR 67-1345
AFOSR 68-1001

DUKE G L
ARL 67-0047T
ARL 67-0173V
ARL 67-0270V
ARL 67-0271T
ARL 68-0259V
ARL 68-0260V
ARL 68-0263V
ARL 68-0267V

DULLEN N M
AFOSR 68-0552

DULOCK A
AFOSR 67-0861

DULOCK V A
AFOSR 68-2481

DUMAS M
AFOSR 67-0860
AFOSR 67-0892
AFOSR 68-0798

DUMOND J W M
AFOSR 68-2728

DUNCAN D D
AFOSR 67-0799

DUNCAN J F
AFOSR 67-1297
AFOSR 67-2379
AFOSR 68-0708
AFOSR 68-2861
AFOSR 68-2866
AFOSR 68-2865

DUNCAN S L
AFOSR 67-0611

DUSKS G J
AFOSR 67-2765

DUNN J C
AFOSR 67-1257

DUNN J P JR
AFCRL 67-0620

DUNN R G
ARL 67-0184V
ARL 67-1217A
ARL 67-1218A
ARL 67-1281A
ARL 68-1232A
ARL 68-1350A

DUNNILL F
AFOSR 67-2188

DUPONT A
AFOSR 67-2199

DURHAM F G
AFOSR 67-0955
AFOSR 67-0956
AFOSR 67-0957
AFOSR 67-0964

DUTTA S K
AFOSR 68-2570

DUTTON J
AFOSR 67-1982

DUVAL A
AFOSR 68-2131
AFOSR 68-1267

DVIN M
AFOSR 67-0567

DWYER J F
AFCRL 67-0079

DYER I D
AFOSR 67-0147
AFOSR 67-0179
AFOSR 67-2201
AFOSR 67-2694

DYE D G
ARL 68-0307V

DYES W A
AFCRL 68-0519

DYKOSKI W S
AFOSR 68-0197

DYMENT J
AFCRL 68-0016
AFCRL 68-0423

EAMES T B
AFOSR 68-1798

EARGLE G M
AFOSR 68-1373

EARLEY J
AFOSR 67-2714
AFOSR 68-0886
AFOSR 68-0938
AFOSR 68-2185

EARLEY J E
AFOSR 67-2667
AFOSR 68-2007

EASTEP F E
AFOSR 68-1861

EASTMAN C M
AFOSR 68-1376

EASTON W D
AFCRL 67-0167

EBERLY J H
AFOSR 67-1279
AFOSR 67-1682
AFOSR 68-1086
AFOSR 68-2862

EBERT L J
AFML 67-0093

ECHROFF R K
AFCRL 67-0577

ECK T G
AFOSR 67-0436
AFOSR 67-0437

ECKART E W G
ARL 68-0023U
ARL 68-0339W

ECKHARDT D M
AFCRL 67-0074

ECKSTEIN M
AFOSR 67-0783

EDDY T W
AFOSR 68-2531

EDELBAUM T N
AFOSR 67-0294

EDELMAN M
ARL 67-0274U

EDELSON S S
AFOSR 68-0977
AFOSR 68-2464

EDELSTAM C G
AFOSR 68-2373

EDEN R J
AFOSR 67-1148
AFOSR 67-1638
AFOSR 68-0910

EDMONDS D T
AFOSR 68-0962

EDRICH H
AFOSR 67-0073
AFOSR 67-1403

EESE R
AFOSR 68-0652
AFOSR 68-0578
ARL 67-0113U

EDWARDS A M
AFOSR 67-1269

EDWARDS D A
AFOSR 67-2063

EDWARDS J W
AFCRL 67-0075

EDWARDS R
AFOSR 68-0901
AFOSR 68-1012
AFOSR 68-1280
AFOSR 68-2218

EDWARDS W
AFOSR 67-1677
AFOSR 68-1188

EELLS J
AFOSR 68-1681

EFIMENKO J
AFOSR 68-1293

EGER E M
AFOSR 68-2474

EGETH H
AFOSR 67-1814
AFOSR 67-1820

EGETH H E
AFOSR 67-1405

EGGEN O J
AFOSR 67-2670
AFOSR 68-0960
AFOSR 68-1998
AFOSR 68-2269

EGGERS C A
AFOSR 68-0891
AFOSR 68-1709
AFOSR 68-1711

EGGERS D F
AFOSR 67-2760

EGGERS D F JR
AFOSR 67-0349

EHINGER D
AFOSR 67-2266
AFOSR 68-0193
AFOSR 68-1018
AFOSR 68-1649

EHLERS J
AFOSR 67-2687
AFOSR 67-2688
AFOSR 67-2689

EHN D C
AFOSR 68-0133

EHRENFELD S
AFOSR 68-0172

EHRENPREIS L
AFOSR 67-2849

EHRENSPECK H W
AFCRL 67-0568

EHRENSTEIN G V
AFOSR 67-1631

EHRLICH G
AFOSR 68-0656
AFOSR 68-1788
AFOSR 68-2308

EICHINGER B E
AFOSR 68-1486
AFOSR 68-1987
AFOSR 68-1988
AFOSR 68-2383
AFOSR 68-2395
AFOSR 68-2398

EIDEN R
AFCRL 67-0207
AFCRL 68-0188

EINAUDI F
AFOSR 68-1065

EISENBERG Y
AFOSR 67-0272

EISENFELD J
AFOSR 68-2618

EISENMANN E
AFOSR 67-0651

EISENTRAUT K
ARL 68-1050A

EISENTRAUT K J
ARL 67-0213V
ARL 68-0083V
ARL 68-1008A
ARL 68-1178A
ARL 68-1307G

EISENTRAUT K L
ARL 67-1139

EISENTRAUT R E
ARL 67-1120A

EISNER W
AFOSR 67-1160
AFOSR 67-2568

EISSA H
AFCRL 68-0523

EJIKE O C D
AFOSR 68-0853

EKMAN G
AFOSR 68-2205
AFOSR 68-2554
AFOSR 68-2555
AFOSR 68-2557
AFOSR 68-2558

EKSPONG A G
AFOSR 67-2294

EL-SADEN M R
AFOSR 67-1035
AFOSR 67-1039

ELA S W
AFOSR 67-0829
AFOSR 67-0947

ELAZAR Z
AFOSR 68-0314

ELBE G V
AFOSR 67-1748
AFOSR 67-1974
AFOSR 67-2811
AFOSR 68-0302
AFOSR 68-1045
AFOSR 68-2408

ELBOND A G
AFOSR 68-2011

ELGARDY O
AFCRL 67-0577
AFCRL 68-0204

ELGIN R L
AFOSR 67-1356

ELITE E L
AFOSR 67-0023
AFOSR 68-0677
AFOSR 68-0678
AFOSR 68-2475
AFOSR 68-2411
AFOSR 68-2422
AFOSR 68-2436

ELIEZER Z
AFOSR 67-0356
AFOSR 68-0168
AFOSR 68-0166

ELING T F
AFOSR 67-2030
AFOSR 67-2104

ELKIND J I
AFCRL 68-0056
AFCRL 68-0120

ELLENSON J L
AFOSR 68-1886

ELLER D M
AFOSR 67-1592
AFOSR 68-2348

ELLIOTT C J
AFOSR 67-2631

ELLIOTT G A
ARL 68-0344V
ARL 68-1383A

ELLIOTT R P
AFCRL 67-0097

ELLIS D V
AFOSR 67-0752

ELLIS C F
AFCRL 68-0052

ELLIS D
AFOSR 67-0026

ELLIS D E
AFOSR 67-1633

ELLIS D V
AFOSR 68-0486
AFOSR 68-1150
AFOSR 68-1151

ELLIS G F R
AFOSR 68-0261

ELLIS J J
AFCRL 67-0180

ELLIS J E
AFCRL 67-0066

ELLIS R B
AFOSR 68-2047

ELLISON J T
AFCRL 67-0283
AFCRL 68-0184

ELMGSSON R
AFOSR 67-0105

ELSCHNER B
AFCRL 68-0614

ELSPAS H
AFCRL 67-2603
AFCRL 68-3005
AFCRL 68-0188

ELSTER R
AFCRL 68-0349

ELTENMAN L
AFCRL 67-0303
AFCRL 68-0153

ELUL R
AFOSR 67-1861
AFOS 67-1870
AFOSR 67-1871
AFOSR 67-1872
AFOSR 68-0569

ELVER G E
ARL 67-1005I

EMBURY J D
ARL 67-1154A
ARL 68-1162A

EMELEUS K G
AML 67-0760B
AML 68-0275B
AML 68-0291B
AML 68-0292B
AML 68-0293B
AML 68-1445B

EMERSON D B
AFOSR 68-1875

EMMERICH D S
AFOSR 67-1561
AFOSR 68-2678

EMMERT G
AFCRL 67-0675
AFOSR 67-0991

ENDLICH R M
AFCRL 68-0337

ENGEL H H
AFOSR 68-2900

ENGELHARDT J J
AFOSR 67-0640
AFOSR 67-1444

ENGLN E
AFCRL 67-0670
AFCRL 68-0074

ENGLE E
AFOSR 68-0602

ENGLER N A
AFCRL 67-0613
AFCRL 67-0534

ENGLERT P
AFOSR 68-1781

ENGLISH A C
AFOSR 68-0085

ENGLISH W
AFCRL 67-0190
AFCRL 67-0657

ENGLMAN R
AFCRL 67-0133
AFCRL 68-0383
AFML 67-0256

ENGVOLD O
AFCRL 67-0578
AFCRL 68-0197
AFCRL 68-0201
AFCRL 68-0203

ENINGER J R
AFOSR 68-1934

ENSBERG E S
AFOSR 68-2704

ENSTROM J R
AFOSR 67-1717

EPPENBERGER H M
AFOSR 67-0886
AFOSR 67-0887
AFOSR 67-1462
AFOSR 68-1986

EPPENBERGER H E
AFOSR 67-1462
AFOSR 68-1988

EPSTEIN M
AFOSR 68-2665
AFOSR 68-2824

ERA K
ARL 68-1477A

ERDOS J
ARL 68-0029U
ARL 68-11158

ERGIN K
AFOSR 67-2115

ERIKSON T A
AFOSR 67-1519
AFOSR 68-1208

ERNST T
ARL 68-12971

ERVIN F R
AFCRL 67-0145

ESAKI L
ARL 68-1353M

ESCOBAR I
AFOSR 68-0185
AFOSR 68-2860

ESCOBAR I V
AFOSR 68-2866

ESCOBAR V I
AFOSR 67-0794

ESPINOSA A F
AFCRL 67-0262
AFCRL 67-0639
AFOSR 67-2160
AFOSR 67-2707

ESPOSITO P N
ARL 67-0239W
ARL 68-0021U

ESTLE T L
AFOSR 67-0986
AFOSR 67-1203
AFOSR 68-0680
AFOSR 68-1512
AFOSR 68-1876
AFOSR 68-1956

ESTRIN N F
AFOSR 67-0537

ETESON D C
AFCRL 68-0153

EUGENE MAAS J
AFOSR 67-1696

EULER F
AFCRL 68-0467

EULER U S V
AFOSR 68-2729

EUSTIS R H
AFOSR 68-0958

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ARL 67-0081V
ARL 67-1080A
ARL 67-1082A
ARL 67-1086A
AHL 67-1289A
ARL 68-0007T
ARL 68-0302V
ARL 68-0303V
ARL 68-0304V
ARL 68-0306V
ARL 68-1362A
ARL 68-1375A
ARL 68-1425L
ARL 68-1477A
ARL 68-1481A
ARL 68-1482A
ARL 68-1484A
ARL 68-1486A

EVANS A G R
AFOSR 68-2268

EVANS A JR
AFOSR 67-0254

EVANS D F
ARL 68-1087N

EVANS D L
AHL 67-0016U
ARL 67-0157U

EVANS E
AFOSR 67-2105

EVANS F J
AFOSR 67-0890
AFOSR 67-1836
AFOSR 67-1840
AFOSR 67-1853

EVANS J W
AFOSR 68-1394

EVANS M W
AFOSR 67-0413
AFOSR 67-2036
AFOSR 68-1265

EVANS N T
AFOSR 67-1620

EVANS R W
AFOSR 67-1531

EVANS T G
AFCRL 67-0080

EVANS W F J
AFCRL 68-0157
AFCRL 68-0500

EVEN S
AFOSH 68-0651

EVERETT C J
AFOSH 68-2668

EVERHART E
AFOSR 67-1137
AFOSH 67-1138
AFOSR 68-1721
AFOSR 68-1776
AFOSR 68-2062

EVERHART T E
AFOSR 67-0342
AFOSR 67-0344
AFOSR 67-0490
AFOSR 68-1173

EVOY W H
AFOSR 67-0267

EWALD H W
AFCRL 68-0509

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AFOSR 68-2026

EYRING E M
AFOSR 67-2800
AFOSR 68-1321
AFOSR 68-2421

EZELL J W
ARL 67-0159U

F RAPP
AFOSR 68-1800

FABRICIUS E
AFOSR 67-0097

FADDEEV L D
AFOSR 68-1637

FAGOT R F
AFOSR 68-0949

FAHLEN G
AFOSR 67-2271

FAHRIG R H
ARL 67-0070U
ARL 68-0096U

FAIRMAN F W
AFOSR 68-2044

FAIRTHORNE R A
AFOSR 67-2667
AFOSR 68-0259
AFOSR 68-2198
AFOSR 68-2484

FALB P L
AFOSR 68-1339

FALCK H
AFOSR 67-0531
AFOSR 68-1016
AFOSR 68-1648
AFOSR 68-2795

FALCO R
AFOSR 68-0633

FALCONER D R
AFOSR 68-2412

FALDT G
AFOSH 67-1541

FALICOV L M
AFOSR 68-0805

FALK D S
AFOSH 67-1965
AFOSR 67-2184

FALK H
AFOSH 67-0158

FALK J
ARL 68-0143U

FALK T J
ARL 67-1087B
ARL 68-0031U
ARL 68-0143U
ARL 68-0146W

FALKOFF D
AFCRL 67-0041

FALLER J G
AFOSR 67-2289

FALSER H
AFOSR 67-0191
AFOSR 68-0236
AFOSR 68-0740
AFOSR 68-1307
AFOSR 68-1323

FAN C Y
AFOSR 67-1081
AFOSR 67-1204
AFOSR 68-0707
AFOSR 68-0886

FAN D N
AFOSR 68-0660

FAN L T
AFOSR 67-1865
AFOSR 67-2022
AFOSR 68-0598
AFOSR 68-0726
AFOSR 68-2407

FANCHER P S
AFOSR 67-0830

FANT C
AFCRL 67-0279

FANT C G M
AFCRL 68-0171

FARBER E
AFCRL 67-0676
AFOSR 67-0991
AFOSR 68-1668

FARMER A J O
AFOSR 68-2503

FARMER J M
AFOSR 68-0710

FARRELL D E
AFOSR 67-1770

FATTORINI H O
AFOSR 68-0768

FAULKNER J E
ARL 68-1196R

FAULKS J N G
AFOSR 67-0768

FAVRE A
AFOSR 67-0880
AFOSR 68-0798

FAVRE A J
AFOSH 67-0892

FAY J A
AFOSR 68-0462
AFOSR 68-2024

FAY R C
ARL 68-1079N

FEDDER R
ARL 68-1354M
ARL 68-1361M

FEDDERS P A
AFOSR 68-0273
AFOSR 68-0277
AFOSR 68-1229

FEDER J
AFOSR 67-0907
AFOSH 67-0987
AFOSR 68-0794

FEETHAM W
AFOSR 67-2151

FEGAN D J
AFOSR 68-0758
AFOSR 68-2725
AFOSH 68-2750
AFOSR 68-2867

PEGLEY K A
AFOSR 68-0298

FEHRENBACHER L L
ARL 68-0158V
ARL 68-0163V
ARL 68-1179A
ARL 68-1176A
ARL 68-1177A
ARL 68-1189A
ARL 68-1382A

FEICHTNER J D
AFOSR 68-2108

FEIGL F
ARL 67-0086V
ARL 67-0087V
ARL 67-0097V
ARL 68-0178V

FEIK R A
ARL 68-1113R

FEILNER P W
ARL 68-1328L

FEIN J
AFCRL 67-0426
AFCRL 67-0439

FEIN M E
ARL 68-0167W

FEINBERG G
AFOSR 68-0974
AFOSR 68-1971

FEINGOLD A M
AFOSR 67-2367

FEINLEIB J
AFOSR 67-2361

FEJER A A
ARL 67-0058U
ARL 68-0173U

FELDL E
AFOSR 67-0446

FELDMAN A
AFOSR 68-0884

FELDMAN C
AFOSR 68-0052

FELDMAN J L
AFOSR 67-0055
AFOSR 67-0489
AFOSR 68-0053

FELDMAN M
AFOSR 68-2726

FELDMANN R J
AFOSR 67-2719

FELLERS R G
AFOSR 68-1348

FELSEN L B
AFCRL 68-0103
AFOSR 67-1734

FELTZ P
AFOSR 67-0969
AFOSR 67-0970

FENG P
AFOSR 68-0961
AFOSR 68-1923

FENN J B
AFCRL 68-0189

FENN R W
AFCRL 67-0398

FENSTER P
AFOSR 67-1791

FENTON K B
AFOSR 67-2527

FENWICK G L
AFOSR 68-0435

FERGUSON G
AFOSR 67-0110

FERGUSON M J
AFOSR 68-1975

FERNANDEZ DE MOLINA A
AFOSR 67-1604

FERRARI C
AFOSR 67-2168
AFOSR 68-2192

FERRELL R A
AFOSR 67-0126
AFOSR 67-0166
AFOSR 67-0170
AFOSR 67-0172
AFOSR 67-0373
AFOSR 68-1038
AFOSR 68-1455

FERRI A
ARL 67-0187U
ARL 67-0278U
ARL 68-0002U
ARL 68-0097W
ARL 68-1118B

FERRY D K
AFOSR 67-0767
AFOSR 67-0818
AFOSR 67-1893
AFOSR 68-2041

FESSARD A E
AFOSR 67-2272

FESSARD D A
AFOSR 67-0969
AFOSR 67-0970

FETROW C
AFOSR 67-0446

FETTER A L
AFOSR 67-0019
AFOSR 67-0579
AFOSR 67-0580
AFOSR 67-0581
AFOSR 67-0917
AFOSR 67-2821
AFOSR 68-0440
AFOSR 68-1362
AFOSR 68-1399

FETTI H E
ARL 67-1275E

FETTIS H E
ARL 67-0001T
ARL 68-0086V
ARL 68-0122V
ARL 68-0209T
ARL 68-0223D
ARL 68-0284V
ARL 68-1254A
ARL 68-1280L
ARL 68-1469A

FEUCHT D L
AFCRL 68-0340
AFCRL 68-0530

FEUCHTER C A
ORA 67-0010

FEUGIER A
ARL 67-0156U

FIBICH M
AFOSR 68-1047
AFOSR 68-1963
AFOSR 68-2452

FICHERA G
ARL 67-1274E
ARL 68-0279W

FICKLER S
ARL 67-1054A

FICKLER S I
ARL 68-1347L
ARL 68-1348L

FICKLER S L
ARL 68-1238L

FICO R M
AFOSR 67-2006

FICRIGER J R
AFOSR 68-0081

FIELD F H
AFOSR 68-0329
ARL 67-1171N

FIELD J E
AFOSR 67-0520
AFOSR 68-0572
AFOSR 68-1789

FIELDS J
ARL 67-1181N

FIELDS J L
ARL 67-0200W
ARL 68-0106W

FIESCHI R
AFOSR 67-1333
AFOSR 68-2768

FIFE P
AFOSR 68-2040
AFOSR 68-2293

FIFE P C
AFOSR 68-0253
AFOSR 68-1913
AFOSR 68-1914

FIGA-TALAMANCA A
AFOSR 67-2119

FIKES R E
AFOSR 68-0763

FILLER N
AFOSR 67-1987

FILOTAS L T
AFOSR 67-0127

FILSON J
AFOSR 68-1432

FINDLEN N V
AFOSR 67-2129

FINE M E
AFOSR 67-1458
AFOSR 67-1679
AFOSR 67-2758
AFOSR 68-1672
AFOSR 68-1873
AFOSR 68-2226

FINE W E
AFOSR 68-0575

FINETTI I
AFCRL 67-0492

FINK W H
AFOSR 67-2466
AFOSR 67-2469
AFOSR 67-2470

FINKE H L
AFOSR 67-1787
AFOSR 68-0984

FINKIN E F
APML 67-0018

FINKLEMAN D
AFOSR 67-2484
AFOSR 68-0016
AFOSR 68-1170

FINKMAN E
AFOSR 68-0145

FINLAY R W
AFOSR 67-1760

FINLAYSON B A
AFOSR 67-0064
AFOSR 67-0320
AFOSR 67-1964

FINN R
AFOSR 68-2432
AFOSR 68-2523
AFOSR 68-2525

FINN R S
AFCRL 67-0542

FINSTON M
AFOSR 68-1565

FIORE A W
ARL 67-0030T
ARL 67-0074V

FIRESTONE J M
ORA 68-0008

FIRSTENBERG S
AFOSR 67-1703

FISCHER A G
AFCRL 67-0005

FISCHER E
AFOSR 67-0248
ARL 67-0057U
ARL 68-0074T

FISCHER H
AFCHL 67-0446
AFCRL 67-0544
AFCRL 67-0545

FISCHER H J
AFCRL 68-0391

FISCHER H J E
AFCRL 67-0105

FISCHER J E
AFCRL 68-0215

FISCHER K
AFOSR 68-1698
AFOSR 68-1714

FISCHER M C
AFOSR 68-1707

FISCHER P C
AFOSR 68-1295

FISCHER W F JR
AFOSR 68-2487

FISHBURNE F S
ARL 67-0113U

FISHER A J
AFOSR 68-2073

FISHER A S
AFOSR 68-1965

FISHER E H
ARL 67-0061U

FISHER J R
AFOSR 67-0303
AFOSR 68-0917
AFOSR 68-0918

FISHER W G
AFOSR 67-1236

FISHMAN G J
AFOSR 68-0486
AFOSR 68-1150
AFOSR 68-1151

FITAIRE M
AFCRL 68-0237

FITTIPALDI F
AFOSR 67-2587

FITTS P M
AFOSR 67-1802
AFOSR 67-1817
AFOSR 67-1823
AFOSR 67-1830

FITZGERALD D J
AFCRL 67-0062
AFCRL 67-0381
AFCRL 68-0046
AFCRL 68-0321

FITZPATRICK D
ARL 67-1204M

FITZPATRICK D E
ARL 67-1011J
ARL 67-1290A

FLAGG R F
ARL 67-0220U

FLAKE R M
AFOSR 67-1170
AFOSR 67-1623
AFOSR 67-1947
AFOSR 68-2033

FLANHOLZ A L
AFCRL 68-0444

FLANNERY W T
AFCRL 67-0417

FLAX L
AFOSR 67-0787

FLEISCHMAN D
AFOSR 67-2317
AFOSR 68-2744

FLEISHMAN B A
AFOSR 67-1029
AFOSR 67-2752
AFOSR 68-1418

FLEMING J F
AFOSR 67-1908

FLENDER M W
AFOSR 67-1838

FLETCHER N R
AFOSR 67-2168

FLETCHER W M
AFOSR 68-0130

FLEXER J R
AFOSR 68-1947

FLICKER H
ARL 67-0239W

FLICKER M
AFOSR 68-0105

FLOCK W L
AFOSR 68-2704

FLORIANI D
AFOSR 68-1187
AFOSR 68-1323
AFOSR 68-1326

FLOWY P J
AFOSR 67-0240
AFOSR 67-0851
AFOSR 67-0952
AFOSR 67-0732
AFOSR 67-1296
AFOSR 67-1482
AFOSR 67-1483
AFOSR 67-2099
AFOSR 67-2535
AFOSR 68-0260
AFOSR 68-0665
AFOSR 68-0717
AFOSR 68-0718
AFOSR 68-1153
AFOSR 68-1488
AFOSR 68-1697
AFOSR 68-1886
AFOSR 68-1887
AFOSR 68-1888
AFOSR 68-2077
AFOSR 68-2393
AFOSR 68-2395
AFOSR 68-2396
AFOSR 68-2430

FLOWY R K
AFCRL 67-0411

FLOYD E R
AFOSR 68-0874

FLOYD R
AFOSR 68-0449

FLOYD R W
AFOSR 67-25:

FLOYD W B
AFCRL 67-0030

FLUGGE-LOTZ I
AFOSR 67-1260
AFOSR 68-0301
AFOSR 68-0989
AFOSR 68-1018

FLYNN V M
AFCRL 67-0605

FOCAS J
AFCRL 67-0504

FOENSTER H V
AFOSR 67-0982
AFOSR 68-0774
AFOSR 68-2800

FOGEL M
AFOSR 68-1604

FOLEY T E
AFCRL 68-0589

FOLK T L
AFOSR 67-2423

FOLWEILER N C
RADC 67-0575

FONER S
AFOSR 67-1236
AFOSR 67-1660
AFOSR 67-1674
AFOSR 67-1681
AFOSR 67-1688
AFOSR 67-2157
AFOSR 67-2374
AFOSR 67-2727
AFOSR 67-2747
AFOSR 68-0177
AFOSR 68-0422
AFOSR 68-0559
AFOSR 68-0822
AFOSR 68-0972
AFOSR 68-1010
AFOSR 68-1522

FONG P
AFOSR 67-0361

FONG T S
AFCRL 67-0342

FONGER W H
AFCRL 67-0005

FONTIJN A
AFOSR 67-1995

FORBES E
AFOSR 67-2105

FORBES J E
AFOSR 68-2084

FORD D
AFCRL 67-0386

FOREST J
AFOSR 68-0819

FORK R L
AFOSR 68-1105
AFOSR 68-1106

FORMAN B J
AFCRL 67-0090

FORSTAT H
AFOSR 67-2480
AFOSR 68-0051

FORSTER D
AFOSR 67-2797
AFOSR 68-2214
AFOSR 68-2221
AFOSR 68-2624

FORSTER J H
AFOSR 67-0458

FORTMAN J J
ARL 67-1241A
ARL 68-1302A

FORTMAN J L
ARL 67-0224

FORTUNE H T
AFOSR 67-2188

FORWARD J
AFOSR 68-1164

FORWARD R L
AFCRL 67-0631

FOSKETT C T
AFCRL 68-0600

FOSSUM H J
AFCRL 67-0359
AFCRL 68-0534

FOSTER A R
AFCRL 67-0620

FOURACHE R A
AFCRL 67-0092

FOURCIN A J
AFCRL 68-0615

FOURNIER A Y
AFOSR 67-1218

FOW G R
AFCRL 68-0107

FOWLER M
AFOSR 67-2184

FOWLER R G
AFOSR 67-0613

FOWLER T K
AFOSR 67-2076
AFOSR 67-2593
AFOSR 68-0738

FOWLER W A
AFOSR 68-0728
AFOSR 68-2772

FOWLER W B
AFOSR 67-2775
AFOSR 68-0803
AFOSR 68-1116
AFOSR 68-1510

FOX D W
ARL 68-0273V
ARL 68-0274V

FOX H
ARL 67-0104W
ARL 68-0160U
ARL 68-1118B

FOX H L
AFCRL 68-0180

FOX J
AFOSR 67-0848

FOX J D
AFOSR 68-1296

FOX P G
AFOSR 68-0572
AFOSR 68-1789

FOX T G
AFOSR 67-1006

FOXX C L
AFOSR 67-1029

FRAENKEL G
AFOSR 67-0087

FRAENKEL G K
AFOSR 68-0060
AFOSR 68-0368
AFOSR 68-0385
AFOSR 68-0386
AFOSR 68-0387
AFOSR 68-0388
AFOSR 68-0396
AFOSR 68-0397
AFOSR 68-0398
AFOSR 68-0399

FRAGA E
AFOSR 67-0098
AFOSR 68-0066

FRAIME C R
ARL 67-1013I
ARL 67-1120A

FRALEY P F
ARL 67-1292A
ARL 68-0231V
ARL 68-0295V

FRANCESCHETTI G
AFCRL 67-0187

FRANCIS P H
AFOSR 67-1022
AFOSR 67-1957
AFOSR 68-1162
AFOSR 68-1234
AFOSR 68-1738
AFOSR 68-2820

FRANCK R W
AFOSR 67-1428

FRANCK W E
AFOSR 67-0962
AFOSR 67-1012

FRANK A A
AFOSR 68-1340
AFOSR 68-1846

FRANK C E
AFOSR 68-0078

FRANK D F
ARL 67-0163V
ARL 68-0057V
ARL 68-1145Q
ARL 68-1186R
ARL 68-1380A

FRANK G
ARL 67-1200M

FRANK G S
AFOSR 67-2214

FRANK M
AFOSR 67-1702
AFOSR 68-0071
AFOSR 68-0090
AFOSR 68-0543
AFOSR 68-1175
AFOSR 68-2121
AFOSR 68-2425

FRANKE G
AFCRL 67-0545

FRANKEL L S
AFOSR 67-0729
AFOSR 68-0720
AFOSR 68-2809

FRANKEL R B
AFOSR 67-1446
AFOSR 67-1688
AFOSR 67-1841
AFOSR 67-2417
AFOSR 68-0014
AFOSR 68-1091
AFOSR 68-1454

FRANKENHAEUSER M
AFOSR 68-2558

FRANKENTHAL S
AFCRL 67-0607

FRANKOVSKY P
AFCRL 67-0571
AFCRL 68-0200

FRANKOWSKI D E
AFOSR 68-2151

FRANKS W
AFOSR 68-1599

FRASER A
AFCRL 68-0605

FRASER G W
AFOSR 67-2793

FRASER G W
AFOSR 68-0554

FRASER J B
AFCRL 67-0269
AFCRL 68-0085

FRASHER W G JR
AFOSR 67-1980

FRATZKE W F
ARL 67-1004I

FREDERICKS W J
AFOSR 67-1499
AFOSR 67-2075
AFOSR 68-1135
AFOSR 68-1834

FREDKIN D R
AFOSR 68-2397

FREEBERG F E
AFOSR 67-0540

FREFBURGER W R
ARL 68-1432A

FREED J M
AFOSR 68-0368
AFOSR 68-0387

FREEDMAN D A
AFOSR 68-2056
AFOSR 68-2296
AFOSR 68-2477
AFOSR 68-2625

FREEDMAN D Z
AFOSR 67-1405
AFOSR 67-1661
AFOSR 68-0189
AFOSR 68-1502
AFOSR 68-1503

FREEDMAN E
AFOSR 67-0694

FREEDMAN M D
AFOSR 68-0775
AFOSR 68-0776

FREEDMAN S J
AFOSR 67-1234
AFOSR 67-1725
AFOSR 67-2213
AFOSR 67-2749
AFOSR 68-0316

FREEMAN A J
AFOSR 67-0522
AFOSR 67-0596
AFOSR 67-1162
AFOSR 67-1633

FREEMAN H
AFOSR 68-0871

FREEMAN P R
AFOSR 67-1552
AFOSR 68-0435
AFOSR 68-1322

FREEMAN P R
AFOSR 67-1622

FRENCH A T
AFOSR 67-0202
AFOSR 67-1111
AFOSR 68-0583

FRENCH F W
AFOSR 68-0476

FRENKIEL F N
AFOSR 68-0285

FREUD P
ARL 67-1296M

FREUD P J
AFOSR 67-1107
AFOSR 68-0982

FREUDIGER F S
ARL 67-0151U

FREUND L B
AFOSR 68-2255
AFOSR 68-2455

FREYHEIT P J
AFOSR 67-1788
AFOSR 68-0741

FRIAR J L
AFOSR 67-0914
AFOSR 67-2033

FRIBERG E
ARL 67-0099T

FRIBERG E G
ARL 67-1210C
ARL 68-0032T
ARL 68-0208T
ARL 68-1048A
ARL 68-1126C

FRIBERG J
AFOSR 68-1907

FRIDMAN J D
AFCRL 68-0419

FRIEDEL H
AFOSR 67-0151
AFOSR 67-0383
AFOSR 67-0992
AFOSR 67-1086
AFOSR 67-1226
AFOSR 67-2434
AFOSR 68-1323
AFOSR 68-1526
AFOSR 68-2830

FRIEDMAN H
AFOSR 68-0599

FRIEDMAN H
AFOSR 68-0164

FRIEDMAN R
AFOSR 67-0382
AFOSR 67-0929
AFOSR 67-1788
AFOSR 67-2411
AFOSR 68-0002

FRIEDMANN H
AFCRL 67-0641
AFCRL 68-0420

FRIEDRICH O M
AFOSR 67-0626

FRIEDRICH O M JR
AFOSR 67-0819
AFOSR 67-1570
AFOSR 68-0232
AFOSR 68-1613
AFOSR 68-1715
AFOSR 68-1915
ARL 67-0062U

FRIEDRICHS K O
AFOSR 68-2656

FRIEMAN E A
AFOSR 67-0985
AFOSR 67-1030
AFOSR 67-2665

FRIHAGEN J
AFCRL 67-0386
AFCRL 68-0260
AFCRL 68-0285

FRIND G
ARL 68-0067U

FRISCH H
AFOSR 68-0080

FRISCH I T
AFOSR 67-0487
AFOSR 68-2280

FRISHMAN Y
AFOSR 68-2538

FRISILLO A L
ARL 67-1201M

FRISILLO AL JR
ARL 67-1010J

FRITSCH F N
AFOSR 67-0276
AFOSR 67-0277

FRITTS M J
AFCRL 68-0408

FRITZ J H
AFCRL 68-0419

FRIZ W
AHL 67-0055U
AHL 68-0098T

FROBERG J
AFOSR 68-2558

FROISSART M
AFOSR 68-0270

FROMENT J L
AFOSR 67-2563

FRONMHOLD L
AFOSR 68-2035

FRONMHOLD L W
AFOSR 68-1859

FRONZAGLIA A
AFOSR 67-0598

FROST A D
AFCHL 68-0062

FROST J C
AFOSR 67-1819

FRY D B
AFCRL 68-0615

FRYE G
AFOSR 68-0575
AFOSR 68-0987

FU J H M
AFOSR 67-0395
AFOSR 67-1888

FU J H M
AFOSR 68-1237

FU Y
AFOSR 68-2129

FUBINI S
AFOSR 67-0585
AFOSR 68-0564
AFOSR 68-1131

FUCHS G L
AFOSR 67-1954

FUCHS K
AFOSR 67-2077

FUCHS S
AFOSR 67-2350

FUCKS W
ARL 67-0057U
ARL 68-0074T

FUELLHART P O
AFOSR 68-1375

FUJII Y
AFOSR 67-0583

FUJIMORI E
AFCRL 67-0126

FUJIMOTO M
AFOSR 67-0196
AFOSR 67-2263

FUJITA S
AFOSR 67-1132
AFOSR 67-1527

FUKAI A
AFOSR 67-1670

FULDE P
AFOSR 67-0126
AFOSR 67-0166

FULLENBAUM M S
AFOSR 67-1985

FULLER A L
AFOSR 68-1603

FULTON A
AFOSR 68-0666
AFOSR 68-1294

FUNG Y C
AFOSR 67-0827
AFOSR 67-0828
AFOSR 67-0836
AFOSR 67-2255
AFOSR 68-0739
AFOSR 68-0640
AFOSR 68-2358
AFOSR 68-2359

FUNG Y C B
AFOSR 67-1980
AFOSR 68-0841
AFOSR 68-0993
AFOSR 68-1232

FUOSS R M
AFOSR 68-0216
AFOSR 68-0328
AFOSR 68-1075
AFOSR 68-1617
AFOSR 68-1690

FURDYNA J K
AFOSR 67-0215
AFOSR 67-1869

FURLAN G
AFOSR 68-0564

FURSTENBERG H
AFOSR 67-0757

FUSCO J A
AFCRL 67-0561
AFCRL 68-0294

FUTRELL J H
ARL 67-0026V
ARL 67-0092V
ARL 67-0110V
ARL 67-0192V
ARL 67-0197V
ARL 67-0208V
ARL 67-1102A
ARL 67-1103A
ARL 67-1107A
ARL 67-1108A
ARL 67-1111A
ARL 67-1126A
ARL 67-1131A
ARL 67-1132A
ARL 67-1135A
ARL 67-1136A
ARL 67-1136E
ARL 67-1170N
ARL 67-1237A
ARL 67-1238A
ARL 67-1239A
ARL 67-1240A
ARL 67-1244A
ARL 67-1246A
ARL 68-0004V
ARL 68-0008V
ARL 68-0041V
ARL 68-0053V
ARL 68-0058V
ARL 68-0081V
ARL 68-0084V
ARL 68-0095V
ARL 68-0127V
ARL 68-0138V
ARL 68-0192V
ARL 68-0326V
ARL 68-1231E

FUKE K
AFOSR 67-0865
AFOSR 67-0868
AFOSR 67-0869
AFOSR 67-0870

GAARDEN N T
AFOSR 68-0509

GAASM A A
AFOSR 67-0331

GABRIEL V G
AFCRL 67-0022

GADDY O L
AFOSR 67-1277
AFOSR 68-0266
AFOSR 68-2070
AFOSR 68-2071

GADE S
AFOSR 67-2647

GAEBLER J F
AFOSR 68-2860
AFOSR 68-2868

GAFFNEY G W
AFOSR 68-0439

GAFFRON M
AFOSR 68-0493

GAGER M M
AFOSR 67-0698

GAGLIARDI R M
AFOSR 67-0430
AFOSR 68-0865

GAILAR N M
AFCRL 67-0812

GAINES F
AFOSR 68-2607

GAINES J R
AFOSR 68-1517

GAJEWSKI W
AFOSR 67-1005
AFOSR 68-1256

GALANOPOULOS A G
AFOSR 67-2148
AFOSR 67-2782
AFOSR 68-0008
AFOSR 68-1440

GALDON E
AFCRL 67-0682

GALE D
AFOSR 68-2435

GALE K A
ARL 67-0143V
ARL 67-0177V

GALEJS J
AFCRL 68-0573
AFCRL 68-0574
AFCRL 68-0576
AFCRL 68-0577
AFCRL 68-0616

GALIZZI A
AFOSR 67-2335

GALLAGER R G
AFOSR 68-2019

GALLAGHER C C
AFCRL 67-0446
AFCRL 68-0140

GALLAGHER J M
AFOSR 68-2108

GALLAHER W H
ARL 67-0151U

GALLOWAY A J
ARL 67-0084W

GAMMEL J L
AFOSR 67-0224
AFOSR 67-0672
AFOSR 68-0358
AFOSR 68-2747
AFOSR 68-2856
AFOSR 68-2859

GANESAN S
AFOSR 68-0997

GANGI A F
AFCRL 67-0600

GANGULY A K
ARL 67-1322H
ARL 68-1414B

GANNON M C
AFOSR 67-1139

GANS R
AFOSR 68-2495

GANTZEL P K
AFOSR 68-0483

GARABEDIAN P R
AFOSR 68-0446
AFOSR 68-2613

GARBUTT M
AFOSR 67-0196
AFOSR 67-2263

GARCIA N
ARL 68-1459M

GARCIA N C
ARL 68-0252V

GARCIA-SANCHEZ J L
AFOSR 67-1331

GARDNER C S
AFOSR 67-0318
AFOSR 68-1021
AFOSR 68-2381

GARDNER J B
AFCRL 68-0265

GARDNER M E
AFCRL 67-0468

GARDNER M R
AFOSR 68-1525

GARDNER R L
AFOSR 67-2189

GARDNER W E
AFOSR 67-1211
AFOSR 68-0661
AFOSR 68-0928
AFOSR 68-[illegible]

GARNETT J
AFOSR 68-0570

GARRETT B B
AFOSR 67-2753

GARRETT C
ARL 68-1078N

GARRETT H J
ARL 67-0170V
ARL 67-1338A
ARL 68-0046V
ARL 68-1376C

GARRETT K S
AFCRL 67-0411

GARRETT R A
AFOSR 67-0546

GARRIDO L M
AFOSR 68-0989

GARRISON R L
ARL 68-0103U
ARL 68-1185R

GARSCADDEN A
ARL 67-0082V
ARL 67-0109V
ARL 67-0127V
ARL 68-0010V
ARL 68-0094V
ARL 68-0117V
ARL 68-0175V
ARL 68-1138E

GARTENHAUS S
AFOSR 68-0393

GARVIN P L
AFOSR 67-0525
AFOSR 68-0390
AFOSR 68-0765

GARWACKI W
AFCRL 67-0046
AFCRL 67-0627
AFCRL 68-0048

GASPARI G D
AFOSR 67-0166
AFOSR 67-0427
AFOSR 68-0702

GASSMANN G J
AFCRL 68-0318

GAST P R
AFCRL 68-0336

GASTON P
AFCRL 68-0426

GAUGEN J
AFCRL 67-0099

GAUNT D N
AFCRL 67-0116

GAVAGGIONI A
AFOSR 68-1091

GAVALAS R J
AFOSR 68-2668

GAVIGLIO J
AFOSR 67-0460

GAY C F
AFOSR 68-0391

GAZZANIGA M S
AFOSR 68-2714

GEAKE J E
AFCRL 68-0235

GEBALLE T H
AFOSR 67-0156
AFOSR 67-0510
AFOSR 67-1618

GEBEL R K H
ARL 67-0041V
ARL 67-0165
ARL 67-0173V
ARL 67-0180
ARL 67-0212V
ARL 67-0270V
ARL 67-1085A
ARL 67-11380
ARL 67-11390
ARL 67-11930
ARL 67-11940
ARL 68-0073T
ARL 68-0100T
ARL 68-0102T
ARL 68-0241V
ARL 68-0242V
ARL 68-0255V
ARL 68-0256V
ARL 68-0257V
ARL 68-0258V
ARL 68-0259V
ARL 68-0261V
ARL 68-0262V
ARL 68-0264V
ARL 68-0265V
ARL 68-0266V
ARL 68-1426A
ARL 68-1427A

GEBHARDT W
ARL 67-1299M

GEDDES W
AFOSR 67-0316

GEDNEY L
AFOSR 67-2860

GEE A R
AFOSR 67-2843

GEE E L
AFCRL 67-0050

GEE H K
AFCRL 67-0055

GEERING G T
AFOSR 68-1529

GEESNER C R
ARL 67-0231V
ARL 67-0269V

GEFFEN N
AFOSR 67-0394
AFOSR 67-2438
AFOSR 68-0229
AFOSR 68-1935

GEGRELL L
AFOSR 68-1016

GEHRLICH D K
AFCRL 67-0470

GEIGER J
ARL 68-1092N

GEIGER W
AFOSR 67-2839

GEISTER G E
AHL 67-0217U
AHL 67-0276U

GELENBE S K
AFOSR 68-0218

GELFAND N M
AFOSR 67-0792

GEMME G
AFOSR 67-0903

GENCHI A
ARL 68-1113H

GENDELL J
AFOSR 68-0387

GENTIL C G
AFOSR 68-0418

GENTILOMO A
AFOSR 67-0503
AFOSR 67-0504
AFOSR 67-1481
AFOSR 67-1855
AFOSR 67-1856
AFOSR 68-0843

GEORGE A R
AFOSR 68-0571

GEORGE C
AFOSR 68-1027
AFOSR 68-1078

GEORGE D E
AFOSR 68-0435

GEORGE D J
AFOSR 68-1363

GEORGE P K
AFOSR 68-0558

GEORGE W
AFCRL 68-0432

GERBES W W
AFCRL 67-0152
AFCRL 67-0668

GERE D R
ARL 67-0213V
ARL 68-0034V

GERHARDT L A
AFOSR 67-0054
AFOSR 68-1350

GERHARDT U
AFOSR 68-0723

GERLACH N L
AFOSR 67-2316
AFOSR 68-1816

GERLICH D
ARL 68-1457M

GERLOCK J L
AFOSR 68-0409
AFOSR 68-2873
AFOSR 68-2874

GERMANO C A
AFCRL 68-0368

GEROCH R
AHL 67-1328M

GEROSA G
AFCRL 67-0507
AFCRL 67-0526
AFCRL 68-0023

GERSHON M
AFOSR 68-2726

GERST I
AFOSR 68-2599

GERSTNER J
AFOSR 68-0403

GERVAIS A
AFOSR 68-1693

GESSEN M O
AFOSR 67-0196
AFOSR 67-2763
AFOSR 68-1313

GESTRI G
AFOSR 67-2538
AFOSR 67-2540

GETOOR R K
AFOSR 68-0411

GHANDOUR E
AFOSR 68-1550

GHAUSI M S
AFCRL 67-0067
AFCRL 67-0130
AFCRL 67-0562
AFCRL 68-0111
AFCRL 68-0117

GHIA K N
ARL 67-0058U

GHISELIN B
AFOSR 67-1523

GHOSH M K
AFOSR 68-2355

GIACONETTI P I
AFOSR 67-1796

GIANNOTTA S F
ARL 67-0198T
ARL 67-1076A
ARL 68-0198T
ARL 68-0211T
AHL 68-1333C

GIBBS B W
AFCRL 67-0623
AFCRL 67-0625

GIBBS C L
AFOSR 68-1686
AFOSR 68-1692
AFOSR 68-1717

GIBBS M
AFOSR 68-1700

GIBSON B F
AFOSR 67-0911
AFOSR 67-1726

GIBSON E G
AFOSR 67-1053

GIDDINGS W P
AFOSR 68-2500

GIDEON J B
ARL 67-0266W

GIGANTE J
AFOSR 68-1459

GILBERT A J
AFOSR 67-1736

GILBERT E C
AFOSR 68-2456

GILBERT E G
AFOSR 67-0839
AFOSR 67-1018

GILBERT F
AFOSR 67-2103

GILHERT J HAINS G J
AFOSR 67-0198

GILBERT R A
AFOSR 68-2180

GILBERT R P
AFOSR 67-0837
AFOSR 67-1188
AFOSR 67-2190
AFOSR 68-0766

GILBERT W L
AFOSR 67-251R

GILFILLAN E S
AFCRL 68-0177

GILL A
AFOSR 67-0334
AFOSR 68-0036
AFOSR 68-1947
AFOSR 68-2016
AFOSR 68-2057

GILL D H
AFOSR 67-0762
AFOSR 67-0763
AFOSR 67-2497

GILL J J
AFOSR 68-0303

GILL P S
ARL 68-1329B

GILLES S E
AFOSR 68-1309
AFOSR 68-1895

GILLESPIE D
AFOSR 67-2324
AFOSR 67-2340

GILLESPIE E
AFOSR 67-0026

GILLESPIE J
AFOSR 67-0545

GILLESPIE J S
AFOSR 67-0698

GILLESPIE K A
AFOSR 67-0665

GILLESPIE R J
AFOSR 67-0543
AFOSR 67-0544
AFOSR 67-0546

AFOSR 67-1270
AFOSR 67-2474
AFOSR 68-0175
AFOSR 68-1412

GILLICH W J
AFOSR 67-1939

GILLIS J
AFOSR 68-0599

GILLOW M
AFOSR 67-0207

GILMAN P A
AFCRL 68-0296
AFCRL 68-0501

GILPIN R R
AFOSR 68-0743

GILVARRY J J
AFOSR 68-1808
AFOSR 68-1842

GINER J
AFCRL 68-0160

GINGRANDE A
AFCRL 67-0223

GINN S G W
AFOSR 68-2846

GINOUX J J
AFOSR 67-0615
AFOSR 67-2606
AFOSR 68-0231
AFOSR 68-0626
AFOSR 68-2568

GINSBURG S
AFCRL 67-0078
AFCRL 67-0363
AFCRL 67-0364
AFCRL 67-0537
AFCRL 67-0538
AFCRL 67-0866
AFCRL 68-0080
AFCRL 68-0081
AFCRL 68-0240
AFCRL 68-0470
AFCRL 68-0592

GIORGI E D
AFOSR 68-1189

GIOVANNINI A
AFOSR 68-1213
AFOSR 68-1214
AFOSR 68-1218

GISH H
AFCRL 68-0150

GIULIANO C R
AFOSR 67-0450
AFOSR 67-2477
AFOSR 68-0659

GIUSTI A
AFCRL 67-0516

GIVEON Y
AFOSR 68-0654

GIVEON Y
AFOSR 68-0653

GLABERSON W I
AFOSR 68-2288

GLADSTONE G
AFOSR 67-1978

GLASER V
AFOSR 67-0172

GLASERSFELD E V
AFOSR 67-1687

GLASNER M
AFOSR 68-2618

GLASS G F
AFOSR 67-0481
AFOSR 68-2863
AFOSR 68-2864

GLASS I I
ARL 67-0018U

GLASS J M
AFOSR 67-0720

GLASS L
AFOSR 67-0093
AFOSR 67-0228
AFOSR 67-0270
AFOSR 68-0721

GLASSER M L
AFOSR 67-0082
AFOSR 67-0083
AFOSR 67-0085
AFOSR 67-1231

GLAUBER R J
AFOSR 67-0119
AFOSR 68-0136
AFOSR 68-0141
AFOSR 68-0650

GLAZE J A
AFOSR 68-1706

GLAZER A
AFCRL 67-0338

GLENN S W
AFOSR 68-1150
AFOSR 68-1151

GLENN T H
AFOSR 69-0690

GLESER L J
AFOSR 67-1624

GLICK A
AFOSR 67-2185

GLICK A J
AFOSR 67-0173
AFOSR 68-1788

GLICKSBERG I
AFOSR 68-0570

GLISSON T L
AFOSR 68-2029

GLOECKLER G
AFOSR 67-1204
AFOSR 67-1723
AFOSR 68-0707

GLUECKSEN O
AFOSR 67-2168

GLOVER G H
AFOSR 67-1645

GLOVER K M
AFCRL 67-0127

GLYDE H R
AFOSR 67-1529

GMITRO J I
AFOSR 67-1163

GNANADESIKAN M
ARL 67-0258W

GODART J
AFCRL 68-0837

GODSKE C L
AFCRL 67-0677

GOERNER J G
AFOSR 67-0094
AFOSR 68-1350

GOFFMAN W
AFOSR 67-1466
AFOSR 67-1467
AFOSR 67-1474

GOGGINS W B
AFCRL 69-0052

GOGGINS W R JR
AFCRL 67-0476
AFCRL 67-0586

GOLD E M
AFOSR 67-2815

GOLD L P
AFOSR 69-1758

GOLD M M
AFOSR 67-2018
AFOSR 68-0795

GOLD T
AFOSR 67-1646
AFOSR 67-2614

GOLDBERG M
AFOSR 68-2738

GOLDBERG I
ARL 68-0335V
ARL 68-1093N

GOLDBERG J
AFCRL 67-0463
AFCRL 68-0002

GOLDBERG J N
AFOSR 67-1644
ARL 68-0270W

GOLDBERG M A
AFOSR 67-2057

GOLDBERGER M L
AFOSR 67-1195
AFOSR 68-1261

GOLDBURG W I
AFOSR 67-0813
AFOSR 67-2641

GOLDEN O M
AFOSR 68-2909

GOLDFARB I D
AFOSR 67-0754
AFOSR 67-2040
AFOSR 67-2041
AFOSR 67-2403
AFOSR 68-0041

GOLDHAMMER P
ARL 67-0033V

GOLDICH S S
AFOSR 67-0314

GOLDMAN A
AFCRL 67-0572
AFCRL 68-0436
AFOSR 68-0145
AFOSR 68-1204

GOLDMAN M
AFCRL 68-0111

GOLDMAN R
AFOSR 67-1030
AFOSR 67-2665

GOLDRICH F E
ARL 68-0243W

GOLDRING M
AFCRL 68-0421

GOLDSTEIN A A
AFOSR 67-0784
AFOSR 68-0056
AFOSR 68-0281
AFOSR 68-0994
AFOSR 68-0300
AFOSR 68-0324

GOLDSTEIN J S
AFCRL 68-0584

GOLDSTEIN M E
ARL 67-0287B
ARL 67-0288W

GOLDSTEIN M H JR
AFOSR 68-2771
AFOSR 68-2778

GOLDSTEIN M J
AFOSR 67-0916

GOLDSTEIN M L
AFOSR 68-1720

GOLDSTEIN P
AFOSR 68-0462

GOLDSTEIN R
ARL 67-1334M
ARL 68-0152U

GOLDWIRE H C JR
AFOSR 67-2522
AFOSR 67-2578

GOLIN S
AFOSR 68-0820

GOLOBIC H A
ARL 68-0283W

GOLOMB O
AFCRL 67-0053
AFCRL 67-0144

GOLOMB S W
AFOSR 67-0313

GOLUB R
AFCRL 67-0297
AFCRL 68-0064

GOLUEKE C G
AFCRL 67-0455

GOMEN R
AFOSR 67-1673

GONENC G
AFOSR 68-1082

GOOD I R
AFCRL 67-0193

GOOD R E
AFCRL 67-0053
AFCRL 68-0143

GOOD W D
AFOSR 67-1787
AFOSR 68-0984

AFOSR 68-1248

GOODFELLOW R J
AFOSR 68-0889

GOODMAN D
ARL 68-1154N

GOOREVICH L
AFOSR 68-1968
AFOSR 68-2073

GORA E R
AFCRL 67-0488P

GORDON A J
AFOSR 68-2490

GORDON A H
AFOSR 67-1879

GORDON D
AFOSR 68-0146

GORDON HALL J
ARL 67-0133U

GORDON J S
AFOSR 67-1795

GORDON M
AFOSR 67-2173

GORDON M E
AFOSR 67-0798
AFOSR 68-2524

GORDON N E
AFCRL 67-0459
AFCRL 67-0651

GORDON N G
AFOSR 68-0660

GORDON W E
AFOSR 67-0804
AFOSR 67-2260

GORDON W L
AFOSR 67-0434
AFOSR 67-0435
AFOSR 67-1963

GORDY W
AFOSR 67-0013
AFOSR 67-0014
AFOSR 67-0018
AFOSR 67-0068
AFOSR 67-0076
AFOSR 67-0168
AFOSR 67-0380
AFOSR 67-0385
AFOSR 67-0402
AFOSR 67-1476
AFOSR 67-2262
AFOSR 67-2668
AFOSR 68-0163
AFOSR 68-1821
AFOSR 68-1950
AFOSR 68-2236
AFOSR 68-2249

GORE J V
AFCRL 68-0415

GORESH J W
AHL 67-0039V
ARL 67-1211C
AHL 68-1006A
ARL 68-1384C

GORMAN D
AFOSR 67-1700

GORMAN J E
AFCRL 67-0188

GORMAN R
ARL 67-0186U

GOROFF I
AFOSR 68-0401

GORRELL J H JR
ARL 67-0088V

GOSCINSKI O
AFOSR 68-1817
AFOSR 68-2671

GOSS W W
AFOSR 67-2522

GOTSMAN E
AFOSR 67-0272
AFOSR 67-1319

GOTTRON R N
AFOSR 68-2582

GOTTSDANKER R
AFOSR 67-1402

GOUGE M
AFOSR 67-1078

GOUGOUTAS J Z
AFOSR 67-2887
AFOSR 68-0357

GOULD F S
AFOSR 67-0905

GOULD G
AFOSR 67-1124

GOULD J R
AFOSR 67-2006
AFOSR 68-2180

GOULD R M
AFCRL 68-0185
AFCRL 68-0493
AFOSR 68-2305

GOUNAUD R L JR
ARL 67-1007I

GOVINDAN P
AFOSR 68-0091

GOVINDARAJULU Z
AFOSR 67-0684
AFOSR 68-0205
AFOSR 68-0206
AFOSR 68-1278
AFOSR 68-1277
AFOSR 68-1634
AFOSR 68-2753

GOWELL R W
AFCRL 68-0369

GRABER M D
ARL 67-0085V

GRAD M
AFOSR 68-0845

GRAESSER E C
AFOSR 68-1266

GRAF K A
AFCRL 67-0623
AFCRL 67-0624
AFCRL 67-0625

GRAHAM G A C
AFOSR 68-1643

GRAHAM M C
ARL 67-0107V

ARL 67-0118U
ARL 67-0147U
AHL 67-0160W
ARL 67-0164W
ARL 67-0171V
ARL 68-0186U
ARL 68-0187U
ARL 68-0188U
ARL 68-1171A

GRAHAM J J JR
AFCRL 68-0622

GRAMMATICOS A
AFOSR 68-0987

GRAMMATIKOS A
AFOSR 68-0298

GRAMMELTVEDT A
AFCRL 68-0838

GRANDE E
AFOSR 67-0128

GRANGER J M
AFOSR 67-2448

GRANNIS N J
AFCRL 67-0567

GRANOFF D
AFCRL 68-0060

GRANTHAM D B
AFCRL 68-0430

GRANTHAM D D
AFCRL 67-0232
AFCRL 68-0229
AFCRL 68-0850

GRANZOW A
AFOSR 68-1420
AFOSR 68-2605

GRASSO N M
AFOSR 68-2068

GRAVATT C C
AFOSR 67-2179
AFOSR 67-2182

GRAY J N
AFOSR 68-0323

GRAY R L
AFOSR 67-1218

GRAY T J
AFOSR 67-2188
ARL 68-1156N

GREBOWSKY J M
AFCRL 67-0328

GRECOS A P
AFOSR 68-1093
AFOSR 68-1814

GREEN A E S
AFOSR 67-2555
AFOSR 67-2565
AFOSR 67-2566
AFOSR 68-2488
AFOSR 68-2559
AFOSR 68-2560

GREEN C C
AFCRL 67-0370

GREEN J M
AFOSR 67-0062
AFOSR 68-2587
AFOSR 68-2660

GREEN J S
AFOSR 67-1878
AFOSR 68-1337

GREEN M
AFOSR 67-2290
AFOSR 68-0801
AFOSR 68-0889
AFOSR 68-1333
AFOSR 68-1335
AFOSR 68-2140

GREEN M M
AFOSR 68-1780
AFOSR 68-2499

GREEN M W
AFCRL 68-0008

GREEN R E JR
AFOSR 67-1037

GREEN T A
AFOSR 68-1980

GREEN W E
AFOSR 67-1664

GREENBERG I
AFOSR 67-1882

GREENBERG J M
AFOSR 67-2297
AFOSR 67-2685
AFOSR 68-1181

GREENBERG S A
AFML 67-0294

GREENE D E
ARL 67-0140T

GREENE F T
AFOSR 67-1971
AFOSR 68-1879

GREENE J E
AFOSR 67-0565

GREENE J M
AFOSR 68-1021

GREENE L C
ARL 67-0231V
ARL 67-0269V
ARL 67-1284A
ARL 68-0233V
ARL 68-0299V
ARL 68-0300V
ARL 68-1479A

GREENE P D
AFOSR 67-0864
AFOSR 67-1984

GREENSPAN M P
AFOSR 67-0981
AFOSR 68-2081

GREENSTEIN J L
AFOSR 67-0629
AFOSR 67-0643
AFOSR 67-1174
AFOSR 67-1332
AFOSR 67-2197
AFOSR 68-0124
AFOSR 68-0960
AFOSR 68-2138

GREENWALD A S
AFOSR 67-1395

GREENWOOD N N
AFOSR 67-0768
AFOSR 68-1531

GREER W L
AFOSR 68-2683

GREGG W D
AFOSR 67-1570
AFOSR 68-1160
AFOSR 68-1457
AFOSR 68-1661
AFOSR 68-1800
AFOSR 68-2225

GREGOREK C M
ARL 68-11068

GREGOREK G G
ARL 67-1224J

GREGOREK G M
ARL 67-1147M
ARL 67-1214D
ARL 68-0004U

GREGORY R L
AFOSR 68-1812

GREIBACH S
AFCRL 67-0363
AFCRL 67-0495
AFCRL 67-0538
AFCRL 67-0539
AFCRL 68-0159
AFCRL 68-0240
AFCRL 68-0241

GREY J
ARL 67-0744M
ARL 67-1238H

GRGIN F
AFOSR 68-2739

GRIBBLE R F
AFOSR 67-0826

GRIEMSMANN J W E
AFOSR 68-1534
AFOSR 68-1535
AFOSR 68-2439

GRIEPENTROG H
ARL 68-0110U

GRIFFIN A
AFOSR 67-0039
AFOSR 67-1056
AFOSR 68-1755

GRIFFIN C E
AFOSR 67-2373
AFOSR 68-0736

GRIFFIN H E
AFOSR 68-2027
AFOSR 68-2045

GRIFFITH V V
AMRL 67-0121

GRIFFITHS J D
AFCRL 68-0227

GRIFFITHS J H
AFOSR 68-1059

GRIFFITHS R B
AFOSR 67-2035
AFOSR 68-2567

GRIFFITHS T V
AFCRL 68-0012

GRIFFY T A
AFOSR 67-0578

GRIGGS M
AFCRL 67-0042
AFCRL 68-0001

GRIGGS W M
AFCRL 67-0268

AFCRL 68-0475

GRIGOR A F
AFOSR 68-1363
AFOSR 68-1364

GRILLOT D
AFOSR 68-2782

GRIM S D
AFOSR 67-0417
AFOSR 67-1613
AFOSR 67-2726
AFOSR 68-0806
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GRIMLEY M M
ARL 68-0293M

GRIMM D
ARL 67-1126A
ARL 67-1125A
ARL 68-0320V
ARL 68-1076A

GRINGORTEN I I
AFCRL 67-0125
AFCRL 67-0274

GRISSOM D
AFOSR 67-0814

GRODZINS L
AFOSR 67-1446
AFOSR 68-0348

GROFF W P
AFOSR 67-0747

GRODINSKY M L
AFCRL 67-0182
AFCRL 68-0176

GROJEAN R E
AFCRL 67-0267

GROSS D J
AFOSR 67-0880

GROSS F P
AFOSR 68-1039
AFOSR 68-2433
AFOSR 68-2474
AFOSR 68-2475
AFOSR 68-2476

GROSS P
AFOSR 67-0804
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AFOSR 67-1985
AFOSR 67-1993
AFOSR 67-2638
AFOSR 68-1795

GROSS R A
AFOSR 67-1818
AFOSR 68-0224
AFOSR 68-0228
AFOSR 68-1205
AFOSR 68-1603
AFOSR 68-2681

GROSSKREUTZ J C
AFML 67-0203

GROSSMAN P L
AFOSR 67-2254

GROVE A S
AFCRL 67-0062
AFCRL 67-0381

GROVES S M
AFOSR 67-2361
AFOSR 68-0022
AFOSR 68-1869

GRUMCH G G
ARL 68-0023U

GRUBER M
AFOSR 67-2688

GRUBER S
AFOSR 67-1785

GRUNDAUM D
AFOSR 67-0704

GRUNNAUM E
AFOSR 68-1909

GRUNBERGER L
AFOSR 67-0991

GRUNDFEST M
AFOSR 67-1490

GRUSSEN O J
AFOSR 68-2703

GUANALOI G
AFOSR 67-0031
AFOSR 67-0074
AFOSR 67-0075
AFOSR 67-0117
AFOSR 67-2192
AFOSR 68-0711
AFOSR 68-2069

GUARD J H
AFCRL 67-0167

GUAZZI M
AFOSR 68-0943

GUDEMOOS S M
ARL 67-0159U

GUDENJAHN C A
AFOSR 67-1156

GUDENJOHN C A
AFOSR 67-2176

GUDERLEY K G
ARL 67-0140T
ARL 67-1297L
ARL 67-1273F
ARL 68-0075T
ARL 68-1261A
ARL 68-1281L

GUENTHNER R H
AFCRL 67-0147

GUERNSEY H L
AFOSR 67-1888

GUERRA F
AFOSR 67-0592
AFOSR 67-0593

GUETHS J E
AFOSR 68-0016

GUGGENHEIM H J
AFOSR 68-0885

GUGGENHEIMER H
AFOSR 67-1419

GUIDI G
AFOSR 67-1383

GUIDICE D A
AFCRL 67-0546
AFCRL 68-0231

GUIDO M
AFML 67-0335

GULRIS S
AFOSR 67-0811
AFOSR 67-1130
AFOSR 67-1730
AFOSR 67-2595
AFOSR 68-1121

GUMLICH H E
ARL 68-1087M

GUNDERMANN E J
AFOSR 67-1447
AFOSR 68-1089

GUNDY R F
AFOSR 68-0968

GUNNAR M
AFCRL 67-0279

GUPTA A K
AFOSR 68-2821

GUPTA D
AFOSR 67-1171

GUPTA G
AFOSR 68-2535

GUPTA I
ARL 68-1169N

GUPTA S C
AFOSR 68-2031
AFOSR 68-2048

GUPTA S S
ARL 67-0252W
ARL 67-0253W
ARL 67-0256W
ARL 67-0257W
ARL 67-0259W
ARL 67-0260W
ARL 67-0261W
ARL 67-1304R
ARL 67-1305R
ARL 68-0272W
ARL 68-1454R

GURTIN M E
AFOSR 67-0045
AFOSR 67-2163
AFOSR 67-2429
AFOSR 67-2676
AFOSR 68-1103
AFOSR 68-1753
AFOSR 68-2136

GUST D
AFOSR 68-2235

GUSTAFSON L A
AFOSR 67-0890
AFOSR 67-1853

GUSTAFSSON G
AFCRL 67-0281
AFCRL 68-0259

GUSTAVSON F G
AFOSR 67-0136

GUTHRIE C B
AFOSR 68-0984

GUTHRIE G G
AFOSR 67-1787

GUTHRIE R D
AFOSR 67-0360
AFOSR 67-2783

GUTMAN E J
AFOSR 67-1368

GUTMAN F
AFOSR 68-1223

GUTTRICH G L
AFCRL 67-0297

GUY R K
AFOSR 68-1392

GUYON J C
AFOSR 67-1605
AFOSR 67-1697
AFOSR 67-1707

GUZMAN A
AFCRL 67-0133

GUZZLE T L
AFOSR 67-0362

GVISHI M
ARL 68-0159V
ARL 68-1168B
ARL 68-1169D

GYARMATHY G
ARL 67-0234T
ARL 67-1782A
ARL 68-0077V
ARL 68-0319V
ARL 68-1386C
ARL 68-1397C

GYGAX S
AFOSR 67-1732

GYORFFY B L
AFOSR 68-1978

HAAS H W
AFCRL 67-0072
AFCRL 67-0083
AFCRL 67-0110
AFCRL 67-0238

HAAS J E
AFOSR 67-1726
AFOSR 68-0861

HAAS T E
AFOSR 68-0679

HAAS T W
ARL 67-0025V
ARL 67-0075V
ARL 67-0153V
ARL 67-1129A
ARL 67-1130A
ARL 68-0042W
ARL 68-0087W
ARL 68-1065A
ARL 68-1217A

HAASE K H
AFCRL 67-0136
AFCRL 67-0392
AFCRL 67-0393
AFCRL 67-0430

HABIB E E
AFOSR 68-1767

HABIG R L
AFOSR 68-0366

HACHTEL G D
AFOSR 68-2006

HACKET W H JR
AFOSR 67-1761

HACKMAN E E
AFOSR 67-2619
AFOSR 68-0670
AFOSR 68-1310
AFOSR 68-1551
AFOSR 68-1958

HACKMAN E F II
AFOSR 67-2027

HACKMAN J N
AFOSR 68-1611
AFOSR 68-1678

HADDAD G N
AFOSR 68-2803

HADDON W F
AFOSH 67-1847

HAGEN C W
AFOSR 67-0749
AFOSR 67-0766

HAGJIOANNETHIOU J D
AFOSR 68-1413
AFOSR 68-2257
AFOSH 68-2258

HAGLEY W C
AFCRL 67-0231

HAGRIG J E
AFOSR 68-0668
AFOSR 68-0730

HAFELINGER G
AFOSR 68-1092
AFOSR 68-1186

HAFTKA R
AFOSR 68-0065
AFOSH 68-1468
AFOSR 68-2352

HAGAN T W JR
AFCRL 67-0413

HAGEN A P
AFOSH 67-1367
AFOSH 68-1783
AFOSR 68-2517

HAGEN J
AFOSH 67-1052

HAGENBUCH K W
AFCRL 67-0087

HAGGENDAL J
AFOSR 67-2274

HAGLER W O
AFOSR 67-1766
ARL 67-0062U

HAIGHT C H
AFOSR 67-2461

HAIMOVICI D
AFOSR 68-0165

HAINES C W
AFOSH 68-0372

HAJOVSKY R G
AFOSR 67-0822
AFOSR 67-0823

HAKIMI S L
AFOSR 67-0393
AFOSR 67-1702
AFOSR 67-2220
AFOSR 68-0543
AFOSR 68-0851
AFOSR 68-2413
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HALDEMAN C W
ARL 67-0281U
ARL 68-0115U
ARL 68-0289W
ARL 68-1077M

HALDEN P A
AFCRL 67-0218

HALE J K
AFOSR 67-2219
AFOSR 67-2474
AFOSR 68-0583
AFOSR 68-0808
AFOSR 68-1763

HALES A L
AFCRL 67-0026
AFCRL 67-0264
AFCRL 67-0265
AFOSR 67-0852
AFOSH 67-1664

HALKIN H
AFOSR 67-0148
AFOSR 67-0776
AFOSR 67-0777
AFOSR 67-0778
AFOSR 67-0780
AFOSR 67-0781

HALL D D
AFOSR 67-2796

HALL H W JR
AFOSR 67-0793

HALL H O
URA 67-0001
CRA 67-0002
ORA 67-0003
URA 67-0007
ORA 67-0011
ORA 68-0002
ORA 68-0010

HALL J F
AFOSR 68-0823

HALL J G
ARL 67-1223M

HALL J L II
AFOSR 68-2778

HALL L C
AFOSR 68-0197

HALL M L II
AFOSR 68-1987

HALL R B
AFCPL 67-0046

HALL R H
AFOSR 67-1696
AFOSH 68-0861

HALL R N
AFCRL 67-0046
AFCRL 67-0427
AFCRL 68-0048
AFCRL 68-0488

HALLEN R M
AFOSR 67-2050

HALLER G L
AFOSH 68-0385

HALLIDAY I G
AFOSR 67-1363
AFOSR 67-1637

HALPENIN A
AFCRL 67-0138
AFCRL 67-0322
AFCRL 68-0236

HALPERN B
AFOSR 67-1673

HALPERN E J
AFOSR 67-2625

HALPERN J
AFOSH 67-2331

HALPERN M B
AFOSR 67-0475
AFOSR 67-1681
AFOSH 67-2209
AFOSR 67-2487
AFOSR 67-2699
AFOSH 68-0429
AFOSR 68-2218
AFOSR 68-2338

HALTON B
AFOSR 68-0709

HAN R K
AFOSR 67-1085

HANBERGER B
AFOSR 67-0865
AFOSR 67-0870

HANEEN-ANTTILA K A
AFCRL 67-0504

HAMILTON C H
AFML 67-0098

HAMILTON J M
ARL 68-1224M

HAMILTON L
AFOSR 67-2628

HAMILTON L A
ARL 67-0202T
ARL 67-1221I

HAMILTON W C
AFOSR 68-0041

HAMLET P
AFOSR 68-0329

HAMMER S S
AFOSR 67-0149

HAMMOND G
AFOSR 68-1271

HAMMOND G S
AFOSR 67-0094
AFOSR 67-0095
AFOSR 67-0109
AFOSR 67-0166
AFOSR 68-0257
AFOSR 68-0258
AFOSR 68-0835
AFOSR 68-0976
AFOSH 68-1681
AFOSR 68-1828
AFOSR 68-1904
AFOSR 68-2854

HAMMOND H L
ARL 67-0248V

HAMMOND W B
AFOSR 67-0290
AFOSH 67-0292
AFOSR 67-1526
AFOSR 67-2226
AFOSR 68-2513
AFOSR 68-2586

HAMMONS J H
AFOSH 67-0730
AFOSR 67-0731

HAMPRECHT B
AFOSR 67-1349

HAN L S
ARL 68-0019U

HANAMURA E
AFOSR 67-0171
AFOSR 67-1677

MANAVALT J T
AFOSR 67-0267

MANCOCK J B
APML 67-0203

MANCOCK J C
AFOSR 68-2225

MANO C W
AFOSR 67-0875
AFOSR 68-0019

MANDELSH
AFC 7-0615

MANEL G
AFCRL 67-0207
AFCRL 68-0186

MANEY P
AFOSR 68-0938

MANEY P H
AFOSR 68-1612

MANKEY W L
ARL 67-0091V
ARL 67-0106V
ARL 67-0273T
ARL 67-1081A
ARL 67-1208L
ARL 67-1209L
ARL 68-0216T
ARL 68-1106A
ARL 68-1382A

MANKE H H JR
AFCRL 68-0612

MANLEY J
AFOSR 68-0833
AFOSR 68-2713

MANNA M W
AFOSR 67-2180

MANNAN E J
AFOSR 67-0443
AFOSR 67-1649

MANNAY N B
AFOSR 67-2808

MANRAHAN M J
ARL 67-1128A
ARL 68-1330B

MANRATTY T J
AFOSR 67-0476
AFOSR 67-2135
AFOSR 67-2355
AFOSR 68-0612
AFOSR 68-2079

MANSEN G J
AFOSR 67-2516

MANSER P A
AFCRL 67-0613
AFCRL 68-0585

MANSON D L
AFOSR 67-0941
AFOSR 67-1012
AFOSR 67-1015
AFOSR 67-2410
AFOSR 68-1072
AFOSR 68-1145

MANSON E M
AFOSR 68-1883

MANSON F B
AFOSR 67-1280

MANSON G C
AFOSR 68-2500

MANSON K
AFOSR 67-2860

MANSON M A
ARL 67-0138V
ARL 68-0090V
ARL 68-0278V
ARL 68-0278W
ARL 68-0288V
ARL 68-0347V

MANSON M E
AFOSR 68-2206

MARA T
AFOSR 67-0027

MARARI O
AFOSR 67-0467
AFOSR 67-0967
AFOSR 67-1929
AFOSR 67-1942
AFOSR 67-2442
AFOSR 68-1944

MARARY F
AFOSR 67-0733
AFOSR 67-0736
AFOSR 67-0737
AFOSR 67-0774
AFOSR 67-1167
AFOSR 67-2428
AFOSR 68-0588
AFOSR 68-0619
AFOSR 68-1392
AFOSR 68-1393
AFOSR 68-1394
AFOSR 68-1395
AFOSR 68-2017

MARBISON D R
AFOSR 68-1796

MARBOUR P J
ARL 68-1109B
ARL 68-1114B

MARBOURNE D A
AFOSR 67-1128
AFOSR 68-1133
AFOSR 68-1338

MARDOURT C O
AFOSH 67-0390
AFOSR 67-0711
AFOSH 67-1230
AFOSR 67-1336
AFOSR 67-1406
AFOSR 67-1593
AFOSR 68-1178

MARDCASTLE D L
AFOSR 68-2856

MARDEN R L
ARL 68-0049U
ARL 68-1193B

MARDY J R
ARL 68-1358M

MARDY K R
AFCRL 67-0127

MARDY W N
AFOSR 68-1517

MARKCOM J K
AFOSR 68-0806

MARKER J E
AFOSH 68-2174

MARKNESS S
ARL 68-1161M

MARKNESS S D
ARL 67-1159N

MARKRIDER D
AFOSR 68-1433

MARKRIDER D G
AFOSR 67-0307

MARLOW C A
AFOSR 67-1764

MARM M
AFOSH 68-0961
AFOSR 68-1048

MARMSEN D
AFOSR 67-0782

MARNBEN D M
AFOSR 68-1246
AFOSH 68-1256

MARNISCHNACHER R
AFCRL 67-0270
AFCRL 67-0503

MARP J C
AFCRL 68-0343

MARRINGTON R F
AFCRL 68-0282

MARRINGTON T L
AFOSR 68-1439

MARRINGTON W J
AFOSR 68-0706

MARRIS A N
AFOSR 67-1961

MARRIS B
AFOSR 67-0217

MARRIS C W
ARL 67-0028V
ARL 67-0118V

MARRIS D
AFOSH 67-1546
AFOSR 68-1179
AFOSR 68-1276

MARRIS D E
AFOSR 67-1179
AFOSR 68-1089

MARRIS F E
AFOSR 68-1979
AFOSR 68-2101

MARRIS G I
ARL 67-0033V
ARL 67-0111V
ARL 67-0182V
ARL 67-1036A
ARL 67-1037A
ARL 67-1038A
ARL 67-1040A
ARL 67-1045A
ARL 68-0009V
ARL 68-0012V
ARL 68-0148V
ARL 68-0330V
ARL 68-1206A
ARL 68-1205A
ARL 68-1207A
ARL 68-1209A
ARL 68-1237L
ARL 68-1338A
ARL 68-1339A

MARRIS G W
AFOSR 67-0920
ARL 67-0006U

MARRIS H K
AFOSR 67-1981

MARRIS I R
AFOSR 67-2408

MARRIS J M
AFOSR 68-2110

MARRIS R W
AFCRL 67-0070
AFCRL 67-0289

MARRIS S J
AFOSP 68-2875

MARRISON A
ARL 68-1128N

MARRISON A G
ARL 68-1086N

MARRISON M A
AFCRL 67-0078
AFCRL 67-0666
AFOSR 68-0323
AFOSR 68-2036
AFOSH 68-2102
AFOSR 68-2401

MARRISON R H
AFCRL 67-0542
AFOSR 67-0881
AFOSR 68-0984
AFOSR 68-1231

MARRISON S A
AFOSR 67-0485

MARROP I M
AFOSR 67-1009

MARRUFF D A
AFCRL 67-0922

MART G M
ARL 67-0159U

MART J F
AFOSR 68-1160

MARTER M L
ARL 67-0027V
ARL 67-0059T
ARL 67-0089V
ARL 67-0116V
ARL 67-0130V
ARL 67-0184V
ARL 67-1018A
ARL 67-1019A
ARL 67-1032A
ARL 67-1252C
ARL 67-1267E
ARL 68-0038V
ARL 68-0085V
ARL 68-0171V
ARL 68-0223D
ARL 68-0277V
ARL 68-0278V
ARL 68-1253A
ARL 68-1470A

MARTL W F
AFOSR 67-1253

MARTLE J B
AFOSR 68-0269

MARTMAN J S
AFOSR 67-1270
AFOSR 67-2478
AFOSR 68-1412

MARTMAN K O
AFOSR 67-0540
AFOSR 67-0541

MARTMAN P
AFOSR 67-2127

AFOSR 67-2128
AFOSR 67-2785
AFOSR 68-0445
AFOSR 68-1026
AFOSR 68-1997
AFOSR 68-2562
AFOSR 68-2563
AFOSR 68-2864

HARTMAN H
AFOSR 67-2627

HARTNETT W E
AFCRL 67-0048
AFCRL 67-0124
AFCRL 67-0591

HARTWELL J G
AFOSR 67-1170

HARTWICK P D A
AFOSR 68-1046

HARTWIG W H
AFOSR 67-0607
AFOSR 67-0749
AFOSR 67-0760
AFOSR 67-0814
AFOSR 67-1587
AFOSR 67-2138

HARVEY G A
AFCRL 68-0217

HARVILLE A
ARL 68-0082V

HARVILLE D A
ARL 67-0243V
ARL 67-1020A
ARL 67-1021A
ARL 67-1022A

HARWARD C N
AFCRL 67-0007

HARWIT M
AFOSR 67-1646

HARWOOD D
AFOSR 68-0506

HASAN J
AFOSR 67-2267
AFOSR 67-2268

HASERN HERVI M
ARL 67-0040W

HASEGAWA A
AFOSR 67-0462

HASEGAWA H
AFOSR 68-0188

HASELBERG K V
AFCRL 67-0093

HASHIMOTO H
AFOSR 68-2707

HASHMALL J A
AFOSR 68-1984

HASINGER S
ARL 67-11890

HASINGER S H
ARL 68-0141V

HASKELL W E
AFCRL 67-0365
AFCRL 67-0527
AFCRL 67-0528

HASMALL J A
AFOSR 68-1598

HASSELL E J
ARL 68-1336C

HATCHER T
AFCRL 68-0049

HAUBRICH R
AFOSR 67-2103

HAUGEN E
AFCRL 68-0802

HAUGEN H L
ARL 68-0204T
ARL 68-0309V
ARL 68-1386C

HAUSSLER P
AFOSR 67-0556

HAVELUCK H G
AFOSR 68-1654

HAWES M
ARL 68-1366A

HAWK N E
ARL 67-0084W

HAWLEY J J
AFCRL 67-0436

HAWLEY N S
AFOSR 68-2647

HAWLEY S W
AFCRL 68-0223

HAY D R
AFCRL 67-0014
AFCRL 68-0413

HAY N E
AFOSR 67-0396
AFOSR 68-2522

HAYCOCK D C
AFCRL 67-0532

HAYCOCK R M
AFCRL 67-0548
AFCRL 68-0538

HAYDEN H C
AFOSR 68-2062

HAYES D P
AFCRL 67-0170

HAYES J F
AFOSR 68-2450

HAYES T L
AFOSR 67-0347
AFOSR 68-0077

HAYMAN L
AFOSR 67-0864
AFOSR 67-1988
AFOSR 67-1985
AFOSR 67-1993
AFOSR 67-2638
AFOSR 68-1795

HAYNES R C
AFOSR 67-0410
AFOSR 67-1095
AFOSR 68-0486
AFOSR 68-1150
AFOSR 68-1151

HAYNE G S
AFOSR 68-2790

HAYNES O W
AFOSR 68-1613

HAYNES W E
AFCRL 68-0589

HAYS P M
AFCRL 67-0443

HAYSLETT R R
ARL 67-0185
ARL 68-0256V

HAZARD C
AFOSR 67-1130
AFOSR 67-1730
AFOSR 67-2095
AFOSR 68-1121

HAZEN W E
AFOSR 68-2316
AFOSR 68-2479

HAZI A U
AFOSR 67-0092
AFOSR 67-2671
AFOSR 68-1185

HAZUNY D
AFCRL 67-0606

HEACOCK R R
AFCRL 67-0244
AFCRL 67-0246
AFCRL 67-0247
AFCRL 67-0249
AFCRL 67-0250
AFCRL 67-0251
AFCRL 67-0550
AFCRL 67-0559

HEADLEY V B
AFOSR 68-0335

HEANO H C
AFCRL 67-0308

HEARN A C
AFOSR 67-0582

HEASLEY L
AFOSR 67-2010

HECHLER K
AFOSR 67-2589

HECKER N F
AFCRL 67-0499

HECKER S S
AFML 67-0095

HED A Z
ARL 67-0144W
ARL 67-1145J
ARL 68-0147W
ARL 68-0165W

HEDHENG K
AFOSR 67-0275
AFOSR 67-0276
AFOSR 67-0277

HEDGE C E
AFOSR 67-0314

HEEGEH A J
AFOSR 67-1675
AFOSR 67-1676

HEFFELFINGER R E
ARL 67-0002U
ARL 68-0164W
ARL 68-0166W

HEFNER R
AFOSR 68-2164

HEGHLOW P M
AFCRL 67-0618

HEGGMIER G A
AFOSR 67-1630
AFOSR 67-2693
AFOSR 68-1085
AFOSR 68-1618

HEIDEMAN J C
AFOSR 67-1885
AFOSR 68-0506

HEIL M
AFCRL 67-0228
AFCRL 67-0378
AFCRL 67-0500

HEILES C
AFOSR 68-1008

HEIMAN F P
AFCRL 67-0008

HEIMENAN W R
AFOSR 68-0209

HEINS A E
AFOSR 67-0131
AFOSR 68-0013
AFOSR 68-0018
AFOSR 68-1618

HEINTZ R
AFOSR 68-2409

HEINTZ W E
AFOSR 67-0988

HEINZELMANN G
AFOSR 68-1158

HEIST H E
AFOSR 68-0035

HEITANEN J R
ARL 67-0282U

HELMING W R B
AFOSR 67-2069
AFOSR 67-2258
AFOSR 68-1583
AFOSR 68-2428

HELOT L A
AFOSR 67-034H
AFOSR 67-1068

HELGESON J
AFOSR 68-0197

HELLAWELL A
AFOSR 68-2721

HELLER P
AFOSR 68-0268

HELLIWELL J M
AFOSR 67-1879

HELLIWELL R A
AFOSR 68-0219
AFOSR 68-1609

HELLMAN W S
AFOSR 67-2196
AFOSR 68-0760

HELSLEY C E
AFOSR 67-0852

[illegible]
[illegible] 68-0091

[illegible]
[illegible] 67-1590

[illegible]
AFCRL 68-0193
AFCRL 68-0422

[illegible]
AFOSR 68-2318
AFOSR 68-2478

HENDERSON D M
AFOSR 68-0490

HENDERSON J L
AFOSR 68-1915

HENDRICKS C D
AFOSR 68-0101
AFOSR 68-0527
AFOSR 68-0367
AFOSR 68-1235
AFOSR 68-2360
AFOSR 68-2562

[illegible]
[illegible] 67-0389

HENDRIE D L
AFOSR 67-1073

[illegible]
AML 67-13708

HENIS J
AML 67-11694

HENIS Y
AFOSR 68-[illegible]

HENKE W E
AFOSR 67-0035
AFOSR 67-1256
AFOSR 67-2751
AFOSR 67-2768
[illegible] 68-2196

HENNECKE H
AML 67-[illegible]
ARL 67-[illegible]
[illegible] 67-[illegible]

[illegible]
AML 67-0233W
ARL 68-0089W
AML 68-0508W
AML 67-0243W
ARL 68-0352W
[illegible] 68-0313W
AML 68-0139W
AML 68-1302A
AML 68-1703A
AML 68-1210A
ARL 68-1211A
ARL 68-1213A
AML 68-1388A
ARL 68-1465A

HENRIKSEN S N
AFCRL 67-2167

HENRY C
ARL 68-1364W

HENRY [illegible]
AFCRL [illegible]
AFCRL 67-0041
AFCRL 67-0110
AFCRL 67-0230
AFCRL 68-0620

HENRY G M
AFOSR 67-2521
AFOSR 68-0134
[illegible] 68-1564

HENRY W E
ARL 68-0082U
ARL 68-0166W

HENTELEFF M J
ARL 68-02220

HENSLEY P B
AFOSR 68-1705

HENTZ L
AFOSR 67-1348
AFOSR 68-2683

HERAK J N
AFOSR 67-0018
AFOSR 67-0068
AFOSR 67-2282
AFOSR 68-1821

HERBST G
AFOSR 67-2580

HERCHER M
AFCRL 68-0061

HERKSTROETER W G
AFOSR 67-0094
AFOSR 67-0095

HERMAN E A
AFOSR 67-1738

HERMAN F
AFCRL 67-0382
AFCRL 67-0409
AFCRL 68-0631
ARL 68-0244W
ARL 68-0247W
ARL 68-1403B
ARL 68-1405G
ARL 68-1406G
ARL 68-1407B
ARL 68-1409G
ARL 68-1410R
ARL 68-1411M
ARL 68-1413H
ARL 68-1419B
ARL 68-1420W
ARL 68-1421G
ARL 68-1422M
ARL 68-1423W

HERMAN J M
AFCRL 68-0106

HERMANN H
AFOSR 68-1367

HERMANN G
ARL 67-0263B
ARL 68-0356W

HERMANN J G
ARL 67-0058U

HERMANNSSON S
AFOSR 68-2175

HERMES M
AFOSR 68-1831

HERMES M C
AFOSR 67-1264
AFOSR 67-1926

HERRISTONE J S
AFCRL 68-0941

HERMSEN W W
AFOSR 68-1269

HERNANDEZ J
AFCRL 67-0020

HERNICZ B
AFOSR 67-2023

HERNEN S
AFOSR 67-1998
AFOSR 67-2003
AFOSR 67-2005
AFOSR 67-2019
AFOSR 67-2023
AFOSR 67-2248

HERRIOT J G
AFOSR 68-2600

HERRIOTT A W
AFOSR 68-1592

HERRMANN G
AFOSR 67-1908
AFOSR 67-1925
AFOSR 67-2055
AFOSR 68-0176
AFOSR 68-0478
AFOSR 68-0753
AFOSR 68-1387
AFOSR 68-2281
AFOSR 68-2289

HERRMANN G F
AFCRL 68-0473

HERRMANN R B
AFOSR 67-2062

HERRMANN S J
AFOSR 67-2062

HERRNEGGER F
AFOSR 67-0151
AFOSR 67-0677
AFOSR 67-2066
AFOSR 68-0236
AFOSR 68-1323

HERSKOVITS J J
AFOSR 67-0266

HERTZBERG A
ARL 67-0133U
ARL 67-0134U

HERZBERG L
AFCRL 67-0460

HESLIN T M
ARL 67-0272U
ARL 68-0237W

HESS L D
AFOSR 67-0450
AFOSR 68-0650

HESSEL M M
AFOSR 68-1326

HESSLER V P
AFCRL 67-0244
AFCRL 67-0245
AFCRL 67-0246
AFCRL 67-0248
AFCRL 67-0249
AFCRL 67-0550

HETENYI M
AFOSR 68-1892

HEUGILL D
AFOSR 67-1602

HEXTER R M
AFOSR 67-0875

HEYDA J F
AFATL 67-0119
AFATL 67-0167

HEYDENBURG N P
AFOSR 67-0608
AFOSR 68-1384

HEYLEN A E
AFCRL 67-0032

HEYLEN A E D
AFCRL 67-0033
AFCRL 68-0017
AFCRL 68-0535

HIBBARD T N
AFCRL 67-0077
AFCRL 67-0434

HICKOK R L
AFOSR 67-0611
AFOSR 67-1026
AFOSR 67-2211
AFOSR 68-0480

HIELSCHER F H
AFOSR 67-0367

HIGGINS C R
AFCRL 67-0063

HIGGINS J E
AFCRL 68-0009

HIGH R G
AFOSR 68-2036

HIJAB M A
AFOSR 67-1303

HIJI Y
AFOSR 67-2383
AFOSR 67-2623

HILBERMAN D
AFCRL 67-0553

HILBORN C G JR
AFOSR 67-1586
AFOSR 67-1869
AFOSR 68-2032
AFOSR 68-2561

HILBUHN J L
AFCRL 67-0206
AFCRL 68-0187

HILGARD E H
AFOSR 67-1197
AFOSR 67-2212
AFOSR 67-2214
AFOSR 67-2729
AFOSR 68-1901
AFOSR 68-1989

HILL C D
AFOSR 68-2518

HILL J A
AFCRL 68-0143

HILL J C
AFOSR 67-1282

HILL R J
AFOSR 68-0683

HILL W W
AFCRL 68-0673
AFOSR 67-1972

HILLIER I H
AFOSR 67-0093
AFOSR 67-0226
AFOSR 67-0270
AFOSR 67-0644
AFOSR 67-2164
AFOSR 67-2445

HILTON A S
ARL 68-1075A

HINIKER P
AFOSR 67-0960

HINKLE L E JR
AFOSR 69-1407

HINRICHSEN P F
AFOSR 67-1215
AFOSR 68-0595

HINTON F L
AFOSR 68-2853

HIRAHATSU K
AFOSR 67-0862

HIRASAWA K
AFCRL 68-0542

HIRSCH A A
AFOSR 67-0350
AFOSR 67-0351
AFOSR 67-0354
AFOSR 67-0433
AFOSR 67-2002
AFOSR 68-0158
AFOSR 68-0160
AFOSR 68-0165
AFOSR 68-0166

HIRSCH P B
AFOSR 67-1158

HIRSCH R
ARL 68-1449W

HIRST E A
AFOSR 68-1568

HIRTH J P
ARL 67-0262V

HIRTHE W M
ARL 67-0250W
ARL 67-1148D
ARL 67-1149G
ARL 67-1150D
ARL 68-0069U
ARL 68-1142M
ARL 68-1150H

HIRTHER W W
ARL 67-0269W

HISATSUNE I C
AFOSR 67-0540
AFOSR 67-0541

HITCH T F
AFOSR 68-2386

HITSCHFELD W
AFCRL 67-0657

HIXSON E L
AFOSR 67-1964
AFOSR 68-0879

HJALMARSON A
AFCRL 67-0644

HO C M
AFOSR 68-1239

HO J C
AFOSR 67-0160

HO S Y
AFOSR 67-0637

HOBART R H
AFOSR 68-0413
AFOSR 68-1101
AFOSR 68-1475

HOBBY C R
AFOSR 68-0325

HOBSON M C
AFOSR 67-0698

HOBSON M C JR
AFOSR 67-0923
AFOSR 67-2472
AFOSR 67-2473
AFOSR 68-1885
AFOSR 68-2774

HOCHLE U T
AFOSR 67-1203

HOCHLI U T
AFOSR 68-000

HOCKEN H
AFOSR 68-1152

HOCKNEY R W
AFCRL 67-1794
AFOSR 68-1117

HODBY J W
AFOSR 68-0177

HODGES J L JR
AFOSR 68-0249

HODNETT P F
ARL 68-00 [illegible]
ARL 68-011[illegible]

HOEFFDING W
AFOSR 67-0681

HOFF N
ARL 67-0236U
ARL 68-1191B

HOFF N J
AFOSR 67-1981
AFOSR 67-2787
AFOSR 68-0671

HOFFMAN J E JR
AFCRL 67-0049
AFCRL 68-0401

HOFFMAN M L
AFOSR 68-1420

HOFFMAN M Z
AFOSR 68-2605

HOFFMANN M
AFOSR 67-0651

HOFHEINZ R JR
AFOSR 68-1414

HOGAN J E
AFCRL 68-0014

HOGAN J G
AFCRL 68-0589

HOGFELDT E
AFOSR 67-1292

HOGG R G
AFOSR 67-1757

HOGG R V
AFOSR 67-1012

HOGLUND G
AFOSR 67-090R
AFOSR 68-0696

HOHNSTREITER G F
AFOSR 68-0614

HOKFELT T
AFOSR 67-0870

HOKSCH O J JR
ARL 67-10031

HOLDEN M S
ARL 67-0118U
ARL 68-10018

HOLDEN S J
ARL 67-0272U
ARL 68-0237W
ARL 68-13778

HOLLANDER G J
AFOSR 67-1488

HOLLIS H L
AFOSR 67-1029

HOLLISTER D D
ARL 68-1182W

HOLLWEG J V
AFCRL 67-0228
AFCRL 67-0500

HOLM J D
AFOSR 67-1645
AFOSR 67-1654

HOLMAN W J III
AFOSR 68-2550

HOLMES C H
AFCRL 67-0206
AFCRL 68-0187
AFCRL 68-0271

HOLMES J R
AFOSR 68-0969

HOLMES L
AFOSR 68-1462
AFOSR 68-1473
AFOSR 68-2743

HOLMES O A
AFOSR 67-2286
AFOSR 68-0108
AFOSR 68-2105

HOLMSTROM B
AFOSR 68-1461
AFOSR 68-1470

HOLMSTROM R
AFOSR 67-2086

HOLOIEN E
AFOSR 67-0199
AFOSR 67-1308

HOLONYAK N
AFCRL 67-0056
AFCRL 67-0292

HOLSHOUSER D F
AFOSR 68-0266

HOLT F S
AFCRL 67-0241
AFCRL 67-0501

HOLTON W C
AFOSR 68-0542
AFOSR 68-0956
AFOSR 68-1876

HOLTZ C O
AFCRL 68-0305

HOLVERSON E L
AFOSR 68-0609

HOLYOAK B
AFOSR 67-0261

HOLZMAN M
ARL 68-0203U

HOLZNER B
AFOSR 68-1893

HOMANN P W
AFOSR 68-0492
AFOSR 68-0496

HOMER E D
AFOSR 67-1880
AFOSR 68-0095
AFUSR 68-2188

HONG S K
AFOSR 68-0908

HONIG H E
AFCRL 67-0451

HONSBERG U
AFOSR 67-1078

HONSBERG W
AFOSR 67-1078

HOOK H E
ARL 67-0242V

HOOKER M P
ARL 67-0153V
ARL 68-0042W
ARL 68-0087W
ARL 68-0219U
ARL 68-0220U
ARL 68-0318W
ARL 68-11978
ARL 68-12208
ARL 68-12218

HOOVER G M
AFCRL 68-0007

HOPCROFT J
AFCRL 67-0495
AFCRL 67-0538
AFCRL 68-0081
AFCRL 68-0159

HOPKINS R A
ARL 68-0091W
ARL 68-0348W

HOPPMANN R F
ARL 68-0126W

HOPROOD F W
AFCRL 67-0186

HORCH K W
AFOSR 67-1150

HORMANDER L
-AFOSR 68-1104

HOROSHKO R N
AFOSR 68-0595

HOROWITZ I M
AFAL 67-0221

HOROWITZ L
AFOSR 67-0276

HORROCKS W D JR
AFOSR 67-0233
AFOSR 67-0234
AFOSR 67-0235
AFOSR 67-0236
AFOSR 67-2796
AFOSR 67-2797
AFOSR 68-2624

MORTON G K
AFOSR 67-0055
AFOSR 67-0057
AFOSR 67-1651
AFOSR 67-1783
AFOSR 68-0053
AFOSR 68-1506

MORTON R D
AFOSR 67-1767
AFOSR 68-1266

MORTON W M
AFOSR 67-1259
AFOSR 67-1269
AFOSR 67-1441
AFOSR 67-1588
AFOSR 68-1194

MORTON W S
AFOSR 67-0555

MORVATH J J
AFCRL 68-0383

MORWITZ G
AFOSR 67-1152
AFOSR 68-1047
AFOSR 68-1071
AFOSR 69-1963
AFOSR 68-2452

MORWITZ L
AFOSR 67-0271
AFOSR 67-0273

MORWITZ L B
AFOSR 68-2112

MORWITZ L P
AFOSR 68-0836
AFOSR 68-2738

MOSMAN J
AFOSR 68-2203
AFOSR 68-2554

MOUBOLT J C
AFOSR 68-0032

MOULT D P
AFOSR 67-1626
AFOSR 68-0737
AFOSR 68-1597

MOUMINEH Z
AFCRL 67-0355
AFCRL 68-0316

MOUSE H O
AFOSR 67-1423
AFOSR 67-1427
AFOSR 67-1428
AFOSR 67-1429
AFOSR 67-1431
AFOSR 67-1432
AFOSR 67-1433
AFOSR 67-1434
AFOSR 67-1435
AFOSR 67-2678
AFOSR 67-2679
AFOSR 68-2485
AFOSR 68-2486
AFOSR 68-2487
AFOSR 68-2491
AFOSR 68-2677

MOUSE R A
ARL 68-0251V

MOUSTON J M
AFCRL 68-0056

MOWARD F F
AFATL 67-0015

MOWARD H C
AFOSR 67-1188

MOWARD H T
AFOSR 68-2889

MOWARD J P
AFCRL 68-0366

MOWARD J H
AFCRL 67-0830

MOWARD J N
AFCRL 67-0266

MOWARD W G
AFOSR 68-1171

MOWARTH O W
AFOSR 68-0349

MOWE A B
AFOSR 68-1607

MOWE J A M
AFOSR 68-1212

MOWELL W C
AFOSR 67-2494

MOWLAND B
AFOSR 67-0871

MOWLAND H C
AFOSR 67-0871
AFOSR 68-2150

MOWLETT P W
AFOSR 68-0928

MOWLETT L C
AFCRL 68-0065
AFCRL 68-0538

MOWSON A C
AFOSR 67-1990

MOY R H
AFOSR 67-1344
AFOSR 68-1691

MOYDYSH W
ARL 68-0206U

MREN J J
AFOSR 67-1501

MSIUNG C C
AFOSR 68-1974

MSU H
ARL 68-1440M

MSU S E
AFOSR 67-1484

MSU S K
AFOSR 67-1935

MU L W
AFOSR 67-2836
AFOSR 67-2837
AFOSR 67-2838
AFOSR 67-2839

MU P N
AFOSR 68-0837
AFOSR 68-0845
AFOSR 68-1230
AFOSR 68-2551

MU S T
AFOSR 67-0249
AFOSR 68-2318

MUANG C Y
AFOSR 68-1459

MUANG N C
AFOSR 67-0856
AFOSR 67-1811
AFOSR 67-2652
AFOSR 68-0469
AFOSR 68-1959

MUANG S
AFOSR 67-1770

MUBOARD E W
AFOSR 67-0999
AFOSR 67-1258

MUBOARD W B
AFOSR 67-1136

MUHER A
AFOSR 67-1385

MUDICK M G
ARL 67-1147B
ARL 68-1149J

MUDSON J R
AFOSR 68-2386

MUDSON J P
ARL 67-0124T

MUDSON P D
AFOSR 67-2732
AFOSR 68-2074

MUELSMAN L P
AFOSR 68-0942

MUFFMAN D R
AFOSR 67-0237
AFOSR 67-1753

MUFFMAN R E
AFCRL 67-0109

MUFFSTUTLER R G
AFOSR 67-0297
AFOSR 68-1258
AFOSR 68-2752

MUG W F
ARL 67-0218U

MUGELMAN R D
ARL 68-1252A
ARL 68-1473A

MUGHES B M
ARL 67-1016I
ARL 67-1102A
ARL 67-1106A
ARL 67-1126A
ARL 67-1128A
ARL 67-1132A
ARL 67-1247A
ARL 68-0195V
ARL 68-0317V
ARL 68-0326V
ARL 68-1041A
ARL 68-1052A
ARL 68-1053A
ARL 68-1080A
ARL 68-1121L
ARL 68-1122G
ARL 68-1218A

MUGHES D E
AFOSR 68-2298

MUGHES L
AFOSR 67-0022
AFOSR 68-2777

MUGHES P C
AFOSR 68-2427

MUGHES V W
AFOSR 68-1096
AFOSR 68-1844
AFOSR 68-2066
AFOSR 68-2309
AFOSR 68-2415

MULL A J
AFOSR 67-1822

MULL D G
AFOSR 67-1598

MULL G W
AFOSR 67-1616

MULL T E
AFOSR 68-0011
AFOSR 68-0712

MUNERWADEL J L
AFCRL 68-0585

MUNG R J
AFOSR 67-2437

MUNT C C
AFOSR 67-0204

MUNT E W
AFOSR 68-0818
AFOSR 68-0825
AFOSR 68-0948
AFOSR 68-1299

MUNT R L
AFOSR 67-0241

MUNT W E
AFOSR 68-0897
AFOSR 68-0904

MUNTEN D M
AFCRL 68-0500

MUNTER A M
AFCRL 67-0284
AFCRL 68-0424

MUNTER T F
AFCRL 67-0676

MUNTEN W L
ARL 68-1041A

MURKAMP A
AFCRL 67-0162

MURST C A
AFOSR 67-1479
AFOSR 68-1619

MUNST R P
AFOSR 67-0310
AFOSR 67-0803
AFOSR 67-1556
AFOSR 68-0119
AFOSR 68-2068

MURT N
AFOSR 67-2186

MUSAIN S A
AFOSR 67-0317
AFOSR 67-1383
AFOSR 68-2474

MWA R C
AFOSR 67-0239

MWANG C L
AFOSR 67-1865
AFOSR 67-2022
AFOSR 68-0598
AFOSR 68-0726

MWANG U P
AFOSR 68-0598
AFOSR 68-0726

HYATT J S
AFCRL 67-0505

HYDE R G
AFOSR 67-2710

HYDEN H
AFOSR 67-1690
AFOSR 68-0811

HYDER A H
ARL 68-1207A

HYDER A K
ARL 67-1034A
ARL 67-1037A
ARL 67-1265L

HYDER A K JR
ARL 67-0111V
ARL 67-0168T
ARL 67-0182V
ARL 68-0012V
ARL 68-0148V

HYGH E H
AFOSR 68-0568
AFOSR 68-0591

HYMAN H
AFOSR 67-2617

HYMAN J JR
AFOSR 67-1142

IACAVAZZI C
ARL 68-1111D

IHARRA O H
AFOSR 68-2104

IBBERSON V J
AFOSR 68-1179
AFOSR 68-1274

IEDA M
AFOSR 67-2182

IGIUNI A
AFCRL 67-0493

IITZUKA K
AFCRL 68-0049

INCE W J
AFCRL 67-0253

INFANTE E F
AFOSR 67-2474

INGOLD J H
AFAL 67-0051

INKELES A
AFOSR 67-2205
AFOSR 67-2206
AFOSR 68-1487

INMAN M C
AFOSR 67-1577
AFOSR 68-2658

INNES F R
AFCRL 67-0040

INSELBERG A
AFOSR 68-2400

INSKEEP W H
AFOSR 68-1321

INZANI P
AFCRL 67-0493

IP J K K
AFOSR 68-0790

IPATOVA I P
AFOSR 68-0921
AFOSR 68-0923

IPPEN E P
AFOSR 67-0345
AFOSR 68-0083

IQBAL Z
AFOSR 68-0613

IRALDI A P
AFOSR 67-1104

IRELAND C T
AFOSR 68-1427
AFOSR 68-2277

IRELAND D T
AFOSR 67-1499
AFOSR 68-1135

IRELAND F H
AMRL 67-0102
AMRL 67-0103

ISAACSON R A
ARL 68-0125V

ISACKS R
AFCRL 68-0162
AFCRL 68-0623

ISHIDA S
AFOSR 67-2239
AFOSR 67-2520
AFOSR 68-2749

ISHIKAWA M
AFOSR 67-0208
AFOSR 67-2376
AFOSR 67-2377
AFOSR 68-1157

ISHIMARU A
AFCRL 67-0325
AFCRL 67-0383
AFCRL 68-0327
AFCRL 68-0333
AFCRL 68-0433

ISRAEL W
ARL 67-1333M

ITURRIAGA R
AFOSR 67-2207
AFOSR 67-2400

IVANOFF D N
DHA 67-0004

IVES D C
AFOSR 67-1512

IWASA Y
AFOSR 67-0693
AFOSR 67-2250

IWASAKI M
AFOSR 67-0275
AFOSR 67-0276

IWNS R P
AFOSR 67-0298

JACKEL G S
AFOSR 68-1950

JACKENDOFF R S
AFCRL 68-0032

JACKMIN L M
AFOSR 67-2760

JACKSON A G
ARL 67-0075V
ARL 67-0153V
ARL 67-1092B
ARL 68-0042W
ARL 68-0087W
ARL 68-0194U
ARL 68-0219U
ARL 68-0220U
ARL 68-0318W
ARL 68-1197B
ARL 68-1220W
ARL 68-1221A
ARL 68-1226A

JACKSON C L
AFCRL 67-0463

JACKSON D
AFOSR 68-1272
AFOSR 68-1275

JACKSON E K
AFOSR 67-0833

JACKSON J E
AFOSR 67-0569
AFOSR 67-1773

JACKSON J P
AFCRL 67-0372

JACKSON P L
AFOSR 67-2152
AFOSR 67-2773

JACKSON R A
ARL 67-1168N

JACKSON W R
AFOSR 68-2300

JACOB J P
AFOSR 67-0338
AFOSR 67-0343
AFOSR 67-0346

JACOB N
AFOSR 67-0012

JACOBI N
AFCRL 68-0115

JACOBS L E
AFOSR 68-0033

JACOBS M Q
AFOSR 67-2426
AFOSR 68-0161

JACOBS P F
ARL 67-0244W

JACOBSEN R T
AFOSR 67-2300

JACOBSON H C
AFCRL 67-0612

JACOBUS J
AFOSR 67-0680
AFOSR 67-2624
AFOSR 68-1489
AFOSR 68-1490
AFOSR 68-2497
AFOSR 68-2499

JAFFE A M
AFOSR 67-1557
AFOSR 68-1264

JAFFEE J H
AFCRL 68-0490

JAHOF J
AFOSR 67-0871

JAHODA G
AFOSR 68-1238

JAIN N C
AFOSR 67-1271
AFOSR 67-1858

JAMISON B N
AFOSR 67-1858
AFOSR 67-1860

JANES D L
AFOSR 67-0713

JANES G S
AFOSR 68-0348
AFOSR 68-1377
AFOSR 68-1939

JANIS A I
ARL 67-0053U

JANNONE J
AFOSR 67-2000

JANZ G J
AFOSR 67-2706

JANZEN E G
AFOSR 67-1283
AFOSR 68-0409
AFOSR 68-2867
AFOSR 68-2868
AFOSR 68-2873
AFOSR 68-2874

JARMUZ P J
AFOSR 68-1358

JARRE G
AFOSR 68-1744
AFOSR 68-1745
AFOSR 68-1771

JARRETT S M
AFOSR 67-1124

JASINSKI R
AFCRL 68-0492

JASPERSE J R
AFCRL 67-0165
AFCRL 67-0222
AFCRL 67-0673

JAUNCEY D L
AFOSR 67-2610
AFOSR 68-1025
AFOSR 68-1087
AFOSR 68-2008

JAUNZEMIS V
AFOSR 68-0109
AFOSR 68-1602
AFOSR 68-2224

JAUVTIS M
AFCRL 67-0205

JAUVTIS M I
AFCRL 67-0206

JAYACHANDRAN K
ARL 68-1251A
ARL 68-1465A

JEANNEROD M
AFOSR 67-2560

JEFFERIES J T
AFCRL 68-0295

JEFFERS W A JR
AFOSR 67-1452

JEPPENS W Q
AFOSR 68-2828
AFOSR 68-2855
AFOSR 68-2865

JELLY D
AFOSR 68-1054

JELSMA L F
AFOSR 67-0425

JEN N C
AFOSR 68-2639

JENKINS A E
AFOSR 68-1148

JENKINS H
AFOSR 68-0251
AFOSR 68-0256
AFOSR 68-2227
AFOSR 68-2240

JENNINGS D M
AFOSR 68-2857

JENNINGS K
ARL 68-1047N

JENNINGS K R
ARL 67-1167N

JENSEN B
AFOSR 68-0898

JENSEN D C
AFCRL 67-0105
AFCRL 67-0135

JENSEN E
AFCRL 67-0508

JENSEN N A
AFOSR 67-1875
AFOSR 67-1876

JERISON M J
AFOSR 67-1941
AFOSR 67-1950
AFOSR 67-1951

JERMAKIAN A
AFOSR 67-0991

JERNIGAN R L
AFOSR 68-0260
AFOSR 68-1697
AFOSR 68-2077
AFOSR 68-2430

JEROME COHEN J
AFCRL 68-0447

JESSE K E
ARL 67-1250L

JETTE A N
AFOSR 67-2674
AFOSR 68-0144

JHA S
AFOSR 67-2598

JIMENEZ C N
AFCRL 68-0377
AFCRL 68-0502

JINDAL R K
AFOSR 68-1515

JISCHKE M C
AFOSR 68-1862

JOACHAIN C J
AFOSR 67-0647

AFOSR 67-0646
AFOSR 67-2278
AFOSR 67-2281

JOHE J D
AFOSR 68-1063
AFOSR 68-1128

JOBES F C
AFOSR 67-0611
AFOSR 67-2211
AFOSR 68-0480

JOCOBUS J
AFOSR 68-2835

JOEL M A
AFOSR 67-1985

JOHANSSON G
AFOSR 67-1310

JOHN J
AFOSR 68-0900

JOHNS M V JR
ARL 68-0207U

JOHNSEN E C
AFOSR 67-2334

JOHNSON A
AFOSR 67-1961

JOHNSON C U
AFOSR 68-2763

JOHNSON C E
AFOSR 68-1844

JOHNSON C J
AFOSR 68-2446
AFOSR 68-2865

JOHNSON D E
AFOSR 67-1658
ARL 68-0248W

JOHNSON D G
AFOSR 67-0502

JOHNSON F G
ARL 67-1226L
ARL 68-1227A

JOHNSON J N
AFOSR 68-1005
AFOSR 68-1113
AFOSR 68-1134

JOHNSON L R
AFOSR 68-1465

JOHNSON M R
AFCRL 67-0056

JOHNSON N J
AFOSR 67-1696
AFOSR 68-0861

JOHNSON N L
AFOSR 67-0406
AFOSR 67-0682
AFOSR 67-0683
AFOSR 68-0793
AFOSR 68-[illegible]

JOHNSON P M
AFOSR 68-1761

JOHNSON R H
AFCRL 68-0382

JOHNSON R W
AFOSR 67-1259

AFOSR 67-1461

JOHNSON T H
AFOSR 67-2401

JOHNSTON D D
AFOSR 67-2811

JOHNSTON F J
AFOSR 67-1283

JOHNSTON J P
AFOSR 67-0420
AFOSR 67-2050

JOHNSTON T W
AFCRL 68-0415

JOHNSTON W A
AFOSR 67-1400
AFOSR 67-2298
AFOSR 67-2494

JOKIPII J R
AFOSR 67-0190
AFOSR 67-1723

JOLLY R K
AFOSR 67-2193

JONA F
AFOSR 67-2698
AFOSR 67-2761
AFOSR 68-0332

JONA F P
AFOSR 67-0508
AFOSR 68-2887

JONASON J
AFOSR 68-0604
AFOSR 68-2712

JONES C E
AFOSR 67-1195

JONES D L
AFOSR 68-1321

JONES D S
AFOSR 68-0013

JONES E K
AFOSR 67-0533

JONES E R
AFOSR 67-2475

JONES F S
AFCRL 67-0035
AFCRL 67-0209

JONES H F
AFOSR 67-1843
AFOSR 67-1704

JONES H R
AFOSR 68-0824

JONES K M
AFOSR 68-1118

JONES L B
AFOSR 67-0094

JONES M M
AFOSR 67-2807
AFOSR 67-2811
AFOSR 67-2828
AFOSR 67-2832

JONES R W
AFCRL 67-0028
AFCRL 67-0106

JONES R
ARL 68-1371N

JONES R H
AFOSR 67-0789
AFOSR 68-1338
AFOSR 68-1541
AFOSR 68-1639

JONES R V
AFCRL 67-0037
AFCRL 68-0814

JONES R W
ARL 68-1166N

JORDAN A K
AFCRL 67-0473
AFCRL 68-0037
AFCRL 68-0038
AFCRL 68-0226

JORDAN P
ARL 67-0122U

JORTNER J
AFOSR 68-0111
AFOSR 68-1977
AFOSR 68-2004
AFOSR 68-2391
AFOSR 68-2483
AFOSR 68-2850

JORTNER O
AFOSR 67-1671

JOSEF R
ARL 68-0108U

JOSHI V M
AFOSR 67-2346

JOSHUA M
AFOSR 68-2495

JOSS W W
ARL 68-1000B
ARL 68-1112B

JOST J M
ARL 67-0149U

JOST J R
ARL 68-0153U

JOUVET M
AFOSR 67-0368
AFOSR 67-0497
AFOSR 67-0498
AFOSR 67-2559
AFOSR 67-2561
AFOSR 67-2562
AFOSR 67-2563
AFOSR 67-2564
AFOSR 68-0523

JOUVET-MOUNIER D
AFOSR 67-0496

JU F D
AFOSR 68-0891
AFOSR 68-1769
AFOSR 68-2418

JUDD B R
AFOSR 68-2247
AFOSR 68-2651

JUGAKU J
AFOSR 68-0990

JULA T F
AFOSR 68-1884

JULIAN B R
AFOSR 68-1449

JULIAN G M
AFOSR 67-2598

JUNG-SEN W
AFCRL 68-0278

JURCH G R JR
AFOSR 67-0220

JURY E I
AFOSR 68-1798
AFOSR 68-2310
AFOSR 68-2393
AFOSR 68-2444
AFOSR 68-2459
AFOSR 68-2535

JUSTUS C G
AFCRL 68-0309

KACMAREK A J
AFOSR 67-1987

KACPRZYNSKI J J
AFOSR 68-0517

KACZMARCZYK A
AFOSR 68-1726
AFOSR 68-1728

KADO H T
AFOSR 67-1051
AFOSR 67-1857
AFOSR 67-1881
AFOSR 67-2585
AFOSR 68-0833
AFOSR 68-1653
AFOSR 68-2713

KAFAFIAN H
AFCRL 67-0467

KAGIWADA H
AFOSR 68-0423

KAGIWADA R
AFOSR 68-0423

KAHAN T
AFOSR 68-2010

KAHLE D A
AFCRL 67-0420

KAHN B
ARL 67-0009U

KAHN F D
AFOSR 68-2037

KAHN N
AFUSR 68-2700

KAHN W
ARL 68-0210U

KAHN W K
AFOSR 67-0232
AFUSR 67-0465
AFOSR 67-0485
AFOSR 67-1791

KAHNEMAN D
AFOSR 67-1826
AFOSR 67-2234

KAILATH T
AFOSR 67-0772
AFOSR 67-1044
AFOSR 67-1048
AFOSR 67-1700
AFOSR 68-0163
AFOSR 68-1973
AFOSR 68-2261

KAISER C
AFOSR 68-2170

KAISER G D
AFOSR 68-0746

KAISER J E
AFOSR 68-0988

KALAGHAN P M
AFCRL 67-0409

KALER J B
ARL 68-0294V

KALER J M
ARL 68-0200V

KALIL R
AFOSR 67-1234

KALLEN G
AFOSR 67-1527
AFOSR 67-1539

KALLIANPUR G
AFOSR 68-2818

KALLICK M
AFOSR 68-1584
AFOSR 68-1623

KALMAN R E
AFOSR 67-1376
AFOSR 67-1469
AFOSR 67-2388

KALSEH S C
AFOSR 67-2105
AFOSR 67-2106
AFOSR 67-2120

KAMATA K
AFOSR 68-2858
AFOSR 68-2860
AFOSR 68-2866

KAMEL M M
AFOSR 67-1028

KAMLET A S
AFOSR 67-1815

KAMMANN R
AFOSR 67-2233

KAMMERER W
AFCRL 67-0633

KANAMORI H
AFOSR 67-0879
AFOSR 67-2084

KANE J
AFCRL 67-0172

KANEKO A
AFOSR 67-2604
AFOSR 68-2707

KANEKO T
AFOSR 68-2113

KANG S W
ARL 67-0049U

KANGEDAL B
AFCRL 68-0552

KANNEWURF C R
AFOSR 67-0786

KANTOR A J
AFCRL 67-0232
AFCRL 68-0269
AFCRL 68-0630

KAPLAN C
AFOSR 67-1346

KAPLAN D E
AFCRL 68-0473
AFOSR 67-1972

KAPLAN J
AFCRL 67-0460

KAPLAN K R
AFCRL 67-0819

KAPLAN L M
AFOSR 68-1006

KAPLAN N
AFOSR 68-0388

KAPLAN N O
AFOSR 67-0266
AFOSR 67-0886
AFOSR 67-0887
AFOSR 67-1462

KAPRIELIAN Z
AFOSR 67-1967

KARAL F C
AFCRL 68-0084

KARAL F C JR
AFCRL 67-0073
AFCRL 67-0519

KARAS N V
AFCRL 67-0132
AFCRL 68-0132

KARASZ F E
AFOSR 68-2514
AFOSR 68-2515

KARGE N
AFOSR 67-0506

KARJALA D S
AFCRL 67-0192

KARLIN S
AFOSR 67-2651

KARLOVITZ L A
AFOSR 68-2785

KARLSSON A V
AFOSR 68-1540

KARNI Z
AFOSR 68-1621
AFOSR 68-1703

KARNOPP D C
AFOSR 68-0242

KARNS J M L
SNL 68-0001

KARP S N
AFCRL 67-0073
AFCRL 67-0519
AFCRL 68-0084

KARPLUS M
AFOSR 68-0397
AFOSR 68-0398

KARPLUS R
AFOSR 67-1442

KARRER E T
AFOSR 67-1919

KARVONEN M J
AFOSR 67-2267
AFOSR 67-2268
AFOSR 67-2273

KASPVICH R B
AFCRL 68-0087

KASHIHARA T K
AFCRL 67-0317

KASHIWAGI V
AFOSR 67-1260
AFOSR 68-0301

KASHY E
ANL 68-1094N

KASPER J S
AFOSR 68-0342

KASS S
AFOSR 67-0123
AFOSR 68-0878

KASSOY D R
AFOSR 67-2061
AFOSR 67-2065
AFOSR 68-2825
AFOSR 68-2829

KASTRUP H A
AFOSR 67-1192

KATCHALSKI E
AFOSR 67-1208
AFOSR 67-2028

KATCHALSKY A
AFOSR 68-0797

KATHLEEN C TAYLOR K C
AFOSR 68-0655

KATO T
AFOSR 67-2353
AFOSR 68-0610
AFOSR 68-0650

KATTAWAR G W
AFCRL 67-0120
AFCRL 67-0421
AFCRL 67-0428
AFCRL 67-0450
AFCRL 67-0569
AFCRL 67-0570
AFCRL 68-0367

KATZ G
AFOSR 67-0051

KATZ M
AFOSR 67-1015

KATZ S
AFOSR 67-2228
AFOSR 67-2723
AFOSR 68-0639

KATZMAN M
[illegible] 68-1306

KAUFMAN F
AFCRL [illegible]

KAUFMAN H
AFOSR 67-1339

KAUFMAN L
AFCRL 67-0004
AFCRL 67-0290
AFCRL 67-0525
AFCRL 68-0109

KAUFMAN L G II
ARL 68-0214T

KAUFMANN P E
AFOSR 67-0875

KAUGARS G
AFOSR 67-0089

KAURI T
AFOSR 67-0105

KAUTZ W H
AFCRL 67-0463
AFCRL 68-0002
AFCRL 68-0005
AFOSR 68-0590

KAVAN E M
AFOSR 67-2107

KAWAMURA H
AFOSR 67-0557
AFOSR 68-2708

KAWATRA M P
AFOSR 68-0970

KAY I W
AFCRL 67-0486

KAYE M
AFOSR 68-0482

KAYS T H
AFCRL 67-0224
AFCRL 68-022

KAYSEN B J
AFOSR 67-0880

KEER L M
AFOSR 67-1908
AFOSR 68-2289

KEFFER F
AFOSR 68-0802

KEGEL G H R
AFCRL 67-0227
AFCRL 67-0595
AFCRL 67-0596

KEILY D P
AFCRL 68-0410

KEIR R A
AFOSR 68-1520

KEITER R L
AFOSR 67-1424
AFOSR 67-1613

KEITH J E
AFOSR 68-0716

KEITH J M
AFOSR 67-1991

KELEMEN J
AFOSR 67-1417
AFOSR 68-1988

KELLEHER R F
AFCRL 68-0424

KELLEN P
AFCRL 67-0117

KELLER C
ARL 67-1258L

KELLER C L
ARL 68-1279L
ARL 68-1281L

KELLER E C JR
AFOSR 68-2327
AFOSR 68-2328

KELLER J A
AFOSR 67-1901
AFOSR 68-0034

KELLER J B
AFCRL 67-0618
AFCRL 67-0619

KELLER M R
ARL 68-13880
ARL 68-13940
ARL 68-13950

KELLERMANN K I
AFOSR 67-2610
AFOSR 68-2008

KELLETT B M
AFOSR 67-2802

KELLEY M J
AFOSR 68-1537

KELLEY M J
AFOSR 67-1340

KELLEY R G
AFCRL 68-0341

KELLY E F
AFCRL 67-0017

KELLY G V
AFOSR 67-0975

KELLY M
AFOSR 67-2105

KELLY T W
AFCRL 68-0097

KELMAN M
AFOSR 68-2164

KELMAN M C
AFOSR 68-1625

KELVINGTON E
AFOSR 67-2105

KEMP J C
AFOSR 68-0451
AFOSR 68-1705
AFOSR 68-1706

KEMP M B
AFOSR 67-1034

KEMPNER J
AFOSR 67-0931
AFOSR 67-2067
AFOSR 67-2583

KENAN R P
AFOSR 67-0082
AFOSR 68-0414
AFOSR 68-0855

KENDALL P C
AFCRL 68-0172
AFCRL 68-0645

KENDZIORSKI F R
AWL 67-1036A

KENFSHEA T J
AFCRL 67-0221

KENIG M J
AFOSR 67-0655
AFOSR 67-2467

KENNAUGH E N
AFCRL 67-0329

KENNEDY D
AFOSR 67-0867

KENNEDY D P
AFCRL 68-0246
AFCRL 68-0864

KENNEDY J E
ARL 67-0018U

KENNEDY O B JR
AFCRL 68-0383

KENNEL C F
AFOSR 67-0213

KENNETH N R
AFOSR 67-1994

KENNEY J F
AFCRL 67-0099

KENNY J J
AFOSR 68-1081

KENNY N
AFOSR 67-0786

KENT G
AFOSR 67-0988
AFOSR 68-0838
AFOSR 68-0836
AFOSR 68-2609

KEOWN R
AFOSR 68-2856

KEPES J J
ARL 68-0312V
ARL 68-1198L
ARL 68-1203A
ARL 68-1345A
ARL 68-14588

KERER G
AFOSR 67-0151

KERNOZIS N P
AFCRL 67-0142

KERR A D
AFCRL 67-0345
AFCRL 67-0611
AFOSR 67-1308
AFOSR 67-1580
AFOSR 67-2794
AFOSR 68-0153
AFOSR 68-2419

KERR J A
AFOSR 67-2043

KERR O E
AFCRL 68-0052

KERR P F
AFCRL 67-0234

KERWIN W J
AFOSR 68-0942

KESLER O O
AFOSR 67-1408

KESSEL U C
AFOSR 67-1137
AFOSR 67-1138

KESSEMEIER H
AFOSR 67-1416

KESTENBAUM A
AFOSR 67-1517

KESTIGIAN M
AFCRL 68-0449

KESTIN J
ARL 67-0290W

KEVAN L
ARL 67-1186N
ARL 68-1236A
ARL 68-1239N

KEVANE C J
AFOSR 67-2649
AFOSR 68-0609

KEVORKIAN J
AFOSR 67-0782
AFOSR 67-0783
AFOSR 68-0340
AFOSR 68-2797

KEYES M
AFOSR 68-2705

KEYSER S J
AFCRL 67-0305
AFCRL 67-0316
AFCRL 68-0032

KHARE B N
AFOSR 67-2040
AFOSR 67-2041

KHORANA B M
AFOSR 67-1772

KIANG Y C
AFCRL 67-0194

KIBBLE B P
AFOSR 67-0660
AFOSR 67-1129
AFOSR 67-2675
AFOSR 68-0162
AFOSR 68-1767

KIBBLE T W B
AFOSR 67-0472
AFOSR 67-1599
AFOSR 67-1750

KICE J L
AFOSR 67-0031
AFOSR 67-0074
AFOSR 67-0075
AFOSR 67-0117
AFOSR 67-0247
AFOSR 67-1614
AFOSR 67-2010
AFOSR 67-2192
AFOSR 68-0711
AFOSR 68-2069

KIDDER J N
AFOSR 67-1709
AFOSR 68-0150

KIEBURTZ B R
AFCRL 67-0440

KIEBURTZ R H
AFCRL 67-0389

KIEFER H
AFOSR 67-0219
AFOSR 67-0459
AFOSR 68-0436

KIEFFER P C
ARL 67-0046T

KIENLE
AFOSR 67-2860

KIER R J
AFOSR 67-0809

KIESL W
AFOSR 68-1999

KIEWIT D A
AFOSR 67-1183
AFOSR 68-0800

KIMURA D H
ARL 68-0019U

KILINSKI RICHARD S
AFCRL 67-0156

KILMER W L
AFOSR 67-0928
AFOSR 68-0817
AFOSR 68-2187
AFOSR 68-2319
AFOSR 68-2603
AFOSR 68-2642

KIM D J
AFOSR 67-1881
AFOSR 68-0021
AFOSR 68-0589
AFOSR 68-1023
AFOSR 68-1457

KIM H
AFOSR 68-1628

KIM H T
AFOSR 68-0383

KIM J S
AFOSR 67-1670

KIM K C
AFOSR 68-2148

KIM K S
AFCRL 67-0259
AFCRL 67-0465

KIM Y B
AFOSR 67-1741

KIM Y C
AFOSR 68-0470
AFOSR 68-1551
AFOSR 68-1958

KIM Y W
AFOSR 67-2361
AFOSR 68-1930

KIMBLE D P
AFOSR 68-2208

KIMEL S
AFCRL 67-0641
AFCRL 68-0490

KIMERLING L C
ARL 68-1157N

KINARIWALA M K
AFOSR 68-2085

KINDLEY W R
AFOSR 68-1322

KINDLMANN P J
AFOSR 67-0309
AFOSR 67-2617
AFOSR 68-1061

KINEYKO W R
AFOSR 68-0254

KING C Y
AFOSR 68-1451

KING E H
AFOSR 67-0318

KING J T
AFCRL 68-0198

KING J W
AFOSR 68-2854

KING O C
AFCRL 67-0413

KING W H
AFOSR 67-0598
AFOSR 67-0599
AFOSR 67-0600
AFOSR 67-0601
AFOSR 67-0602
AFOSR 67-0603
AFOSR 67-0604
AFOSR 67-1573
AFOSR 67-1601
AFOSR 68-0343
AFOSR 68-0687
AFOSR 68-0691
AFOSR 68-0692
AFOSR 68-0693
AFOSR 68-1709
AFOSR 68-1710
AFOSR 68-1711
AFOSR 68-1712

KING R C
AFOSR 68-1582

KING R W P
AFCRL 67-0404
AFCRL 67-0667

KING V V S
AFOSR 67-0954
AFOSR 67-0963

KING W F III
AFCRL 67-0516

KING W J
AFCRL 67-0123

KINGSTON D L
ARL 67-1284A
ARL 68-0233V
ARL 68-0296V
ARL 68-0300
ARL 68-1479A

KINKEAD W K
AFCRL 67-0474
AFCRL 68-003M

KINNARD K
ARL 68-1134N

KINSEY R R
AFCRL 67-0332
AFCRL 68-0254

KINSLOW W C
AMRL 67-0102

KINOVSKY T E
AFOSR 67-0089
AFOSR 67-0090
AFOSR 67-0091
AFOSR 67-1850

KIRCHNER E K
AFCRL 67-0164

KIRCHOFF W L
AFOSR 68-113R

KIRK J C
ARL 67-1144J

KIRK R
AFCRL 67-0316

KIRKPATRICK H A
AFOSR 68-2722

KIRN J P
AFOSR 67-1892

KIRSCH K E
AFOSR 67-1891

KISELMAN C O
AFOSR 67-0264

KISSELL K E
ARL 67-1067A
ARL 67-1068C
ARL 67-1099A
ARL 67-1099A
AHL 67-1325A
ARL 67-1386A
ARL 68-1344A

KITCHENS T A
AFOSR 68-0020

KIWAN A N
AFOSR 67-0146

KIWI M
AFOSR 68-0424

KJAER A
AFOSR 68-1790

KJELDAAS T JR
AFOSR 68-0644

KLAMM C F JR
AFOSR 67-0773

KLASSEN D M
AFOSR 67-2632
AFOSR 68-0927
AFOSR 68-1576

KLATT M M
AFCRL 68-0448
AFCRL 68-0605

KLAUSNER S Z
AFOSR 67-0392

KLAYMAN C S
AFCRL 68-0332

KLEF V
AFOSR 68-2435

KLEIN M L
AFOSR 68-0052

KLEIN S
AFOSR 67-0255

KLEINERT H
AFOSR 67-1786
AFOSR 67-2091
AFOSR 67-2113
AFOSR 67-2134
AFOSR 67-2148
AFOSR 67-2803
AFOSR 67-2804
AFOSR 68-0725

KLEINMAN L
AFOSR 67-2425
AFOSR 67-2504
AFOSR 67-2770
AFOSR 68-0401
AFOSR 68-0874

KLEINMAN R E
AFCRL 67-0360

KLEINROCK L
AFOSR 67-0735

KLEINSTEIN G
AFOSR 67-2168
ARL 67-0080U
ARL 67-0286W
ARL 68-0161U

KLEMENS P G
AFCRL 67-0017

KLEMPNER E M
AFOSR 68-0637

KLINE S J
AFOSR 67-0420
AFOSR 67-0608
AFOSR 67-2047
AFOSR 68-0093
AFOSR 68-0383
AFOSR 68-0648

KLINEBERG J M
AFOSR 67-2448
AFOSR 68-1869

KLOCHIKHIN A A
AFOSR 68-0923

KLOP M
AFOSR 67-1838

KLOPMAN G
AFOSR 67-1733

KLOSE D R
AFCRL 67-0432

KLOSNER J M
AFOSR 68-1550

KLUGE W A
AFOSR 68-2514

KLUIBER R W
AFOSR 67-0234

KNAAP H F P
AFOSR 68-0660

KNAPP A W
AFOSR 67-0263
AFOSR 67-2177

KNAPP D O
AFOSR 68-1803

KNAPP G S
AFOSR 67-1532
AFOSR 67-1678
AFOSR 67-2660

KNIEPER P J
AFOSR 68-0726

KNIGHTLY G H
AFOSR 68-2051

KNOEBEL C
AFOSR 67-0023

KNOFBER M C
AFOSR 68-2411

KNOHL U
AFOSR 68-1155

KNOX R S
AFOSR 67-0745
AFOSR 68-1561

KNUTSON J W JR
AFOSR 67-2629
AFOSR 67-2663

KNYSTAUTAS E J
AFOSR 68-2062

KO M C
AFCRL 67-0226
AFCRL 67-0242
AFCRL 67-0185
AFCRL 67-0558

KOBE D H
AFOSR 67-1244
AFOSR 67-1281
AFOSR 68-1068
AFOSR 68-1130

KOHES B
AFOSR 67-0425
AFOSR 67-1484

KOCH F H
AFOSR 67-1679
AFOSR 68-1872
AFOSR 68-1873

KOCH K R
AFCRL 67-0506
AFCRL 67-0618
AFCRL 68-0158
AFCRL 68-0163
AFCRL 68-0168

KOCHEN M
AFOSR 68-1303
AFOSR 68-1343

KOCHENA J W
AFML 67-0082

KOCHI J K
AFOSR 67-0398
AFOSR 68-2509
AFOSR 68-2510
AFOSR 68-2511
AFOSR 68-2522

KOCK M
AFML 68-0044

KODA T
ARL 67-1286A
ARL 68-0059V
ARL 68-1351A
ARL 69-1375A
ARL AR-1484A

KOEHLER L E
AFCRL 67-0608

KOELBLOED D
AFOSR 67-2198

KOELLA W P
AFOSR 67-1258

KOFFMAN O M
AFCRL 67-0599

KOFFMAN E D
AFOSR 68-0514

KOFSKY I L
AFCRL 64-035R
AFCRL 68-0382

KOGA T
RADC 67-0365

KOHANE T
AFCRL 68-0667

KOHL D A
AFOSR 68-0210

KOHLBERG I
AFOSR 67-1120

KOHN J J
AFOSR 68-2657

KOHN W C
AFOSR 68-1965
AFOSR 68-2073

KOKKEDEE J J J
AFOSR 67-0273

KOLB G
ARL 68-1040N

KOLINSKA J
AFOSR 68-0194
AFOSR 69-0195

KOLLER A
AFOSR 67-0770

KOLLER K
AFOSR 67-1639

KOLMAN O
AFCRL 67-0263

KOLOUCH N J
AFCRL 67-0369

KOLTHOFF I M
AFOSR 67-0218
AFOSR 67-0225
AFOSR 67-1026
AFOSR 67-1209
AFOSR 67-1685
AFOSR 67-2166
AFOSR 67-2853
AFOSR 68-1695
AFOSR 68-1713
AFOSR 69-2210

KOMAN A
AFOSR 67-0147
AFOSR 67-1021
AFOSR 68-0447
AFOSR 68-1976

KOMMANDEUR J
AFCRL 67-0054

KOMY S
AFOSR 67-0700

KONDO K
AFOSR 67-1574

KONHEIM A G
AFOSR 68-0947
AFOSR 68-1319

KONNERT J H
AFOSR 68-2863

KONNO K
AFOSR 67-2520

KONRAD T G
AFCRL 67-0127

KOPAL Z
AFCRL 68-0073

KOPLIK H
AFOSR 67-1082
AFOSR 67-2254
AFOSR 67-2364

KOPP C V
AFOSR 67-2713

KOPP R A
AFCRL 68-0312

KOPP W E
AFOSR 67-1340
AFOSR 67-1377
AFOSR 67-1678
AFOSR 68-1030

KORENMAN V
AFOSR 67-2863

KORENOSKI P T
AFOSR 67-0604

KORFF S A
AFCRL 68-0006

KORKEGI M M
ARL 67-0223T
ARL 67-1063L
ARL 68-0028T
ARL 68-0054V
ARL 68-0080V
ARL 68-0093V
ARL 68-0099T
ARL 68-0214T
ARL 68-1107A

KORMAN K
AFCRL 67-0141
AFCRL 67-0640

KORMAN S
AFOSR 67-2363
AFOSR 68-0787

KORNOFF T
AFCRL 67-0276
AFCRL 68-0328

KORPIUM O
AFOSR 67-2379
AFOSR 67-2413

KORPIUM O
AFOSR 68-2489
AFOSR 68-2496

KORRINGA J
AFOSR 68-0866
AFOSR 68-2866

KORTUM R L
AFCRL 67-0382
AFCRL 68-0631
ARL 68-0248W
ARL 68-1405M
ARL 68-14108
ARL 68-14130

KORVING J
AFOSR 68-0660

KOSOUN F J
AFOSR 67-1302

KOSMOL H O
AFOSR 67-1241
AFOSR 67-1760
AFOSR 68-0909
AFOSR 68-1119
AFOSR 68-1725

KOSIEWICZ J J
ARL 69-0253W
ARL 69-1460M
ARL 68-1461B
ARL 68-1463B

KOSKI W S
AFOSR 67-0752

KOSTER J R
AFCRL 68-0020

KOSTERS J J
AFCRL 68-0334

KOTENA T
AFOSR 68-1028
AFOSR 68-1029

KOTLYAR S M
ARL 67-0068T

KOTZ S
AFOSR 67-0406
AFOSR 68-0793
AFOSR 68-0849
AFOSR 68-2162

KOUNIAS E
AFOSR 67-0327
AFOSR 68-1102

KOVACH R L
AFOSR 67-2108
AFOSR 67-2858

KOVALIK J M
AFCRL 68-0176

KOZONOWICKI E W
AFOSR 68-0038

KOZEMCHAK F B
AFOSR 68-2894

KRA I
AFOSR 67-1362
AFOSR 68-1500

KRAEMER R
AFOSR 67-2324
AFOSR 67-2340

KRAJCINOVIC D P
AFOSR 68-0753

KRAMBECK F J
AFOSR 67-2228
AFOSR 68-0639

KRAMER E A
AFOSR 67-1426

KRAMER I R
AFOSR 68-0371

KRAUS J D
AFCRL 67-0242

KRAUSE L
AFOSR 67-0017
AFOSR 67-0660
AFOSR 67-1129
AFOSR 67-1144
AFOSR 67-2284
AFOSR 67-2609
AFOSR 67-2637
AFOSR 67-2675
AFOSR 68-0162
AFOSR 68-1073
AFOSR 68-1123
AFOSR 68-1768
AFOSR 68-1843

KRAUSE N F JR
AFOSR 68-1262

KRAUTHAMER G
AFOSR 67-0969
AFOSR 67-0970

KREEVOY M M
AFOSR 67-0589

KREITMAN M
ARL 68-0253W
ARL 68-1461B
ARL 68-1462B

KREITMAN M M
ARL 67-1201M
ARL 69-1458B
ARL 68-1463B

KRENSER G
AFOSR 67-1314
AFOSR 68-1336

KRESS K A
AFOSR 68-0920

KRETSCHMER C R
AFOSR 66-1724
ARL 67-1302H

KREY R
ARL 68-1183J

KREY R U
ARL 68-0103U

KRICK M S
AFOSR 67-0989

KRIEGER R S
AFOSR 68-0179

KRIER H
AFOSR 67-1935
AFOSR 68-1792

KRIKORIAN F
AFAL 67-0139
AFCRL 68-0384

KRIKORIAN J S JR
RADC 67-0030

KRIKORIAN K C
AFOSR 67-1009

KRISHNAIAH P
ARL 67 1027A

KRISHNAIAH P R
ARL 67-0044T
ARL 67-0080W
ARL 67-0117V
ARL 67-0166T
ARL 67-0206V
ARL 67-1025A
ARL 67-1026A
ARL 67-1028A
ARL 67-1271E
ARL 68-0169V
ARL 68-0282V
ARL 68-1249A
ARL 68-1250A
ARL 68-1251A
ARL 68-1263A
ARL 68-1264A
ARL 68-1464A
ARL 68-1465A
ARL 68-1466A
ARL 68-1467A
ARL 68-1468A

KRISHNAMURTI T N
AFCRL 67-0128
AFCRL 68-0453
AFCRL 68-0561

KRISHNAN V
AFOSR 67-0463

KRISTENSEN A
AFOSR 67-2264

KRISTIANSEN H
AFOSR 67-0229
AFOSR 67-0817
AFOSR 67-1364
AFOSR 67-2496

KRISTIANSSON K
AFOSR 67-1284

KRISTINSSON H
AFOSR 68-0257
AFOSR 68-0258
AFOSR 68-2854

KRITZ A
ARL 67-0103U

KRITZ A H
AFOSR 67-0067
ARL 67-0150U
ARL 67-0151U
ARL 68-0136U

KROEGER F
ARL 68-0005U

KROEGER F O
ARL 67-1198M
ARL 67-1215G

KROFT D
AFCRL 68-0063

KROGER F A
AFOSR 67-0011
AFOSR 67-1091

KROIN J S
AFOSR 68-2322

KROMMINGA A J
AFOSR 67-2398

KRONZON J
ARL 67-0005U

KRONZON Y
ARL 68-0158W

KROPP J L
ARL 67-1173N

KROY W H
AFOSR 68-0839

KRUEGER T
ARL 67-1061C

KRUEGER T K
ARL 67-0014T
ARL 67-0063V
ARL 67-0125T
ARL 68-0026T
ARL 68-0269V

KRUEGER W R
AFOSR 68-0513

KRUGER C H
AFOSR 68-0625
AFOSR 68-0859

KRUSIUS M
AFOSR 68-1470

KRUSKAL O
AFOSR 68-1108

KRUSKAL W O
AFOSR 67-0325
AFOSR 68-1021
AFOSR 68-2381

KSIENSKI A A
AFCRL 67-0061
AFCRL 67-0150
AFCRL 67-0168
AFCRL 67-0311
AFCRL 67-0632
AFCRL 67-0637
AFCRL 67-0649
AFOSR 67-1459

KU H H
AFOSR 68-2793

KUBIS J J
AFOSR 68-2747

KUBOTA S
AFOSR 67-2704
AFOSR 67-2860

KUCK G A
AFCRL 67-0461
AFCRL 68-0399

KUDRAK O M
AFOSR 67-1437

KUEHL H H
AFOSR 67-0632

KUGELMASS S
AFOSR 67-0830
AFOSR 67-1321
AFOSR 68-2171

KUGLIN C D
AFCRL 67-0168
ARL 68-0244W
ARL 68-1410B

KUH E S
AFOSR 67-0333

KUHI L V
AFOSR 67-0623
AFOSR 67-2200

KUHN L
AFCRL 68-0437

KUJAWSKI A
AFOSR 67-1279
AFOSR 68-1086

KULLBACK S
AFOSR 67-0874
AFOSR 67-0998
AFOSR 67-1205
AFOSR 67-1250
AFOSR 67-1973
AFOSR 68-1427
AFOSR 68-2239
AFOSR 68-2277
AFOSR 68-2743

KULP M A
ARL 67-0090V
ARL 67-0143V
ARL 67-0177V
ARL 67-0201V
ARL 67-1298A
ARL 67-1323K
ARL 67-1339B
ARL 68-0295V

KULP J L
AFCRL 67-0224

KULS J R M
AFOSR 68-1903

KUNIG H
AFOSR 67-2106

KUNZ A B
AFOSR 68-0701
AFOSR 68-1509

KUO F F
AFOSR 68-2085

KUO J T
AFCRL 67-0022

KUO Y L
AFOSR 67-0718

KURFERMAN H A
AFCRL 67-0103

KURFESS J D
AFOSR 68-0486
AFOSR 68-1150
AFOSR 68-1151

KURSUNOGLU B
AFOSR 67-0285
AFOSR 67-1479
AFOSR 68-1049
AFOSR 68-1619

KURTEIN S
AFOSR 67-1681

KURTZ T G
AFOSR 68-2800

KURUSNOGLU B
AFOSR 68-1318

KURZ J L
AFOSR 68-1298

KURZ L
AFCRL 67-0632

KUSCH P
AFOSR 68-0830
AFOSR 68-1328

KUSENBERGER F N
AFOSR 67-1288
AFOSR 68-1162

KUSHNER H J
AFOSR 67-1278
AFOSR 67-1352
AFOSR 67-2178
AFOSR 67-2702
AFOSR 68-0160

KUSNEZOV N
AFCRL 67-0307

KUZMA D C
AFOSR 67-0324

KVIFTE G J
AFOSR 67-2531
AFOSR 68-2758

KWAN S C
AFCRL 68-0181

KWIATEK J
AFOSR 68-0503
AFOSR 68-1882

KYLE C F
AFOSR 67-2683

KYLE T G
AFCRL 68-0105
AFCRL 68-0334
AFCRL 68-0521

KYSER D F
AFOSR 67-0453
AFOSR 67-1391
AFOSR 67-1657
AFOSR 67-2830

L ECUYER J
AFOSR 67-0658

LA POINTE M
AFOSR 68-0184
AFOSR 68-0185
AFOSR 68-2866

LA POINTE M H
AFOSR 68-2860

LABES M M
AFOSR 67-0972
AFOSR 67-0973
AFOSR 67-0974

LACKNER K
AFOSR 67-2073
AFOSR 68-2830

LADD A
AFOSR 67-1284

LAGERCRANTZ H
AFOSR 68-2727

LAGRONE A H
AFOSR 67-0820

AFOSR 67-0883
AFOSR 67-0893
AFOSR 67-1591

LAHA R G
AFOSR 67-1969

LAI J L
AFOSR 67-1011

LAI S T
AFCRL 68-0019

LAINIOTIS D G
AFOSR 67-1546
AFOSR 67-1809
AFOSR 68-1819
AFOSR 68-1919
AFOSR 68-2032
AFOSR 68-2367
AFOSR 68-2541

LALONDE L M
AFOSR 67-0803

LALOR F
AFOSR 68-2806

LAM J
AFOSR 67-1867

LAMB W E JR
AFOSR 67-1221
AFOSR 67-1222
AFOSR 68-0117
AFOSR 68-1097
AFOSR 68-1105
AFOSR 68-1106
AFOSR 68-1978
AFOSR 68-2309

LAMBERT D G
AFOSR 67-2807
AFOSR 67-2932

LAMBERT J L
AFOSR 67-1029

LAMMERS K M
ARL 68-0256V
ARL 68-1455I

LAMMERS U H W
AFCRL 67-0368

LAMPARD D G
AFOSR 68-0089

LAMPE M
AFOSR 68-2492

LAMPORT C B
AFCRL 67-0509
AFCRL 68-0288

LANCASTER J E
AFOSR 68-2797

LANCZOS C
AFOSR 68-0331

LAND P L
ARL 67-1337A
ARL 67-1343A
ARL 68-1017A
ARL 68-1173A
ARL 68-1187A
ARL 68-1190R
ARL 68-1379A

LANDAHL H D
AFOSR 67-0922

LANDAHL M T
AFOSR 67-1168
AFOSR 67-1900
AFOSR 68-1402
AFOSR 68-2821

LANDAU D M
AFOSR 68-0998

LANDE S S
AFOSR 68-2509

LANDES H S
AFOSR 68-0876

LANDESMAN M
AFCRL 67-0291
AFOSR 68-1429

LANDMARK B
AFCRL 67-0282

LANDSBERG P T
AFCRL 67-0183

LANDSHOFF P V
AFOSR 67-0070
AFOSR 67-0338
AFOSR 67-0329
AFOSR 67-1637

LANDSTREET J D
AFOSR 67-1147

LANDSTROM O K
ARL 68-0164W

LANE A M
AFOSR 67-0849
AFOSR 68-0495

LANFORD O
AFOSR 67-1559

LANFORD O E
AFOSR 67-1560

LANGE J N
AFOSR 67-1762

LANGE N C
ARL 68-1343A

LANGE V
AFOSR 68-2480

LANGER D
ARL 67-1286A
ARL 68-1351A
APL 68-1478A

LANGER D S
ARL 67-0032V

LANGER D W
ARL 68-0054V
ARL 68-0226V
ARL 68-0296V
ARL 68-0306V
ARL 68-1375A
ARL 68-1387A
ARL 68-1477A
ARL 68-1486A

LANGER D W J
ARL 67-0073V

LANGFORD C H
AFOSR 67-0663
AFOSR 67-0729
AFOSR 67-1687
AFOSR 67-2387
AFOSR 67-2826
AFOSR 68-0174
AFOSR 68-2675
AFOSR 68-2809

LANGHOFF P W
AFOSR 67-0310

LANGURD A
AFCRL 67-0318

LANTZ N F
AFCRL 68-0038

LANZETTA J T
AFOSR 68-2324

LAPEYRE G J
AFOSR 68-0920

LAPORTE O
AFOSR 67-2361
AFOSR 68-1930

LAPRENT N F
AFOSR 68-1528

LARFONS O
AFCRL 68-0016
AFCRL 68-0423

LARGE D B
AFCRL 68-0031

LARKIN D M
AFOSR 68-1928

LARNABEE J C
AFCRL 67-0109

LARSON C O
AFOSR 67-0635
AFOSR 67-1933

LARSON C W
AFOSR 68-1967

LARSON R G
AFOSR 67-0906
AFOSR 67-1090
AFOSR 68-0302

LARSSON K
AFOSR 67-0868
AFOSR 67-0869

LARSSON S
AFOSR 68-2570

LASALLE J P
AFOSR 67-0841
AFOSR 67-1084
AFOSR 68-0307
AFOSR 68-0767

LASALLE M A
AFOSR 68-1384

LASCAND C
AFOSR 68-2762

LASHINSKY M
AFOSR 67-0495
AFOSR 68-2126

LASIENSKI T
AFOSR 68-1248

LASSETTRE E N
AFOSR 67-3193
AFOSR 67-0194
AFOSR 68-2107
AFOSR 68-2594

LASTER S J
AFOSR 67-1201
AFOSR 67-2090

LASZLO T S
AFOSR 67-1139

LATHAM M A
AFOSR 67-2679

LATHAM M W
AFOSR 67-2696

LATMIRAL G
AFCRL 67-0187

LATTERELL J J
AFOSR 67-2653

LAU-PO WU S
AFCRL 68-0317

LAUF M
AFOSR 67-1978

LAUFN M C
AFOSR 67-1968
AFOSR 68-0763

LAUFER M W
AFOSR 68-0512

LAUGHLIN H
AFOSR 68-2273

LAURENT A E
AFOSR 68-2746

LAURIN M V
AFOSR 68-2127
AFOSR 68-2128

LAUHMANN J A
AFOSR 67-1936
AFOSR 68-0762

LAVALLE R
AFOSR 68-1423

LAVAN Z
ARL 68-0173U

LAVERTY J L
AFOSR 68-1910

LAW S L
AFOSR 68-1781

LAWLER R G
AFOSR 68-0397
AFOSR 68-0398

LAWLESS E W
AFML 67-0134

LAWRENCE T R
AFCRL 67-0593

LAWSON A M
AFOSR 67-0036
AFOSR 67-0110

LAWSON C L
AFOSR 68-1160

LAWSON J R
AFOSR 67-0434

LAWSON M D
ARL 67-1071A
ARL 67-1077A
ARL 67-11890
ARL 68-1364A
ARL 68-1391R
ARL 68-13930
ARL 68-1396C

LAWSON O
ARL 67-1079A

LAWTON J
ARL 68-0118T

LAX M
AFOSR 67-0155
AFOSR 67-0171
AFOSR 67-0212
AFOSR 67-0522

AFOSR 67-0870
AFOSR 67-1126
AFOSR 67-2261
AFOSR 67-2372
AFOSR 68-0178
AFOSR 68-0334

LAX P D
AFOSR 67-2650
AFOSR 68-2656

LAYTON J K
AFOSR 68-2100

LAYTON R
AFOSR 67-2627

LAZAR A J
AFOSR 68-0248

LAZARUS D
AFOSR 67-1171

LE TOULLEC R
ARL 68-0016U
ARL 68-0281U

LEA K R
AFOSR 67-1221
AFOSR 67-1222
AFOSR 67-2328

LEADEN E
AFOSR 67-2700

LEADON R
AFOSR [illegible]

LEADON R F
[illegible]

LEAN E G P
[illegible]

LEBOVITZ N R
AFOSR [illegible]
AFOSR [illegible]

LEBOWITZ J L
AFOSR [illegible]
AFOSR [illegible]
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AFOSR [illegible]
AFOSR [illegible]
AFOSR [illegible]
AFOSR [illegible]

LECAR L
AFOSR [illegible]
AFOSR [illegible]
AFOSR [illegible]
AFOSR [illegible]
AFOSR [illegible]
AFOSR [illegible]
AFOSR [illegible]

LEDERMANN J
AFOSR [illegible]

LEDGREN B
AFOSR [illegible]

LEDINGHAM J R
AFOSR [illegible]

LEE D A
ARL [illegible]
ARL [illegible]
ARL [illegible]
ARL [illegible]
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ARL [illegible]
ARL [illegible]

ARL 68-1478A

LEE E H
AFOSR 67-1458
AFOSR 68-0068
AFOSR 68-0308

LEE E S
AFOSR 67-1865
AFOSR 68-2407
AFOSR 68-2417

LEE E T P
AFOSR 67-1958
AFOSR 67-2646A6

LEE F C
ARL 67-0210U

LEE F D
ARL 67-1035A
ARL 67-1036A
ARL 67-1039A
ARL 68-0036V
ARL 68-0045V
ARL 68-0180V
ARL 68-0190V
ARL 68-1206A
ARL 68-1212A

LEE H S
AFCRL 68-0290

LEE J B
AFOSR 68-0357

LEE J D
ARL 68-0004U
ARL 68-0073U
ARL 68-0131U
ARL 68-0139U

LEE J H
ARL [illegible]
ARL [illegible]
ARL [illegible]

LEE J S
AFOSR [illegible]
AFOSR [illegible]
AFOSR [illegible]

LEE K
AFOSR 67-1947

LEE M
AF [illegible] 67-2041

LEE J D
AFCRL [illegible]
AFCRL [illegible]
AFCRL [illegible]

LEE S W
AFCRL 68-0079
AFCRL 68-0231

LEE Y
AFOSR [illegible]

LEES L
AFOSR [illegible]
AFOSR [illegible]
AFOSR [illegible]

[illegible]
AFOSR [illegible]

[illegible]
AFOSR 67-1331A

[illegible]
AFOSR [illegible]

[illegible]
AF [illegible]

LEHMANN G M
AFOSR 67-2630

LEHMANN I
AFOSR 67-0143
AFOSR 67-0855

LEHNUENG H H
AFCRL 67-0648

LEHNEN F C
AFOSR 67-0676

LEIHA E
AFCRL 68-0237

LEIDENFROST W
AFOSR 67-2551

LEIFER L
AFOSR 67-1292

LEIPOLD M
ARL 68-1167A

LEITENEG T J
AFOSR 68-2442
AFOSR 68-2443

LEITH F A
AFCRL 67-0173

LEITNER J
AFOSR 67-1873
AFOSR 67-2165
AFOSR 67-2509

[illegible]
AFOSR 68-2731

[illegible]
[illegible]

LENOX J
AFOSR 67-2726

LENT W I
AFOSR 67-1358

LENTON W A
AFOSR 68-1940

LEONARD H J
AFOSR 67-1648
AFOSR 68-1162

LEONARD P
AFOSR 67-1981
[illegible]

[illegible]
AF [illegible]

[illegible]
[illegible]

[illegible]
AFOSR [illegible]

LEPENDORF J P
AFOSR [illegible]
AFOSR [illegible]

LEPENTHAL M
AFOSR 67-1821
AFOSR 67-1822
AFOSR 67-2328

LEVER W F
AFOSR 67-0508
AFOSR 68-0555

LEVEY L
AFOSR 67-1734

LEVI SETTI R
AFOSR 67-0702

LEVIALDI S
AFOSR 67-1656

LEVIN S A
AFOSR 68-2756

LEVINE L
AFOSR 67-1818

LEVINE L S
AFOSR 68-0023
AFOSR 68-0228
AFOSR 68-2632

LEVINE M A
AFCRL 68-0140

LEVINE M J
AFOSR 68-2670

LEVINE S N
AFOSR 67-1117

LEVINSON J
AFCRL 67-0130
AFCRL 67 0427

LEVINTHAL E C
AFOSR 68-0579

LEVITZ P M
AFCRL 68-0077
AFOSR 67-2263
AFOSR 68-0596

LEVY A
AFOSR 67-1772
ARL 67-0210U

LEVY J D
AFOSR 67-0342
AFOSR 67-0424
AFOSR 67-1728
AFOSR 67-1788
AFOSR 67-1909
AFOSR 67-2411
AFOSR 68-0202

LEVY M
AFOSR 68-0623

LEVY M I
AFCRL 68-0199
AFOSR 68-1332

LEVY M R
AFOSR 67-2642
AFOSR 68-1841

LEVY M W
AFOSR 67-1724
AFOSR 68-0222
AFOSR 68-0366
AFOSR 68-2042

LEW H S
AFOSR 68-0668
AFOSR 68-2458
AFOSR 68-2850

[illegible]
AFOSR [illegible]

LEWIN I
ARL 67-0307

LEWIS B
AFOSR 68-0806

LEWIS H C Y
AFOSR 68-1708

LEWIS P L
AFOSR 67-1121
AFOSR 68-2128

LEWIS J W
AFOSR 68-1816

LEWIS W H
AVL 68-16859

LEWIS W R
AFCRL 67-0101

LEWIS A
AFOSR 67-2462
AFOSR 68-2439
AFOSR 68-2496

LEWIS P M
AFCRL 67-0119
AFCRL 67-0951
AFCRL 67-0953
AFCRL 68-0060
AFOSR 68-1282

LEYMAN C
AFOSR 67-2219

LI C Y
AFOSR 67-2346
AFOSR 67-2367
AFOSR 67-2362

LI H F
AFOSR 68-2635

LI M C
AFOSR 68-1361

LI M T
AFCRL 68-0275

LI T M
AFOSR 67-2581

LIANG L
AFCRL 68-0526

LIBBIS N
AFOSR 68-2207

LIBBY L M
AFOSR 67-2788

LIBBY W A
AFOSR 67-2063
AFOSR 68-2216

LIBBY P I
AFOSR 67-0769
AFOSR 67-1237
AFOSR 67-1239
AFOSR 67-1894
AFOSR 67-2753
AFOSR 67-2766
AFOSR 67-2769
AFOSR 68-1579
AFOSR 68-1731
AFOSR 68-1752
AFOSR 68-1753
AFOSR 68-1754
AFOSR 68-2123

LIBOVSKY S
AFOSR 67-0113

LICHTENBERG A J
AFOSR 67-0914

AFOSR 68-2101

LICHTER J J
AFOSR 67-1335

LICHTIN N N
AFOSR 68-1620
AFOSR 68-1805

LIECHTI R D
AFOSR 68-1773

LIEDAM C G
AFOSR 67-0318
AFOSR 67-0188

LIEDAS A P
ARL 68-14263

LIEE C
AFOSR 67-0001
AFOSR 67-2611

LIEF E W
AFOSR 67-0374
AFOSR 67-1796
AFOSR 68-0101

LIEBERMAN J C
AFOSR 67-1171
AFOSR 68-2548
ARL 67-1154N
ARL 67-1159N
ARL 68-1131N
ARL 68-1162

LIEBERMANN J L
AFOSR 67-2140

LIEBERSON A
AFOSR 68-1615

LIEBOWITZ B
AFOSR 67-1721
AFOSR 68-2171

LIEBMAN S E
AFOSR 67-0255

LIEBSCH H J
ARL 68-0150U

LIEBSCHER V V
AFOSR 68-0069

LIEBOWITZ J M
AFOSR 67-1983

LIEBERMAN S
AFCRL 68-0622

LIEBIN J S
AFOSR 68-1700

LIEBOWITZ R E
AFOSR 67-0432
AFOSR 68-1083

LIEBLEIN S
AFCRL 68-0686

LIEBLEIN T
AFOSR 67-0657
AFOSR 67-2030
AFOSR 67-2391
AFOSR 68-0807
AFOSR 68-2645

LIEET J C
AFOSR 68-0918

LIEN S L
AFOSR 67-0765
AFOSR 67-2528

LIENG F G JR
AFOSR 68-1821
AFOSR 68-2249

LIN C C
AFCRL 68-0299
AFOSR 67-
AFOSR 67-1958
AFOSR 67-264646

LIN J
AFOSR 68-2458

LIN J L
AFCRL 67-0429

LIN S
AFCRL 67-0176
AFCRL 67-0179
AFCRL 67-0566

LIN S H
AFOSR 68-2122

LIN S H
AFOSR 67-2484
AFOSR 68-0489

LIN T C
AFOSR 68-1368

LIN T H
AFOSR 67-2484
AFOSR 68-0489

LIN T T
AFOSR 68-0361
AFOSR 68-1396

LINAN A
AFOSR 67-0098
AFOSR 68-0066

LINCK R G
ARL 67-0077V

LINCOLN A J
AFCRL 67-0004

LINDBECK J M H
AFOSR 68-2301

LINDENSTRAUSS J
AFOSR 68-0245
AFOSR 68-0246
AFOSR 68-0247
AFOSR 68-0248
AFOSR 68-0295
AFOSR 68-0352

LINDERHENG J
AFOSR 67-1970
AFOSR 68-0118

LINDGREN S
AFCRL 68-0016
AFCRL 68-0423

LINDHOLM P A
AFCRL 68-0185
AFCRL 68-0493

LINDHOLM U S
AFOSR 68-2820

LINDNER P
AFOSR 68-1079
AFOSR 68-2565

LINDNER W A
AFOSR 68-2676

LINDQUIST P F
AVL 67-0288V

LINDQVIST L
AFOSR 67-2403

LINDQVIST M
AFOSR 67-0865
AFOSR 67-2174
AFOSR 68-0603
AFOSR 68-2710

LINDSLEY D B
AFOSR 68-1361
AFOSR 68-1362

LINDSTROM G E
AFOSR 67-0268

LINDVALL T
AFOSR 68-2956

LINEVSKY H J
AFOSR 68-1211

LINVILLE A F
AFOSR 67-1201
AFOSR 67-1581
AFOSR 67-2090

LIONS J L
AFOSR 67-2301

LIPSET S M
AFOSR 68-0752
AFOSR 68-0946

LIPSITT H A
ARL 67-0248V

LIPWORTH E
AFCRL 68-0558

LISHAJK F
AFOSR 68-0192

LISHAJKO F
AFOSR 67-0500
AFOSR 67-2602
AFOSR 68-0311
AFOSR 68-0867
AFOSR 68-1738
AFOSR 68-2729

LISZKA L
AFCRL 67-0175
AFCRL 67-0416
AFCRL 68-0365

LITSEY C T
ARL 68-0166V

LITTLE R W
AFOSR 68-2153

LITTLEFIELD C
AFCRL 67-0536

LITTLEJOHN M T
AFOSR 67-2189

LITTLEPAGE R S
AFCRL 68-0249

LITTMAN W
AFOSR 67-1210
AFOSR 68-2036

LITTON C W
ARL 67-0186V
ARL 67-1083A
ARL 67-1287A
ARL 67-1288A
ARL 67-1291A
ARL 68-0229V
ARL 68-0265V
ARL 68-0298V
ARL 68-1373A
ARL 68-1374A

LIU A P L
AFOSR 67-0953
AFOSR 67-0959
AFOSR 67-0961
AFOSR 67-0962
AFOSR 67-0965

LIU R
AFOSR 68-0327
AFOSR 68-2113

LIU C
ARL 68-0135U

LIU C K
AFOSR 67-0420

LIU J T C
ARL 67-0074W

LIU M
AFOSR 67-0405

LIU M K
AFOSR 67-1956
AFOSR 68-1035

LIU M Y
AFOSR 68-2908

LIU R
AFOSR 68-0074
AFOSR 68-0076
AFOSR 68-0088

LLEWELLYN E J
AFCRL 68-0157
AFCRL 68-0500

LLOYD A C
AFOSR 67-2043

LLOYD K H
AFCRL 67-0144

LLOYD S
AFOSR 67-2572
AFOSR 68-0413

LO C Y
AFOSR 68-0939

LOB W H
AFCRL 67-0535

LOCKER D R
ARL 67-1285A
ARL 68-0123V
ARL 68-0232V
ARL 68-0301V
ARL 68-1426C
ARL 68-1480A

LOCKWOOD J A
AFCRL 67-0460
AFCRL 67-0477
AFCRL 68-0051
AFCRL 68-0277

LOEFFLER A L JR
ARL 67-0236U
ARL 68-1191A

LOFERSKI J J
ARL 67-0239W

LOFGREN L
AFOSR 68-1694
AFOSR 68-2579

LOGAN F A
AFOSR 68-1667

LOGAN R H JR
AFOSR 68-1589

LOKAN K H
AFOSR 68-2503

LONDON R L
AFOSR 67-0299

LONG D D
AFOSR 68-1296

LONG H H
AFOSR 68-0070

LONG M J
AFCRL 67-0471
AFCRL 68-0412

LONGINOTTI L D
AFOSR 67-1618

LONGWORTH G
AFOSR 68-0020

LOOK D C
ARL 68-0123V
ARL 68-0232V
ARL 68-0254V
ARL 68-0301V
ARL 68-1426C
ARL 68-1480A

LOOS H
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LOPEZ A M
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LOPEZ-ARROYO A
AFOSR 67-2750

LOPINA R F
AFOSR 67-1959

LORENTZ G G
AFOSR 67-0562
AFOSR 67-0873
AFOSR 68-1953
AFOSR 68-2248

LORIMOR D G
AFCRL 68-0196
AFOSR 67-0479
AFOSR 67-2215
AFOSR 67-2216

LOTHE J
AFOSR 67-0507

LOTZ I F
AFOSR 68-1682

LOUIS J F
ARL 67-1235B
ARL 68-0285W
ARL 68-1020H
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ARL 68-1192H

LOUP G E
AFOSR 67-2277

LOUP VERLET
AFOSR 68-1314

LOUTREL P P
AFOSR 68-0871

LOVE G
ARL 68-1148J

LOVE G W
ARL 67-1143J

LOVE N O
AFOSR 67-2480
AFOSR 68-0051

LOVE T J
ARL 67-0210U

LOVELAND D W
AFOSR 68-0618

LOVELL D J
AFOSR 68-0264

LOVELL R J
AFCRL 67-0612

LOVETT J
AFCRL 67-0391
AFCRL 67-0563

LOVETT J J
AFCRL 67-0498
AFCRL 68-0438

LOW W
AFCRL 67-0278
AFOSR 67-0567
AFOSR 68-0230
AFOSR 68-0459

LOWDIN P C
AFOSR 68-0100

LOWE I J
AFOSR 67-2641
AFOSR 67-2647
AFOSR 67-2648
AFOSR 68-0831
AFOSR 68-0836
AFOSR 68-0931
AFOSR 68-1687

LOWE L F
AFCRL 68-0377
AFCRL 68-0408
AFCRL 68-0502

LOWE T C
AFOSR 67-0423
AFOSR 68-1600

LOWENGRUB M
AFOSR 67-1378

LOWRY W L
AFCRL 67-0162

LU E Y C
AFOSR 67-0060
AFOSR 67-0885
AFOSR 67-2771

LU P C
AFOSR 67-1508

LUBARD S
ARL 68-0181U

LUBARD S C
AFOSR 67-2046
AFOSR 68-1621

LUDELL M S
AFOSR 67-1453

LUCAS C
AFOSR 67-2194

LUCAS G
AFOSR 67-2769

LUCE J S
ARL 67-1303M

LUCO J V
AFOSR 68-0704
AFOSR 68-2731

LUDINGTON C E
AFCRL 67-0096

LUDWIG D
AFCRL 67-0531
AFOSR 67-2686
AFOSR 68-1813
AFOSR 68-2275

LUERS J K
AFCRL 67-0934
AFCRL 67-0959

LUH J
ARL 68-1286N

LUKACS E
AFOSR 67-1190
AFOSR 67-1969
AFOSR 67-2395
AFOSR 68-1752
AFOSR 68-2740

LUKASZUK L
AFOSR 67-1148

LUKAVEC R
AFCRL 68-0345

LUKE Y L
ARL 67-1135F

LUM M D
ARL 67-1019A
ARL 67-1269F
ARL 68-0050T

LUNB M D
AFCRL 68-0235

LUNNY M
AFOSR 68-2705

LUNRY R W
AFOSR 68-0491

LUNSDAINE A A
AFOSR 68-1342

LUNO E A
AFCRL 68-0229

LUND R D
AFOSR 67-0132

LUND R F
AFCRL 67-0423

LUNDBAK A N
AFCRL 67-0689

LUNDGEN G
AFOSR 67-1309

LUNDGREN T
AFOSR 67-1784

LUNDGREN T L
AFOSR 67-2461

LUNDGREN T S
AFOSR 67-2460
AFOSR 67-2462
AFOSR 68-2493

LUNDHOLM E
AFCRL 68-0076

LUNDKVIST M
AFOSR 67-1311

LUNDSTROM F A
AFOSR 67-1028
AFOSR 67-1895

LUNELL S
AFOSR 68-1079
AFOSR 68-2565

LUO H L
AFOSR 67-1052
AFOSR 67-1213
AFOSR 67-1274
AFOSR 67-1237
AFOSR 67-1530
AFOSR 67-1675
AFOSR 67-2672
AFOSR 68-0562
AFOSR 68-1866

LUPU N I
ARL 68-0234V
ARL 68-0331V

LURIE J
AFOSR 67-0055
AFOSR 67-0057

LUSTY A H JR
AFOSR 67-2840

LUTY F
AFOSR 68-1458
AFOSR 68-1471

LUVALLE J E
AFOSR 68-0781
AFOSR 68-0782
AFOSR 68-0783
AFOSR 68-0784

LYNN M S
AFOSR 68-1394

LYONS D H
AFCRL 67-0111

LYONS J D
AFOSR 67-0310
AFOSR 68-0119

LYONS L E
AFOSR 67-1923
AFOSR 68-0866
AFOSR 68-1223
AFOSR 68-1252
AFOSR 68-1253
AFOSR 68-1254
AFOSR 68-1255
AFOSR 68-1257
AFOSR 68-1344

LYONS M C
AFOSR 68-2241

LYSLO G
AFOSR 68-1093

MA S R
AFOSR 68-2397

MAC CAMY N C
AFOSR 68-1181

MACCAMY R C
AFOSR 67-1265
AFOSR 68-0916

MACDIARMID A G
AFOSR 67-1367
AFOSR 68-1783
AFOSR 68-2517

MACDONALD D J
AFOSR 67-1784
AFOSR 68-0360
AFOSR 68-1620
AFOSR 69-2271

MACDONALD J N
AFOSR 68-2751

MACDONALD J R
AFOSR 67-1756

MACDONALD N C
AFOSR 67-0344

MACDONAGALL J D
AFOSR 67-1745
AFOSR 67-1757

MACGREGOR R H
AFOSR 67-2565

MACH E E
AFOSR 67-0021

MACHIDA K
AFOSR 67-2861
AFOSR 67-2864

MACINTYRE H A
AFOSR 68-2803

MACIULAITIS A
ANL 67-0236U
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MACK M
AFOSR 67-0168

MACKENZIE J D
AFOSR 68-2786

MACKENZIE K J D
AFOSR 68-2841

MACKENZIE K M
AFOSR 67-1142
AFOSR 68-2184
AFOSR 68-2399

MACKEOWN P K
AFOSR 67-0262

MACKER M
ARL 68-0342W

MACKEY J M
AFOSR 67-0012
AFOSR 68-1951

MACKIE A G
AFOSR 68-0656
AFOSR 68-1574
AFOSR 68-2609

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AFML 67-0294

MACMILLAN R S
AFOSR 67-1116
AFOSR 68-0880
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MACRY N M
AFML 67-0287

MACQUEEN R M
AFOSR 67-2038
AFOSR 68-2779
AFOSR 68-2780

MADEYSKI A
AFOSR 67-1358

MADSEN V A
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MAECKER M
ARL 67-0219U
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MAFDER P F
AFOSR 67-0306

MAEMLY M J
AFOSR 68-1160

MAFFEI L
AFOSR 67-2538
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AFOSR 67-2541
AFOSR 67-2542
AFOSR 67-2543
AFOSR 67-2546
AFOSR 68-2687
AFOSR 68-2688
AFOSR 68-2689
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AFOSR 68-2691

MAFFITT K N
AFCRL 68-0101

MAGAN J M
AFOSR 68-0408

MAGER G
AFCRL 68-0344

MAGIN R W
AFOSR 67-1428

MAGNI F
AFOSR 67-2536
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AFOSR 68-2700
AFOSR 68-2709
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MAGNUSON V R
AFOSR 67-2191

MAHAJAN K K
AFOSR 67-2692
AFOSR 67-2693
AFOSR 68-1125

MAHANTA P
AFOSR 67-1365

MAHENDROO P P
AFOSR 67-0362
AFOSR 67-0594

MAHLMAN J D
AFCRL 68-0357
AFCRL 68-0541

MAHONEY J R
AFCRL 67-0263

MAI V A
AFOSR 67-0201

MAIANI L
AFOSR 67-2792

MAIER M
AFOSR 67-1838

MAIN D B
AFOSR 68-1655

MAITA J P
AFOSR 68-0562

MAK M
ARL 67-0148U
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MAKI E R
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MAKI K
AFOSR 67-0038
AFOSR 67-0039
AFOSR 67-0040
AFOSR 67-1058
AFOSR 67-1058
AFOSR 67-1732
AFOSR 67-1742
AFOSR 67-1743
AFOSR 67-1744
AFOSR 67-2486
AFOSR 67-2487
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MALDONADO C D
ARL 67-0038W
ARL 67-0038W

MALIK C
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MALIK P B
AFOSR 68-2447
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MALIN S
ARL 68-1096N

MALKOFF G
AFOSR 68-1409

MALLEN G L
AFOSR 68-1782

MALLIARIS A C
ARL 67-0007U
ARL 67-0245W
ARL 67-0291W
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MALLIAVIN P
AFOSR 67-1123
AFOSR 67-1418

MALLIAVIN-DRAMERET M P
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MALLICK J
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MALLOY J M
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MALLOZZI P
AFOSR 67-1169

MALM U
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MALMQVIST L
AFOSR 67-1284
AFOSR 67-1285

MALONEY J C
AFOSR 67-1485

MANCHESTER H N
AFOSR 67-0209

MANCUSO R L
AFCRL 68-0337

MANDEL L
AFCRL 67-0380
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AFCRL 68-0026
AFCRL 68-0094
AFCRL 68-0190
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AFOSR 67-0032
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AFOSR 67-2321
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AFOSR 68-2773

MANDELSTAM S
AFOSR 67-2777
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AFOSR 68-2217

MANDL A
AFOSR 67-1111

MANDRIOTA R F J
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MANDULA J
AFOSR 67-2901

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AFOSR 68-1516

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AFOSR 68-0833

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MANIV S
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MANLEY O P
AFCRL 67-0562
AFOSR 68-0431

MANN A B
AFOSR 68-2143

MANN F C
AFOSR 68-1654

MANN N R
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MANN R
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MANN W H
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MANNA Z
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MANNHEIM P D
AFCRL 68-0420

MANNION W A
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MANO K
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AFOSR 67-2125

MANRING E R
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MANSFIELD J M
AFOSR 67-1299
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MANSFIELD J M JR
AFOSR 68-0355

MANSERKA K
AFOSR 67-1821
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ARL 67-1044A

MANTHURUTHIL J C
ARL 67-0233V
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ARL 67-1039A
ARL 67-1041A
ARL 67-1042A
ARL 67-1196L
ARL 67-12AAL
ARL 68-0016V
ARL 68-0082V
ARL 68-0129V
ARL 68-0227V
ARL 68-0311V
ARL 68-0312V
ARL 68-0313V
ARL 68-1198L

ARL 68-1201A
ARL 68-1202A
ARL 68-1203A
ARL 68-1211A
ARL 68-1213A
ARL 68-1214A
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MANTYLA R G
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MANZ H J
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AFOSR 67-2672
AFOSR 68-1566

MAR J
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MARAOUDIN A A
AFOSR 68-0863
AFOSR 68-0921
AFOSR 68-0923
AFOSR 68-0924
AFOSR 68-0932
AFOSR 68-0934
AFOSR 68-0935
AFOSR 68-0997
AFOSR 68-1001
AFOSR 68-1472
AFOSR 68-1545

MARCHIAFAVA P L
AFOSR 67-0557
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AFOSR 68-2708
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MARCUS F A
AFCRL 67-0131
AFCRL 67-0330

MARCOTTE L
AFCRL 67-0331
AFCRL 67-0563
AFCRL 68-0438

MARCOTTE L C
AFCRL 67-0898

MARCOTTE M E
ARL 68-1069N
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MARCOU M J
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AFCRL 68-0429

MARCUM A I
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MARCUS J A
ARL 68-1493A

MARCUS M
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AFOSR 67-2818
AFOSR 67-2885
AFOSR 68-0911
AFOSR 68-2231
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MARGENAU H
AFOSR 67-1169
AFOSR 67-1275
AFOSR 67-2312

MARGERUM D W
AFOSR 67-0713
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MARGERUM J D
AFOSR 67-0246
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MARGGRAF W A
AFCRL 67-0042
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MARGRAVE J L
AFOSR 67-1082

MARIA M J
AFOSR 68-0109

MARINARO M
AFOSR 67-0502
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MARINI M
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MARINO M
AFCRL 67-0205

MARINO N I
AFCRL 68-0403
AFCRL 68-0531

MARING M J
AFCRL 67-0204

MARK J E
AFOSR 67-0732

MARK J M K
AFOSR 68-1043
AFOSR 68-2695

MARK P
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MARKOWITZ D
AFOSR 68-0015
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MARKOWITZ R
AFOSR 68-1672

MARKS L E
AFOSR 68-0313
AFOSR 68-1651

MARKUS L
AFOSR 68-0068

MARLOTTE G L
ARL 68-0049U

MARRAZZI A S
AFOSR 67-0587

MARSDEN N V
AFOSR 67-1683

MARSH L L
AFCRL 67-0218

MARSHALL D H II
AFCRL 67-0373

MARSHALL J F
AFOSR 67-0011
AFOSR 68-0480

MARSHALL J S
AFCRL 68-0183
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MARSHALL L
AFOSR 67-2744

MARSHALL R C
AFCRL 67-0436
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MARSLAND T A
AFOSR 68-0039

MARSOCCI V A
AFOSR 68-0936

MARTIN A B
AFOSR 67-2683
AFOSR 67-2825
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AFOSR 68-0442

MARTIN D B
AFOSR 68-2076
AFOSR 68-2628
AFOSR 68-2682

MARTIN E
AFOSR 67-1812
AFOSR 67-1825
AFOSR 67-1827
AFOSR 67-1828
AFOSR 67-1831

MARTIN E J
AFOSR 67-2221
AFOSR 67-2215

MARTIN G P
AFOSR 68-1083

MARTIN J
AFOSR 68-0424

MARTIN J P
ARL 68-1416B

MARTIN M C
AFOSR 67-1088
AFOSR 67-1680
AFOSR 68-0806
AFOSR 68-1718

MARTIN P
AFOSR 68-2221

MARTIN P C
AFOSR 68-0428
AFOSR 68-1964
AFOSR 68-2214

MARTIN R J
AFCRL 68-0255

MARTIN W J L
AFOSR 68-0677
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MARTIN R B
AFCRL 68-0279

MARTINDILL P E
ARL 67-0060U

MARTINELLE S
AFCRL 67-0212
AFCRL 67-0213

MARTINEZ E
AFOSR 67-0337
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MARTINS P
ARL 67-1324B

MARUYAMA K
AFOSR 67-2249
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MARVIN U R
AFCRL 67-0012

MARX F
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MARXMAN G A
AFOSR 67-0859
AFOSR 67-1778
AFOSR 67-1928
AFOSR 67-2495
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MANZELLO A
AFOSR 68-0676

MASLO R M
AFCRL 67-0185
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MASNICK B
AFOSR 68-0732

MASON A M
AFCRL 67-0612

MASON G L
AFCRL 67-0063

MASON J A
AFOSR 67-2349

MASON R J JR
AFOSR 67-0705

MASS J
AFCRL 67-0155
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MASSALSKI T B
AFOSR 67-1415

MASSENGILL H E
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AFOSR 68-2156
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MASSENGILL H E JR
AFOSR 68-2162

MASSEY H S W
AFOSR 68-0519

MASSEY W E
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MASSIGLIA P M
AFCRL 68-0088

MASTEN M K
AFOSR 68-0005
AFOSR 68-0231

MASTERS C J
AFOSR 67-0266
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MASTMOR F N
ARL 67-1334W
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MATARAZZO J D
AFOSR 68-0983

MATHIET M
AFOSR 68-0785

MATSON D C
AFOSR 67-1230
AFOSR 67-1600

MATSUDA S
AFOSR 67-2241

MATSUI K
AFCRL 67-0160

MATSUNO T
AFOSR 67-0867

MATTAUCHI D
AFOSR 67-0142

MATTHEWS H
AFCRL 68-0449

MATTHEWS J W
AFOSR 68-0473

MATTHEWS L D
AFOSR 67-1695

MATTHIAS B T
AFOSR 67-0156
AFOSR 67-0626
AFOSR 67-1444
AFOSR 67-1610
AFOSR 67-1616
AFOSR 67-2407
AFOSR 67-2746
AFOSR 68-1498

MATTIS D C
AFOSR 67-0108
AFOSR 67-0788
AFOSR 67-0930
AFOSR 68-0584
AFOSR 68-1466

MATTSON H F JR
AFCRL 67-0365
AFCRL 69-0478

MATULA R A
AFOSR 68-0090
AFOSR 68-0461
AFOSR 68-1197
AFOSR 68-1199
AFOSR 68-1200
AFOSR 68-1614
AFOSR 68-2138
AFOSR 68-2297

MATURI M
AFOSR 67-0597

MATZEN W T
AFCRL 68-0307

MAUTZ J D
AFCRL 68-0382

MAXFIELD J E
AFOSR 67-2153
AFOSR 68-0769

MAXWELL E
AFOSR 67-1010
AFOSR 67-1741
AFOSR 67-2424
AFOSR 68-0883

MAY D M
AFOSR 68-2748

MAYBURG
AFCRL 67-0596

MAYEDA W
AFOSR 68-2413

MAYER A L
AFOSR 67-2805

MAYER-JONICKE C
AFOSR 67-0466

MAYES T W
AFOSR 68-1027

MAYBUR C
AFOSR 67-1005

MAYHALL D J
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MAYNE N
AFOSR 68-0889
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MAYO E R
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MAZELSKY N
AFOSR 67-0005
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AFOSR 68-1037

MAZELSKY N
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MAZUR P
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MC CAUGHEY W C
AFOSR 67-1137

MC CAUGHEY W P
AFOSR 67-1138

MC CRACKEN K G
AFCRL 68-0030

MCALEVY R R III
AFOSR 68-1553

MCALLISTER P W
AFOSR 68-0506

MCALPIN J
AFOSR 68-1481

MCALPINE R H
ARL 67-1008I

MCBEE W D
AFOSR 67-1785
AFOSR 68-0781
AFOSR 68-1756

MCBREEN D
AFOSR 67-1324
AFOSR 68-2725
AFOSR 68-2750

MCBRIDE D D
ARL 67-0071U

MCBRIDE R A
AFCRL 67-0694
AFCRL 68-0359

MCCAA D J
AFCRL 67-0237

MCCAMY K
AFCRL 68-0553

MCCANDLES F
ARL 68-0104W

MCCARTHY E F
AFOSR 67-0505
AFOSR 67-1600
AFOSR 67-1974
AFOSR 67-2398
AFOSR 68-2533

MCCARTHY K A
AFCRL 67-0369

MCCARTHY W J
AFOSR 67-1299
AFOSR 67-1300
AFOSR 67-1302
AFOSR 67-1920
AFOSR 68-0338

MCCARTON G D
AFOSR 68-2272

MCCARTY W M
AFOSR 67-2644

MCCAUGHEY W P
AFOSR 68-2062

MCCLOSKEY J W
AFCRL 67-0534

MCCLELLAN D C
AFOSR 67-1845
AFOSR 67-2712
AFOSR 68-0168

MCCOLLUM D C JR
AFOSR 67-0698

MCCOLLUM M
AFOSR 68-2169

MCCONN C
ARL 68-0121V

MCCORMACK P D
AFOSR 67-1023
AFOSR 67-2222
AFOSR 68-0472
AFOSR 68-2156

MCCRACKEN K G
AFCRL 68-0219

MCCRAE J M
AFOSR 67-0036
AFOSR 67-0662
AFOSR 68-0733

MCCURBIN T R JR
AFCRL 67-0437

MCCULLOCH W S
AFOSR 67-0882
AFOSR 68-2603
AFOSR 68-2642

MCCUSKER C B A
AFOSR 68-1965
AFOSR 68-2073
AFOSR 68-2284
AFOSR 68-2285
AFOSR 68-2400
AFOSR 68-2481

MCDANIEL E W
AFOSR 68-2076
AFOSR 68-2328
AFOSR 68-2682

MCDAVID W L
ARL 67-0014T
ARL 68-0026T

MCDONALD N C
AFOSR 68-1173

MCDONALD R L
AFOSR 67-1140
AFOSR 67-2713

AFOSR [illegible]

MCDOWELL C W
AFCRL 67-0001
AFCRL 67-0210
AFCRL 68-0225

MCDOWELL M V
AFOSR 68-2517

MCDUFFIE D
AFOSR 67-0562
AFOSR 67-0553

MCELANEY J H
AFOSR 67-2202

MCELEARNEY J N
AFOSR 67-2480
AFOSR 68-0051

MCELROY J F
AFOSR 67-0763

MCENTEGGERT P
AFOSR 68-1955

MCEVILLY T V
AFOSR 67-0488
AFOSR 68-1432
AFOSR 68-1466

MCEWAN W J
AFOSR 67-1641

MCFADDEN D
AFOSR 67-1498
AFOSR 67-2303
AFOSR 68-2677

MCFARLAND R A
AFOSR 68-1116

MCFARLANE W
AFOSR 67-1611
AFOSR 67-2726

MCGARR A
AFCRL 68-0304

MCGEE T M
AFOSR 68-1598

MCGEE W W
AFOSR 67-1036
AFOSR 67-1301
AFOSR 67-1125

MCGHEE R J
AFCRL 67-0061
AFOSR 67-0451
AFOSR 68-1320
AFOSR 68-1764
AFOSR 68-1966

MCGILLIS D A
AFOSR 67-1144

MCGOWAN W
AFOSR 67-1670

MCGRATH J T
AFOSR 67-1571

MCHALE F T
AFOSR 67-0582
AFOSR 67-0629
AFOSR 67-1760
AFOSR 67-1778
AFOSR 67-1909
AFOSR 67-2411
AFOSR 68-0302
AFOSR 68-1385
AFOSR 68-2408

MCINNIS G N
AFML 67-0190

MCINTOSH H V
AFOSR 67-0081
AFOSR 68-2461

MCINTOSH J A
AFCRL 67-1781

MCINTOSH S C
AFOSR 68-0005

MCINTYRE N S
AFOSR 67-1863
AFOSR 67-1864

MCKAY J W
AFCRL 68-0615
AFOSR 67-1101
AFOSR 67-1478

MCKEE H H
AFOSR 68-2055

MCKELLAR D H J
AFOSR 68-0569
AFOSR 68-1706
AFOSR 68-2567

MCKELVEY J P
AFOSR 67-2263

MCKENNA W W
ARL 67-0246V

MCKENSIE C J
AFOSR 67-1894

MCKENZIE C R
AFOSR 68-1572

MCKENZIE D P
AFOSR 68-1630

MCKENZIE R D
AFOSR 67-2015
AFOSR 67-2016

MCKENNEY J T
AFOSR 67-0533
AFOSR 67-2475

MCKINZIE H L
AFOSR 67-1392

MCLACHLAN D JR
ARL 68-0183U
ASD 68-0197U

MCLAFFERTY F W
AFOSR 67-1367

MCLAIN P L
AFOSR 67-2120

MCLATCHIE W
AFOSR 67-1757

MCLATCHIE WW
AFOSR 67-1745

MCLAUGHLIN D A
AFOSR 68-1555

MCLAUGHLIN H W
AFOSR 68-0159

MCLAY G W
AFOSR 68-1713

MCLEISHMAN W G
ARL 67-1320W

MCLEOD J T
AFOSR 67-1771

MCMAHON P E
AFCRL 68-0027
AFCRL 68-1349

MCMAHON M T JR
AFCRL 68-0596

MCMANUS H
AFOSR 68-2782

MCMENAMIN D L
AFCRL 67-0473
AFCRL 67-0588
AFCRL 68-0037
AFCRL 68-0225

MCMULLEN F E
AFOSR 68-1796

MCNAB L
AFOSR 68-2172

MCNALLY P
AFCRL 67-0123

MCNEELY P L
AFOSR 68-0211

MCNEILL P M
AFOSR 67-1348

MCNIFF E J JR
AFOSR 67-1674
AFOSR 67-1681
AFOSR 67-2157
AFOSR 67-2747
AFOSR 68-0622
AFOSR 68-0559
AFOSR 68-0822
AFOSR 68-0972
AFOSR 68-1010

MCONIE M D
AFOSR 67-2230

MCWHITE P A
AFOSR 67-2603

MCWHAN D B
AFOSR 67-1309

MCWILLIAMS D A
AFCRL 67-0102
AFCRL 67-0567
AFCRL 67-0688

MEADE W D
AFOSR 67-1620
AFOSR 67-1660
AFOSR 67-1722
AFOSR 67-2455
AFOSR 68-2549

MEASURES R M
AFOSR 67-1822
AFOSR 68-1604
AFOSR 68-1022

MECHETTI M
AFOSR 68-0330
AFOSR 68-0821

MEDECKI H
ARL 68-0215U
ARL 68-1135H

MEDICUS G
AFAL 67-0323

MEDINA A
AFOSR 67-2735
AFOSR 68-2087

MEHMAN J W
AFCRL 68-0207

MEEHAN R J
AFOSR 68-2631

MEEK D W
ARL 67-0098T
ARL 67-0132V
ARL 67-1139E

MEER A
AFOSR 68-1918

MEFFERD G H JR
AFOSR 68-2186

MEHR C H
ARL 67-0256V

MEHTA C L
AFOSR 67-0210
AFOSR 67-1451
AFOSR 67-2053
AFOSR 67-2230
AFOSR 68-1050
AFOSR 68-2075
AFOSR 68-2501

MEHTA N K
AFOSR 68-0807
AFOSR 68-0906

MEI R K
AFOSR 68-2122

MEINSCHEIN W G
AFOSR 67-1212

MEISCH J J
AFOSR 67-2275

MEISCH R A
AFOSR 67-0547

MEISEL W S
AFOSR 68-0370
AFOSR 68-0653

MEISELS G G
ARL 68-1329Q
ARL 68-1331A

MEISTER W
AFOSR 67-2783

MELCHER R L
AFOSR 67-2731
AFOSR 68-1527
AFOSR 68-1636

MELLEY D
AFOSR 68-2284

MELLO N K
AFOSR 67-2112
AFOSR 67-2139
AFOSR 67-2140

MELNIK W L
AFOSR 68-1692

MELSA J L
AFOSR 68-2021
AFOSR 68-2025
AFOSR 68-2069

MELTON A W
AFOSR 67-1803
AFOSR 67-1810
AFOSR 67-1824
AFOSR 67-1874
AFOSR 67-2232
AFOSR 67-2233

MELTZ G
AFCRL 67-0159

MELVILLE A T
ARL 67-0244W

MENADUE J F
AFOSR 68-0557

MENARDI P J
AFOSR 67-0713

MENDELL R B
AFCRL 68-0006

MENDELOVICZ E
AFOSR 67-0984

MENES M
AFOSR 68-1493

MENTZONI M H
AFCRL 68-0574
AFCRL 68-0579
AFCRL 68-0601
AFCRL 68-0616

MENYUK P
AFCRL 68-0268

MENZEL D H
AFCRL 67-0035
AFCRL 67-0209
AFCRL 67-0210
AFCRL 67-0217
AFCRL 67-0346
AFCRL 68-0316
AFCRL 68-0197
AFCRL 68-0476
AFCRL 68-0477

MERCER G N
AFOSR 67-0323
AFOSR 67-2617
AFOSR 67-2630

MERGERIAN D
AFOSR 67-1009
AFOSR 68-1002

MERKES E P
AFOSR 67-0357

MERRIAM M F
AFOSR 67-1052

MERRITT G E
ARL 67-1086H
ARL 68-0142U

MERTZ L N
AFCRL 68-0050

MESERVEY H
AFOSR 68-1460

MESSENGER J U
AFOSR 68-0792
AFOSR 68-0293

MESSINGER M
AFOSR 67-1438
AFOSR 67-1914

MESTWERDT H R
ARL 67-0770V
ARL 68-0071T
ARL 68-0100T
ARL 68-0256V
ARL 68-0265V

MESZTENYI C K
AFOSR 68-1160

METCALF F T
AFOSR 68-0159
AFOSR 69-0181
AFOSR 68-0182

METCALFE R M
AFCRL 68-0591

METWIER L H
AFCRL 67-0005

METTKE H J
AFOSR 68-2844

METZNER J J
AFCRL 67-0379
AFCRL 67-0404

METZNER J T
AFCRL 67-0598

MEYER A R
AFOSR 68-0632
AFOSR 68-0651
AFOSR 68-1295
AFOSR 68-1938

MEYER J L JR
AFOSR 68-2808

MEYER K F
AFOSR 68-0554

MEYER L
AFOSR 67-2004

MEYER M
AFOSR 68-0586

MEYER R D
AFOSR 68-1304

MEYER V O
AFOSR 67-0194

MEYERHOF W E
AFOSR 67-0572

MEYERS D A
AFOSR 67-1140

MEYERS L
AFOSR 68-1460

MEZGER P J
AFOSR 68-1084

MICHAEL G A
AFCRL 67-0022

MICHAELS A S
AFCRL 67-0127

MICHARD R
AFCRL 67-0096

MICHELS H H
AFOSR 68-1979
AFOSR 68-1980
AFOSR 68-2080
AFOSR 68-2101
AFOSR 68-2803

MIDDENDORF E R
AFCRL 67-0560

MIDDLETON S
AFOSR 68-0661

MIDTDAL J
AFOSR 67-0199
AFOSR 67-0899
AFOSR 67-1308
AFOSR 67-1653
AFOSR 68-1603

MIELE A
AFOSR 67-0936
AFOSR 67-0937
AFOSR 67-1596
AFOSR 67-2827
AFOSR 67-2840

MIGDAL D
AFOSR 68-0615

MIGLIORELLI P
ARL 67-0015U
ARL 69-0353W

MIGNERON J M H
AFOSR 68-0132

MIGUEL A S
AFOSR 67-1539
AFOSR 68-1110

MIHALAS D
AFOSR 67-0319
AFOSR 67-1119
AFOSR 67-1962
AFOSR 68-1064

MIHALAS M
AFOSR 67-1959

MIHALISIN T W
AFOSR 67-0444
AFOSR 67-0494

MIKKELSEN I S
AFCRL 67-0689

MIKLOSZ J C
AFOSR 67-1782

MIKULAJ P G
AFOSR 67-1181
AFOSR 67-1182
AFOSR 69-1555

MILES G M
AFOSR 67-0657

MILES M G
AFOSR 67-0681
AFOSR 68-2863

MILES M M
AFOSR 68-0586

MILLER A M
AFOSR 68-0518

MILLER G
AFOSR 67-1818
AFOSR 67-2079
AFOSR 68-2681

MILLER H I
AFOSR 68-0724

MILLER C O
ARL 67-0092V
ARL 67-1107A
ARL 67-1131A
ARL 68-0086V

MILLER D L
AFCRL 68-0049

MILLER F G
AFOSR 68-2697
AFOSR 68-2698

MILLER J A
AFOSR 68-2893

MILLER J R
AFOSR 67-0594

MILLER K
AFOSR 67-2757
AFOSR 68-2661

MILLER L J
AFOSR 68-2312

MILLER M K
AFOSR 67-1581

MILLER N E
AFOSR 68-2582

MILLER P S
ARL 68-0033U

MILLER R A
ARL 67-1258C
ARL 68-0024T
ARL 68-1400A

MILLER R K
AFOSR 68-2424
AFOSR 68-2589

MILLER T M
AFOSR 68-2076
AFOSR 68-2628

MILLER W G
AFOSR 67-0851
AFOSR 67-0592

MILLER W H
AFOSR 67-0913
AFOSR 68-0697

MILLER W R JR
AFOSR 68-0386

MILLS D L
AFOSR 68-0930
AFOSR 68-0934

MILLS J J
ARL 67-1074D
ARL 68-0154U
ARL 68-1195B
ARL 68-1378B

MILNE J B
AFOSR 67-0543
AFOSR 67-0544
AFOSR 67-0545

MILNE T A
AFOSR 67-1971
AFOSR 68-1879

MILNES A G
AFCRL 68-0340
AFCRL 68-0530

MILWARD W C
AFOSR 67-0214
AFOSR 67-1343

MINARDI J C
ARL 68-0156U
ARL 68-1365A
ARL 68-1402D

MINC H
AFOSR 67-1054
AFOSR 67-1716
AFOSR 68-0646
AFOSR 68-1762
AFOSR 68-2507

MINEAR J W
AFCRL 67-0069

MINKA K
AFCRL 67-0426
AFCRL 67-0439

MINKOWICH A
AFOSR 67-1157

MINOR J C
AFCRL 68-0287

MINZNER R A
AFCRL 67-0198

AFCRL 67-0335
AFCRL 67-0444

MIRABELLA A
AFOSR 67-1450

MIRANDA W L
AFOSR 68-0043

MISETICH A
AFOSR 68-0882
AFOSR 68-0888
AFOSR 68-1451

MISGUICH J
AFOSR 68-2723

MISHO J
AFCRL 67-0182

MISKOVSKY N N
AFOSR 67-1719

MISLOW K
AFOSR 67-0680
AFOSR 67-1574
AFOSR 67-2379
AFOSR 67-2413
AFOSR 67-2416
AFOSR 67-2483
AFOSR 67-2624
AFOSR 67-2625
AFOSR 68-0498
AFOSR 68-1489
AFOSR 68-1490
AFOSR 68-1592
AFOSR 68-2211
AFOSR 68-2233
AFOSR 68-2234
AFOSR 68-2235
AFOSR 68-2489
AFOSR 68-2490
AFOSR 68-2495
AFOSR 68-2496
AFOSR 68-2497
AFOSR 68-2498
AFOSR 68-2499
AFOSR 68-2500

MITCHELL D L
AFOSR 67-1019

MITCHELL H A
AFCRL 67-0001
AFCRL 67-0002

MITCHELL J E
AFOSR 67-0476

MITCHELL J P
AFCRL 67-0068
AFCRL 68-0250

MITCHELL M A
AFOSR 68-0018

MITCHELL R E
AFOSR 67-2096

MITCHELL T E
AFOSR 67-1158
AFOSR 67-1262
AFOSR 67-2656
AFOSR 68-1775

MITCHNER M
AFOSR 67-2433
AFOSR 68-0625
AFOSR 68-0859
AFOSR 68-2222
AFOSR 68-2555

MITRA A P
AFCRL 67-0418

MITRA N R
AFOSR 68-0055

MITRONOVAS W
AFCRL 67-0326

MITRUKA B M
AFOSR 67-2006
AFOSR 67-2069
AFOSR 68-2176
AFOSR 68-2177
AFOSR 68-2178
AFOSR 68-2180

MITSUHASHI H
AHL 68-1478A

MITTAG L
AFOSR 67-2763

MITTLEMAN M H
AFOSR 67-0642

MITTRA R
AFCRL 67-0192
AFCRL 67-0401
AFCRL 68-0079
AFCRL 68-0362

MIURA H M
AFOSR 68-1021
AFOSR 68-2184
AFOSR 68-2381

MIYAGI T
AFOSR 67-0209

MIYAKAWA T
AFOSR 68-1523

MIZEL V J
AFOSR 67-0849
AFOSR 67-2154
AFOSR 68-0490
AFOSR 68-0910
AFOSR 68-1181
AFOSR 68-1615
AFOSR 68-1641
AFOSR 68-2595

MIZUSHIMA M
AFOSR 68-2108

MLAK W
AFOSR 67-0775

MLAVSKY A I
AFCRL 67-0509
AFCRL 68-0258

MOAZED K L
AFML 67-0035

MOBLEY R M
AFOSR 68-1096

MOCHEL J M
AFOSR 67-0746

MOELLER K D
AFCRL 68-0135

MOERMAN M
AFOSR 68-1942
AFOSR 68-2183

MOFFATT D L
AFCRL 67-0329
AFCRL 67-0490

MOHLER B H
AHL 67-1325A

MOHN L
AFOSR 68-0340

MOISE H GOLDSTEIN M H JR
AFOSR 68-1987

MOJONI A
AFOSR 67-0355

MOK C H
AFAFL 67-0119

MOK K F
AFOSR 67-1297

MOLINEUX C F
AFCRL 68-0572

MOLLER A H
AFOSR 67-0913
AFOSR 68-0697

MOLLO-CHRISTENSEN E L
AFOSR 68-2821

MOLLOW B R
AFCRL 68-0059
AFOSR 68-0136
AFOSR 68-0141

MOLNAR P H
AFCRL 68-0268

MOLOZZI A M
AFCRL 68-0321

MOMII M K
AFOSR 67-1701

MOMMAERTS W F M M
AFOSR 68-1635
AFOSR 68-1685
AFOSR 68-1686
AFOSR 68-1717

MOND B
ARL 67-0138V
ARL 67-0145V
ARL 67-0228
ARL 67-0230
ARL 67-1029A
ARL 67-1030A
ARL 67-1268E
ARL 67-1272E
ARL 68-0090V
ARL 68-0176V
ARL 68-0275V
ARL 68-0276V
ARL 68-0288V
ARL 68-0347V
ARL 68-1272L

MONROE B M
AFOSR 68-1271

MONROE J L
AFOSR 68-1623

MONS R F
AFOSR 68-1666

MONSO J M
AHL 67-1095B
AHL 67-1096B

MONTALCINI R L
AFOSR 68-2332
AFOSR 68-2788

MONTALVO R A
ARL 68-0226V
ARL 68-0296V
ARL 68-1483A

MONTEITH L K
AFOSR 68-2638

MONTERDE-GARCIA A
ARL 67-0263W

MONTGOMERY D B
AFOSR 67-2371

MONTI R
ARL 67-1187W

MOO C A
AFCRL 67-0172

MOON D M
AFOSR 67-0968

MOORE A M
ARL 67-0027V
ARL 67-0116V
ARL 67-0130V
ARL 67-0186V
ARL 68-0038V
ARL 68-0088V
ARL 68-0278V

MOORE C P
AFOSR 67-0446
AFOSR 67-2193
AFOSR 68-2784

MOORE M
AFCRL 67-0280

MOORE J C
AFOSR 68-1285

MOORE J S
AFCRL 67-0056

MOORE R T
AFOSR 68-1231

MOORE W M
AFCRL 67-0496

MOOS H W
AFOSR 68-2114

MORALES W J
AFOSR 67-2837

MORAN J P
AFOSR 68-0319
AFOSR 68-0464

MORAN T J
AFOSR 68-2836

MORANDI G
AFOSR 67-2652

MORAVCSIK M J
AFOSR 68-0139

MORAWETZ C S
AFOSR 68-1513

MORDOH J
AFOSR 67-2095

MOROUCHOW M
AFOSR 68-2834

MORE K A
AFCRL 67-0149
AFCRL 68-0320

MORE R M
AFOSR 68-1829

MOREHOUSE R
AFOSR 67-0188

MOREHOUSE R L
AFOSR 67-0013
AFOSR 67-0014

MORELLI C
AFCRL 67-0524
AFCRL 68-0327

MORELLI G
AFCRL 67-0492

MORENCOS J
AFOSR 67-0308
AFOSR 68-1468

MORENO V R
AFOSR 68-1707

MORENO-DIAZ R
AFOSR 67-0882

MORGAN A H
AFOSR 67-1197
AFOSR 67-2729
AFOSR 68-1984

MORGAN B S
SRL 68-0017

MORGAN B S JR
SRL 67-0007

MORGAN K C
AFCRL 67-0379
AFCRL 67-0594

MORGAN M G
AFCRL 68-0125

MORGAN R C
AFCRL 67-0073
AFCRL 68-0084
AFOSR 67-1859

MORGAN T
ARL 67-1050M

MORGENTHALER F R
AFCRL 67-0255
AFCRL 67-0661
AFCRL 67-0662
AFCRL 67-0664

MORI K
AFOSR 67-1014

MORIARTY K
AFOSR 68-0132

MORICONI E J
AFOSR 68-0668

MORIN J J JR
AFCRL 67-0620

MORITA T
AFCRL 67-0208

MORITZ H
AFCRL 67-0044
AFCRL 67-0169
AFCRL 67-0626
AFCRL 68-0298

MORLAND L W
AFOSR 67-2453

MORRIS F J
AFCRL 67-0411
AFCRL 67-0415
AFCRL 67-0417
AFCRL 67-0452
AFCRL 68-0102

MORRIS G C
AFOSR 68-1253
AFOSR 68-1255

MORRIS J C
ARL 68-0103U
ARL 68-1127M
ARL 68-11838
ARL 68-1184M
ARL 68-11850

MORRIS J M
AFOSR 67-0768

MORRIS L A
AFOSR 67-2450

MORRIS M D
AFOSR 68-2010

MORRIS P D
AFOSR 68-2478

MORRIS R M
AFOSR 68-1684

MORRISON G
ARL 67-1176N

MORRISON M B
ARL 68-0118T

MORRISON M E
ARL 67-0183V
ARL 67-0271T
ARL 67-1127A
ARL 68-0056V
ARL 68-0064T
ARL 68-0319V
ARL 68-1007A
ARL 68-1048A
ARL 68-1073A
ARL 68-1301A
ARL 68-1433A

MORRISON R T
AFOSR 67-1059

MORRISSEY J
AFCRL 67-0483
AFCRL 68-0319

MORRISSEY J F
AFCRL 67-0604

MORSE D L
AFOSR 68-1756

MORSE S P
AFOSR 68-1391
AFOSR 68-2577

MORSE T F
AFOSR 67-1280
AFOSR 67-1935
AFOSR 68-2423

MORTENSEN R E
AFOSR 67-0424

MORTON D C
AFOSR 68-1794

MORUZZI G
AFOSR 67-2354
AFOSR 68-2317

MORUZZI R L
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MULLEN M
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NANYSLOWSKI N M
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NELSON J W
AFOSR 68-0898

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AFOSR 68-0685
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NOBLE M
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ODONNOR L J
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OLIVER O A
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OLSON W A
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OLVER J W
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OMURA J K
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AFOSR 67-0617
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OSSING H A
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PARKE N G
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PARKS S I
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PATTERSON T N L
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PAYNE M
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POWERS S G
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PULVER E F
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RADULOVACKI M
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RAFFA A L
AFOSR 68-1623

RAFFO P L
AFOSR 67-1262

RAGAZZINI J R
AFOSR 68-0587

RAGHAVACHARI M
AFOSR 68-1276

RAGHAVAN S
AFOSR 68-0042

RAHMAN M
AFOSR 67-1636

RAHNEBERG E
AFCRL 67-0299

RAI D K
AFOSR 68-1069

RAJAGOPAL A K
AFOSR 67-0591

RAJAGOPALAN M
AFOSR 68-2295

RAJARAMAN R
AFOSR 68-2279
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RALSTON R JR
ARL 67-0107V

RALSTON T D
AFOSR 68-0109

RAM M
ARL 68-1100N

RAMAKRISHNAN T V
AFOSR 68-2420

RAMAMOORTHY C V
AFOSR 68-1780

RAMAN A
AFOSR 67-1669
AFOSR 67-1782
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RAMAYYA A
ARL 67-1175N

RANDIN S
ARL 67-0150U

RANGANATHAN S
ARL 67-1158N

RANNESTAD A
AFCRL 67-0060
AFCRL 67-0288
AFCRL 67-0581
AFCRL 67-0636
AFCRL 68-0136
AFCRL 68-0534

RANSOM P L
AFCRL 67-0401

RAO B L J
AFCRL 67-0383

RAO C N N
AFCRL 67-0089
AFCRL 67-0191

RAO K M
AFCRL 68-0185

RAO K N
ARL 67-1306M

RAO N C R
AFCRL 68-0090

RAO P B
AFOSR 68-1125
AFOSR 68-1126

RAO T N
AFOSR 67-0130

RAO U R
AFCRL 68-0030

RAO V N M
AFOSR 68-0435

RAPHAEL B
AFCRL 67-0370

RAPHAEL C
AFOSR 68-1773

RAPP F
AFOSR 68-0545

RAPP R A
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RAPP R M
AFCRL 67-0151
AFCRL 68-0195
AFCRL 68-0386

RAPPAPORT S
AFOSR 68-0164

RAPPAPORT S A
AFOSR 68-0574

RASMUSSEN N C
AFCHL 67-0104

RASOR N
ARL 68-1101N

RASOR N S
ARL 68-0069T

RASSHACH M E
AFOSR 67-2523

RATHGEBER M M
AFOSR 68-2400

RAUB C J
AFOSR 67-0159
AFOSR 67-0510

RAUB E
AFOSR 67-0159
AFOSR 67-0510

RAUCH M E
AFOSR 67-2357
AFOSR 67-2358
AFOSR 68-2259

RAUTAMARJU P M
AFOSR 67-2273

RAVAGE D K
AFOSR 67-1687

RAWER
AFCRL 67-0503

RAWLS J M
AFOSR 68-2745

RAY J
ARL 68-0150V
ARL 68-0168V

RAYMOND F A
AFOSR 68-1322

RAYMOND J C
AFCRL 67-0182

RAYMUND M
AFOSR 67-0792

RAYNER D R
AFOSR 68-2233
AFOSR 68-2490
AFOSR 68-2498

RAZMI M S K
AFOSR 67-2822

READIO P D
AFOSR 68-2584

REAM B C
AFOSR 67-0030

RECHTIEN J
AFOSR 67-1183

REDDY R J
AFCRL 67-0582
AFCRL 67-0634
AFCRL 67-0672

REEBER R R
ARL 67-0123U
ARL 67-0246W
ARL 68-0183U
ARL 68-0197U

REEBER R. R.
AHL 68-1404B

REED I S
AFOSR 67-0464

REED T B
AFOSR 68-0883

REES H
ARL 67-1332H

REESE B G
AFOSR 67-0413
AFOSR 67-2036
AFOSR 68-1268

REESE H C
AFOSR 68-0979

REGAN E
AFOSR 68-1838

REGENER V H
AFCRL 67-0029

REGENSBURGER P J
AFOSR 67-1143
AFOSR 67-1728

REGGIORI A
ARL 67-0052U

REMBERG R
AFOSR 68-0709

REHM R G
AFOSR 67-1180
AFOSR 68-1609
ARL 67-0069U
ARL 67-1216B

REICHARDT W E
AFOSR 67-2262

REICHENBACHER P H
AFOSR 68-2906
AFOSR 68-2907
AFOSR 68-2908
AFOSR 68-2910

REICHERT J F
AFOSR 68-1459
AFOSR 68-1467

REICHMAN S
AFOSR 67-2842
AFOSR 68-2846

REID A F
AFOSR 67-1436
AFOSR 67-1628
AFOSR 68-1476
AFOSR 68-1477

REID W T
AFOSR 67-0216
AFOSR 67-1996
AFOSR 67-2505
AFOSR 68-0966
AFOSR 68-2585

REIDY W P
AFCRL 67-0231
AFCRL 67-0618

REILLIY C N
AFOSR 67-0542
AFOSR 67-0553
AFOSR 68-2321

REILLY A E
AFCRL 67-0670

REILLY J P
AFOSR 68-1536

REILLY M H
AFOSR 67-2764

REINBERG A R
AFOSR 68-0149
AFOSR 68-0680

REINE M
AFOSR 67-0155
AFOSR 68-0178

REINHARD E A
AFOSR 68-1658

REINISCH R
AFCRL 68-0106

REINISCH B W
AFCRL 67-0114

REINMOLLER M
AFOSR 67-1006

REISER M
AFCRL 67-0093

REISMANN H
AFOSR 67-0565
AFOSR 68-0238
AFOSR 68-0577
AFOSR 68-1735

REISS F A
AFCRL 67-0148

REITE M L
AFOSR 67-2107

REKOSH J H
AFOSR 67-1725
AFOSR 67-2749

REMEIKA J P
AFOSR 67-0156

REMEIKES A
AFOSR 68-2799

RENAULT J
AFOSR 67-2562
AFOSR 67-2564

RENNER B
AFOSR 67-0071
AFOSR 67-0872
AFOSR 67-1692

RESHOTKO E
AFOSR 67-2451

RESNIKOFF M
AFOSR 68-1006

RESPESS W L
AFOSR 67-1429
AFOSR 67-1432

REST A J
AFOSR 68-0889
AFOSR 68-1333

REX A L
AFOSR 68-2731

REYHNER T A
AFOSR 68-1682

REYMOND A
AFOSR 68-0398

REYNOLDS B G
AFOSR 68-2187

REYNOLDS C A
AFOSR 68-0015
AFOSR 68-0016

REYNOLDS O C
ARL 67-0185V
ARL 67-0186V
ARL 67-0174V
ARL 67-1083A
ARL 67-1287A
ARL 67-1288A
ARL 67-1291A
ARL 67-1893A
ARL 67-1316L
ARL 68-0229V
ARL 68-0298V
ARL 68-0304V
ARL 68-0305V
ARL 68-1058L
ARL 68-1060L
ARL 68-1362A
ARL 68-1363A
ARL 68-1370A

REYNOLDS W M
AML 67-0023

REYNOLDS W C
AFOSR 67-2009
AFOSR 67-2043
AFOSR 68-0383
AFOSR 68-0648
AFOSR 68-1568

REYNOLDS W E
AFOSR 67-1466

REZA F M
RADC 67-0378

REZENDE S M
AFCRL 67-0661
AFCRL 67-0681

RHODES J L
AFOSR 67-1274

RHODES J M
AFOSR 67-2107
AFOSR 68-0487

RHODIN T N
AFOSR 67-1173
AFOSR 67-2316
AFOSR 67-2318
AFOSR 68-0057
AFOSR 68-1645
AFOSR 68-1805
AFOSR 68-1818

RIBNER H S
AFOSR 67-0278

RICCHIUTI N V
AFOSR 68-1686
AFOSR 68-1692
AFOSR 68-1717

RICCI G F
AFOSR 67-0099
AFOSR 68-0196

RICE J R
AFOSR 68-0325

RICE S A
AFOSR 67-0041
AFOSR 67-0048
AFOSR 67-0092
AFOSR 67-0093
AFOSR 67-0226
AFOSR 67-0270
AFOSR 67-0644
AFOSR 67-0878
AFOSR 67-1671
AFOSR 67-1673
AFOSR 67-2164
AFOSR 67-2186
AFOSR 67-2187
AFOSR 67-2445
AFOSR 67-2446
AFOSR 67-2671
AFOSR 68-0028
AFOSR 68-0029
AFOSR 68-0046
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AFOSR 68-0059
AFOSR 68-0421
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AFOSR 68-0721
AFOSR 68-0785
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AFOSR 68-1185
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AFOSR 68-1761
AFOSR 68-1977
AFOSR 68-2000
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RICH J W
AFOSR 67-1180
AFOSR 68-0240
AFOSR 68-1609

RICHARD N A
AFOSR 67-0037

RICHARDS K J
ARL 67-0078V
ARL 67-0216T
ARL 68-0162V

RICHARDS P B
AFOSR 68-0912

RICHARDS W
AFOSR 68-2285

RICHARDS W A
AFOSR 68-2098

RICHARDSON C P
AFOSR 68-1665

RICHARDSON G A
ARL 68-0101U

RICHARDSON J R
AFCRL 67-0046
AFCRL 67-0427
AFCRL 68-0048
AFCRL 68-0488

RICHARDSON N
AFOSR 68-0881

RICHARDSON N F
ARL 68-0321V
ARL 68-0322V
ARL 68-1075A
ARL 68-1431E

RICHARDSON P O
ARL 67-0128V
ARL 67-0275U
ARL 68-0048T
ARL 68-0334W

RICHIF C G
AFOSR 67-0712
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RICHOTTE J F
AFCRL 68-0488

RICHTER J
AFML 68-0044

RICHTER S L
AFCRL 67-0261
AFCRL 67-0298

RICHTER W J JR
AFCRL 67-0413

RIDER D
AFOSR 67-0223
AFOSR 67-0869
AFOSR 67-0899
AFOSR 67-2119

RIECKER R E
AFCRL 67-0475

RIEDER Z
AFOSR 67-2418

RIEHL J J
AFOSR 67-1433

RIEHL N W
ARL 67-1310H
ARL 67-1314H

RIERA J
ARL 67-0228U
ARL 67-10938
ARL 67-10948
ARL 67-10958
ARL 67-10968
ARL 68-0107U

RIGBY G A
AFOSR 67-0339
AFOSR 68-0089

RIGHINI G
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RILEY G F
AFCRL 68-0256

RILEY J A
AFCRL 68-0025

RILEY N
AFOSR 68-0649

RIMER M
AFOSR 68-0148

RINALDI G
ARL 68-1147J

RINALDI G M
ARL 67-1141J

RINDLER W A
AFOSR 68-0126

RINEY T
AFATL 67-0167

RINEY T D
AFATL 67-0119

RING R M
AFCRL 67-0112

RISSMANN E
AFCRL 68-0160
AFCRL 68-0492

RISTOW G W
AFOSR 68-0044

RITT R K
AFCRL 67-0008

RITT ROBERT K
AFCRL 67-0239

RIVANO C
AFOSR 67-1495
AFOSR 68-0944

RIVEROS J M
AFOSR 68-2842

RIVERS R J
AFOSR 67-1642

RIZVI M M
ARL 67-0117V

RIZZO P E
ARL 67-0163V
ARL 67-1160C
ARL 68-0081V
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ARL 68-1174A

RIZZOLATTI G
AFOSR 67-2843
AFOSR 67-2846
AFOSR 68-2692
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ROACH D V
AFOSR 67-1922

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ARL 67-1249C
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ROBERTIS E D
AFOSR 67-1103
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ROBERTS W D JR
AFOSR 67-1336

ROBERTS D
AFOSR 67-0435

ROBERTS G P
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ROBERTS M N
AFOSR 68-0878
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ROBERTS J E
AFOSR 67-0141

ROBERTS K M
AFOSR 67-1825
AFOSR 67-2235

ROBERTS R G
AFOSR 67-2793
AFOSR 67-2822

ROBERTSON M P
AFOSR 68-2194

ROBERTSON W W
AFOSR 67-0477
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AFOSR 67-0532
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AFOSR 67-2259

ROBINSON A L
ARL 67-1311M

ROBINSON C P
AFOSR 68-0900

ROBINSON D W
AFOSR 67-1607

ROBINSON E A
AFCRL 67-0141

ROBINSON G
AFOSR 67-2244

ROBINSON G W
AFOSR 67-2443

ROBINSON M G
AFOSR 68-2798

ROBINSON J A
AFOSR 68-0928
AFOSR 68-0896

ROBINSON J J
AFCRL 68-0070

ROBINSON W M
AFOSR 67-0968
AFOSR 67-1493

ROBISCOE R T
AFOSR 67-2328

ROBSON B A
AFOSR 68-0899

ROBSON D
AFOSR 67-0448
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AFOSR 68-0902

ROBY T B
AFOSR 67-1868

ROCHEFORT J S
AFCRL 67-0338

ROCKAFELLAN R T
AFOSR 67-1390
AFOSR 68-0280
AFOSR 68-2435
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RODGERS A
AFOSR 67-1634

RODGERS P W
AFOSR 67-2085

RODINE E T
ARL 67-1337A
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RODKIEWICZ C M
AFOSR 67-2451

RODLEIGH
AFOSR 67-1664

RODRIGUEZ P A
AFOSR 68-0364

ROEDERSHEIMER R
ARL 67-1202M

ROEDENSHEIMER R J
ARL 67-1012J
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ROELOFS W L
AFOSR 67-1431

ROESSLER M
AFOSR 67-0679
AFOSR 68-2166
AFOSR 68-2167
AFOSR 68-2169
AFOSR 68-2170

ROFFMAN E M
AFOSR 68-0926
AFOSR 68-1263

ROGERS J B
AFOSR 67-2857

ROGERS K L
AFCRL 68-0177

ROGERS L B
AFOSR 67-2806

ROGERS M
AFOSR 67-2489
AFOSR 68-1361

ROGERS R R
AFCRL 68-0155

ROGGE W M
AFCRL 68-0247

ROHREN R A
AFOSR 68-2006
AFOSR 68-2078
AFOSR 68-2460
AFOSR 68-2462
AFOSR 68-2610
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ROHRL M
AFOSR 67-2715

ROLAND G
AFCRL 67-0095
AFCRL 67-0478
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ROLDAN R
AFOSR 68-0465

ROLFE E
AFCRL 67-0348
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ROM J
ARL 67-0005U
ARL 67-0036W
ARL 67-0037W
ARL 67-0121U
ARL 67-0289W
ARL 68-0014U
ARL 68-0015U
ARL 68-0047T
ARL 68-0155W
ARL 68-0189W
ARL 68-0218U

ROMAN P
AFOSR 67-0120
AFOSR 67-0125
AFOSR 67-0673
AFOSR 67-1357
AFOSR 67-2196
AFOSR 67-2239
AFOSR 67-2243
AFOSR 67-2317
AFOSR 67-2520
AFOSR 68-0760
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ROMAN W C
ARL 67-0232V
ARL 67-1072A
ARL 67-1073A
ARL 67-1075A
ARL 67-1207L
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ROMBALSKI W F
AFCRL 68-0408

ROME J M
AFOSR 68-1797

ROMITI A
AFOSR 68-1747
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RON A
AFOSR 67-1011

RONA P
AFOSR 68-0212

RONAT E E
AFOSR 67-0272

ROHL .880220
AFCRL 67-0069

ROHNANG B D
AFCRL 67-0579

ROONEY T P
AFCRL 67-0478
AFCRL 68-0672

ROOS B E
AFOSR 67-0867
AFOSR 67-2274

ROOS F W
ARL 67-0046W

ROOSILD S
AFCRL 67-0184

ROPER R B
AFCRL 68-0392

ROS P
AFOSR 67-1633

ROSA N
AFOSR 67-1495

ROSADINI A
AFOSR 68-0843

ROSADINI G
AFOSR 67-0503
AFOSR 67-0504
AFOSR 67-1430
AFOSR 67-1481
AFOSR 67-1495
AFOSR 67-1627
AFOSR 67-1855
AFOSR 67-1856
AFOSR 68-0944

ROSCHEL E
AFOSR 67-0510

ROSCISZEWSKI J
AFOSR 67-1318
AFOSR 67-2068
AFOSR 67-2684

ROSE E
AFOSR 67-2493

ROSE G F
AFCRL 67-0364
AFCRL 67-0868
AFCRL 68-0472

ROSE H F
AFOSR 68-2351
AFOSR 68-2629

ROSE H H
AFOSR 67-1248

ROSE N J
ARL 68-1046N

ROSEN A
AFOSR 67-0690
AFOSR 67-1003
AFOSR 67-2310
AFOSR 68-1936

ROSEN A N
AFCRL 68-0061

ROSEN J
AFOSR 67-0549
AFOSR 67-0550
AFOSR 67-0673

ROSEN R
AFOSR 67-0901
AFOSR 67-0906
AFOSR 67-1666
AFOSR 67-1705
AFOSR 67-2780

ROSEN R M
AFCRL 67-0687
AFCRL 68-0086

ROSEN S P
AFOSR 68-0393

ROSENBAUM H
AFOSR 68-0847

ROSENBAUM P S
AFCRL 68-0070

ROSENBERG N W
ARL 68-1229W

ROSENBERG R M
AFOSR 67-0897

ROSENBERG T J
AFOSR 67-2531

ROSENFELD A
AFCRL 67-0467

ROSENGREEN A
AFCRL 67-0218

ROSENTHAL P L
AFOSR 68-2596

ROSEVEAR D T
AFOSR 67-1128
AFOSR 68-0888

ROSNER D E
AFOSR 67-0468
AFOSR 67-1986
AFOSR 67-1995
AFOSR 67-2042
AFOSR 67-2256
AFOSR 67-2597
AFOSR 68-1202
AFOSR 68-1286
AFOSR 68-2665
AFOSR 68-2824

ROSNER L G
AFOSR 67-0103
AFOSR 67-2575

ROSS D
AFOSR 67-0256

ROSS D K
AFOSR 68-1365

ROSS D L
AFOSR 68-1926

ROSS G G
AFOSR 68-2613

ROSS J
AFOSR 67-0268
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ROSS J F
AFOSR 67-1819
AFOSR 68-2766

ROSS K J
AFOSR 68-2594

ROSS W D
ARL 67-0004U
ARL 67-1122A
ARL 68-0066U
ARL 68-0140W
ARL 68-0212U
ARL 68-1438A

ROSSEN J B
AFOSR 67-0629
AFOSR 67-0630
AFOSR 67-0631

ROSSETTI C
AFOSR 68-0864

ROSSI C P
AFOSR 68-0945

ROSSI G P
AFOSR 67-0503
AFOSR 67-0504
AFOSR 67-1430
AFOSR 67-1480
AFOSR 67-1481
AFOSR 67-1498
AFOSR 67-1627
AFOSR 67-1855
AFOSR 67-1856
AFOSR 68-0043
AFOSR 68-2365

ROSSMAN E
AFOSR 67-1811

ROSSMANN T G
AFOSR 67-0981

ROTCH A L
AFCRL 67-0031

ROTH C M JR
AFOSR 67-1891
AFOSR 68-1658

ROTHBERG G M
AFOSR 67-1107

ROTHBERG J E
AFOSR 68-1396

ROTHE F W
AFOSR 67-2011
AFOSR 67-2069
AFOSR 67-2258
AFOSR 68-2428

ROTHENBERG D
AFOSR 67-0415
AFOSR 67-1489

ROTHENBURY R A
AFOSR 67-0545

ROTHFARB W
AFOSR 68-2280

ROTHWELL P L
AFCRL 67-0674

ROTMAN W
AFCRL 67-0280

ROUSSEAU V
AFOSR 67-0198

ROWLAND F S
AFOSR 67-1379

ROWLANDS G
AFOSR 67-1912

ROXBURGH I W
AFCRL 67-0195

ROY R
AFOSR 68-0641
AFOSR 68-0914

RUBBERT P E
AFOSR 67-1166

RUBEL L A
AFOSR 68-0788

AFOSR 68-0789
AFOSR 68-0986
AFOSR 68-1405
AFOSR 68-2242
AFOSR 68-2295

RUBIN L
AFOSR 67-1186

RUBIN S G
AFOSR 67-1118
AFOSR 68-0633
AFOSR 68-1368
AFOSR 68-2816

RUBINI S
AFOSR 68-1259

RUBINOFF M
AFOSR 67-1952
AFOSR 68-1899
AFOSR 68-1900

RUBINSTEIN M H
AFOSR 68-2568

RUBY P R
AFCRL 67-0231

RUCK P R
AFOSR 67-0714

RUDIN W
AFOSR 67-1944
AFOSR 67-1966
AFOSR 68-0705

RUDJONO T
AFOSR 67-0207

RUDMAN R
AFOSR 67-2125
AFOSR 68-0041

RUDMAN S
AFOSR 67-1118
AFOSR 68-1368
AFOSR 68-2816

RUDNICK I
AFOSR 68-0623

RUELL D
AFOSR 67-1559

RUGER C J
ARL 67-0131W
ARL 68-0035W

RUM R
ARL 67-0170V
ARL 67-1338A
ARL 68-0046V
ARL 68-0235V
ARL 68-0332V
ARL 68-1376C

RULF B
AFCRL 67-0671
AFCRL 68-0093

RUNDLE H W
AFOSR 67-0665
AFOSR 67-0671

RUNSTADLER P W
AFOSR 68-0648

RUNSTADLER P W JR
ARL 67-0142U

RUPERT G F
AFCRL 68-0383

RUPPIN H
AFML 67-0256

RUSH M L
AFOSR 67-1813

RUSHFORTH C K
AFCRL 67-0070
AFCRL 67-0289

RUSSEL R D
AFOSR 67-0943

RUSSELL G K
AFOSR 68-1703

RUSSELL H G
AFOSR 68-0379

RUSSELL J D
AFOSR 67-2465

RUSSELL J E
AFOSR 68-0106
AFOSR 68-2241

RUSSELL J K
AFOSR 67-1665
AFOSR 68-2802

RUSSELL K C
AFOSR 67-0507

RUSSO M
ARL 68-1103M

RUST J B
AFOSR 68-2012

RUSTGI M L
AFOSR 68-0714

RUSTUM R
AFOSR 67-0051

RUTLEDGE C O
AFOSR 68-0604
AFOSR 68-2712

RYALL A
AFOSR 67-0529
AFOSR 68-1435

RYAN C E
AFCRL 67-0436

RYAN F B
AFOSR 68-2652
AFOSR 68-2853

RYAN H F
AFOSR 67-1412

RYAN N W
AFOSR 67-2028
AFOSR 68-0034
AFOSR 68-0243
AFOSR 68-1191
AFOSR 68-1665

RYDBECK O E H
AFCRL 68-0067
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SAALFELD F E
AFOSR 68-2517

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SACHS A
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SACKS B
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SAGAN C
AFOSR 68-1053

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SAGE A P
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AFOSR 67-0107
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AFOSR 67-1151
AFOSR 67-1629
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AFOSR 67-1708
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AFOSR 67-0161

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AFCRL 67-0170

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AFCRL 67-0043
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SALMELA H A
AFCRL 68-0550

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SALOP A
AFOSR 67-1111

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AFOSR 67-1898
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AFOSR 67-2264
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AFCRL 67-0348
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SAMEROFF A
AFOSR 67-1803

SAMPLE H H
AFOSR 68-1080

SAMPSON S F
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SAMSON E W
AFCRL 67-0541

SANCHEZ A
AFOSR 67-1842

SANCHEZ A D
AFOSR 67-2694

SANDBERG G L
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AFCRL 68-0006

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AFOSR 68-2234
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AFOSR 67-0067
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ARL 67-0150U
ARL 67-0158U
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SANDROCK R
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SANDS D E
ARL 68-0321V
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SANDSTROM A E
AFCRL 68-0018
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SANTIBANEZ G H
AFOSR 68-0663

SANTELLI R M
AFOSR 68-2131
AFOSR 68-2632

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AFOSR 68-2484

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AFOSR 68-0759

SARACHIK M P
AFOSR 67-2728
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SARGENT W L W
AFOSR 68-0990

SARIO L
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AFOSR 67-1508

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AFOSR 68-0201

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SASS S L
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AFOSR 67-2381
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AFOSR 67-2385
AFOSR 67-2626

SATO R
AFCRL 67-0262
AFCRL 67-0639
AFOSR 67-2141
AFOSR 67-2150
AFOSR 67-2707

SATO Y
AFCRL 67-0291
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SAUR E
AFOSR 67-2589

SAUTER F J
AFOSR 68-2491

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AFOSR 67-2555
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AFCRL 67-0473

SAWYER F
ARL 67-0099T

SAWYER R F
AFOSR 67-2004
AFOSR 67-2021
AFOSR 68-0225
AFOSR 68-1204
AFOSR 68-1624

SAXENA N M
AFOSR 68-1530

SAXER R K
ARL 67-0247V

SCADRON M
AFOSR 67-1609

SCADRON M D
AFOSR 67-1643
AFOSR 67-1704

SCAGGS N E
ARL 67-0154V
ARL 67-1220A

SCALA S M
AFOSR 67-0605

SCALAPINO D J
AFOSR 67-0373
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SCARAMELLI P
AFOSR 67-1342

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AFCRL 67-0493
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SCHADACH D J
AFOSR 67-1060

SCHADEE A
AFOSR 67-1013
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AFOSR 67-1184
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SCHAEFER J F
AFOSR 67-0589
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SCHAFER R C
AFCRL 67-0329

SCHAFER R M
AFCRL 67-0691

SCHANZ P
AFCRL 67-0099

SCHAPPERT G T
AFCRL 67-0323
AFCRL 68-0169
AFCRL 68-0218
AFCRL 68-0345

SCHARFMAN W E
AFCRL 68-0192

SCHAUBLE J J
ARL 68-1229M

SCHEAHER L D
AFOSR 67-0984
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SCHECHTER R
AFOSR 68-2701

SCHECHTER I
AFOSR 67-2363
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SCHECHTER J
AFOSR 67-0027

SCHEGGI A M
AFCRL 67-0357
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SCHEICK J T
AFOSR 67-0961

SCHEIN E H
AFOSR 68-1408

SCHELL A C
AFCRL 67-0494

SCHELLER K
ARL 67-0271T
ARL 67-1101A
ARL 67-1124A
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ARL 67-1127A
ARL 68-0013V
ARL 68-0118T
ARL 68-0177V
ARL 68-0314V
ARL 68-0320V
ARL 68-0327V
ARL 68-1045A
ARL 68-1072A
ARL 68-1073A
ARL 68-1074A
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ARL 68-1082A
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SCHEMPF J M
AFOSR 67-0540

SCHENCK A
AFOSR 68-1107

SCHERBERG M G
ARL 67-0031V
ARL 67-0192V
ARL 67-0197V
ARL 67-1048A
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AFCRL 67-0473
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AFCRL 68-0038
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ARL 68-1343A

SCHFTZ J A
AFOSR 67-2000
AFOSR 67-2046
AFOSR 68-1421

SCHETZEN M
AFCRL 67-0407

SCHIAVO A P
AFCRL 67-0243

SCHICK B M
AFOSR 67-0302
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AFOSR 67-0353
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AFOSR 67-2740
AFOSR 67-2747
AFOSR 68-1010
AFOSR 68-1462
AFOSR 68-1473
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SCHIEDER M M
AFOSR 67-1729

SCHIELE B C
AFOSR 67-0947

SCHIFF L I
AFOSR 67-0971
AFOSR 67-0976
AFOSR 67-2056
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SCHIFFER M
AFOSR 68-0446
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SCHIFFER M M
AFOSR 68-2613
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AFOSR 67-0379

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AFOSR 67-2099
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SCHINDLER J K
AFCRL 67-0602

SCHLAG E W
AFOSR 67-0606
AFOSR 68-0043
AFOSR 68-0044
AFOSR 68-0045

SCHLESSINGER L
AFOSR 68-1630

SCHLIEDER S
AFOSR 67-2613

SCHLUTER M
AHL 68-0196U
AHL 68-1134M

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AFOSR 67-1836

SCHMID G M
AFOSR 68-0496

SCHMID G M
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SCHMIDT M M
AFCRL 67-0200

SCHMIDT G C
AFOSR 67-2030
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SCHMIDT M M
AFOSR 68-0391

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SCHNEIDER J M
ARL 67-1290A
ARL 68-0185V
ARL 68-0246V
ARL 68-0282V
ARL 68-0305V

SCHNEIDER J S
ARL 68-0260V

SCHNEIDER R
AFOSR 67-1320

SCHNEIDERMAN A M
AFOSR 67-0418

SCHNELL W C
AFOSR 68-2588

SCHNOPPER H W
AFOSR 67-1141

SCHNYDERS M
AFOSR 67-0048

SCHONBACH K
AFCRL 67-0584

SCHRADE H O
ARL 67-0119T
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ARL 68-0198T
ARL 68-0211T
ARL 68-1002A
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AFOSR 68-0978

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AFOSR 68-1088

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AFOSR 67-0608
AFOSR 68-0648

SCHREIBER E
AFOSR 67-0142
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ARL 67-1278C
ARL 68-1128A
ARL 68-1129L
ARL 68-1130L
ARL 68-1131L
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ARL 68-1133L
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SCHUBOT E
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SCHULER A M
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SCHULTZ J W
AFOSR 67-2760

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ARL 68-02228

SCHULZ G J
AFOSR 68-2309

SCHULZ H J
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SCHULZ W J
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ARL 68-11838

SCHUMAKER K H
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SCHUMAN H K
AFCRL 67-0552

SCHURER P
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AFCRL 67-0084

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AFOSR 68-0143
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AFOSR 68-1524

SCHWARBERG J E
ARL 67-0213V
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SCHWARTZ A
AFOSR 68-2552

SCHWARTZ B B
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SCHWARTZ C
AFOSR 67-2567
AFOSR 68-1057

SCHWARTZ C M
AFOSR 68-0982

SCHWARTZ H
AFOSR 68-0152

SCHWARTZ H M
AFOSR 67-0578

SCHWARTZ J
AFCRL 67-0593
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SCHWARTZ J T
AFOSR 67-2301
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AFOSR 68-1019

SCHWARTZ R
AFOSR 67-2674

SCHWARTZ S E
AFOSR 68-1184

SCHWARZ J H
AFOSR 68-1227
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AFOSR 68-2534

SCHWARZ K W
AFOSR 67-1016
AFOSR 68-2827

SCHWARZ S E
AFOSR 67-0361
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AFOSR 68-2117

SCHWARZSCHILD M
AFOSR 68-0961
AFOSR 68-1046

SCHWENDIMANN P
AFOSR 67-1915

SCHWINGER J
AFOSR 67-0471
AFOSR 67-0474
AFOSR 67-1145
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AFCRL 67-0564
AFCRL 68-0175

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SCIUTO S
AFOSR 68-1241

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AFCRL 68-0441

SCOPP T S
AFOSR 67-0227

SCOTT B L
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SCOTT B W
AFCRL 67-0500

SCOTT H E
AFCRL 68-0247

SCOTT L
AFCRL 68-0167
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ARL 67-0189U
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AFOSR 67-0064
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AFOSR 68-0117
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AFOSR 68-1850

SEARLS D T
AFOSR 67-0986

SEARR W R
AFOSR 67-1924

SEASHORE C R
AFCRL 67-0457

SEATON A F
AFCRL 67-0090

SEATON W J
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SEBIENE C
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SEDLAR M
AFOSR 67-1868

SEEBASS R
AFOSR 67-0289

SEEGEN M
AFOSR 67-1636

SEELEY J S
AFCRL 68-0496

SEELY L H
AFOSR 67-0613
AFOSR 67-2036
AFOSR 68-1265

SEEMANN G R
AFCRL 67-0687

SEES J E
AFOSR 68-1346

SEGAL B G
AFOSR 68-0305

SEGAL M A
AFOSR 67-2019

SEGAL I
AFOSR 68-1385
AFOSR 68-1386
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SEGAL S J
AFOSR 68-1622

SEGALL M
ARL 68-1352M

SEGINER A
ARL 67-0005U
ARL 67-0036W
ARL 67-0121U
ARL 68-0014U
ARL 68-0015U
ARL 68-0047T
ARL 68-0155W
ARL 68-0189U
ARL 68-0218U

SEGRE G
AFOSR 67-0577
AFOSR 67-0584
AFOSR 67-0585
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AFOSR 68-0429
AFOSR 68-1140
AFOSR 68-2215

SEIDMAN L P
AFOSR 68-2115

SEIRMARCO J A
AFOSR 68-0332

SEIVERT M
AFOSR 68-1843

SEKERA Z
AFCRL 67-0089
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SEKERKA R F
AFOSR 68-1918

SEKINO T
AFOSR 67-1480

SELA M
AFOSR 67-0610
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SELBERG A
AFOSR 68-2009

SELFRIDGE R G
AFOSR 67-2153

SELIGA T A
AFCRL 67-0425
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SELJAAS K G
AFCRL 67-0336
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SELL G R
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AFCRL 67-0613
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SELLEVOLL M A
AFOSR 67-1370

SELLTIZ C
AFOSR 67-0073
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SELWYN L L
AFOSR 67-2018

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AFOSR 67-2362

SEMENZA G
AFOSR 68-0194
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AFOSR 68-0694
AFOSR 68-1398

SEMLYEN J A
AFOSR 67-1206

SEN H K
AFCRL 68-0134
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SEN R N
AFOSR 67-1513

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AFOSR 67-1981

SENGHAPHAN B
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SENIOR J B
AFOSR 67-0544
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SENIOR T B A
AFCRL 67-0111
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SEPUCHA R C
AFOSR 67-1397

SERAPH H
ARL 67-13248

SERAUSKAS R V
AFOSR 67-0006

SERAYDARIAN K
AFOSR 68-1683

SERNAGIOTTO P
AFOSR 67-0137
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SERRIN B
AFOSR 68-1617

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AFOSR 67-0356
AFOSR 68-0281
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AFOSR 67-0688
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SETHARES G C
AFCRL 67-0039

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AFCRL 67-0314

SETHNA P R
AFOSR 67-1615
AFOSR 67-1845
AFOSR 68-2836

SETTI G
AFOSR 67-1128

SETTI R L
AFOSR 68-1248
AFOSR 68-1256

SETTLE L G
AFCRL 67-0167

SEVRAY P A L
ARL 68-0018U

SEWELL G D
AFOSR 67-2432
AFOSR 68-1702

SEXTON M C
AFOSR 67-0002
AFOSR 67-0020
AFOSR 67-0065
AFOSR 67-1112
AFOSR 67-1341
AFOSR 68-1004
AFOSR 68-2250

SEYFERTH D
AFOSR 67-0049
AFOSR 67-0111
AFOSR 67-0201
AFOSR 67-0203
AFOSR 67-0796
AFOSR 67-0983
AFOSR 67-0993
AFOSR 67-1133
AFOSR 67-1295
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SEYLER J M
AFOSR 68-1082

SHALLA T
AFOSR 67-2672
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AFCRL 67-0340
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SHOPER P P
AFOSR 67-2580
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AFOSR 69-0981
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SHAFER M P
AFOSR 68-1769

SHAH R R
ARL 67-02558
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SHAH N J
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SHAH V L
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SHAKERE D
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ARL 68-0325
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SHAMANSKY H
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SHARP J C
ARL 67-00871

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ARL 67-18596
ARL 68-12498

SHARPLAND J G
ARL 67-0268
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SHARPLESS T E
AFOSR 68-2019

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NYU 67-2647

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SHAPIRO G
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SHAPIRO J A
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SHARP L
AFOSR 67-1721
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AFOSR 68-0351

SHARMA R D
AFOSR 68-2559

SHARMA R R
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SHARP L E
AFOSR 67-1170

SHAU-JIN C
AFOSR 67-0121

SHAW C B JR
AFOSR 67-1113
AFOSR 68-0563

SHAW H J
AFCRL 67-0184
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SHAW J F
AFOSR 68-2021

SHAW J M
AFCRL 67-0237
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SHAW L
AFOSR 67-2244

SHAW M P
AFOSR 67-0436
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SHAW P B
AFOSR 67-2579

SHAY J J
AFCRL 67-0605

SHEA J J
AFCRL 68-0548

SHEA M A
AFCRL 67-0687
AFCRL 67-0899
AFCRL 68-0030

SHEA M A
AFOSR 67-0368

SHEASBY J S
AFOSR 67-0322
AFOSR 68-1760

SHERMAN M J
AFOSR 67-1170

SHIFFER C
AFOSR 67-2363
AFOSR 69-0762

SHEIN N P
AFOSR 68-2360

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AFOSR 67-1018
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SHELDON S N
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AFCRL 67-0654

SHEMEN J E
AFOSR 68-2564

SHENDING J
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SHEN M K
AFOSR 68-0311

SHEN L
AFOSR 68-2671

SHEN S F
AFOSR 67-1911
AFOSR 68-0868

SHEPHERD J P G
AFOSR 67-0935

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AFOSR 68-0761

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AFCRL 68-0411

SHEPP A
AFCRL 67-0633

SHERBROOKE E A
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SHERIDAN J
AFOSR 67-0659
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SHERMAN D
AFOSR 67-1361

SHERMAN C H
AFCRL 67-0659
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SHERMAN J H
RML 67-00710

SHERMAN M H
AFOSR 68-2546

SHERMER J F
ARL 68-12114

SHIBATA S
AFOSR 68-0146
AFOSR 68-2858
AFOSR 68-1869

SHIDEMAN P E
AFOSR 68-2339

SHIELDS W L
AFOSR 68-0789

SHIH S
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ARL 68-0061U
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ARL 68-1025R
ARL 68-1026M
ARL 68-1027M
ARL 68-1028M
ARL 68-1029M
ARL 68-1030E
ARL 68-1031M
ARL 68-1032M
ARL 68-1033M
ARL 68-1034M
ARL 68-1035M
ARL 68-1036M
ARL 68-1037M
ARL 68-1038M
ARL 68-1039M

SHIH-I-PAI
ARL 67-1208L

SHIMA F
ARL 68-1222M

SHIMIZU H
AFOSR 67-2263

SHINODAIRA H
AFOSR 67-2528

SHIMOGAKI T
AFOSR 68-1953

SHIN E Z
AFOSR 67-0372

SHIN E E H
AFOSR 67-0171

SHIN H K
AFOSR 68-0719
AFOSR 68-1370
AFOSR 68-1573
AFOSR 68-1733
AFOSR 68-1962
AFOSR 68-2253

SHINE H J
AFOSR 67-0021
AFOSR 67-0022
AFOSR 67-1636
AFOSR 67-2332
AFOSR 68-0392
AFOSR 68-0420
AFOSR 68-1312
AFOSR 68-2777

SHINER T
AFOSR 67-2637
AFOSR 68-1123

SHINGLER K H
AFCRL 67-0613

SHINNAR R
AFOSR 67-2228
AFOSR 67-2229
AFOSR 67-2723
AFOSR 68-0634
AFOSR 68-0639
AFOSR 68-2819

SHIOZAWA L R
ARL 67-0149U
ARL 67-0190U
ARL 68-0153U
ARL 68-1417B

SHIRLAND F A
ARL 67-0282U
ARL 67-1319B
ARL 68-1412B
ARL 68-1416B

SHISHA O
ARL 67-0145V
ARL 67-0228
ARL 67-0254V
ARL 67-1263L
ARL 67-1264L
ARL 67-1266E
ARL 68-0104V
ARL 68-0176V
ARL 68-0280V
ARL 68-0350V
ARL 68-0352V
ARL 68-1241A
ARL 68-1242A
ARL 68-1243A
ARL 68-1244A
ARL 68-1245A
ARL 68-1246A
ARL 68-1247A
ARL 68-1248A
ARL 68-1256A
ARL 68-1258A
ARL 68-1259A
ARL 68-1260A
ARL 68-1271L

SHKAROFSKY I P
ARL 67-0020U
ARL 67-0102U
ARL 68-1446M

SHOONAN H
AFOSR 67-1918

SHOR R E
AFOSR 67-0890
AFOSR 67-1839

SHORE R W
AFCRL 67-0216

SHORE M B
AFOSR 67-1060

SHORT J R
AFCRL 68-0562

SHORT R A
AFCRL 67-0382

SHTRICKER J
AFOSR 67-1087
AFOSR 68-0459

SHUBBER A
AFOSR 67-2658

SHUCHATOWITZ J
AFCRL 68-0929

SHUFORD E H
AFOSR 68-2155
AFOSR 68-2162

SHUFORD E H JR
AFOSR 68-2154
AFOSR 68-2156
AFOSR 68-2157
AFOSR 68-2158
AFOSR 68-2159

SHUFORD E H JR
AFOSR 68-2161

SHUGART H A
AFOSR 67-0661

SHUMAN R
AFCRL 67-0633

SHUTT R L
AFCRL 67-0380

SHYO T
AFOSR 67-2483

SHWARTZ J
AFOSR 68-1505

SHY Y N
AFOSR 67-2575

SHYU W H
AFOSR 67-0427
AFOSR 68-0702

SIAPACA E
AFOSR 68-1448

SICRE J E
ARL 67-1120A

SIDDIQEE M W
AFOSR 68-2895

SIECK L W
ARL 67-1136E
ARL 67-1165N
ARL 68-0006V
ARL 68-0095V

SIEGEL A
AFOSR 67-1120

SIEGEL B M
AFOSR 68-0557

SIEGEL B W
AFOSR 67-0305
AFOSR 67-0306

SIEGEL P
AFOSR 68-0936

SIEGMAN A E
AFOSR 67-1040
AFOSR 67-1401

SIEM M
AFOSR 68-2560

SIENKO N J
AFOSR 67-1636
AFOSR 67-1637
AFOSR 67-1672
AFOSR -1608
AFOSR 67-1628
AFOSR 67-2621
AFOSR 67-2739
AFOSR 68-1676
AFOSR 68-1676
AFOSR 68-1677
AFOSR 68-1678

SIEVERS R E
ARL 67-0066V
ARL 67-0096T
ARL 67-0122V
ARL 67-0213V
ARL 67-0216V
ARL 67-0226
ARL 67-1119A
ARL 67-1120A
ARL 67-1121A
ARL 67-1122A
ARL 67-1123A
ARL 67-1137E
ARL 67-1161D
ARL 67-1192D
ARL 67-1201A
ARL 68-0083V
ARL 68-0140W
ARL 68-1043A
ARL 68-1044A
ARL 68-1086A
ARL 68-1095A
ARL 68-1096N
ARL 68-1178A
ARL 68-1302A
ARL 68-1307C
ARL 68-1430E
ARL 68-1438A
ARL 68-1488B
ARL 68-1489R

SIEVERS R S
ARL 67-0095V

SIEGELMANN R A
AFCRL 68-0843

SIKLOSSY L
AFOSR 68-1594

SILBERG P A
AFOSR 67-0482

SILBEY R
AFOSR 67-1671
AFOSR 68-2483

SILFAST W T
AFOSR 68-1321

SILLEN L G
AFOSR 67-0952
AFOSR 67-1311

SILVA P R P
AFOSR 68-0804

SILVER L
AFCRL 68-0163

SILVERMAN L M
AFOSR 68-1304

SILVERMAN S
AFCRL 67-0438

SILVERSTEIN L
AFOSR 67-1880

SIMMERING L R
AFCRL 68-0191

SIMMONS H D
AFOSR 67-1133

SIMMONS H D JR
AFOSR 67-0111

SIMMONS R F
AFOSR 67-0583
AFOSR 67-0586
AFOSR 67-0678
AFOSR 67-1990

SIMON H A
AFOSR 67-0260

SIMON I
AFOSR 68-2152

SIMON M
AFOSR 67-2635
AFOSR 68-1051

SIMON M S
AFOSR 67-2857

SIMONEN T C
ARL 67-0012U
ARL 68-0338M
ARL 68-0340M
ARL 68-1062B

SIMPSON J A
AFOSR 67-1081
AFOSR 67-1198
AFOSR 67-1206
AFOSR 67-1212
AFOSR 67-1611
AFOSR 68-0654
AFOSR 68-0707
AFOSR 68-0886

SIMPSON S
ARL 67-1082I

SINANOGLU O
AFOSR 68-2571

SING C Y
AFCRL 68-0082

SINGER J
AFOSR 67-0467
AFOSR 67-1929
AFOSR 67-1942
AFOSR 67-2442
AFOSR 68-0085
AFOSR 68-0629
AFOSR 68-0670
AFOSR 68-1488
AFOSR 68-1787
AFOSR 68-1934
AFOSR 68-1944
AFOSR 68-2352

SINGER J R
AFOSR 68-

SINGER P
AFOSR 67-1749

SINHA R
ARL 68-0160U

SINSKY J
AFOSR 67-1615

SINSKY J A
AFOSR 68-1284

SIRIGNANO W A
AFOSR 67-1535
AFOSR 68-1792

SIRKIS M D
AFCRL 67-0056
AFCRL 67-0292

SISSENWINE N
AFCRL 68-0550

SJOGREN H
AFCRL 68-0074

SKEEN C H
AFCRL 67-0102

SKEHAN J W
AFCRL 67-0603

SKELL P S
AFOSR 67-0044
AFOSR 68-2584
AFOSR 68-2898
AFOSR 68-2899
AFOSR 68-2900
AFOSR 68-2904
AFOSR 68-2905
AFOSR 68-2906
AFOSR 68-2907
AFOSR 68-2908
AFOSR 68-2909
AFOSR 68-2910

SKERBELE A
AFOSR 67-0193
AFOSR 67-0194
AFOSR 68-2594

SKIPSTAD J G
ARL 67-0228V

SKILLMAN S
ARL 68-0244V
ARL 68-14108

SKINNER C W
ARL 68-0320V

SKINNER G B
ARL 67-1124A

SKINNER G F
AFOSR 68-2364

SKINNER J P
AFOSR 68-0216
AFOSR 68-1078

SKLENSKY A P
AFML 67-0294

SKOPRONICK J G
AFOSR 68-0905

SKOVE M J
AFOSR 67-0392
AFOSR 67-1100
AFOSR 67-1102
AFOSR 68-0913

SKUTT H R
AFOSR 67-1256

SKWARCZYNSKI M
AFOSR 68-2506
AFOSR 68-2602

SLACK P P
AFCRL 67-0655
AFCRL 68-0263

SLETTEN C J
AFCRL 67-0241
AFCRL 67-0676
AFCRL 68-0052

SLEVIN P J
AFOSR 67-1326
AFOSR 68-0758
AFOSR 68-2725
AFOSR 68-2758

SLIFKIN L
AFOSR 67-1670

SLOBODNIK A J JR
AFCRL 67-0163
AFCRL 68-0198

SLOVAK R
ARL 68-0215U
ARL 68-13358

SLOVEY J
AFCRL 67- 0403
AFCRL 67-[illegible]730

SLUSSEN W P
AFCRL 68-0255

SLUTSKY S
AFOSR 68-0467

SMAKULA A
AFCRL 67-0645

SMART D F
AFCRL 67-0082
AFCRL 67-0098
AFCRL 68-0030

SMART J S
AFOSR 68-2083

SMELTZER S S
AFOSR 67-2633

SMELTZER W W
AFOSR 67-0327

SMELTZER W W
AFOSR 67-1085
AFOSR 67-1358
AFOSR 67-2650
AFOSR 68-1148

SMEDDY M
AFCRL 67-0198

SMILEN L I
AFCRL 67-0235
AFCRL 68-0279

SMITH B L
AFOSR 68-1694
AFOSR 68-1723

SMITH C L
AFOSR 68-2641
AFOSR 68-2784

SMITH C P
AFCRL 67-0309

SMITH D
AFCRL 67-0092

SMITH D C
AFOSR 68-1198
ARL 67-0159U

SMITH D H
AFOSR 67-2205

SMITH D R
AFCRL 67-0350
AFOSR 68-0886
AFOSR 68-2432
AFOSR 68-2623

SMITH E
AFOSR 67-1806

SMITH E E
AFOSR 67-1804
AFOSR 67-1820

SMITH H
AFOSR 68-2479

SMITH H E
ARL 67-0031V
ARL 67-0056T

SMITH H J P
AFCRL 67-0542

SMITH H L
AFOSR 67-0012

SMITH H T U
AFCRL 67-0663

SMITH H W
AFCRL 67-0540
AFOSR 67-1565
AFOSR 67-1580
AFOSR 67-1768
AFOSR 68-2410

SMITH J E
AFOSR 67-2006
AFOSR 68-2180

SMITH J M
AFOSR 68-1838
AFOSR 68-1839

SMITH J N
AFOSR 67-2459
AFOSR 68-2219

SMITH J N JR
AFOSR 67-1898
AFOSR 67-2052
AFOSR 67-2284
AFOSR 67-2431
AFOSR 68-0866
AFOSR 68-1787
AFOSR 68-1941
AFOSR 68-2100
AFOSR 68-2220
AFOSR 68-2223
AFOSR 68-2581

SMITH J R JR
AFOSR 67-1593
AFOSR 68-1178

SMITH J S II
ARL 67-1109A
ARL 68-1230E

SMITH J V
ARL 68-0051V
ARL 68-1174A

SMITH N B
AFOSR 68-2184

SMITH N R
AFOSR 68-1248

SMITH P R
AFOSR 68-2132

SMITH R
AFCRL 67-0613

SMITH R C
ARL 68-0344V

SMITH R S
AFCRL 67-0532

SMITH R W
AFOSR 67-1033
AFOSR 68-1982

SMITH S D
AFCRL 68-0496
ARL 68-1378A

SMITH S S
AFOSR 68-2652

SMITH T F
AFOSR 67-0180
AFOSR 67-1211
AFOSR 67-1213
AFOSR 67-2408
AFOSR 67-2409
AFOSR 68-0661
AFOSR 68-0926
AFOSR 68-1806

SMITH V H JR
AFOSR 68-1129
AFOSR 68-1186

SMITH W T JR
AFOSR 67-1185

SMOLDEREN J J
AFOSR 67-0614
AFOSR 67-2059

SMOLEN J J
AFOSR 67-0850

SMULLYAN R M
AFOSR 67-1506
AFOSR 67-1526
AFOSR 67-1525

SNEDDON I N
AFOSR 67-1287
AFOSR 68-0815
AFOSR 68-0832
AFOSR 68-0853
AFOSR 68-1285
AFOSR 68-1729
AFOSR 68-562

SNEED R J
AFAL 67-0139

SNELLING D R
AFOSR 67-2842

SNOW E H
AFCRL 67-0067
AFCRL 67-0381
AFCRL 68-0045

AFCRL 68-0321

SNUG C C
AFOSR 68-2686

SNUGGS R M
AFOSR 68-2682

SNYDER M A
AFCRL 67-0166

SNYDER L C
AFOSR 67-2054

SO S S
AFOSR 67-0466

SOBEL E
AFOSR 68-1428

SOBEL H
AFOSR 67-1089

SOCHA A J
ARL 68-0132U

SOCHATZY M
AFOSR 67-2329

SODICKSON L
AFCRL 68-0411

SODICKSON L A
AFCRL 68-0300

SOEHNGEN E E
ARL 68-1234L
ARL 68-1308L
ARL 68-1309L
ARL 68-1310L
ARL 68-1311L
ARL 68-1312L
ARL 68-1313L
ARL 68-1314L
ARL 68-1315L
ARL 68-1316L
ARL 68-1317L
ARL 68-1318A
ARL 68-1319L
ARL 68-1320L
ARL 68-1321A
ARL 68-1322L
ARL 68-1323A
ARL 68-1324L
ARL 68-1325L
ARL 68-1326L
ARL 68-1327L

SOFFER J
AFOSR 67-2703

SOGA N
AFOSR 68-1514

SOLIANI G
AFOSR 68-0567
AFOSR 68-1218
AFOSR [illegible]-1242

SOLIMINI D
AFOSR 67-2064
AFOSR 68-0082

SOLOMON R S
AFOSR 68-1912

SOLOMON S J
AFOSR 67-0384
AFOSR 67-1521
AFOSR 67-1896
AFOSR 67-1987
AFOSR 67-1991
AFOSR 67-2648
AFOSR 68-1207
AFOSR 68-1209
AFOSR 68-1571
AFOSR 68-2088
AFOSR 68-2646

SOLOMONOFF R J
AFCRL 67-0462
AFOSR 68-1283

SOLTYSIK E A
AFOSR 67-1218

SOMMER E J JR
AFOSR 68-1640

SON J S
AFOSR 67-2135

SON N D
AFOSR 67-1002

SONJU O K
AFOSR 68-2020

SONTAG C R
AFOSR 67-0714

SOPER G K
ARL 68-1124N

SOPER R B
AFIRL 67-0596

SORNES A
AFOSR 67-1370
AFOSR 68-1424

SOSNOWSKI J A
AFCRL 68-0332

SOTAK A E
ARL 68-0151U

SOTELO J R
AFOSR 68-2173

SOTER S
AFOSR 68-1124

SOUDACK A C
AFOSR 68-1292
AFOSR 68-2251
AFOSR 68-2322

SOUTHAN R M
AFOSR 67-1516

SOUTHERN T M
AFOSR 67-1500

SOUTHGATE P D
AFCRL 67-0547

SOUZA A F
AFCRL 68-0082

SOVA R
AFOSR 67-0665

SOWA W A
ARL 68-0237W

SPAIN R
AFCRL 67-0205

SPAIN R J
AFCRL 67-0204

SPANIER E H
AFCRL 67-0537
AFCRL 68-0080
AFCRL 68-0592

SPEISER T W
AFCRL 67-0551

SPELLMAN M I
AFCRL 67-0230

SPENCE M D
AFOSR 68-0050

SPENCER D L
AFOSR 67-0081
AFOSR 67-0231
AFOSR 67-1873

SPENCER W R
AFRL 67-0290

SPENDLOVE L B
ARL 67-11610
ARL 67-11920

SPERLICH N
AFOSR 67-2181

SPERRY L L
AFOSR 68-2786

SPIALTER L
ARL 67-0028V
ARL 67-0040V
ARL 67-0079V
ARL 67-0118V
ARL 67-0167U
ARL 67-0225V
ARL 67-1109A
ARL 67-1114A
ARL 67-1115A
ARL 67-1116A
ARL 67-1117A
ARL 67-1118A
ARL 67-11960
ARL 67-1242A
ARL 67-1341A
ARL 68-0191V
ARL 68-0316V
ARL 68-0346V
ARL 68-1010A
ARL 68-1011A
ARL 68-1012A
ARL 68-1013A
ARL 68-1014A
ARL 68-1066A
ARL 68-1067A
ARL 68-1081A
ARL 68-1083N
ARL 68-1229A
ARL 68-1230E
ARL 68-1303A
ARL 68-1436A

SPICER W E
AFCRL 67-0405
ARL 68-0247W

SPIEGEL E A
AFOSR 68-1851

SPIES K P
AFCRL 68-0375

SPINRAD M
AFOSR 67-1332

SPITZER W G
AFCRL 68-0196
AFOSR 67-0479
AFOSR 67-0636
AFOSR 67-2215
AFOSR 67-2216

SPLINTER R C
AFOSR 68-2875

SPOLSKY B
AFOSR 67-0525

SPOONER C E
AFOSR 67-1014

SPOORE B
AFCRL 68-0016

SPOORE B
AFCRL 68-0823

SPORRONG B
AFOSR 68-1689

SPRAGUE J M
AFOSR 68-2715

SPRINGER C S
ARL 67-1014I
ARL 67-1137P

SPRINGER C S JR
ARL 67-0094T
ARL 67-0132V
ARL 67-1046A
ARL 67-1067A
ARL 67-1113A
ARL 67-1342A
ARL 68-0083V
ARL 68-1004A
ARL 68-1005A
ARL 68-1009A
ARL 68-1179N

SPRINGETT B E
AFOSR 67-1739
AFOSR 68-0111

SQUIRES T G
AFOSR 68-1591

SRINATH M D
AFOSR 68-2022

SRINGER C S JR
ARL 67-0095V

SRINIVASAN C V
AFCRL 67-0563
AFCRL 67-0588
AFCRL 67-0619

SRINIVASAN R
AFOSR 68-2182

SRIVASTAVA P K
AFOSR 68-0306

SRIVASTAVA R C
AFCRL 67-0199

SRIVASTAVA V C
ARL 67-1294R

SRYGLEY F D
AFOSR 67-1476

ST JOHN P A
AFOSR 68-0338

ST JOHN R M
AFOSR 67-
AFOSR 67-0940
AFOSR 68-1063
AFOSR 68-1128

STACEY L M
AFOSR 67-1353

STACKELBERG O P
AFOSR 67-1322

STADSNES J
AFOSR 68-1334

STADTER J P
ARL 68-0273V

STAFFIN R
AFOSR 68-2804

STAFFORD J J
AFOSR 67-2027

STAINAN D
AFOSR 67-1862

STAKGOLD I
AFOSR 67-0024

STANDISH T
AFOSR 67-2807
AFOSR 68-0449

STANDISH T A
AFOSR 67-2048

STANKO W B
AFCRL 68-0170

STARK L
SRL 67-0005

STARNES R B
AFOSR 67-0764

STARUSZKIEWICZ A
AFOSR 67-0192
AFOSR 67-1843
AFOSR 68-0979

STARZAK M E
AFOSR 68-0045

STATZ H
AFCRL 67-0084
AFCRL 68-0234

STAUDER W
AFCRL 67-0086
AFOSR 67-0301
AFOSR 68-1435

STAUDER W S J
AFCRL 67-0023

STAUFFER D
AFOSR 68-1399

STEAD M P
ARL 67-1058I
ARL 67-1326A

STEAR E B
AFOSR 68-0917
AFOSR 68-0918
AFOSR 68-2601

STEARMAN R O
AFOSR 68-0382
AFOSR 68-0516
AFOSR 68-0750
ARL 67-0006U

STEBBINS C F
SRL 67-0006
SRL 68-0006

STECK G P
ARL 67-0283W

STEED A J
AFCRL 61-0220

STEEL C
AFOSR 67-0709
AFOSR 68-1908
AFOSR 68-1912

STEELE M A
AFOSR 68-1563
AFOSR 68-1564

STEFFENSEN
AFOSR 68-2799

STEHL R H
AFOSR 67-2653
AFOSR 67-2654

STEIJN R P
AFML 67-0091

STEIN E J
AFOSR 68-2736

STEIN F M
AFOSR 67-0297
AFOSR 67-0834
AFOSR 68-1288
AFOSR 68-2752

STEIN M
AFOSR 67-1518

STEIN T S
AFCRL 68-0064

STEINBERG I R
ARL 67-1009I

STEINBERGER S
ARL 68-0342W
ARL 68-0343W

STEINER P A
AFOSR 67-0385

STEINFINK H
AFOSR 67-1752
AFOSR 67-1917
AFOSR 67-2485
AFOSR 67-2737

STEINGRANDT W J
AFOSR 67-2123

STENEVI U
AFOSR 68-1649

STENGER W
AFOSR 67-2734
AFOSR 68-0623
AFOSR 68-1024

STENGLE T R
AFOSR 67-0663
AFOSR 67-0729
AFOSR 67-1687
AFOSR 67-2387
AFOSR 67-2826
AFOSR 68-2675
AFOSR 68-2809

STEPHEN M J
AFOSR 67-2763
AFOSR 67-2768
AFOSR 67-2769
AFOSR 68-1362

STEPHEN R O
AFOSR 68-0896

STEPHENS E D
ARL 67-1344C
ARL 67-1345C
ARL 68-1219A

STEPHENS T
AMC 67-0283U

STEPHENSON L M
AFOSR 67-0109
AFOSR 68-0835
AFOSR 68-1681

STERN E A
AFOSR 68-1825

STERN M
AFOSR 68-1493

STERN R M
AFOSR 67-0454
AFOSR 68-1464

STEYTER M J
AFOSR 67-2329
AFOSR 68-2508

STEUBER J W
ARL 68-0274T
ARL 68-1228B

STEVENS E I
AML 67-0011

STEVENS J C
AFOSR 68-0313

STEVENS K N
AFCRL 67-0499
AFCRL 68-0446

STEVENSON D L
AFOSR 67-2172
AFOSR 67-2191
AFOSR 67-2210

STEVENSON R W H
AFOSR 67-2731
AFOSR 68-1827

STEWARD A L
AFCRL 68-0537

STEWART D A
AFCRL 67-0014

STEWART D J
AFOSR 68-2841
AFOSR 68-2845

STEWART D K
AFOSR 68-0190

STEWART C E
AFOSR 67-0432

STEWART M R
AFOSR 68-0949

STEWARTSON K
ARL 67-1068M

STICKFORD G
AFOSR 68-2640

STICKLEY C M
AFCRL 67-0223

STICKSEL P R
AFCRL 67-0387

STILLWELL E P
AFOSR 67-0352
AFOSR 68-0913

STILLWELL E P JR
AFOSR 67-2189

STINAFF R D
AFOSR 68-0773

STITZ C O
ARL 67-1219A

STOCKER M J
ARL 67-1297M

STOCKHAM L W
ARL 67-0210U

STOCKMAYER W H
AFOSR 68-1728

STODDARD F J
ARL 67-0069U
ARL 67-0133U
ARL 67-1232M

STOECKMANN F
ARL 67-1293U
ARL 67-1309M

STOJANOFF C G
AFOSR 67-0834

STONBLER M P
AFOSR 67-1009

STONE D C
AFOSR 68-0237
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STONE F G
AFOSR 67-2287

STONE F G A
AFOSR 67-1128
AFOSR 67-2290
AFOSR 68-0351
AFOSR 68-0801
AFOSR 68-0888
AFOSR 68-0889
AFOSR 68-1133
AFOSR 68-1333
AFOSR 68-1335
AFOSR 68-1336
AFOSR 68-2140
AFOSR 68-2141
AFOSR 68-2814

STONE H S
AFCRL 67-0463
AFCRL 68-0005

STONE J L
AFOSR 67-1587
AFOSR 67-2138

STONE L D
AFOSR 68-2787

STONE M E
AFOSR 68-1066

STONE V L
AFCRL 67-0646
AFCRL 67-0647

STORCH L
AFAL 67-0221

STORROW J K
AFOSR 67-1350

STORVICK D A
AFOSR 67-2759
AFOSR 67-2767
AFOSR 68-2526

STRAIT B J
AFCRL 67-0088
AFCRL 67-0230
AFCRL 67-0552
AFCRL 68-0110
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STRAITON A W
AFOSR 67-0832

STRATA P
AFOSR 67-2539
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STRAUGHAN B P
AFOSR 68-1531

STRAUSS F M
AFCRL 63-0100

STRAUSS J C
AFOSR 67-2518

STRAYER D M
AFOSR 68-2288

STREETMAN B G
AFCRL 67-0292
AFOSR 67-1970

STREMLOW R A
AFOSR 68-2343

STREITWIESER A
AFOSR 67-0730
AFOSR 67-0731

STREITWIESER A JR
AFOSR 68-1092
AFOSR 68-1186

STRICKER J
AFOSR 67-0567

STROBELE R
AFOSR 67-0871

STROK J A
AFCRL 67-0458

STROMBERG J O
AFOSR 67-0185

STRONGIN M
AFOSR 68-0883

STRUMWASSER F
AFOSR 67-1371
AFOSR 67-2833

STUART M C
AFOSR 67-1993

STUBBERUD A R
AFOSR 68-0839
AFOSR 68-1850
AFOSR 68-2601

STUCKY G L
AFOSR 67-1029

STUDDEN W
ARL 67-1304M

STUETZER I
AFCRL 67-0388

STUKEL D J
ARL 68-0302V
ARL 68-0303V
ARL 68-1428L
ARL 68-1481A
ARL 68-1482A
ARL 68-1486A
ARL 68-1487C

STUPP Y
AFOSR 67-2349
AFOSR 68-0536
AFOSR 68-0537

STURROCK P A
AFOSR 67-0009
AFOSR 67-0010
AFOSR 68-1750
AFOSR 68-1808
AFOSR 68-1809
AFOSR 68-1824
AFOSR 68-1842
AFOSR 68-1845
AFOSR 68-1890
AFOSR 68-2414
AFOSR 68-2652

SU C C
AFOSR 67-0422
AFOSR 68-1807

SU C H
AFOSR 68-1062

SU L S
AFOSR 67-0269

SUCHER J
AFOSR 67-1002
AFOSR 67-1393
AFOSR 67-2241
AFOSR 67-2703
AFOSR 68-0976
AFOSR 68-1632
AFOSR 68-2759

SUCHER M
AFOSR 67-1800

SUCHJER J
AFOSR 68-1971

SUDARSHAN E C G
AFOSR 68-2501

SUGA K
AFOSR 68-0186
AFOSR 68-2858

SUHL H
AFOSR 67-0104
AFOSR 67-0971
AFOSR 67-1057
AFOSR 67-1754
AFOSR 68-0425
AFOSR 68-0585
AFOSR 68-1688
AFOSR 68-1749
AFOSR 68-1829
AFOSR 68-1840

SUJISHI S
AFOSR 67-0754

SUKYS R
AFCRL 67-0338
AFCRL 68-0336

SULLIVAN B F
AFCRL 67-0424

SULLIVAN G A
ARL 67-0190U
ARL 67-1318B
ARL 68-0153U
ARL 68-1417B

SULLIVAN J C
ARL 67-0077V

SULLIVAN P D
AFOSR 68-1312

SULLIVAN W M
AFCRL 67-0127

SUMIAKI IBUKI
ARL 67-1308M

SUMIDA W K
AFOSR 67-1991

SUMMERFIELD M
AFOSR 67-1534
AFOSR 67-1535
AFOSR 68-1792
AFOSR 68-1801

SUN C T
AFOSR 68-1387

SUN D E
AFCRL 67-0389

SUNG C C
AFOSR 67-1207
AFOSR 67-2765
AFOSR 67-2798
AFOSR 68-0866

SUNNER S
AFOSR 67-0523
AFOSR 67-1989

SUOMI M
AFOSR 68-1461

SUPPES P
AFOSR 67-1484

SURMA M
AFOSR 68-1778

SUSSKIND L
AFOSR 67-1196
AFOSR 67-2831
AFOSR 68-0575
AFOSR 68-0987

SUSSMAN M B
AFOSR 68-0548

SUTCLIFFE S
AFCRL 68-0245

SUTHERLAND A D
AFOSR 67-1663
AFOSR 68-1723

SUTIN C I
AFOSR 68-1908

SUTKER P B
AFOSR 68-0824

SUTTON G M
AFCRL 67-0326

SUTTON J
AFOSR 67-2695
AFOSR 68-1121

SUTTON J C
AFOSR 68-1322

SUZUKI I
AFOSR 67-2643
AFOSR 68-0207

SUZUKI R
AFOSR 67-2680

SVENSSON T H
AFOSR 68-2711

SVEUM L K
AFOSR 67-1597

SWAMINATHAN K R
AFOSR 67-0487

SWANSIGER W A
ARL 68-0191V
ARL 68-1066A

SWANSON C A
AFOSR 67-1315
AFOSR 68-0335
AFOSR 68-1147
AFOSR 68-2783

SWANSON D G
AFOSR 67-1233
AFOSR 68-0087
AFOSR 68-1660

SWANSON J L
AFCRL 67-0620

SWANSON S M
AFOSR 67-1647

SWARTZTRAUBER P N
AFCRL 68-0645

SWERDLOW D S
AFOSR 68-2196
AFOSR 68-2360

SWAYER R F
AFOSR 68-1290

SWEEDLER A
AFOSR 68-0928

SWEET D
AFOSR 68-0808

SWEET T R
ARL 68-0210U

SWEIGART A
AFOSR 68-1822

SWENSON L W
AFOSR 68-0505

SWENSON P S
AFCRL 67-0031

SWENSSON J W
AFCRL 67-0095
AFCRL 67-0479

SWENSSON R G
AFOSR 67-2743
AFOSR 68-0873

SWETS J A
AFCRL 67-0412

SWIDER W
AFCRL 67-0468

SWIFT R D
AFOSR 68-1844

SWIGART J I
AFCRL 68-0065

SWIHART J C
AFOSR 67-0373
AFOSR 67-0838

SWINGS P
AFCRL 67-0303

SWINK J
AFOSR 67-1004

SWITHENBANK J
AFOSR 67-0842
AFOSR 68-1195

SWITZER C L
AFCRL 67-0513

SWORDER D D
AFOSR 67-0366
AFOSR 68-0814

SYKES J
AFOSR 68-2536
AFOSR 68-2566

SYKES L R
AFCRL 67-0327
AFCRL 68-0365
AFCRL 68-0623

SYMONS M C
AFOSR 68-0842

SYMONS M C R
AFOSR 67-0191

SYMS G M
AFOSR 68-0037

SYZ M G
AFOSR 67-0900

SZABO I
AFCRL 67-0059
AFCRL 68-0074
AFCRL 68-0075

SZEBEHELY V
AFOSR 67-0293
AFOSR 67-0295
AFOSR 67-0378
AFOSR 67-0835
AFOSR 67-1251

AFOSR 67-2160
AFOSR 67-2817
AFOSR 68-0339

SZEBEHELY V G
AFOSR 67-0376

SZEKERES G
ARL 67-1330M

SZILLINSKY A
AFCRL 68-0425

SZOKE A
AFCRL 68-0421

SZYMANSKI J T
AFOSR 68-2757

TABBUTT F D
AFOSR 67-2849

TAHA M O
AFOSR 67-0885
AFOSR 67-2766

TAIBLESON M M
AFOSR 67-2344
AFOSR 67-2616

TAJFEL M
AFOSR 68-2329

TAJIMA Y A
AFOSR 68-1355
AFOSR 68-1356

TAKAHASHI M
ARL 68-0115U

TAKEO M
AFOSR 68-0108
AFOSR 68-2105

TAKEZAWA S
AFCRL 67-0040

TAKMAN B H
AFOSR 68-0357

TALBOT L
AFOSR 67-1897

TALLAN M M
ARL 68-1143L

TALLAN N M
ARL 67-0107V
ARL 67-0115U
ARL 67-0126V
ARL 67-0147U
ARL 67-0176V
ARL 68-0046V
ARL 68-0088W
ARL 68-0159V
ARL 68-0161V
ARL 68-0186U
ARL 68-0187U
ARL 68-0188U
ARL 68-0199W
ARL 68-0234V
ARL 68-0235V
ARL 68-0268W
ARL 68-0331V
ARL 68-0332V
ARL 68-1151C
ARL 68-1169A
ARL 68-1170B
ARL 68-1171A
ARL 68-1172A

TAM S Y K
AFCRL 68-0415

TAMADA K
AFOSR 67-0289

TAMAGNO J
AFOSR 68-0467

TAMBURINO L A
ARL 67-0029V

TAMIR T
AFOSR 67-1862

TAMME D
AFOSR 68-2614
AFOSR 68-2615

TAMURA T
AFOSR 68-0901

TAN D T G
AFOSR 68-0963

TAN H S
ARL 67-0181V

TAN T Y
AFOSR 68-0094

TANAKA Y
AFCRL 67-0040
AFCRL 67-0109

TANG C K
AFOSR 68-1559

TANG C L
AFCRL 67-0051
AFCRL 68-0021

TANG R
AFCRL 67-0171
AFCRL 68-0211

TANI I
AFOSR 68-0285

TANKIN R S
ARL 67-0016U
ARL 67-0157U
ARL 67-0218U

TANNER D J
AFOSR 68-0097

TANNER R I
ARL 68-0017U

TANNEH W P JR
AFOSR 68-0457
AFOSR 68-1187

TANNHAUSER D S
ARL 67-0137W
ARL 67-0144W
ARL 68-0147W
ARL 68-0159V
ARL 68-0234V
ARL 68-0268W
ARL 68-0287W
ARL 68-0331V
ARL 68-1166W
ARL 68-1169W

TAO S J
AFOSR 68-2660

TARDELLI J
AFCRL 68-0411

TARDY D C
AFOSR 67-0628
AFOSR 68-1967
AFOSR 68-2139
AFOSR 68-2494

TARIFA C S
AFOSR 67-2681
AFOSR 68-1163
AFOSR 68-1165

TARNY R W
AFCRL 67-0067

TARR C E
AFOSR 67-1353
AFOSR 68-0931
AFOSR 68-1687

TARSHIS L A
AFOSR 68-1499

TART C T
AFOSR 67-2724

TASSO H
AFOSR 68-0978

TASSOUL J L
AFOSR 67-2666
AFOSR 68-2055
AFOSR 68-2921
AFOSR 68-2696

TASSOUL M
AFOSR 67-2666
AFOSR 68-2055
AFOSR 68-2521

TATARIAN A
AFCRL 68-0529

TATSUYA S
AFOSR 67-1307

TATTELMAN P I
AFCRL 68-0232

TATTERSHALL B W
AFOSR 68-1333

TAUB H
AFOSR 67-0454
AFOSR 67-1450

TAURITZ J L
AFCRL 68-0225

TAUSSIG R T
AFOSR 67-2078
AFOSR 67-2639

TAYLOR B A
AFOSR 68-1998
AFOSR 68-2242

TAYLOR B T JR
AFOSR 68-0826

TAYLOR C W
AFOSR 67-0896
AFOSR 67-1523

TAYLOR D
AFOSR 68-2751

TAYLOR D W
AFOSR 67-2037

TAYLOR E C
AFOSR 67-2403

TAYLOR H C
AFOSR 67-1567
AFOSR 68-0735
AFOSR 68-1248
AFOSR 68-1796

TAYLOR J
AFOSR 67-0168

TAYLOR J B
AFCRL 67-0103
AFOSR 68-0269
AFOSR 68-0270

TAYLOR K N H
AFOSR 68-1542
AFOSR 68-1543

TAYLOR M I
AFOSR 67-1994

TAYLOR M L
ARL 68-1489R

TAYLOR N S
AFOSR 67-1676
AFOSR 67-2365

TAYLOR W A
AFOSR 67-1845
AFOSR 67-2712

TAYLOR W C
AFCRL 67-0208

TCHERNEV D I
AFOSR 68-1353

TEAGUE R K
AFOSR 68-1562

TEABLE R S
AFOSR 67-1981

TEEGARDEN K
AFOSR 67-1387

TEEGARDEN K J
AFOSR 67-1155
AFOSR 67-1386
AFOSR 68-1742

TEFEATILLER B A
AFCSR 68-2485

TEICHNER W H
AFOSR 67-1450
AFOSR 68-1516
AFOSR 68-1519
AFOSR 68-2706

TEITELMAN W
AFCRL 67-0458
AFCRL 67-0814

TELLER P
AFCRL 68-0055

TEMPLE D B
AFOSR 67-1961

TEMPLETON P F
AFCRL 67-0670

TENBROEK M W
AFCRL 67-0857

TENG F L
AFOSR 67-2147
AFOSR 68-1492

TEORELL T
AFOSR 67-1693

TEPLEY L
AFCRL 67-0250

TEPLEY N
AFOSR 67-0195
AFOSR 68-0691
AFOSR 68-0739

TEPPATI G
AFOSR 68-0565
AFOSR 68-1721

TEPPATI G C
AFOSR 68-1217

TERRELL J H
AFCRL 67-0593
AFCRL 68-0220

TERRY J O
ARL 67-0208V
ARL 67-1000L
ARL 67-1110A
ARL 67-1111A
ARL 67-1112A
ARL 68-0053V
ARL 68-0113T
ARL 68-0323V
ARL 68-1056A
ARL 68-1068A

TERSI N
AFOSR 68-1132

TERZIAN Y
AFOSR 67-0801
AFOSR 67-1477
AFOSR 67-1977
AFOSR 68-1045
AFOSR 68-1048
AFOSR 68-1088

TETER M P
AFOSR 67-0477
AFOSR 67-0532

TEVAR J M
AFOSR 67-0558

THATHACHAR M A L
AFOSR 68-2022

THEODORIDIS G C
AFCRL 68-0286

THEUMANN A
AFOSR 68-1465

THIEME G
AFOSR 67-0866

THIRRING W F
AFOSR 68-2876

THOMA P
ARL 67-0277U
ARL 67-1298M

TH
67-0319

AS B
A[illegible] 77
A -2669

-1461

THOMAS P
AFC 67-2375

THOMAS G J
AFOSR 68-0538

THOMAS J S
AFOSR 68-[illegible]

THOMAS J R
AFOSR 67-[illegible]

THOMAS J R
AFOSR 67-[illegible]

THOMAS J P
[illegible] 67-0148
[illegible]

THOMAS [illegible]
AFOSR 67-[illegible]
AFOSR 67-[illegible]

THOMAS R L
AFOSR 68-0657

THOMAS T F
AFOSR 67-0709
AFOSR 68-1908
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THOMASIAN A
AFCRL 68-0089

THOMMEN H A
ARL 67-1064B

THOMMEN H U
ARL 67-0151U

THOMPSON
AFOSR 67-1994

THOMPSON C
AFOSR 68-1938

THOMPSON D R
AFOSR 68-0420

THOMPSON E D
AFOSR 67-0371
AFOSR 68-0558
AFOSR 68-0965
AFOSR 68-1324

THOMPSON H M
ARL 67-0069U
ARL 67-0203W

THOMPSON J M
AFCRL 68-0606

THOMPSON P A
AFOSR 68-1096

THOMPSON R
AFOSR 68-0205

THOMPSON R C
AFOSR 67-0047
AFOSR 67-0545
AFOSR 67-1050
AFOSR 67-2378
AFOSR 67-2389
AFOSR 67-2390
AFOSR 68-0662
AFOSR 68-0991
AFOSR 68-1633
AFOSR 68-1955
AFOSR 68-2246
AFOSR 68-2607

THOMPSON T W
AFOSR 67-0189
AFOSR 68-1127

THOMPSON W J
AFOSR 67-0534
AFOSR 67-2181
AFOSR 68-0901
AFOSR 68-0903

THOMSEN L
AFOSR 68-1456

THOMSON A
AFCRL 67-0173

THOMSON R C
AFCRL 67-01[illegible]

THOMYN S A
AFOSR 67-1387

THORNE K M
AFOSR 68-[illegible]

THORNTON E R
AFOSR 67-2791

THORNTON J A
AFCRL 68-0450

THUNBERG R
AFOSR 68-0193

THURNER F
AFOSR 67-1548

THYER N H
AFCRL 67-0657

TIDMAN D A
AFCRL 67-0340
AFCRL 67-0341

TIEDERMAN W G
AFOSR 67-2063

TIENBLO A
AFOSR 68-0123

TIEN J S
AFOSR 67-1535
AFOSR 68-1792

TIERNAN T O
ARL 67-1102A
ARL 67-1103A
ARL 67-1104A
ARL 67-1105A
ARL 67-1106A
ARL 67-1107A
ARL 67-1108A
ARL 67-1126A
ARL 67-1131A
ARL 67-1132A
ARL 67-1134A
ARL 67-1237A
ARL 67-1247A
ARL 68-0041V
ARL 68-0081V
ARL 68-0084V
ARL 68-0113T
ARL 68-0192V
ARL 68-0195V
ARL 68-0317V
ARL 68-0323V
ARL 68-0324V
ARL 68-0326V
ARL 68-1041A
ARL 68-1042A
ARL 68-1049C
ARL 68-1052A
ARL 68-1053A
ARL 68-1056A
ARL 68-1080A
ARL 68-1119A
ARL 68-1120L
ARL 68-1121L
ARL 68-1122G
ARL 68-1181A
ARL 68-1210A
ARL 68-1231E
ARL 68-1235A
ARL 68-1331A
ARL 68-1435A
ARL 68-1436A
ARL 68-1437A

TIFFANY O L
AFCRL 67-0149
AFCRL 68-0320

TIGGELEN A V
AFOSR 68-1203
AFOSR 68-1227
AFOSR 68-2636

TIGGELEN W J V
AFOSR 68-[illegible]67

TIKTOPOULOS G
AFOSR 68-2262
AFOSR 68-2265

TILLEM C A
ARL 67-0149 V
ARL 68-0120[illegible]

TILLES W A
AFOSR 67-2652
AFOSR 68-[illegible]
AFOSR 68-1515
AFOSR 68-1518
AFOSR 68-1529
AFOSR 68-1544

TILLMAN J O
AFCRL 68-0271

TINBERGEN N
AFOSR 67-1049
AFOSR 68-2390

TINDER W F
AFOSR 68-1109

TINDLE G L
AFOSR 68-0764
AFOSR 68-1142

TING C Y
AFCRL 68-0347

TING L
AFOSR 67-0077
AFOSR 68-2822
ARL 68-0035W
ARL 68-0043W

TING T W
AFOSR 68-0706

TINMOFER G
AFCRL 68-0176
AFOSR 67-2435
AFOSR 68-0226
AFOSR 68-0236

TIPPING J W
AFOSR 67-0191

TIRONI G
AFOSR 67-1916

TIRUMALESA D
AFOSR 68-0744

TISCHER R L
ARL 67-1101A
ARL 68-0177V
ARL 68-0327V
ARL 68-1074A
ARL 68-1082A

TISON P
AFOSR 67-0667

TITTERTON P J
AFCRL 67-0119

TIWARI S N
ARL 67-0015U
ARL 68-0151U
ARL 68-0353W

TJONAMAN R L
AFOSR 68-0716

TOHEY A C
AFOSR 67-0938

TOBIAS R S
AFOSR 67-0481
AFOSR 68-2803
AFOSR 68-2864
AFOSR 68-2879
AFOSR 68-2981

TOBIN D G
[illegible] 68-0385

TODD C [illegible]
[illegible]

TOF[illegible]
[illegible]

TODD S S
AFOSR 67-1787

TOKSOZ M N
AFOSR 67-0178
AFOSR 67-2092

TOLL J S
AFOSR 67-1837

TOLLIN G
AFCRL 67-0590

TOMITA T
AFOSR 67-0177
AFOSR 67-2604
AFOSR 68-0907

TOMIZUKA C T
AFOSR 67-1235
AFOSR 68-0956

TOMOVIC R
AFOSR 67-0451
AFOSR 67-0452
AFOSR 67-0483
AFOSR 67-1485

TONELLATO UV
AFOSR 67-2314

TONG P
AFOSR 67-2507
AFOSR 68-0221
AFOSR 68-0384
AFOSR 68-1232
AFOSR 68-1600

TONIETTI T
AFOSR 68-1218

TOONG T Y
AFOSR 68-0630

TORALDO DI FRANCIA G
AFCRL 67-0357
AFCRL 68-0532

TORCHIA D A
AFOSR 68-0128

TORDA T P
AFOSR 68-1369
ARL 67-0058U

TORRALBO A M
AFOSR 67-2681

TORRALBO P M
AFOSR 68-1163

TORRENCE R
ARL 67-1049M

TOTH L E
AFOSR 67-0102
AFOSR 67-0103
AFOSR 67-2574
AFOSR 67-2575
AFOSR 68-0265

TOULOUKIAN Y S
AFOSR 67-0421

TOUZARD B
AFOSR 68-1222

TOWLE L C
AFCRL 67-0675

TOYAZAWA Y
ARL 68-1058M
ARL 68-1059M

TOYODA Y
AFOSR 68-0186

TRAGARDI V
AFOSR 67-2546
AFOSR 68-2789
AFOSR 68-2790

TRAUGOTT S C
AFOSR 67-2044
AFOSR 68-2840

TRAUTMAN A
AFOSR 68-0113

TRAYLOR T G
AFOSR 67-0219
AFOSR 67-0220
AFOSR 67-0459
AFOSR 67-1514
AFOSR 68-0432
AFOSR 68-0433
AFOSR 68-0436
AFOSR 68-2089

TREANOR C E
AFOSR 68-1609

TREBST A
AFCRL 67-0442

TREFALL H
AFOSR 67-1316
AFOSR 68-1144
AFOSR 68-1334

TREFIL J S
AFOSR 67-0574
AFOSR 67-0575
AFOSR 67-2033

TREICHEL P M
AFOSR 67-0723

TREIMAN S B
AFOSR 68-0274
AFOSR 68-2265

TRENTACOSTE N
AFOSR 67-1997
AFOSR 68-0892

TREVE Y M
AFCRL 68-0222

TREVERTON J A
AFOSR 68-1528

TRICKETT E A
AFCRL 67-0509
AFCRL 68-0288

TRICKEY S B
AFOSR 68-1009

TRIEMAN S J
AFOSR 68-2262

TRIKHA A K
AFOSR 68-0242

TRILLING L
AFOSR 68-0464

TRIMBLE V L
AFOSR 67-2197

TRIPATHY K C
AFOSR 68-0187
AFOSR 68-0188

TRIPP M
ARL 68-1144M

TRIPP W C
ARL 67-0115U
ARL 67-0147U
ARL 67-0160M
ARL 67-0171V
ARL 67-0176V
ARL 67-1340A
ARL 68-0088E
ARL 68-0186U
ARL 68-0187U
ARL 68-0188U
ARL 68-0221U
ARL 68-1172A

TRIVICH D
ARL 67-0241M

TRIVISONNO J
AFOSR 67-0161
AFOSR 67-0787
AFOSR 67-1368

TROE J
ARL 67-1091B

TROIANO A M
APML 67-0082

TROST B M
AFOSR 67-1423
AFOSR 67-1427
AFOSR 67-1428
AFOSR 67-1431

TROTMAN-DICKENSON A F
AFOSR 67-2043

TROTTER J E
AFCRL 67-0558

TROUSDALE W L
AFOSR 68-0020
AFOSR 68-1468
AFOSR 68-2704

TROWBRIDGE C A
AFCRL 68-0358
AFCRL 68-0382

TROZZOLO A M
AFOSR 67-2054

TRUBY H M
AFOSR 68-0518

TRUDINGER N S
AFOSR 68-0731

TRUEBLOOD K N
AFOSR 68-0482
AFOSR 68-0483

TRUELUVE A J
ARL 68-0207U

TRUMBO D
AFOSR 67-1004
AFOSR 67-1008
AFOSR 67-1027

TRUSTY J
AFCRL 67-0386

TSAI C S
AFOSR 67-0439
AFOSR 67-0455
AFOSR 67-2072

TSAI K
AFCRL 67-0583

TSAI Y M
ARL 67-0210U

TSAO C K
ARL 68-1287M

TSCHANG P S
AFOSR 67-0769

TSE D
AFOSR 67-2641

AFOSR 68-0831
AFOSR 68-0836

TSENG D Y
AFCRL 67-0609

TSENG F I
AFCRL 67-0402
AFCRL 67-0489

TSENG FUNG-I
AFCRL 67-0310

TSUI J B Y
AFOSR 68-2642

TSVETOV V P
AFCRL 68-0196

TUAN S F
AFOSR 67-2709
AFOSR 68-0156

TUCKER R B
AFOSR 67-1465

TUCKEN T C
AFOSR 68-2447

TUCKER W H
AFOSR 68-0486

TUNG C
AFOSR 67-0077

TUNG-HSIEN L
AFCRL 68-0276
AFCRL 68-0290

TUNG-MOU Y
AFOSR 67-1864

TURCOTTE D L
AFOSR 67-0288
AFOSR 67-0697
AFOSR 67-1216
AFOSR 67-2167
AFOSR 68-0749

TURCOTTE F T
AFCRL 67-0549

TURIN G L
AFOSR 68-2013
AFOSR 68-2468
AFOSR 68-2877

TURNER B L
AFOSR 68-2033

TURNER G
AFOSR 68-0657

TURNER J
AFCRL 67-0686

TURNER J B
AFCRL 67-0654
AFCRL 68-0148

TURNER L R
AFOSR 67-0115

TURNER P J
AFOSR 67-0269

TURNER V
AFCRL 67-0391

TURRO N J
AFOSR 67-0290
AFOSR 67-0292
AFOSR 67-1516
AFOSR 67-1526
AFOSR 67-1672

AFOSR 67-1847
AFOSR 67-2185
AFOSR 67-2226
AFOSR 67-2815
AFOSR 68-0077
AFOSR 68-1556
AF 68-1727
68-2449
68-2613
68-2586

TURSKY E
AF

TURYN H J
AFCRL 67-0365

TUTTE W T
AFOSR 67-0737

TWEED J
AFOSR 68-0815
AFOSR 68-0932
AFOSR 68-1760
AFOSR 68-1835
AFOSR 68-1847
AFOSR 68-2186
AFOSR 68-582

TWERSKY V
AFCRL 67-0224

TWITCHELL W P
AFOSR 67-1698

TYLER J K
AFOSR 68-2751

TYRAS G
AFCRL 67-0294
AFCRL 67-0300

TYSON E L
AFOSR 68-2148

TZUNG F
AFOSR 68-1065
AFOSR 68-1618

UBERALL H
AFOSR 67-0025

UDELSON D G
AFCRL 68-0569

UDIAS A
AFOSR 67-2156
AFOSR 67-2717

UHLENBUSCH J
ARL 67-0057U
ARL 68-0074T

UHLHORN R W
AFOSR 68-2071

UJLAKI E
AFOSR 67-0647
AFOSR 68-0995

ULBRICH C W
AFOSR 68-0015
AFOSR 68-0016

ULINSKI P S
AFOSR 68-0217

ULLALAND S
AFOSR 68-1334

ULLALAND S L
AFOSR 67-1314

ULLIAN J S
AFCRL 67-0024

ULLRICH S
AFOSR 68-1107

ULRICH L
AFOSR 67-1008

ULRICHS J
AFOSR 68-1128

UMERJEE R K
AFOSR 67-0228
AFOSR 68-0358
AFOSR 68-1143

UMEZAWA H
AFOSR 67-1513

UMFRJEE R K
AFOSR 67-0222

UMILTA C
AFOSR 68-2789
AFOSR 68-2790

UNDERWOOD R L
AFOSR 68-1864

UNGER I
AFOSR 67-0637

UNKNOWN
AFCRL 67-0339

UNTEREGGER P
AFOSR 68-0236

UNTEREINER G L
ARL 67-1117A
ARL 67-1190O

UNTERLEITNER F C
AFCRL 67-0194

URBAN M
ARL 68-0343W

URRUTIA J L
AFOSR 67-0098
AFOSR 68-0066

URSCHEL R L
ARL 67-0180
ARL 68-0241V
ARL 68-0258V
ARL 68-0261V

URTIEW P A
AFOSR 67-0686
AFOSR 67-1895

USAMI T
AFCRL 67-0291
AFOSR 68-1429

UTANO L
AFOSR 67-2735
AFOSR 68-2087

UTECH F M
OHA 67-0005

UTHE E E
AFCRL 68-0522

UTSU T
AFOSR 67-0144

UWE BAUDER
ARL 68-1023M

UYEDA N T
AFOSR 68-0436

UZKAN T
AFOSR 67-2009

VACHENAUER P
AFOSR 67-2552

VACHINO R F
SRL 68-0002
SRL 68-0017

VAGLIO-LAURIN R
AFOSR 67-1937

VAHIUI B
AFOSR 67-2462
AFOSR 68-0770
AFOSR 68-1959

VAJDA I
AFOSR 67-0169

VAJDA T
AFOSR 67-1037

VALA M
AFOSR 67-1671

VALASSI F
AFOSR 68-0196

VALENTINE M
ARL 67-1273E

VALENTINO P A
AFCRL 68-0279

VALLANCE JONES A
AFCRL 68-0121
AFCRL 68-0157
AFCRL 68-0500

VALLIN J
AFOSR 67-1449
AFOSR 67-1821
AFOSR 67-1833
AFOSR 67-1834
AFOSR 67-1835

VAN ATTA C W
AFOSR 68-1422

VAN BOGAERT L
AFOSR 68-2698

VAN DE VAART H
AFCRL 67-0111
AFCRL 68-0449

VAN DRIEST E R
AFOSR 67-2048
AFOSR 67-2369
AFOSR 67-2420
AFOSR 68-0092

VAN DYKE J P
AFCRL 68-0631
ARL 68-14078
ARL 68-14108
ARL 68-14138

VAN DYKE M
AFOSR 67-1576
AFOSR 67-2291

VAN HECKE G R
AFOSR 67-0233
AFOSR 67-0236
AFOSR 67-2796

VAN HOOK H J
AFCRL 68-0867

VAN HELLAERT L J
AFOSR 67-1229

VAN PATTER D M
AFOSR 67-1218
AFOSR 68-0908

VAN SCHAACK J R
AFOSR 68-1508

VAN SCHMUS W
AFCRL 67-0012

VAN SICKEL D E
AFOSR 68-0359

VAN SICKLE D E
AFOSR 67-0900
AFOSR 67-0908

VAN TIGGELEN A
ARL 67-0155W
ARL 67-0156U
ARL 68-0351W

VAN TIGGELEN P J
AFOSR 68-0131

VAN VALKENBURG M E
AFOSR 68-0327

VAN VLECK J H
AFOSR 68-2528

VAN-RINSVELT H A
AFOSR 68-1384

VANBLARICUM G F JR
AFCRL 68-0362

VANCE E F
AFCRL 68-0083

VANCOUVERING A
AFOSR 67-1410

VANDERBURGH R C
ARL 67-1325A
ARL 67-1326A
ARL 68-1140A

VANFLEET H B
AFOSR 68-0055

VANHORN H M
AFOSR 67-2034

VANPEE M
AFOSR 68-0254

VANVLARICUM G F JR
AFCRL 68-0079

VANWORMER J D
AFOSR 67-2708

VARAIYA P P
AFOSR 68-0072
AFOSR 68-0074
AFOSR 68-0076
AFOSR 68-0084
AFOSR 68-0086
AFOSR 68-0088
AFOSR 68-2458

VARBERG D E
AFOSR 67-1194
AFOSR 67-2396
AFOSR 68-1740

VARDYA K S
AFOSR 67-1332

VAREHA A L JR
AFOSR 68-0763

VARGAS F
AFOSR 67-1337

AFOSR 68-1000

VARVATSIS A D
AFOSR 68-1086

VAS I E
ARL 68-10008
ARL 68-11116
ARL 68-11138

VASSALLO F A
ARL 67-0181U

VASSAMILLET L F
AFOSR 67-1404
AFOSR 67-1415

VASSY E J
AFCRL 67-0337
AFCRL 68-0446

VENABLES J A
AFOSR 67-0369
AFOSR 67-0370
AFOSR 67-1529
AFOSR 67-1780
AFOSR 68-0538

VENEZIANI C
AFOSR 67-0021
AFOSR 68-0420

VENEZIANO G
AFOSR 68-2548

VENIER C G
AFOSR 67-0075
AFOSR 67-2010
AFOSR 68-1596

VENKATRAMAN B
AFOSR 67-1399
AFOSR 68-0476
AFOSR 68-1773

VERA C L
AFOSR 68-0704

VERDEYEN J T
ARL 67-0264W
ARL 68-0033U
ARL 68-0135U
ARL 68-0167W
ARL 68-1444M
ARL 68-1448M

VERLET L
AFOSR 67-1775

VERMA S D
AFOSR 68-0707

VEROLLET E
AFOSR 67-0892
AFOSR 68-0798

VERONELLI J
AFCRL 68-0403
AFCRL 68-0531

VERPLANCK W S
AFOSR [illegible] 2326

VESENTINI E
AFOSR 67-0118

VESLEY G P
AFOSR 67-0109

VEST R
ARL 67-1157N

VEST R W
ARL 67-0010U
ARL 67-0115U
ARL 67-0147U
ARL 67-0160W
ARL 67-0164W
ARL 67-0176V
ARL 68-0068W
ARL 68-0146U
ARL 68-0167U
ARL 68-0168U
ARL 68-1152N
ARL 68-1155N

VESTAL M
ARL 67-0114U

VICKSELL P R
AFCRL 68-0570

VICTOR G A
AFCRL 68-0428

VICTOR J M
AFOSR 67-0766

VIDAL R J
AFOSR 68-0649
AFOSR 68-1927

VIDEBERG J
AFCRL 67-0374

VIDMAR N J
AFOSR 67-1571

VIELHABER E
AFOSR 67-1530

VIEZEE W
AFCRL 67-0013
AFCRL 68-0522
AFCRL 68-0586

VIG J
AFOSR 68-0054

VIGIER J P
ARL 67-1331M

VILAIN P
AFOSR 67-1005

VILAR A M
AFOSR 68-0416

VILLAFLANCA J
AFOSR 67-0460
AFOSR 67-0495
AFOSR 67-0915
AFOSR 67-2380

VILLENEUVE A T
AFCRL 68-0208
AFCRL 68-0297

VILMS J
AFCRL 68-0122
AFCRL 68-0302
AFCRL 68-0447

VIMONT-VICARY P
AFOSR 67-0496

VINCENT M C
AFCRL 68-0545

VINCENTI W G
AFOSR 68-0070
AFOSR 68-1309

VIRASORO M A
AFOSR 68-2548

VITERBI A J
AFOSR 67-0632
AFOSR 67-1927

VITTAL PYATI P
AFCRL 68-0225

VLAAR N J
AFOSR 67-0675

VLIEGER J
AFOSR 68-1043

VOEVODSKY J
AFOSR 67-1197
AFOSR 67-2729

VOGEL E F
AFOSR 68-0703
AFOSR 68-1437
AFOSR 68-2302
AFOSR 68-2303
AFOSR 68-2563

VOGELHUT P
AFOSR 67-0375

VOGELHUT P O
AFOSR 67-2081
AFOSR 67-2086
AFOSR 68-2120

VOIERS W D
AFCRL 67-0101

VOLLMER H M
AFOSR 67-1083
AFOSR 67-2450
AFOSR 68-0494

VON BISMARCK G
AFCRL 67-0499

VON ELBE G
AFOSR 67-0382
AFOSR 67-0929

VON EULER U S
AFOSR 67-0112
AFOSR 67-0500
AFOSR 67-2602
AFOSR 68-0192
AFOSR 68-0311
AFOSR 68-0810
AFOSR 68-0867
AFOSR 68-0872

VON EULER V S
AFOSR 67-0844
AFOSR 68-0999

VON FOERSTER H
AFOSR 67-0311

VON GIERKE G
ARL 68-1442M

VON OHAIN H
ARL 67-11890

VON OHAIN H J P
ARL 67-0065T

VON OHAIN J P
ARL 68-13680
ARL 68-13680
ARL 68-13940
ARL 68-13950

VONELHE G
AFOSR 67-1999

VORACHEK J J
AFCRL 68-0626

VORHIS R C
AFCRL 68-0604

VOSBURG A C
AFOSR 68-0427

VOSKO S H
AFOSR 68-0863

VOWELS D M
AFOSR 67-1099

VOWLES D M
AFOSR 68-0606
AFOSR 68-2390

VREHEN Q M F
AFOSR 68-0178
AFOSR 68-0601

VUKOVICH F M
AFCRL 68-0206

WACHMAN M Y
AFOSR 68-0464

WACHTEL J M
AFCRL 67-0497

WACKMAN P H
ARL 67-0249W

WADA Y
AFOSR 67-0373
AFOSR 67-0438

WADSLEY A D
AFOSR 68-1476

WAGNER E L
AFOSR 67-2760

WAGNER H G
ARL 67-10918

WAGNER R A
AFOSR 68-2641

WAGNER T J
AFOSR 67-0760
AFOSR 67-0831
AFOSR 67-1759
AFOSR 68-0381
AFOSR 68-1859
AFOSR 68-2346
AFOSR 68-2349

WAGNER W F
ARL 68-0321V
ARL 68-0322V
ARL 68-1431E

WAHLSTROM S E
AFCRL 68-0113

WAINIO K M
AFCRL 67-0149
AFCRL 68-0320

WAIT D K
ARL 67-1186N

WAIT J R
AFCRL 68-0031
AFCRL 68-0212
AFCRL 68-0375

WAKNIS M N
ARL 67-0259W

WALCHNER O
ARL 67-0099T
ARL 68-1117C

WALD F
AFML 67-0049

WALDECK B
AFOSR 67-2275

WALDER J
AFCRL 68-0021
AFCRL 68-0112

WALDE F D L
AFOSR 67-1452

WALDRON H F
ARL 67-0868W

WALECKA J D
AFOSR 67-0572
AFOSR 67-0584
AFOSR 67-0585
AFOSR 68-0441
AFOSR 68-1400

WALINGA J
ARL 6A-1207A
ARL 68-1341A
ARL 6A-1342A

WALKER G
AFCRL 68-0235

WALKER I O
AFOSR 68-1990

WALKER J C G
AFCRL 67-0121
AFCRL 67-0443

WALKER R G
AFCRL 68-0042

WALKER R L
AFCRL 68-0132
AFCRL 68-0418

WALKER R W
AFOSR 67-0381
AFOSR 67-0563
AFOSR 67-0586
AFOSR 68-1272
AFOSR 68-1275
AFOSR 68-2137
AFOSR 68-2664

WALL D R
AFOSR 68-1572

WALL J A
AFCRL 6A-0808

WALL P D
AFOSR 67-0882

WALLACE W J
AFOSR 68-0900

WALLERSTEIN G
AFOSR 67-1332
AFOSR 67-2673

WALLIN T
AFOSR 67-1291

WALLIS E B
AFCRL 67-0196
AFCRL 67-0635

WALLIS R F
AFOSR 6A-0921
AFOSR 68-0923

WALLWORK G H
AFOSR 67-0322

WALSH D
AFOSH 67-0069
AFOSH 67-0317
AFOSR 67-1383
AFOSR 68-2268
AFOSR 68-2659

WALSH J L
AFOSH 68-0373
AFOSR 68-0374
AFOSR 68-0375
AFOSH 68-0377
AFOSR 68-0378
AFOSR 68-0379
AFOSH 68-0610
AFOSR 68-1031
AFOSR 68-1066
AFOSR 68-1076
AFOSR 68-1169
AFOSR 68-1992
AFOSR 68-2299

WALTER D O
AFOSR 67-1857
AFOSR 67-1881
AFOSR 68-0487

WALTER W
ARL 67-1283H

WALTERS D A
AFOSR 68-1301

WALTERS R
AFCRL 67-0318

WALTHALL F G
AFOSR 67-0314

WALZ A
ARL 67-1067H

WANG C P
AFOSR 67-0102

WANG C Y
AFOSR 68-0349
AFOSR 68-1354

WANG E Y
AFCRL 67-0369

WANG J M
AFOSR 67-1405
AFOSR 67-1661
AFOSR 68-0189

WANG J R
AFOSR 67-1611
AFOSR 68-0716

WANG L L
AFOSR 67-2777

WANG M
AFOSH 67-1186

WANG P K C
AFOSH 67-0442
AFOSR 67-0653
AFOSR 67-1153
AFOSR 67-2326
AFOSR 68-0214
AFOSR 68-0215

WANG H
AFOSR 67-1917
AFOSH 67-2485

WANG S
AFOSH 68-2116

WANIEK R W
AFOSR 67-0949
AFOSR 68-1358

WARD J
AFCRL 67-0399

WARD J H
AFCRL 68-0519

WARDEN R C
AFCRL 67-0687

WARDEN W C JR
AFCRL 6A-0086
AFCRL 6A-0450
AFOSR 68-0273

WARDLEY A
AFOSH 68-1059

WARE A A
ARL 68-1196R

WARE J C
AFOSR 67-1814

WARNER C III
AFOSR 67-1113

WARREN L J
AFOSR 68-1283

WARSH K L
AFOSR 68-2218

WASER J
AFOSR 68-2107

WASHBURNE S S
AFOSR 67-0983

WASON S K
AFOSR 68-1420
AFOSR 68-2605

WASSAHMAN P M
AFOSH 67-0266

WASSERMAN E
AFOSR 67-2054

WASYLKIWSKYJ W
AFOSR 67-0465

WATABE M
AFOSH 67-0066

WATERMAN A T
AFCRL 67-0696

WATERMAN A T JR
AFCRL 68-0096

WATERMAN T H
AFOSR 67-1150
AFOSR 68-2336

WATERS R L
AFCRL 67-0415
AFCRL 67-0452
AFCRL 68-0102

WATHEN-DUNN W
AFCRL 68-0457

WATKINS G O
ARL 68-1406B

WATKINS P M
AFOSR 68-0554

WATSON A P
AFOSR 67-2436

WATSON D C
ARL 67-1036A
ARL 67-1039A

WATSON D D
ARL 67-0024V
ARL 67-0085V
ARL 67-0168T
ARL 67-1035A
ARL 67-1260L
ARL 68-0036V
ARL 68-0045V
ARL 68-0128V
ARL 68-0170V
ARL 6A-0330V
ARL 68-1206A
ARL 68-1212A
ARL 68-1340A

WATSON D K
AFCRL 67-0390

WATSON E M
AFCRL 67-0896

WATSON J D
ARL 67-0278U

WATSON J W
AFOSH 68-0289

WATSON K W
AFOSR 68-2020

WATSON R E
AFOSR 67-0596
AFOSH 67-1162

WATSON W H
AFCRL 67-0307

WATT J T JR
AFOSR 67-0765

WATT W C
AFOSR 67-2534
AFOSR 68-0449

WATTS R K
AFOSR 67-0797
AFOSR 68-0542

WAUGH F
AFOSR 68-1133
AFOSR 68-1336

WAXMAN R
AFCRL 68-0594

WAYNICK A H
AFCRL 67-0466

WDOWCZYK J
AFOSR 67-0261

WEAVER D R
AFOSR 69-0827

WEB S R
ARL 68-0271W

WEBB G N
ARL 67-0070U
ARL 68-0096U

WEBB G W
AFOSR 67-0626
AFOSR 67-1444
AFOSR 68-1532

WEBB M H
AFOSR 67-0533
AFOSR 67-2475

WEBB S R
ARL 67-0021U
ARL 67-0022U
ARL 68-0310W

WEBB T G
AFCHL 60-0428

WEBBER W R
AFCRL 67-0677
AFCRL 68-0051

WEBER C L
AFOSR 67-0686
AFOSH 68-2350

WEBER J
AFOSR 67-1615
AFOSR 68-0252
AFOSR 68-0426

ARL 68-1104N

WEBSTER A R
AFCRL 67-0284
AFCRL 68-0474

WEBSTER M P
AFCRL 68-0058

WEBSTER S J
AFOSR 68-1278
AFOSR 68-1275

WEEKS D C
AFOSR 68-1375

WEMER G K
AFAL 67-0003

WEI C M
AFOSH 67-0723
AFOSR 67-0727
AFOSR 67-1714
AFOSR 68-2431
AFOSR 68-2461
AFOSR 68-2735

WEI D T Y
ARL 68-0230V
ARL 68-0231V

WEI T Y
ARL 68-0249V

WEIDENHOFER N
AFOSH 68-2325

WEIGL P
AFOSR 67-1570
AFOSR 68-0232
AFOSR 68-1715
AFOSR 68-1815

WEILER M
AFOSR 67-1126

WEILER M M
AFOSR 67-0155
AFOSR 68-0334

WEINBERG E A
AFOSH 67-0958

WEINBERG S
AFOSR 67-0058
AFOSR 67-0059
AFOSR 67-1443
AFOSR 67-1455

WEINBERGER M F
AFOSR 67-0356

WEINER J M
AFOSR 67-1253
AFOSH 68-1871

WEINER R A
AFOSR 68-2420

WEINER S
AFOSR 68-0976

WEINER S A
AFOSR 68-1271

WEINMAN D G
AFOSR 67-0980

WEINSTEIN A
AFOSR 67-0130
AFOSR 67-2590

WEINSTEIN M
AFAL 67-0049

WEINZIERL P
AFOSR 67-0581
AFOSR 68-1041

WEIR R A
AFOSR 68-0484
AFOSR 68-0539
AFOSR 68-1224

WEIS-FOGH T
AFOSR 68-0305

WEISBERGER W I
AFOSR 68-2263

WEISS H
AFOSR 67-2171
AFOSR 68-1319

WEISS B D
AFCRL 67-0183
AFCRL 68-0154
AFCRL 68-0272

WEISS D J
AFOSR 67-1847

WEISS D S
AFOSR 68-1556

WEISS J G
AFCRL 67-0348
AFCRL 67-0349

WEISS K
AFCRL 67-0512

WEISS L
AFOSR 68-0169
AFOSR 68-1538
AFOSR 68-2209
AFOSR 68-2539

WEISS M R
AFCRL 68-0116

WEISS N J
AFOSR 68-2736

WEISSKOPF M C
AFCRL 68-0064

WEISSLER G L
ARL 67-0178U

WEITKAMP W
ARL 68-1105N

WELCH A J
AFOSR 67-0710
AFOSR 67-1569
AFOSR 67-1594
AFOSR 67-1890
AFOSR 67-2137
AFOSR 68-0154
AFOSR 68-1777

WELCH A S
AFOSR 68-1748
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AFOSR 68-1774
AFOSR 68-2060
AFOSR 68-2697
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WELCH R L
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AFOSR 68-2697
AFOSR 68-2732

WELCH W J
AFCRL 67-0548

WELDON E J
AFCRL 67-0177
AFCRL 67-0179
AFCRL-67-0178

WELDON E J JR
AFCRL 67-0566

WELLER T
AFOSR 68-0629

WELLES S J
AFOSR 67-0556

WELLS C S JR
AFOSH 68-0092

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WELLS M B
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AFCRL 68-0479
AFCRL 68-0480

WELLS M J
AFOSH 68-0287

WELSH L B
AFOSR 67-1870

WELSH S M
AFOSH 68-0679

WELSH W F
AFCRL 68-0286

WELTON K F
AFOSR 67-1088
AFOSR 67-1680

WENDLANDT W W
AFOSR 67-1500
AFOSR 67-1597
AFOSR 67-2020

WENDT G
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WENDT H R
AFOSR 68-0332

WENG-MENG C
AFCRL 67-0036

WENNERSTROM A J
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ARL 68-1306C

WENOGRAD J
AFOSH 68-2819

WENTWORTH R C
AFCRL 67-0250

WERFEN G G
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WERNER G
AFOSR 68-0672

WERNER J
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WERNER M
AFOSR 67-1046

WERNTZ C
AFOSR 67-0025

WERNTZ C B
AFOSR 67-2093
AFOSR 68-0798

WERT C
AFOSR 67-2774
AFOSR 68-0854

WERTHAMER N R
AFOSH 68-0167

WERTZ J E
AFOSR 67-0535
AFOSR 68-0197
AFOSR 68-0200

WESCOTT E M
AFCRL 67-024[illegible]

WESKE J R
AFOSR 68-1492

WEST C N
AFCRL 67-0154

WEST G B
AFOSR 67-1724
AFOSR 67-2031

WEST M
AFOSH 67-0197
AFOSR 67-0208
AFOSR 67-1426
AFOSR 67-2376
AFOSR 67-2377
AFOSR 68-1157

WESTLAKE D A
AFCRL 68-0128
AFCRL 68-0129
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WESTLUND C D
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AFCRL 68-0010

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WEVER M
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WEXLER B
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AFOSR 68-0045

WHALEY M
AFOSH 67-0966

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AFOSH 67-0326

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AFCRL 68-0177

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AFOSH 68-0506
AFOSH 68-1260

WHEELER N G
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AFOSH 67-1931
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ARL 68-1345A
AEROSPACE RESEARCH LABORATORIES
THE DECAY OF CL SUPER 143
PAPER PRESENTED TO THE AMERICAN PHYSICAL SOCIETY MTG, WASH, D. C., APRIL 1968
OAR ACCESS NO.....210430-036
BY COTHERN C R
REICES J J
HENNECKE M J
MANTHURUTHIL J C
INSTR...ARL-7112-00-02
PROJECT.....7112

ARL 68-1346A
AEROSPACE RESEARCH LABORATORIES
EFFECTS OF ELECTRODE GEOMETRY SIMILARITY ON SCALING LAWS IN ELECTROFLUIDDYNAMIC ENERGY CONVERSION PROCESSES - PART I FUNDAMENTAL CONSIDERATIONS
ARTICLE PUBLISHED IN AGARDOGRAPH NO. 122
OAR ACCESS NO.....210520-009
BY DECAIRE J A
INSTR...ARL-7116-00-[illegible]
PROJECT.....[illegible]

ARL 68-1347L
AEROSPACE RESEARCH LABORATORIES
COSMOLOGY
LECTURE TO SPRINGFIELD ENGINEERS CLUB, SPRINGFIELD, OHIO
OAR ACCESS NO.....211270-002
BY FICKLEN S T
INSTR...ARL-7114-30-[illegible]
PROJECT.....7114

ARL 68-1348L
AEROSPACE RESEARCH LABORATORIES
THE EVALUATION OF A COSMOLOGICAL MODEL
TWO LECTURES TO UNIVERSITY OF CINCINNATI, PHYSICS DEPARTMENT
OAR ACCESS NO.....211270-003
BY FICKLEN S T
INSTR...ARL-7114-30-09
PROJECT.....7114

ARL 68-1349L
AEROSPACE RESEARCH LABORATORIES
ELECTRONIC STRUCTURE OF II-VI AND III-V COMPOUNDS AS CALCULATED BY THE OPW METHOD
LECTURE AT THE UNIVERSITY OF WASHINGTON, NOVEMBER 1968
OAR ACCESS NO.....210580-036
BY COLLINS T C
INSTR...ARL-7885-30-04
PROJECT.....7885

ARL 68-1350A
AEROSPACE RESEARCH LABORATORIES
STUDIES OF HYDROGEN-AIR SUPERSONIC COMBUSTION AT LOW DENSITIES
PAPER PRESENTED AT WESTERN STATES SECTION THE COMBUSTION INSTITUTE, STANFORD RESCH INSTITUTE, MENLO PARK, CA, 28-29 OCT 68
OAR ACCESS NO.....210900-009
BY DREWRY J E
DUNN M G
INSTR...ARL-7065-00-16
PROJECT.....7065

ARL 68-1351A
AEROSPACE RESEARCH LABORATORIES
DIE WIRKUNG AXIALEN DRUCKES AUF EXCITON-NIVEAUS IN II-VI VERBINDUNGEN MIT WURTZITE STRUKTUR
PRESENTATION AT THE SEMICONDUCTOR CONFERENCE, BERLIN, GERMANY, MARCH 18-25, 1969.
OAR ACCESS NO.....210580-004
BY KOSA T
LANGER D
INSTR...ARL-7005-00-02
PROJECT.....7005

ARL 68-1352M
CASE WESTERN RESERVE UNIVERSITY
THE THERMAL BROADENING OF EXCITON LEVELS IN II-VI COMPOUND SEMICONDUCTORS
LECTURE GIVEN AT ARL, 15 NOV 68
OAR ACCESS NO.....209520-049
BY SEGALL B
INSTR...AF-33/615/02272
PROJECT.....7085

ARL 68-1353M
[illegible]
TUNNELING EFFECTS IN SOLIDS
LECTURE GIVEN AT ARL, 14 OCTOBER 1968
OAR ACCESS NO.....209520-050
BY SARI L
INSTR...AF-33/615/02272
PROJECT.....7085

ARL 68-1354M
MIT LINCOLN LABORATORIES
EXPERIMENTAL DETERMINATION OF THE ELECTRON DENSITIES IN SOME OF THE II-VI COMPOUNDS WITH THE THEORETICALLY CALCULATED ELECTRON DENSITIES IN THE SAME COMPOUNDS
LECTURE GIVEN AT ARL, 16 SEPT 1968
OAR ACCESS NO.....209520-051
BY RACCAH P
INSTR...AF-33/615/02272
PROJECT.....7085

ARL 68-1355M
PURDUE UNIVERSITY
THEORY OF EXCITON-IMPURITY COMPLEXES
LECTURE GIVEN AT ARL, 8 MARCH 1968
OAR ACCESS NO.....209520-052
BY SHARMA R R
INSTR...AF-33/615/02272
PROJECT.....7085

ARL 68-1356M
UNIVERSITY OF SALFORD
THE THERMAL EXPANSION OF SOLIDS
LECTURE GIVEN AT ARL, 19 AUG 1968
OAR ACCESS NO.....209520-053
BY YATES B
INSTR...AF-33/615/02272
PROJECT.....7085

ARL 69-1357M
UNIVERSITY OF WASHINGTON
CURRENT OSCILLATION AND SATURATION IN CDSE
LECTURE GIVEN AT ARL, 10 JUNE 1968
OAR ACCESS NO.....209520-054
BY YEE S
INSTR...AF-33/615/02272
PROJECT.....7085

ARL 69-1358M
UNIVERSITY OF NEBRASKA
PHONON EFFECTS ON CARRIER TRANSITIONS AT IMPURITY CENTERS
LECTURE GIVEN AT ARL, 12 DECEMBER 1968
OAR ACCESS NO.....209520-055
BY HARDY J R
INSTR...AF-33/615/02272
PROJECT.....7085

ARL 68-1359M
UNIVERSITY OF CINCINNATI
PARAELECTRIC DIPOLAR EFFECTS IN SOLIDS
LECTURE GIVEN AT ARL, 2 DECEMBER 1968
OAR ACCESS NO.....209520-056
BY FEDDER R
INSTR...AF-33/615/02272
PROJECT.....7085

ARL 68-1360M
BELL TELEPHONE LABORATORIES
OPTICAL STUDIES OF DEEP ELECTRON TRAPS IN GAP
LECTURE GIVEN AT ARL, 30 OCTOBER 1968
OAR ACCESS NO.....209520-057
BY HENRY C
INSTR...AF-33/615/02272
PROJECT.....7085

ARL 69-1361M
UNIVERSITY OF CINCINNATI
PARAELECTRIC DIPOLAR EFFECTS IN SOLIDS
LECTURE GIVEN AT ARL, 2 DECEMBER 1968
OAR ACCESS NO.....209520-058
BY FEDDER R
INSTR...AF-33/615/02272
PROJECT.....7085

ARL 68-1362A
SOLID STATE PHYSICS RESEARCH LABORATORY
EVIDENCE FOR SPATIAL DISPERSION IN EMISSION FROM CDS PLATELETS
PRESENTED AT THE 9TH INTERNATIONAL CONF ON THE PHYSICS OF SEMICONDUCTORS, MOSCOW, RUSSIA, JULY 1968
OAR ACCESS NO.....210580-037
BY REYNOLDS D C
EUBERA R N
COLLINS T C
INSTR...ARL-7885-00-04
PROJECT.....7885

ARL 68-1363A
AEROSPACE RESEARCH LABORATORIES
EXCITONS IN II-VI COMPOUNDS
PUBLISHED IN PROCEEDINGS OF A NATO INTL. ADVANCED STUDY INSTITUTE, UNIV OF FREIBURG, GERMANY, OCTOBER 1968
OAR ACCESS NO.....210580-038
BY REYNOLDS D C
INSTR...ARL-7805-00-04
PROJECT.....7885

ARL 68-1364A
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ELECTROFLUIDDYNAMIC ENERGY CONVERSION PROCESSES, CHARACTERISTICS, AND RESEARCH AREAS
ARTICLE PUBLISHED IN AGARDOGRAPH NO. 122
OAR ACCESS NO.....210520-010
BY LAWSON W D
INSTR...ARL-7116-00-01
PROJECT.....7116

ARL 68-1365A
AEROSPACE RESEARCH LABORATORIES
SOME ANALYTICAL TREATMENTS OF ELECTROFLUIDDYNAMIC PROCESSES
ARTICLE PUBLISHED IN AGARDOGRAPH NO. 122
OAR ACCESS NO.....209590-002
BY MENANDI J F
INSTR...AF-33(615)03203
PROJECT.....7116

ARL 68-1366A
AEROSPACE RESEARCH LABORATORIES
WORKING MEDIA FOR ELECTROFLUIDDYNAMIC GENERATORS
ARTICLE PUBLISHED IN AGARDOGRAPH NO. 122
OAR ACCESS NO.....210520-011
BY HAWES M
INSTR...ARL-7116-00-01
PROJECT.....7116

ARL 68-1367A
AEROSPACE RESEARCH LABORATORIES
EFFECTS OF ELECTRODE GEOMETRY SIMILARITY ON SCALING LAWS IN ELECTROFLUIDDYNAMIC ENERGY CONVERSION PROCESSES - PART II-EXPERIMENTAL RESULTS
ARTICLE PUBLISHED IN AGARDOGRAPH NO. 122
OAR ACCESS NO.....210520-012
BY GIFFALL J R
INSTR...ARL-7116-00-01
PROJECT.....7116

ARL 68-1368A
AEROSPACE RESEARCH LABORATORIES
THE ROLE OF ELECTROFLUIDDYNAMICS IN THE FIELD OF DIRECT ENERGY CONVERSION
ARTICLE PUBLISHED IN AGARDOGRAPH NO. 122
OAR ACCESS NO.....210520-013
BY VON OHAIN J P
INSTR...ARL-7116-00-01
PROJECT.....7116

ARL 68-1369A
AEROSPACE RESEARCH LABORATORIES
COMMENTS ON ELECTROFLUIDDYNAMICS AND RELATED RESEARCHES IN ITALY
ARTICLE PUBLISHED IN AGARDOGRAPH NO. 122
OAR ACCESS NO.....210690-001
BY NAPOLITANO L G
INSTR...AF-61(052)00913
PROJECT.....7116

ARL 68-1370A
AEROSPACE RESEARCH LABORATORIES
EMISSION FROM EXCITED TERMINAL STATES OF BOUND EXCITON COMPLEXES
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OAR ACCESS NO.....210580-339
BY REYNOLDS D C
INSTR...ARL-7085-00-04
PROJECT.....7085

ARL 68-1371M
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ENERGY STATES OF LOW-LYING IMPURITIES UNDER STRESS
LECTURE GIVEN AT ARL, 28 MAY 1968
OAR ACCESS NO.....211120-007
BY JONES H
INSTR...F33615-67-C-1758
PROJECT.....7085

ARL 68-1372L
UNIVERSITE DE PARIS
SURFACE EFFECTS AND SURFACE STATES IN CDS
LECTURE GIVEN AT ARL 24 JUNE 1968
OAR ACCESS NO.....210560-010
BY SEHILINE C
INSTR...ARL-7085-00-02
PROJECT.....7085

ARL 68-1373A
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RESONANT POLARON COUPLING IN SEMICONDUCTORS
PRESENTED AT THE CONFERENCE ON SEMIMETALS AND NARROW-GAP SEMICONDUCTORS, UNIV. OF DURHAM, ENGLAND, APRIL 1968.
OAR ACCESS NO.....210590-040
BY LITTON C W
INSTR...ARL-7085-00-04
PROJECT.....7085

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INFRA-RED MAGNETO-OPTICAL STUDIES OF LINE-SHAPE ANOMALIES CAUSED BY RESONANT POLARON COUPLING IN MAGNETIC STATES IN POLAR SEMICONDUCTORS
PRESENTED AT THE 9TH INTERNATIONAL CONF ON THE PHYSICS OF SEMICONDUCTORS, MOSCOW, RUSSIA, JULY 1968
OAR ACCESS NO.....210560-041
BY LITTEN C W
SMITH S D
INSTR...ARL-7085-00-04
PROJECT.....7085

ARL 68-1375A
AEROSPACE RESEARCH LABORATORIES
EFFECTS OF AXIAL STRESS ON THE EXCITON LEVELS IN WURTZITE II-VI COMPOUNDS
PRESENTED AT THE 9TH INTERNATIONAL CONF ON THE PHYSICS OF SEMICONDUCTORS, MOSCOW, RUSSIA, JULY 1968
OAR ACCESS NO.....210560-011
BY KUDA T
LANGER D W
FUKUMA R N
INSTR...ARL-7085-00-02
PROJECT.....7085

ARL 68-1376C
AEROSPACE RESEARCH LABORATORIES
DETERMINATION OF THE ZIRCONIA - HAFNIA PHASE DIAGRAM
PUBLISHED IN OAR RESEARCH REVIEW, VOL VII, NO. 5, MAY 1968
OAR ACCESS NO.....209620-006
BY RUH R
GARRETT H J
INSTR...ARL-7021-00-01
PROJECT.....7021

ARL 68-1377B
WILKES COLLEGE
AMPLITUDE DEPENDENT INTERNAL FRICTION IN SODIUM CHLORIDE
PRESENTED AT AMERICAN PHYSICAL SOCIETY, MIAMI BEACH, FLA. 15 NOVEMBER 1968.
OAR ACCESS NO.....208431-006
BY HOLDEN S J
INSTR...AF-33(615)01526
PROJECT.....7021

ARL 68-1378B
IIT RESEARCH INSTITUTE
TECHNIQUES FOR THE MEASUREMENT OF HIGH RESISTIVITY CERAMICS
PRESENTED AT JOINT FALL MTG. OF THE BASIC SCIENCE AND ELECTRONIC DIV. OF AMER.CERAM.SOC., ST.PAUL, MINN., SEPT 17-20, 1968.
OAR ACCESS NO.....210930-004
BY MILLS J J
INSTR...AF-33(615)05448
PROJECT.....7021

ARL 68-1379A
AEROSPACE RESEARCH LABORATORIES
APPARATUS FOR THERMOLUMINESCENCE MEASUREMENTS
PRESENTED AT THE SECOND INTERNATIONAL CONFERENCE ON LUMINESCENCE DOSIMETRY, GATLINBURG, TENN., 23-26 SEPT, 1968
OAR ACCESS NO.....210890-010
BY LAND P L
WYSONG E D
INSTR...ARL-7021-00-12
PROJECT.....7021

ARL 68-1380A
AEROSPACE RESEARCH LABORATORIES
THE INFLUENCE OF EXTRUSION VARIABLES ON THE MICRO STRUCTURE OF COPPER
PRESENTED AT FALL MTG., MET. SOCIETY AIME, 14 OCTOBER 1968.
OAR ACCESS NO.....211220-008
BY ADAIR A M
FRANK D F
INSTR...ARL-7021-00-19
PROJECT.....7021

ARL 68-1381A
AEROSPACE RESEARCH LABORATORIES
LOW-TEMPERATURE SYNTHESIS OF EUROPIUM AND YTTERBIUM INTERMETALLIC COMPOUNDS
PRESENTED AT THE 7TH RARE-EARTH RESEARCH CONFERENCE, CORONADO, CALIF., 27-31 OCTOBER 1968.
OAR ACCESS NO.....211640-002
BY CHAVEN M E
OSTERTAG W
INSTR...ARL-7021-00-23
PROJECT.....7021

ARL 68-1382A
AEROSPACE RESEARCH LABORATORIES
RARE-EARTH ZIRCONIA CERAMIC STORAGE HEATERS PROVIDING FLIGHT SIMULATION FOR AIR BREATHING PROPULSION SYSTEMS
PRESENTED AT THE 1968 AIR FORCE SCIENCE & ENGINEERING SYMPOSIUM, USAF ACADEMY COLORADO SPRINGS, COLO 30-31OCT, 1 NOV 68
OAR ACCESS NO.....211660-008
BY FEHRENBACHER L L
INSTR...ARL-7021-00-25
PROJECT.....7021

ARL 68-13818
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HYPERSONIC LIFTING BODY OPTIMIZATION
PAPER PRESENTED AT THE AIAA ENTRY VEHICLE SYSTEMS AND TECHNOLOGY MEETING, WILLIAMSBURG, VA., 3-5DEC68.
OAR ACCESS NO.....209910-020
BY HARRY W L
ELLIOTT G A
INSTR...ARL-7064-00-02
PROJECT.....7064

ARL 68-13848
AEROSPACE RESEARCH LABORATORIES
ANALYTICAL TREATMENT OF THE EXPLOSION PROBLEM
OAR RESEARCH REVIEW ARTICLE, VOL VII, NO 7, JULY 1968, PP. 13-19
OAR ACCESS NO.....211770-003
BY GORESH J W
INSTR...ARL-7065-00-20
PROJECT.....7065

ARL 68-13858
AEROSPACE RESEARCH LABORATORIES
A HYMNID DATA ACQUISITION AND CONTROL SYSTEM FOR A HYPERSONIC WIND TUNNEL COMPLEX
OAR RESEARCH REVIEW ARTICLE, VOL VII, NO 7, JULY 1968, PP. 19-20
OAR ACCESS NO.....211780-004
BY HAUGEN R L
INSTR...ARL-7065-00-21
PROJECT.....7065

ARL 68-13868
AEROSPACE RESEARCH LABORATORIES
AIR AND NITROGEN CONDENSATION IN HYPERSONIC NOZZLE FLOW
OAR RESEARCH REVIEW ARTICLE, VOL VII, NO 3, MAR 68, P. 11.
OAR ACCESS NO.....210160-013
BY DAUM F L
GYARMATHY G
INSTR...ARL-7065-00-14
PROJECT.....7065

ARL 68-13878
AEROSPACE RESEARCH LABORATORIES
PROBING THE ELECTRONIC PROPERTIES OF CRYSTALS BY PRESSURE
PUB IN PROCEEDINGS OF 1968 SCIENCE AND ENGINEERING SYMPOSIUM
OAR ACCESS NO.....210560-012
BY LANGEN D W
INSTR...ARL-7045-00-02
PROJECT.....7045

ARL 68-13880
AEROSPACE RESEARCH LABORATORIES
CAVITY REACTOR WITH EXTERNAL SEPARATOR
OAR ACCESS NO.....210540-017
BY VON OHAIN J P
KELLER W R
INSTR...ARL-7116-00-03
PROJECT.....7116

ARL 68-13896
AEROSPACE RESEARCH LABORATORIES
RESEARCH IN MULTICOMPONENT FLOW
OAR RESEARCH REVIEW, VOL. VII, NO. 6, JUNE 1968
OAR ACCESS NO.....210540-018
BY HUTT J O
INSTR...ARL-7116-00-03
PROJECT.....7116

ARL 68-13908
AEROSPACE RESEARCH LABORATORIES
EJECTORS AND THRUST AUGMENTATION
TECHNICAL BRIEFING GIVEN TO FDC, WPAFB, OHIO
OAR ACCESS NO.....211700-002
BY CAMPBELL W S
INSTR...ARL-7116-00-05
PROJECT.....7116

ARL 68-13918
AEROSPACE RESEARCH LABORATORIES
ELECTROFLUIDODYNAMIC EFD POWER GENERATION
TECHNICAL BRIEFING TO INTERAGENCY ADVANCED POWER GROUP, PROPULSION LABORATORY WPAFB, OHIO
OAR ACCESS NO.....211720-014
BY LAWSON W C
INSTR...ARL-7116-00-01
PROJECT.....7116

ARL 68-13928
AEROSPACE RESEARCH LABORATORIES
ELECTROFLUIDODYNAMIC EFD PROCESSES
TECHNICAL BRIEFING TO INTERAGENCY ADVANCED POWER GROUP, FORT BELVOIR, VIRGINIA
OAR ACCESS NO.....210520-015
BY DECAIRE J A
INSTR...ARL-7116-00-01
PROJECT.....7116

ARL 68-13930
AEROSPACE RESEARCH LABORATORIES
GAS HEATER
PATENT NO. 3,385,287
OAR ACCESS NO.....210820-016
BY LAWSON W C
INSTR...ARL-7116-00-01
PROJECT.....7116

ARL 68-13940
AEROSPACE RESEARCH LABORATORIES
THE COLLOIDAL GAS CORE REACTOR
PATENT PENDING
OAR ACCESS NO.....210540-019
BY VON OHAIN J P
KELLER W R
INSTR...ARL-7116-00-03
PROJECT.....7116

ARL 68-13950
AEROSPACE RESEARCH LABORATORIES
CAVITY REACTOR WITH TWO STAGE SEPARATION
PATENT PENDING
OAR ACCESS NO.....210540-020
BY VON OHAIN J P
KELLER W R
INSTR...ARL-7116-00-03
PROJECT.....7116

ARL 68-13958
AEROSPACE RESEARCH LABORATORIES
ELECTROFLUIDODYNAMIC ENERGY CONVERSION
OAR RESEARCH REVIEW, VOL. VII, [illegible] 6, JUNE 1968
OAR ACCESS NO.....210520-017
BY LAWSON W C
INSTR...ARL-7116-00-01
PROJECT.....7116

ARL 68-13970
AEROSPACE RESEARCH LABORATORIES
AIR AND NITROGEN CONDENSATION IN HYPERSONIC NOZZLE FLOW
OAR RESEARCH REVIEW, VOL VII, NO. 6, JUNE 1968
OAR ACCESS NO.....210540-021
BY DAUM F L
GYARMATHY G
INSTR...ARL-7116-00-03
PROJECT.....7116

ARL 68-13998
AEROSPACE RESEARCH LABORATORIES
[illegible]RIAL ASPECTS OF V/STOL
[illegible]LECTURE PRESENTED TO AFIT FACULTY AND STAFF, WPAFB, OHIO
OAR ACCESS NO.....211700-003
BY CAMPBELL W S
INSTR...ARL-7116-00-05
PROJECT.....7116

ARL 68-13991
AEROSPACE RESEARCH LABORATORIES
ELECTROFLUIDODYNAMIC EFD POWER GENERATION
LECTURE TO AFIT STUDENTS, WPAFB, OHIO
OAR ACCESS NO.....210520-018
BY DECAIRE J A
INSTR...ARL-7116-00-01
PROJECT.....7116

ARL 68-14000
AEROSPACE RESEARCH LABORATORIES
MICROSCOPIC PARTICLE SEPARATION AND APPLICATION
PAPER PRESENTED AT AGARD MATC, OTTAWA, ONTARIO, CANADA
OAR ACCESS NO.....210540-022
BY MILLER W A
POPLAWSKI R
INSTR...ARL-7116-00-03
PROJECT.....7116

ARL 68-14010
AEROSPACE RESEARCH LABORATORIES
ARL RESEARCH APPLICATIONS TO V/STOL AIRCRAFT
PAPER PRESENTED AT THE PROCEEDINGS OF THE OAR RESEARCH APPLICATIONS CONFERENCE ARLINGTON, VIRGINIA
OAR ACCESS NO.....211700-004
BY YOUNG F L
CAMPBELL W S
INSTR...ARL-7116-00-05
PROJECT.....7116

ARL 68-14020
AEROSPACE RESEARCH LABORATORIES
COMPUTER STUDY OF ELECTROFLUIDODYNAMIC COLLOID GENERATOR
PAPER PRESENTED AT THE 1968 INTERSOCIETY ENERGY CONVERSION ENGINEERING CONFERENCE AT UNIVERSITY OF COLORADO, BOULDER, COLORADO AUGUST 13-17, 1968
OAR ACCESS NO.....209940-003
BY MINAROI J F
INSTR...AF-33(615)03203
PROJECT.....7116

ARL 68-14033
LOCKHEED AIRCRAFT CORPORATION
THEORETICAL CONSTITUTION OF SILICON CARBIDE
THE INTERNATIONAL CONFERENCE ON SILICON CARBIDE, OCT 21, 1968, UNIVERSITY PARK, PA / PUB. PROCEEDINGS OF, 1968
DAR ACCESS NO.....210761-003
BY HERMAN F
INSTR...F33615-67-C-1793
PROJECT.....7085

ARL 68-14044
OHIO STATE UNIVERSITY RESEARCH FOUNDATION
THERMAL EXPANSION OF CUBIC FROM 2 DEGREES TO 300 DEGREES K
THE SYMPOSIUM ON THERMAL EXPANSION OF SOLIDS, GAITHERSBURG, MD., SEPT 18-20, 1968
DAR ACCESS NO.....209420-005
BY BEEGER R. G.
INSTR...AF-33(615)02273
PROJECT.....7955

ARL 68-14050
LOCKHEED AIRCRAFT CORPORATION
ENERGY BAND STRUCTURE OF CUCL, CUBR, CUI, AND AGI
THE AMERICAN PHYSICAL SOCIETY MEETING, BERKELEY, MARCH 1968
DAR ACCESS NO.....210761-004
BY HERMAN F
KORTUM R L
INSTR...F33615-67-C-1793
PROJECT.....7085

ARL 68-14060
LOCKHEED AIRCRAFT CORPORATION
DISCUSSION OF MOLECULAR ORBITAL AND PANG-THEORY CALCULATIONS
THE PROCEEDINGS OF THE 1968 SANTA FE CONFERENCE ON RADIATION EFFECTS IN SEMICONDUCTORS,
DAR ACCESS NO.....210761-005
BY HERMAN F
CALLAWAY J
LINDARD A M
WATKINS G D
CORBETT J W
INSTR...F33615-67-C-1793
PROJECT.....7085

ARL 68-14070
LOCKHEED AIRCRAFT CORPORATION
RELATIVISTIC ENERGY BAND MODELS FOR GERMANIUM AND GREY TIN
THE AMERICAN PHYSICAL SOCIETY MEETING, BERKELEY, MARCH 1968
DAR ACCESS NO.....210761-006
BY VAN DYKE J P
HERMAN F
INSTR...F33615-67-C-1793
PROJECT.....7085

ARL 68-14084
AEROSPACE RESEARCH LABORATORIES
HYPERSONIC WALL DAMPING DERIVATIVE OF A BLUNT CONE
PAPER PRESENTED AT 2ND TECHNICAL WORKSHOP ON DYNAMIC STABILITY PROBLEMS AT NASA AMES RESEARCH CENTER
DAR ACCESS NO.....737859-011
BY QUINN J
INSTR...ARL-7064-00-01
PROJECT.....7064

ARL 68-14090
LOCKHEED AIRCRAFT CORPORATION
NEW STUDIES OF THE ENERGY BAND STRUCTURE OF TETRAHEDRALLY-BONDED SEMICONDUCTORS AND SEMIMETALS
THE PROCEEDINGS OF AIME 1968
DAR ACCESS NO.....210761-007
BY HERMAN F
INSTR...F33615-67-C-1793
PROJECT.....7085

ARL 68-14100
LOCKHEED AIRCRAFT CORPORATION
ELECTRONIC STRUCTURE OF TETRAHEDRALLY-BONDED SEMICONDUCTORS - EMPIRICALLY-ADJUSTED OPW ENERGY BAND CALCULATIONS
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BY HERMAN F
KORTUM R L
KUGLIN C D
VAN DYKE J P
SKILLMAN S
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PROJECT.....7085

ARL 68-14114
LOCKHEED AIRCRAFT CORPORATION
ELECTRONIC STRUCTURE AND OPTICAL SPECTRUM OF CRYSTALS
THE INTERNATIONAL ADVANCED SUMMER PHYSICAL INSTITUTE, CRETE, GREECE JUNE-JULY 1968
DAR ACCESS NO.....210761-009
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PROJECT.....7085

ARL 68-14128
CLEVITE CORP., ELECTRONIC RESEARCH DIVISION
THE CADMIUM SULFIDE THIN FILM SOLAR CELL
THE HANNOVER ELECTRONICS CONFERENCE, HANNOVER, WEST GERMANY 2 MAY 1968
DAR ACCESS NO.....210611-002
BY SHIRLAND F A
INSTR...F33615-68-C-1182
PROJECT.....7085

ARL 68-14130
LOCKHEED AIRCRAFT CORPORATION
ELECTRONIC STRUCTURE AND OPTICAL SPECTRUM OF SILICON CARBIDE
THE INTERNATIONAL CONFERENCE ON SILICON CARBIDE, OCT 21, 1968, UNIVERSITY PARK, PA., PUB. PROCEEDINGS OF, 1968
DAR ACCESS NO.....210761-010
BY HERMAN F
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KORTUM R L
INSTR...F33615-67-C-1793
PROJECT.....7085

ARL 68-14140
NEW YORK UNIVERSITY
MICROSCOPIC THEORY OF LATTICE RAMAN SCATTERING IN CRYSTAL CONTAINING IMPURITIES
INTERNATIONAL CONFERENCE ON LIGHT SCATTERING SPECTRA OF SOLIDS AT NEW YORK UNIV., OCT 1968, PUB. PROCEEDINGS OF.
DAR ACCESS NO.....209062-002
BY GANGULY A K
HERMAN J L
INSTR...F33615-68-C-1436
PROJECT.....7085

ARL 68-14150
NEW YORK UNIVERSITY
THEORY OF INTERACTION OF LIGHT WITH INSULATING CRYSTALS
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DAR ACCESS NO.....209062-003
BY HENOCH B
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ARL 68-14168
CLEVITE CORP
INTEGRATED CDS SOLAR CELL ARRAY
PRESENTED AT THE SEVENTH PHOTOVOLTAIC SPECIALISTS CONFERENCE, PASADENA, CALIF. 19 NOV 1968
DAR ACCESS NO.....210611-003
BY MARTIN J M
SHIRLAND F A
INSTR...F33615-68-C-1182
PROJECT.....7085

ARL 68-14170
CLEVITE CORP
THE MECHANISM OF THE PHOTOVOLTAIC EFFECT IN HIGH EFFICIENCY CDS THIN-FILM SOLAR CELLS
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DAR ACCESS NO.....211000-003
BY SHIOZAWA L R
SULLIVAN G A
AUGUSTINE F
INSTR...AF-33(615)05224
PROJECT.....7085

ARL 68-14188
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THEORY OF THE PHASE TRANSITION IN IV-VI COMPOUNDS
INTERNATIONAL COLLOQUIUM ON IV-VI COMPOUNDS, PARIS, JULY 1968 PUB. PROCEEDINGS OF, J. DE PHYSIQUE 1968.
DAR ACCESS NO.....? 9062-004
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INSTR...F33615-68-C-1436
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ARL 68-14198
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PRESENTED AT THE INTERNATIONAL CONFERENCE ON IV-VI SEMICONDUCTING COMPOUNDS, PARIS, FRANCE JULY 1968
DAR ACCESS NO.....210761-011
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INSTR...F33615-67-C-1793
PROJECT.....7085

ARL 68-14200
LOCKHEED AIRCRAFT CORPORATION
RELATIVISTIC FORMULATION OF THE METHOD OF ORTHOGONALIZED PLANE WAVES
PRESENTATION AT THE AMERICAN PHYSICAL SOCIETY MEETING, BERKELEY, MARCH 1968
DAR ACCESS NO.....210761-012
BY GREENBERGER I B
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INSTR...F33615-67-C-1793
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ARL 68-14219
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RELATIVISTIC BAND STRUCTURE OF GETE, SNTE, PBTE, PBSE AND PBS
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INSTR...F33615-67-C-1793
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ARL 68-14220
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SERIES OF LECTURES, SOLID STATE PHYSICS, LABORATOIRE DE PHYSIQUE DES SOLIDES, UNIVERSITY OF PARIS, JUNE 1968
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LECTURES AT SOLID STATE SEMINARS AT ARGONNE NATIONAL LABORATORY, OCT 1968 UNIVERSITY OF ILLINOIS, OCT 1968
OAR ACCESS NO.....210761-015
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ARL 68-14240
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NUCLEAR SPIN-LATTICE RELAXATION IN SEMICONDUCTING CADMIUM SULFIDE
OAR RESEARCH REVIEW ARTICLE, VOL. 5(1), NUMBER 11, NOVEMBER 1967
OAR ACCESS NO.....210550-021
BY LOOK D C
INSTR...ARL-7065-30-01
PROJECT.....7065

ARL 68-14259
AEROSPACE RESEARCH LABORATORIES
SELF CONSISTENT ORN ENERGY BAND CALCULATIONS
LINCOLN LABORATORIES, LEXINGTON, MASS., 12 DECEMBER 1968
OAR ACCESS NO.....210590-032
BY FUKUYA K N
INSTR...ARL-7065-30-04
PROJECT.....7065

ARL 68-14260A
AEROSPACE RESEARCH LABORATORIES
THE FUNDAMENTAL INFRARED THRESHOLD IN THERMAL IMAGE DETECTION AS AFFECTED BY DETECTOR COOLING AND RELATED PROBLEMS
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INSTR...ARL-7065-30-04
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ARL 68-14274
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PRESENTED AT THE OHIO SECTION OF THE AM. PHYS. SOC. MEETING, COLUMBUS, OHIO, OCTOBER 1968
OAR ACCESS NO.....210670-038
BY SIEGEL B M M
INSTR...ARL-7065-30-04
PROJECT.....7065

ARL 68-14281
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EXCHANGE APPROXIMATIONS IN ENERGY BAND CALCULATIONS
LECTURE - LINCOLN LABORATORIES, LEXINGTON, MASS., 12 DECEMBER 1968
OAR ACCESS NO.....210590-044
BY STARKE D J
INSTR...ARL-7065-30-04
PROJECT.....7065

ARL 68-14291
AEROSPACE RESEARCH LABORATORIES
BAND STRUCTURE OF GAAS
LECTURE - LINCOLN LABORATORIES, LEXINGTON, MASS., 12 DECEMBER 1968
OAR ACCESS NO.....210590-044
BY COLLINS T C
INSTR...ARL-7065-30-04
PROJECT.....7065

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AEROSPACE RESEARCH LABORATORIES
VOLATILE RARE EARTH, ZIRCONIUM, AND HAFNIUM CHELATES OF BETA-DIKETONES
PROCEEDINGS OF THE 1967 INTERNATIONAL SYMPOSIUM, UNIVERSITY OF DAYTON PRESS, DAYTON, OHIO, 1968.
OAR ACCESS NO.....209700-108
BY SIEVERS R E
INSTR...ARL-7023-00-07
PROJECT.....7023

ARL 68-14316
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COORDINATION NUMBER OF THE RARE EARTHS IN SOME OF THEIR CHELATES
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OAR ACCESS NO.....209700-105
BY RICHARDSON M F
CUNNINGHAM J A
JANOS D F
WAGNER W F
INSTR...ARL-7023-00-07
PROJECT.....7023

ARL 68-14324A
AEROSPACE RESEARCH LABORATORIES
SOME ALKYL SILANE CHEMISTRY
PRESENTED AT UNIVERSITY OF IOWA, IOWA CITY, IOWA, 13 DEC 68
OAR ACCESS NO.....209720-058
BY FREEDURGER W E
INSTR...ARL-7023-00-09
PROJECT.....7023

ARL 68-14333A
AEROSPACE RESEARCH LABORATORIES
INFRARED RADIATION AND SUPPRESSION FROM THE EXHAUST PLUME OF JET AIRCRAFT DURING AFTERBURNER OPERATION
SEVENTH SYMPOSIUM ON INFRARED COUNTER-MEASURES IRIS, SAN DIEGO, CALIF., 3-5 DEC 68.
OAR ACCESS NO.....211150-028
BY MORRISON W E
SCHELLER K
INSTR...ARL-7023-00-11
PROJECT.....7023

ARL 68-14336A
AEROSPACE RESEARCH LABORATORIES
THE POTENTIAL OF PYRODYNAMICS
SEVENTH SYMPOSIUM ON INFRARED COUNTER-MEASURES IRIS, SAN DIEGO, CALIF., 3-5 DEC 68.
OAR ACCESS NO.....209720-059
BY SPIALTER L
INSTR...ARL-7023-00-09
PROJECT.....7023

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AEROSPACE RESEARCH LABORATORIES
IONIC PROCESSES IN CYCLIC ALKANES
CHEMICAL PHYSICS SEMINAR, UNIVERSITY OF KANSAS, LAWRENCE, KANSAS, 7 DEC 68.
OAR ACCESS NO.....209730-140
BY TIERNAN T O
INSTR...ARL-7023-00-10
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ARL 68-14336A
AEROSPACE RESEARCH LABORATORIES
NEGATIVE ION-MOLECULE REACTIONS IN SIMPLE INORGANIC SYSTEMS
CENTRAL RESEARCH LABORATORY, MONSANTO CHEMICAL COMP., ST. LOUIS, MISSOURI, 4 DEC 68.
OAR ACCESS NO.....209730-141
BY TIERNAN T O
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AEROSPACE RESEARCH LABORATORIES
IONIC PROCESSES IN CYCLOBUTANE
PRESENTED AT UNIVERSITY OF UTAH, SALT LAKE CITY, UTAH, 6 DEC 68.
OAR ACCESS NO.....209730-142
BY TIERNAN T O
INSTR...ARL-7023-00-10
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ARL 68-14338A
MONSANTO RESEARCH CORPORATION
QUANTITATIVE ANALYSES FOR ULTRA-TRACE AMOUNTS OF METALS BY GAS CHROMATOGRAPHY
PRESENTED AT 156TH AMERICAN CHEMICAL SOCIETY MEETING.
OAR ACCESS NO.....209730-106
BY MOSS R D
SIEVERS R E
INSTR...ARL-7023-00-07
PROJECT.....7023

ARL 68-1433M
STANFORD UNIVERSITY
EXTINCTION OF LANDAU DAMPING, AND COLLISIONAL INSTABILITIES IN RAMSAUER GASES
PAPER - PRESENTED AT THE ANNUAL MEETING OF THE DIV. OF PLASMA PHYSICS OF THE APS AT MIAMI BEACH, FLA.
OAR ACCESS NO.....208451-003
BY DOWLER H
INSTR...F33615-67-C-1206
PROJECT.....7073

ARL 68-1440M
OHIO STATE UNIVERSITY
NONLINEAR OPTICAL AND PHONON PARAMETRIC INTERACTIONS
LECTURE AT AHL
OAR ACCESS NO.....209520-059
BY HSU H
INSTR...AF-33/615/02272
PROJECT.....7073

ARL 68-1441M
PRINCETON UNIVERSITY
PAST, PRESENT AND FUTURE RESEARCH IN Q-MACHINE PLASMAS
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OAR ACCESS NO.....209520-060
BY CHEN F F
INSTR...AF-33/615/02272
PROJECT.....7073

ARL 68-1442M
MAX PLANCK INSTITUTE
SURVEY ON RESEARCH ON Q-MACHINE PLASMAS
LECTURE AT ARL
OAR ACCESS NO.....209520-061
BY VON GIEHRE G
INSTR...AF-33/615/02272
PROJECT.....7073

ARL 68-1443M
AVIONICS LABORATORY
PRIGOGINES THEORY OF NON-EQUILIBRIUM STATISTICAL MECHANICS
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OAR ACCESS NO.....210380-014
BY CASE C T
INSTR...ARL-7073-00-03
PROJECT.....7073

ARL 68-1444M
UNIVERSITY OF ILLINOIS
THE RADIAL PROFILE OF NEON IS METASTABLE IN A HE-NE LASER AND THEIR LENS EFFECT ON LASING AT 6401A
LECTURE AT ARL
OAR ACCESS NO.....210870-005
BY VERDEYEN J T
INSTR...AF-33/615/05248
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ARL 68-1445M
QUEENS UNIVERSITY OF BELFAST
ANALYSIS OF DIFFUSION AND RECOMBINATION LOSSES IN THE NEGATIVE GLOW
LECTURE AT ARL
OAR ACCESS NO.....211300-003
BY EMELEUS K G
INSTR...AF-EOAR -0042-67
PROJECT.....7073

ARL 68-1446M
AEROSPACE RESEARCH LABORATORIES
TURBULENCE IN MAGNETO PLASMAS
RCA VICTOR LTD MONTREAL, CANADA
OAR ACCESS NO.....210340-006
BY SHKAROFSKY I P
INSTR...ARL-7073-00-04
PROJECT.....7073

ARL 68-1447M
AERONAUTICAL RESEARCH ASSOCIATES OF PRINCETON
TRANSPORT PROPERTIES AND TURBULENCE IN MAGNETOPLASMAS
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OAR ACCESS NO.....209280-006
BY SANDRI G
INSTR...AF-33/615/01910
PROJECT.....7073

ARL 68-1448M
UNIVERSITY OF ILLINOIS
LASER DIAGNOSTICS OF PLASMAS
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OAR ACCESS NO.....210870-006
BY VERDEYEN J T
INSTR...AF-33/615/05248
PROJECT.....7073

ARL 68-1449M
AEROSPACE RESEARCH LABORATORIES
AN ELECTRODYNAMIC FUSION REACTOR
ITT FARNSWORTH CORPORATION FORT WAYNE, INDIANA
OAR ACCESS NO.....211300-003
BY HINSCH R
INSTR...ARL-7073-00-07
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ARL 68-1450I
AEROSPACE RESEARCH LABORATORIES
DETERMINATION OF SICKNESS AND COMPOSITION OF THIN FILMS BY THE METHOD OF X-RAY FLUORESCENCE
AFIT MASTERS THESIS GSP/PH/68-2
OAR ACCESS NO.....210880-049
BY CARPENTER J T
INSTR...AHL-7885-00-04
PROJECT.....7885

ARL 68-1451A
AEROSPACE RESEARCH LABORATORIES
NONLINEAR DATA REDUCTION IN PHYSICAL CHEMISTRY
FIFTH CARIBBEAN CHEMICAL CONFERENCE, UNIVERSITY OF WEST INDIES, BARBADOS, WEST INDIES, 6-11 JAN 69
OAR ACCESS NO.....209680-019
BY BECSEY J G
INSTR...AHL-7073-00-02
PROJECT.....7073

ARL 68-1452I
AEROSPACE RESEARCH LABORATORIES
CATHODOLUMINESCENCE OF ZNO
AFIT MASTERS THESIS GNE/PH/68-1 1968
OAR ACCESS NO.....210580-046
BY AILINGER L C
INSTR...ARL-7885-00-04
PROJECT.....7885

ARL 69-1453I
AEROSPACE RESEARCH LABORATORIES
ENERGY BAND MODEL FOR INFRA-RED STIMULATED EMISSION IN ZNS SINGLE CRYSTALS
AFIT MASTERS THESIS GSP/PH/68-4
OAR ACCESS NO.....210580-047
BY DICKMAN R S
INSTR...ARL-7885-00-04
PROJECT.....7885

ARL 68-1454R
PURDUE UNIVERSITY
ON A CLASS OF SELECTION AND RANKING PROCEDURES
MIMEO SER.ES NO.171 SEPTEMBER 1968
OAR ACCESS NO.....208270-017
BY GUPTA S S
PANCHAPAKESAN S
INSTR...AF-33/615/01244
PROJECT.....7071

ARL 68-1455I
AEROSPACE RESEARCH LABORATORIES
NUCLEAR SPIN-LATTICE RELAXATION IN SINGLE CRYSTALS OF CDS
AFIT MASTERS THESIS GNE/PH/68-8 1968
OAR ACCESS NO.....210550-024
BY LAMMERS K M
INSTR...AHL-7885-00-01
PROJECT.....7885

ARL 68-1456L
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SELF CONSISTENT OPW BAND CALCULATIONS WITH SPECIAL COMMENTS ON SATURATED EARTH PLUGS
LECTURE, UNIVERSITY OF GEORGIA, 23 MAY 1968
OAR ACCESS NO.....210580-048
BY COLLINS T C
INSTR...AHL-7885-00-04
PROJECT.....7885

ARL 68-1457M
UNIVERSITY OF DAYTON
HIGH TEMPERATURE ELASTIC MODULI OF ALUMINUM
PHYSICS LECTURE AT AEROSPACE RESEARCH LABORATORIES, OCTOBER 29, 1968
OAR ACCESS NO.....211020-011
BY GERLICH D
INSTR...F33615-67-C-1027
PROJECT.....7885

ARL 68-1458U
UNIVERSITY OF DAYTON
ON THE PROMOTION OF PHYSICS IN OUR COMMUNITY
PRESENTATION AT THE OHIO SECTION OF THE AMERICAN PHYSICAL SOCIETY MTG., OCT 1968
OAR ACCESS NO.....211020-012
BY KREITMAN M M
YANEY P P
KEPES J J
INSTR...F33615-67-C-1027
PROJECT.....7885

ARL 68-14[illegible]
UNIVERSITY OF DAYTON
A STUDY OF [illegible]-VT CURVILINEAR BY THE DIVERGENT BEAM X-RAY METHOD
PHYSICS COLLOQUIUM, UNIVERSITY OF DAYTON, MARCH 21, 1968
DAN ACCESS NO.....211020-011
BY GARCIA N
INSTR...AF33615-67-C-1327
PROJECT.....7495

ARL 68-14[illegible]H
UNIVERSITY OF DAYTON
LOW TEMPERATURE SPECIFIC HEAT OF COS MN
PHYSICS COLLOQUIUM, UNIVERSITY OF DAYTON, FEBRUARY 20, 1968
DAN ACCESS NO.....211020-010
BY KOSTERICZ J J
INSTR...AF33615-67-C-1027
PROJECT.....7495

ARL 68-14[illegible]H
UNIVERSITY OF DAYTON
LOW TEMPERATURE SPECIFIC HEAT OF COS 0.45 PERCENT MN
PRESENTED AT THE OHIO ACADEMY OF SCIENCE, BOWLING GREEN STATE UNIVERSITY, APRIL 26, 1968
DAN ACCESS NO.....211020-015
BY KOSTERICZ J J
KREITMAN M
SCHULTZ H
INSTR...AF33615-67-C-1027
PROJECT.....7495

ARL 68-14[illegible]
UNIVERSITY OF DAYTON
THERMAL CONDUCTIVITY OF NYLON AT LIQUID HELIUM TEMPERATURES
PRESENTED AT THE 23RD CALORIMETRY CONFER, MIDLAND, MICHIGAN, AUGUST 1968
DAN ACCESS NO.....211020-016
BY KREITMAN M
SCHULTZ H
INSTR...AF33615-67-C-1027
PROJECT.....7495

ARL 68-14[illegible]
UNIVERSITY OF DAYTON
EVIDENCE FOR ANTIFERROMAGNETIC EXCHANGE IN THE SPECIFIC HEAT OF COS MN AT 4.2 DEGREES K
PRESENTATION AT THE OHIO SECTION OF THE AMERICAN PHYSICAL SOCIETY MEETING, CLEVELAND
DAN ACCESS NO.....211020-017
BY KREITMAN M M
KOSTERICZ J J
INSTR...AF33615-67-C-1027
PROJECT.....7495

ARL 68-14[illegible]A
AEROSPACE RESEARCH LABORATORIES
SIMULTANEOUS TESTS FOR MULTIPLE COMPARISONS OF MULTI-RESPONSE GROWTH CURVES
INVITED PAPER PRESENTED AT THE EASTERN REGIONAL MEETING OF THE INSTITUTE OF MATHEMATICAL STATISTICS
DAN ACCESS NO.....210320-029
BY KRISHNAIAH P R
INSTR...ARL-7071-00-12
PROJECT.....7071

ARL 68-14[illegible]A
AEROSPACE RESEARCH LABORATORIES
SIMULTANEOUS TESTS AND MULTIPLE DECISION PROCEDURES FOR MULTI-RESPONSE GROWTH CURVES
PAPER PRESENTED AT THE ANNUAL MEETING OF THE INSTITUTE OF MATH I STATISTICS
DAN ACCESS NO.....210320-030
BY KRISHNAIAH P R
JAYACHANDRAN K
INSTR...ARL-7071-00-12
PROJECT.....7071

ARL 68-14[illegible]A
AEROSPACE RESEARCH LABORATORIES
INTRODUCTION TO MULTIPLE COMPARISON TESTS
PAPER PRESENTED AT MIAMI UNIVERSITY, OXFORD, OHIO
DAN ACCESS NO.....210320-031
BY KRISHNAIAH P R
INSTR...ARL-7071-00-12
PROJECT.....7071

ARL 68-14[illegible]A
AEROSPACE RESEARCH LABORATORIES
SOME RECENT DEVELOPMENTS IN MULTIPLE COMPARISON TESTS
PAPER PRESENTED AT MIAMI UNIVERSITY, OXFORD, OHIO
DAN ACCESS NO.....210320-032
BY KRISHNAIAH P R
INSTR...ARL-7071-00-12
PROJECT.....7071

ARL 68-14[illegible]A
AEROSPACE RESEARCH LABORATORIES
MULTIPLE COMPARISONS OF GROWTH CURVES
PAPER PRESENTED AT THE CINCINNATI CHAPTER OF THE AMERICAN STATISTICAL ASSOCIATION
DAN ACCESS NO.....210320-033
BY KRISHNAIAH P R
INSTR...ARL-7071-00-12
PROJECT.....7071

ARL 68-14[illegible]
AEROSPACE RESEARCH LABORATORIES
SOME NEW INTEGRAL RELATIONS INVOLVING BESSEL FUNCTIONS
PAPER PRESENTED AT AMERICAN MATHEMATICAL SOCIETY 74TH ANNUAL MEETING, SAN FRANCISCO, CALIFORNIA
DAN ACCESS NO.....210320-004
BY PETTIS H E
INSTR...ARL-7071-00-15
PROJECT.....7071

ARL 68-14[illegible]A
AEROSPACE RESEARCH LABORATORIES
RELIABILITY AND LIFE TESTING
PAPER PRESENTED AT WRIGHT STATE UNIVERSITY
DAN ACCESS NO.....210280-038
BY HANTEN H L
INSTR...ARL-7071-00-11
PROJECT.....7071

ARL 68-14[illegible]A
AEROSPACE RESEARCH LABORATORIES
TURBULENT CONCENTRATION FIELD UNDER CHEMICAL REACTIONS
PAPER PRESENTED AT THE 63RD NATIONAL MEETING, AICHE
DAN ACCESS NO.....211320-023
BY LEE J H
INSTR...ARL-7071-00-20
PROJECT.....7071

ARL 68-14[illegible]A
AEROSPACE RESEARCH LABORATORIES
DOUBLE POINTS OF MATHIEUS EQUATION
PAPER PRESENTED AT THE OHIO ACADEMY OF SCIENCES, BOWLING GREEN, OHIO
DAN ACCESS NO.....210310-024
BY CLEMM D S
PLANCH G
INSTR...ARL-7071-00-14
PROJECT.....7071

ARL 68-14[illegible]A
AEROSPACE RESEARCH LABORATORIES
ON NON-BOUNDARY LAYER AIRFOIL APPROXIMATION METHODS
INVITED LECTURE AT NORTH DAKOTA STATE UNIVERSITY
DAN ACCESS NO.....211320-024
BY MUELLER D D
INSTR...ARL-7071-00-20
PROJECT.....7071

ARL 68-14[illegible]A
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AFOSR 68-1082 AFOSR 68-1192 AFOSR 68-1668 AFOSR 68-2163 AFOSR 68-2816 AFOSR 68-2838 AFOSR 68-2839
AFOSR 68-2849

BROWN UNIVERSITY

AFCRL 67-0009 AFCRL 67-0166 AFCRL 67-0315 AFCRL 68-0287 AFCRL 68-0346 AFML 67-0239 AFOSR 67-0217
AFOSR 67-0306 AFOSR 67-0841 AFOSR 67-0997 AFOSR 67-1042 AFOSR 67-1084 AFOSR 67-1264 AFOSR 67-1278
AFOSR 67-1280 AFOSR 67-1382 AFOSR 67-1928 AFOSR 67-1935 AFOSR 67-2174 AFOSR 67-2178 AFOSR 67-2203
AFOSR 67-2219 AFOSR 67-2299 AFOSR 67-2426 AFOSR 67-2474 AFOSR 67-2702 AFOSR 68-0160 AFOSR 68-0161
AFOSR 68-0169 AFOSR 68-0307 AFOSR 68-0553 AFOSR 68-0767 AFOSR 68-0768 AFOSR 68-0808 AFOSR 68-1315
AFOSR 68-1339 AFOSR 68-1433 AFOSR 68-1763 AFOSR 68-2209 AFOSR 68-2260 AFOSR 68-2423 AFOSR 68-2424
ARL 67-0290W ARL 68-0017U ARL 68-0021U ARL 68-0022U ARL 67-0128V ARL 67-0145W ARL 67-0239W ARL 67-0275U
ARL 68-0048T ARL 68-0334W

BRYN MAWR COLLEGE

AFOSR 67-1919 AFOSR 67-2109

BUNKER RAME CORP

AFOSR 68-0765

BUNKER-RANO CORP

AFOSR 69-0390

BUREAU OF MINES

AFOSR 67-0881 AFOSR 68-0984 AFOSR 68-1231 AFOSR 68-1245

BUREAU OF SOCIAL SCIENCE RESEARCH

AFOSR 67 J

BUREAU OF SOCIAL SCIENCE RESEARCH INC

AFOSR 67-0392 AFOSR 68-0042 AFOSR 68-0579 AFOSR 68-0580 AFOSR 68-0631 AFOSR 68-0953 AFOSR 68-1406
AFOSR 68-1407 AFOSR 68-1408 AFOSR 68-1409 AFOSR 68-1410

C-E-I-R INC

AFOSR 68-0344 ARL 68-0207U

CALIFORNIA INSTITUTE OF TECHNOLOGY

AFOSR 67-0034 AFOSR 67-0094 AFOSR 67-0095 AFOSR 67-0199 AFOSR 67-0365 AFOSR 67-0386 AFOSR 67-0590
AFOSR 67-0623 AFOSR 67-0624 AFOSR 67-0625 AFOSR 67-0627 AFOSR 67-0628 AFOSR 67-0643 AFOSR 67-0675
AFOSR 67-0676 AFOSR 67-0783 AFOSR 67-0879 AFOSR 67-1013 AFOSR 67-1053 AFOSR 67-1055 AFOSR 67-1096
AFOSR 67-1121 AFOSR 67-1174 AFOSR 67-1181 AFOSR 67-1182 AFOSR 67-1184 AFOSR 67-1261 AFOSR 67-1332
AFOSR 67-1371 AFOSR 67-1398 AFOSR 67-1867 AFOSR 67-2024 AFOSR 67-2083 AFOSR 67-2084 AFOSR 67-2108
AFOSR 67-2143 AFOSR 67-2147 AFOSR 67-2197 AFOSR 67-2199 AFOSR 67-2200 AFOSR 67-2352 AFOSR 67-2443
AFOSR 67-2448 AFOSR 67-2460 AFOSR 67-2461 AFOSR 67-2462 AFOSR 67-2512 AFOSR 67-2576 AFOSR 67-2577
AFOSR 67-2679 AFOSR 67-2693 AFOSR 67-2696 AFOSR 67-2756 AFOSR 67-2772 AFOSR 67-2833 AFOSR 68-0096
AFOSR 68-0104 AFOSR 68-0221 AFOSR 68-0239 AFOSR 68-0257 AFOSR 68-0258 AFOSR 68-0671 AFOSR 68-0673
AFOSR 68-0743 AFOSR 68-0835 AFOSR 68-0960 AFOSR 68-0976 AFOSR 68-0990 AFOSR 68-0994 AFOSR 68-1081
AFOSR 68-1086 AFOSR 68-1156 AFOSR 68-1193 AFOSR 68-1271 AFOSR 68-1357 AFOSR 68-1430 AFOSR 68-1436
AFOSR 68-1442 AFOSR 68-1445 AFOSR 68-1449 AFOSR 68-1450 AFOSR 68-1451 AFOSR 68-1555 AFOSR 68-1562
AFOSR 68-1567 AFOSR 68-1569 AFOSR 68-1626 AFOSR 68-1681 AFOSR 68-1694 AFOSR 68-1828 AFOSR 68-1857
AFOSR 68-1908 AFOSR 68-1948 AFOSR 68-2107 AFOSR 68-2138 AFOSR 68-2269 AFOSR 68-2305 AFOSR 68-2429
AFOSR 68-2516 AFOSR 68-2854

CALIFORNIA STATE COLLEGE

AFOSR 67-1039 AFOSR 67-1039 AFOSR 68-2273

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CALIFORNIA UNIVERSITY OF

AFOSR 68-1592 AFOSR 68-1618 AFOSR 68-1624 AFOSR 68-1928 AFOSR 68-1909 AFOSR 68-2008 AFOSR 68-2388
AFOSR 68-2389 AFOSR 68-2420 AFOSR 68-2492 AFOSR 68-2507 AFOSR 68-2530 AFOSR 68-2601 AFOSR 68-2607
AFOSR 68-2608 AFOSR 68-2610 AFOSR 68-2619 AFOSR 68-2625 AFOSR 68-2643 AFOSR 68-2661 AFOSR 68-2668
AFOSR 68-2683 AFOSR 68-2684 AFOSR 68-2686 AFOSR 68-2713 AFOSR 68-2786 AFOSR 68-2792 AFOSR 68-2794
AFOSR 68-2825 AFOSR 68-2829 AFOSR 68-2834 AFOSR 68-2847 AFOSR 68-2877

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AFCRL 68-0416

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AFOSR 68-0746 AFOSR 68-0747 AFOSR 68-0748 AFOSR 68-0779 AFOSR 68-0910 AFOSR 68-1212 AFOSR 68-1331
AFOSR 68-1789

CANADIAN COMMERCIAL CORP

AFCRL 67-0623 AFCRL 67-0624 AFCRL 67-0625 AFCRL 68-0415 ARL 67-0090U

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AFOSR 68-2132

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AFOSR 67-0198 AFOSR 67-0252 AFOSR 67-0253 AFOSR 67-0254 AFOSR 67-0255 AFOSR 67-0256 AFOSR 67-0287
AFOSR 67-0256 AFOSR 67-0259 AFOSR 67-0260 AFOSR 67-0306 AFOSR 67-0507 AFOSR 67-0755 AFOSR 67-0968
AFOSR 67-1268 AFOSR 67-1470 AFOSR 67-1493 AFOSR 67-1618 AFOSR 67-1738 AFOSR 67-1968 AFOSR 67-2018
AFOSR 67-2048 AFOSR 67-2129 AFOSR 67-2598 AFOSR 67-2718 AFOSR 67-2789 AFOSR 68-0449 AFOSR 68-0916
AFOSR 68-1181

CARNEGIE MELLON UNIVERSITY

AFOSR 68-1793

CARNEGIE-MELLON UNIVERSITY

AFCRL 68-0340 AFCRL 68-0530 AFOSR 67-2169 AFOSR 67-2204 AFOSR 67-2207 AFOSR 67-2400 AFOSR 67-2516
AFOSR 67-2517 AFOSR 67-2518 AFOSR 67-2534 AFOSR 67-2714 AFOSR 67-2808 AFOSR 68-0619 AFOSR 68-0632
AFOSR 68-0651 AFOSR 68-0684 AFOSR 68-0763 AFOSR 68-0795 AFOSR 68-0856 AFOSR 68-0937 AFOSR 68-0938
AFOSR 68-1295 AFOSR 68-1302 AFOSR 68-1374 AFOSR 68-1520 AFOSR 68-1594 AFOSR 68-1595 AFOSR 68-1612
AFOSR 68-1938

CARNEGIE/MELLON UNIVERSITY

AFOSR 68-2185 AFOSR 68-2307 AFOSR 68-2594 AFOSR 68-2641 AFOSR 68-2654 AFOSR 68-2667

CASE INSTITUTE OF TECHNOLOGY

AFCRL 67-0155 AFCRL 67-0375 AFCRL 67-0376 AFCRL 67-0619 AFCRL 67-0606 AFML 67-0082 AFML 67-0095
AFOSR 67-0371 AFOSR 67-0396 AFOSR 67-0434 AFOSR 67-0435 AFOSR 67-0436 AFOSR 67-0437 AFOSR 67-0684
AFOSR 67-1146 AFOSR 67-1158 AFOSR 67-1762 AFOSR 67-1508 AFOSR 67-1509 AFOSR 67-1963 AFOSR 68-0205
AFOSR 68-0206

CASE WESTERN RESERVE UNIVERSITY

AFCRL 68-0170 AFOSR 67-2451 AFOSR 67-2456 AFOSR 68-0346 AFOSR 68-0514 AFOSR 68-0458 AFOSR 68-0950
AFOSR 68-0965 AFOSR 68-0985 AFOSR 68-1278 AFOSR 68-1277 AFOSR 68-1324 AFOSR 68-1450 AFOSR 68-1467
AFOSR 68-1557 AFOSR 68-1558 AFOSR 68-1834 AFOSR 68-1775 AFOSR 68-2003 AFOSR 68-2083 AFOSR 68-2084
AFOSR 68-2509 AFOSR 68-2510 AFOSR 68-2511 AFOSR 68-2522 AFOSR 68-2702 AFOSR 68-2753 ARL 68-1352M

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CATHOLIC UNIVERSITY

AFOSR 67-0025

CATHOLIC UNIVERSITY OF AMERICA

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ARL 67-0083U

CATHOLIC UNIVERSITY OF CHILE

AFOSR 68-0704 AFOSR 68-2731

CENTRAL UNIVERSITY OF ECUADOR

AFOSR 67-0843

CENTRE D ENSEIGNEMENT ET DE RSCH

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CHEMISTRY RESEARCH LABORATORY

ARL 67-0172V ARL 67-0183V ARL 67-1097A ARL 67-1100A ARL 67-1125A ARL 67-1237A ARL 68-0013V
ARL 68-0036V ARL 68-0041V ARL 68-1121L ARL 68-1122G ARL 68-1125N

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AFOSR 68-0059 AFOSR 68-1977 AFOSR 68-2000 AFOSR 68-2004 AFOSR 68-2288 AFOSR 68-2391 AFOSR 68-2443
AFOSR 68-2527 AFOSR 68-2618 AFOSR 68-2850 AFOSR 68-2951

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ARL 68-1092N ARL 68-1093N ARL 68-1094N ARL 68-1095N ARL 68-1096N ARL 68-1097N ARL 68-1098N
ARL 68-1099N ARL 68-1100N ARL 68-1101N ARL 68-1102N ARL 68-1103N ARL 68-1104N ARL 68-1105N

CITY COLLEGE OF NEW YORK

AFOSR 67-2228 AFOSR 67-2229 AFOSR 67-2783 AFOSR 68-0834 AFOSR 68-0839

CITY COLLEGE RESEARCH FOUNDATION

AFOSR 68-1111 AFOSR 68-2639 AFOSR 68-2819

CLARK UNIVERSITY

AFOSR 67-1256 AFOSR 67-2351 AFOSR 68-0699 AFOSR 68-1983

CLARKSON COLLEGE OF TECHNOLOGY

AFOSR 67-1088 AFOSR 67-1580 AFOSR 68-0593 AFOSR 68-0806 AFOSR 68-1718

CLEMSON UNIVERSITY

AFOSR 67-0352 AFOSR 67-1100 AFOSR 67-1102 AFOSR 67-2189 AFOSR 68-0913

CLEVITE CORP

ARL 68-14168 ARL 68-14170

CLEVITE CORP., ELECTRONIC RESEARCH DIVISION

ARL 68-1412R

CLEVITE CORPORATION

ARL 67-0144U ARL 67-0190U ARL 67-0282U ARL 67-1318H ARL 67-13190 ARL 68-0217U

CLEVITE CORPORATION, ELECTRONIC RESEARCH DIVISION

ARL 68-0153U

COLLEGE PARK MD

AFOSR 68-2299

COLORADO STATE UNIVERSITY

AFOSR 67-0297 AFOSR 67-0838 AFOSR 68-1258 AFOSR 68-2752

COLORADO UNIVERSITY

AFOSR 68-2108

COLORADO UNIVERSITY OF

AFOSR 68-2434 AFOSR 68-2704

COLUMBIA UNIVERSITY

AFOSR 67-2363

COLUMBIA UNIVERSITY

AFCRL 67-0022 AFCRL 67-0057 AFCRL 67-0085 AFCRL 67-0234 AFCRL 67-0261 AFCRL 67-0262 AFCRL 67-0291
AFCRL 67-0296 AFCRL 67-0326 AFCRL 67-0327 AFCRL 67-0449 AFCRL 67-0639 AFCRL 68-0044 AFCRL 68-0063
AFCRL 68-0141 AFCRL 68-0162 AFCRL 68-0188 AFCRL 68-0269 AFCRL 68-0305 AFCRL 68-0395 AFCRL 68-0396
AFCRL 68-0437 AFCRL 68-0553 AFCRL 68-0604 AFCRL 68-0618 AFCRL 68-0623 AFOSR 67-0088 AFOSR 67-0142
AFOSR 67-0143 AFOSR 67-0190 AFOSR 67-0290 AFOSR 67-0292 AFOSR 67-0315 AFOSR 67-0769 AFOSR 67-0834
AFOSR 67-1125 AFOSR 67-1147 AFOSR 67-1172 AFOSR 67-1227 AFOSR 67-1252 AFOSR 67-1253 AFOSR 67-1263
AFOSR 67-1490 AFOSR 67-1491 AFOSR 67-1492 AFOSR 67-1516 AFOSR 67-1526 AFOSR 67-1578 AFOSR 67-1668
AFOSR 67-1672 AFOSR 67-1818 AFOSR 67-1947 AFOSR 67-1985 AFOSR 67-2078 AFOSR 67-2079 AFOSR 67-2082
AFOSR 67-2115 AFOSR 67-2141 AFOSR 67-2149 AFOSR 67-2150 AFOSR 67-2185 AFOSR 67-2226 AFOSR 67-2437
AFOSR 67-2439 AFOSR 67-2515 AFOSR 67-2674 AFOSR 67-2732 AFOSR 67-2736 AFOSR 68-0023 AFOSR 68-0066
AFOSR 68-0080 AFOSR 68-0144 AFOSR 68-0224 AFOSR 68-0228 AFOSR 68-0308 AFOSR 68-0385 AFOSR 68-0386
AFOSR 68-0387 AFOSR 68-0388 AFOSR 68-0396 AFOSR 68-0397 AFOSR 68-0398 AFOSR 68-0399 AFOSR 68-0437

AFOSR 68-0782 AFOSR 68-0830 AFOSR 68-0877 AFOSR 68-1208 AFOSR 68-1328 AFOSR 68-1428 AFOSR 68-1652
AFOSR 68-1658 AFOSR 68-1814 AFOSR 68-1856 AFOSH 68-1603 AFOSR 68-1727 AFOSR 68-1751 AFOSR 68-1758
AFOSH 68-1838 AFOSR 68-1871 AFOSR 68-1960 AFOSR 68-2037 AFOSR 68-2072 AFOSR 68-2074 AFOSR 68-2291
AFOSR 68-2449 AFOSR 68-2513 AFOSH 68-2586 AFOSR 68-2631 AFOSR 68-2632 AFOSR 68-2681 AFOSH 68-2642

COMMUNICATION RESEARCH INSTITUTE

AFOSR 68-0518

COMPUTER CORPORATION OF AMERICA

AFCRL 67-0133

CONDUCTRON CORP

AFCRL 67-0008 AFCRL 67-0230 AFCRL 67-0486 AFCRL 68-0828

CONNECTICUT COLLEGE

AFOSR 67-0770

CONSEJO NACIONAL DE INVESTIGACIONES CIENTIFICAS

AFOSH 67-1103 AFOSR 67-2094 AFOSR 67-2095 AFOSR 67-2097

CONTROL DATA CORPORATION

AFCRL 68-0244 AFCRL 68-0361

CONTROL EQUIPMENT CORPORATION

AFCRL 67-0371

CONTROLS FOR RADIATION INC

AFCRL 67-0227 AFCRL 67-0301 AFCRL 67-0595 AFCRL 67-0596

CORNELL AERONAUTICAL LABORATORIES

ARL 67-12168

CORNELL AERONAUTICAL LABORATORIES, INC.

ARL 67-1199R ARL 67-1229J

CORNELL AERONAUTICAL LABORATORY

ARL 67-0069U ARL 67-0203W ARL 68-10018

CORNELL AERONAUTICAL LABORATORY INC

AFCRL 67-0201 AFCRL 67-0307 AFCRL 67-0456 AFCRL 67-0629 AFCRL 68-0145 AFCRL 68-0253 AFOSR 67-1180
AFOSR 67-2246 AFOSH 68-0240 AFOSR 68-0645 AFOSR 68-0893 AFOSR 68-1809 AFOSH 68-1927 AFOSR 68-2356
ARL 67-0049U ARL 67-0112U ARL 67-0133U ARL 67-0136U ARL 67-0181U ARL 67-0266W ARL 68-0031U
ARL 68-0142U ARL 68-0143U ARL 68-0146W ORA 68-0008

CORNELL AERONAUTICAL LABORATORY, INC.

ARL 67-1223M ARL 67-1231N ARL 67-1232N AHL 68-0143U

CORNELL AERONAUTICAL LABS INC

ARL 67-10868 AHL 67-10878

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AFAL 67-0185 AFCRL 67-0051 AFCRL 67-0052 AFCRL 68-0021 AFCRL 68-0112 AFCRL 68-0376 AFCRL 68-0444
AFOSH 67-0187 AFOSR 67-0189 AFOSH 67-0211 AFOSR 67-0287 AFOSR 67-0288 AFOSR 67-0289 AFOSH 67-0493
AFOSR 67-0697 AFOSR 67-0795 AFOSR 67-0768 AFOSR 67-0860 AFOSR 67-0801 AFOSR 67-0804 AFOSR 67-0910
AFOSH 67-0950 AFOSR 67-0990 AFOSR 67-1044 AFOSH 67-1045 AFOSH 67-1114 AFOSH 67-1130 AFOSR 67-1141
AFOSR 67-1173 AFOSR 67-1174 AFOSR 67-1216 AFOSR 67-1258 AFOSR 67-1436 AFOSR 67-1437 AFOSR 67-1477
AFOSR 67-1572 AFOSR 67-1605 AFOSH 67-1628 AFOSR 67-1646 AFOSR 67-1730 AFOSH 67-1906 AFOSR 67-1907
AFOSR 67-1911 AFOSR 67-1924 AFOSR 67-1977 AFOSR 67-2034 AFOSR 67-2037 AFOSR 67-2167 AFOSR 67-2170
AFOSR 67-2182 AFOSR 67-2201 AFOSR 67-2279 AFOSR 67-2296 AFOSR 67-2300 AFOSR 67-2307 AFOSR 67-2316
AFOSR 67-2318 AFOSR 67-2319 AFOSH 67-2367 AFOSR 67-2392 AFOSR 67-2614 AFOSR 67-2621 AFOSR 67-2634
AFOSR 67-2635 AFOSR 67-2636 AFOSH 67-2662 AFOSR 67-2692 AFCSR 67-2693 AFOSR 67-2694 AFOSR 67-2695
AFOSH 67-2739 AFOSR 67-2757 AFOSH 67-2778 AFOSR 68-0057 AFCSR 68-0333 AFOSH 68-0460 AFOSR 68-0473
AFOSH 68-0490 AFOSR 68-0557 AFOSH 68-0571 AFOSR 68-0749 AFOSR 68-0864 AFOSR 68-0959 AFOSR 68-1044
AFOSH 68-1045 AFOSH 68-104A AFOSR 68-1051 AFOSR 68-1052 AFOSR 68-1053 AFOSR 68-1054 AFOSR 68-1055
AFOSR 68-1060 AFOSR 68-1065 AFOSH 68-1087 AFOSR 68-1088 AFOSH 68-1089 AFOSR 68-1120 AFOSH 68-1121
AFOSR 68-1124 AFOSR 68-1125 AFOSH 68-1126 AFOSR 68-1127 AFCSR 68-1474 AFOSR 68-1476 AFOSR 68-1477
AFOSR 68-1478 AFOSH 68-1480 AFOSH 68-153A AFOSR 68-1539 AFOSR 68-1629 AFOSR 68-1648 AFOSH 68-1805
AFOSH 68-1816 AFOSR 68-1870 AFOSR 68-2593 AFOSR 68-2754

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AFCRL 68-0588

CURTISS-WRIGHT CORPORATION

ARL 67-0008U

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AFCRL 67-0558

DABCOVICH & CO INC

AFCRL 68-0570

DANILOVICH & COMPANY INC

AFCRL 68-0619

DANISH METEOROLOGICAL INSTITUTE

AFCRL 67-0489

DARTMOUTH COLLEGE

AFOSR 68-1726 AFOSR 68-1728

DARTMOUTH COLLEGE

AFCRL 68-0125 AFOSR 67-1023 AFOSR 67-1704 AFOSR 67-2222 AFOSR 68-0150 AFOSR 68-0472 AFOSR 68-2324
AFOSR 68-2328 AFOSR 68-2356 ARL 67-0142U

DAYTON ELECTRONIC PRODUCTS INC

AFCRL 67-0200

DEFENSE RESEARCH CORP

AFOSR 68-0742

DEFENSE RESEARCH CORPORATION

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DELAWARE UNIVERSITY OF

AFOSR 68-1958

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DEUTSCHER WETTERDIENST

AFCRL 67-0093

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AFCRL 68-0650

DOUGLAS AIRCRAFT CO INC

DRA 67-0004

DR. SHIH-E PAI

ARL 68-0061U ARL 68-0062U ARL 68-1025M ARL 68-1026M ARL 68-1027M ARL 68-1028M ARL 68-1029M
ARL 68-1030M ARL 68-1031M ARL 68-1032M ARL 68-1033M ARL 68-1034M ARL 68-1035M ARL 68-1036M
ARL 68-1037M ARL 68-1038M ARL 68-1039M

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AFOSR 67-0013 AFOSR 67-0016 AFOSR 67-0018 AFOSR 67-0068 AFOSR 67-0076 AFOSR 67-0188 AFOSR 67-0383
AFOSR 67-0388 AFOSR 67-0749 AFOSR 67-0802 AFOSR 67-0810 AFOSR 67-1244 AFOSR 67-1247 AFOSR 67-1322
AFOSR 67-1378 AFOSR 67-1470 AFOSR 67-2282 AFOSR 67-2668 AFCSR 68-0163 AFOSR 68-0505 AFOSR 68-1138
AFOSR 68-1245 AFOSR 68-1328 AFOSR 68-1729 AFOSR 68-1821 AFOSR 68-1990 AFOSR 68-2234 AFOSR 68-2264
AFOSR 68-2650

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AFML 67-0091

DURHAM UNIVERSITY

AFOSR 67-0261 AFOSR 67-0262 AFOSR 67-2856

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AFCRL 67-0031 AFCRL 67-0229

EAGLE-PICHER CO

ARL 67-0070U

EAGLE-PICHER INDUSTRIES INC

ARL 68-0046U

ECOLE NORMALE SUPERIEURE

AFCRL 67-0160 AFCRL 67-0283 AFCRL 68-0213 AFCRL 68-0214 AFCRL 68-0215 AFCRL 68-0216

EDINBURGH UNIVERSITY OF

AFOSR 68-1330

EDSEL B FORD INSTITUTE FOR MEDICAL RESEARCH

AFOSR 68-0479

EG&G INC

AFCRL 67-0036

ELECTRO-MECHANICS CO

AFCRL 67-0617

ELECTRO-OPTICAL SYSTEMS INC

ARL 68-0049U ARL 68-10240 ARL 68-11935

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AFCRL 68-0102

ELECTROMECHANICS COMPANY

AFCRL 67-0411

ELECTRONIC ASSOCIATES INC

AFCRL 68-0149

ELECTRONIC ASSOCIATES INCORPORATED

AFCRL 67-0185

ENVIRONMENTAL SCIENCE SERVICES ADMIN

AFCRL 68-0031 AFCRL 68-0212 AFCRL 68-0375

FAIRCHILD SEMICONDUCTOR

AFCRL 67-0062 AFCRL 67-0381

FAIRCHILD SEMICONDUCTOR CORP

AFCRL 68-0045 AFCRL 68-0321

FAIRLEIGH DICKINSON UNIVERSITY

AFCRL 68-0135

FEDERAL SCIENTIFIC RESEARCH CORP

AFCRL 68-0116

FEDERATION OF AMERICAN SOCIETIES FOR EXPERIMENTAL BIOLOGY

AFOSR 67-0003

FLORIDA ATLANTIC UNIVERSITY

AFOSR 67-2692 AFOSR 68-0176 AFOSR 68-0201 AFOSR 68-2192

FLORIDA PRESBYTERIAN COLLEGE

ARL 67-0313 ARL 67-0011 ARL 67-0012 ARL 67-0021 ARL 67-0078 ARL 67-0079 ARL 67-0104

FLORIDA STATE UNIVERSITY

AFCRL 67-0164 AFOSR 67-0867 AFOSR 67-0868 AFOSR 67-0932 AFOSR 67-2196 AFOSR 67-2197 AFOSR 67-2198 AFOSR 68-0053 AFOSR 68-0054 AFOSR 68-0055 AFOSR 68-0056 AFOSR 68-0057 AFOSR 68-0058 AFOSR 68-0059 AFOSR 68-0060 AFOSR 68-0061 AFOSR 68-0062 AFOSR 68-0063 AFOSR 68-0064 AFOSR 68-0065 AFOSR 68-0066 AFOSR 68-0067 AFOSR 68-0068 AFOSR 68-0069 AFOSR 68-0070 AFOSR 68-0071 AFOSR 68-0072 AFOSR

AFOSR 68-1723 AFOSR 68-2688 AFOSR 68-2559 AFOSR 68-2560 AFOSR 68-2861

FORDHAM UNIVERSITY

AFOSR 68-0664

FORSVARETS FORSKNING SENSTITUTT

AFCRL 67-0358 AFCRL 67-0359

FRANK J SEILER RESEARCH LAB

SRL 67-0007 SRL 68-0001 SRL 68-0002 SRL 68-0003 SRL 68-0006 SRL 68-0016 SRL 68-0017

FRANK J SEILER RESEARCH LABORATORY

SRL 67-0003 SRL 67-0004 SRL 67-0005 SRL 67-0008

FRANKLIN INST RESEARCH LABS

AFOSR 67-2175

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AFCRL 67-0219 AFOSR 67-1215 AFOSR 68-0595

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ARL 67-1151M ARL 67-1152M

FRIENDS MEDICAL & SCIENTIFIC RSCH INST

AFOSR 68-1672

FULMER RESEARCH INSTITUTE

AFOSR 67-1985

FULMER RESEARCH INSTITUTE LTD

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GCA CORP

AFCRL 67-0335

GCA CORPORATION

AFCRL 67-0198 AFCRL 67-0444 AFCRL 68-0198 AFCRL 68-0426

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GENERAL DYNAMIC CORPORATION

AFOSR 67-2069

GENERAL DYNAMICS

AFOSR 67-1522 AFOSR 67-1898 ARL 67-10648 ARL 68-0112U

GENERAL DYNAMICS CORP

AFCRL 67-0042

GENERAL DYNAMICS CORP

AFAL 67-0006 AFAL 67-0139 AFCRL 67-0173 AFCRL 67-0589 AFCRL 68-0003 AFCRL 68-0384 AFOSR 67-1318
AFOSR 67-2052 AFOSR 67-2264 AFOSR 67-2431 AFOSR 68-0738 AFOSR 68-0846 AFOSR 68-1583 AFOSR 68-2428

GENERAL DYNAMICS CORPORATION

AFOSR 67-0894 AFOSR 67-0909 AFOSR 67-2011 AFOSR 67-2068 AFOSR 67-2076 AFOSR 67-2089 AFOSR 67-2258
AFOSR 67-2459 AFOSR 67-2593 AFOSR 67-2596 AFOSR 67-2664 AHL 67-0151U

GENERAL DYNAMICS ELECTRONICS DIVISION

AFCRL 67-0196

GENERAL DYNAMICS/CONVAIR

ARL 68-10228

GENERAL ELECTRIC CO

AFAL 67-0001 AFATL 67-0167 AFCRL 67-0332 AFCRL 68-0037 AFCRL 68-0048 AFOSR 68-0342 AFOSR 68-1784

AFOSR 68-2176 AFOSR 68-2177 AFOSR 68-2178 AFOSR 68-2179 AFOSR 68-2180 AFOSR 68-2308 AFOSR 68-2553

GENERAL ELECTRIC CO.

ARL 67-0209W

GENERAL ELECTRIC COMPANY

AFATL 67-0119 AFCRL 67-0046 AFCRL 67-0427 AFCRL 67-0673 AFCRL 67-0674 AFCRL 67-0585 AFCRL 68-0038
AFCRL 68-0056 AFCRL 68-0226 AFCRL 68-0254 AFCRL 68-0414 AFCRL 68-0488 AFOSR 67-0805 AFOSR 67-0910
AFOSR 67-2006 AFOSR 67-2364 AFOSR 67-2481 AFOSR 67-2549 AFOSR 68-0496 AFOSR 68-1211 FOSR 68-1608
ARL 68-0067U

GENERAL ELECTRIC RESEARCH & DEVELOPMENT CENTER

ARL 67-10908

GENERAL ELECTRIC RESEARCH & DEVELOPMENT CENTER

ARL 67-0139W

GENERAL ELECTRIC RESEARCH AND DEVELOPMENT CENTER

AFCRL 67-0107

GENERAL PERCISION SYSTEMS INC

AFOSR 68-0875

GENERAL PHYSICS RESEARCH LABORATORY

ARL 68-0036V

GENERAL PRECISION INC

AFOSR 67-0123 AF[illegible] 67-1313 AFOSR 68-0912

GENOVA UNIVERSITA DEGLI STUDI DI

AFOSR 68-2365

GEO-SCIENCE INC

AFCRL 67-0028 AFCRL 67-0106

GEOPHYSICAL AND POLAR RESEARCH CENTER

AFOSR 68-1508

GEORGE WASHINGTON UNIVERSITY

AFOSR 67-0874 AFOSR 67-0998 AFOSR 67-1205 AFOSR 67-1250 AFOSR 67-1973 AFOSR 68-1375 AFOSR 68-1427
AFOSR 68-2239 AFOSR 68-2277 AFOSR 68-2578 AFOSR 68-2793

GEORGE[illegible] UNIVERSITY

AFOSR 67-2301 AFOSR 67-2302 AFOSR 67-2657 AFOSR 68-0012 AFOSR 68-2737 AFOSR 68-2803

GEORGIA INSTITUTE OF TECHNOLOGY

AFCRL 68-0109

GEORGIA INSTITUTE TECH

AFOSR 68-2076

GEORGIA TECH RESEARCH INSTITUTE

AFOSR 68-2628 AFOSR 68-2682

GEORGIA UNIVERSITY OF

AFOSR 68-2867 AFOSR 68-2868 AFOSR 68-2873 AFOSR 68-2874

GEOTECHNICAL CORP

AFOSR 68-1464

GIANNINI CONTROLS CORP

AFOSR 68-0261

GIANNINI CONTROLS CORPORATION

AFOSR 67-0337 AFOSR 67-0657 AFOSR 68-0347

GIANNINI SCIENTIFIC CORPORATION

AFOSR 68-0004

GLASGOW UNIVERSITY

AFOSR 67-0682

GOODYEAR AEROSPACE CORP

AFCRL 68-0123 AFCRL 68-0622 ANRL 67-0171

GOODYEAR AEROSPACE CORPORATION

AFCRL 68-0626

GOTEBORGS UNIVERSITET

AFOSR 67-0846 AFOSR 67-0865 AFOSR 67-0866 AFOSR 67-0867 AFOSR 67-0868 AFOSR 67-0869 AFOSR 67-0870
AFOSR 67-2274 AFOSR 67-2275 AFOSR 68-0526 AFOSR 68-0602 AFOSR 68-0603 AFOSR 68-0604 AFOSR 68-0605
AFOSR 68-0811

GOTEBORGS UNIVERSITY OF

AFOSR 68-2710 AFOSR 68-2711 AFOSR 68-2712

GOTESBORGS UNIVERSITET

AFOSR 67-1690

GRADUATE RESEARCH CENTER OF THE SOUTHWEST

AFOSR 67-0852

GRADUATE RSCH CENTER OF THE SOUTHWEST

AFCRL 68-0118 AFOSR 68-2685

GRAFIX INCORPORATED

AFOSR 67-0702 AFOSR 67-0703

GREYRAD CORPORATION

ARL 67-12368

GRUMMAN AIRCRAFT ENGINEERING CORP

AFOSR 67-1340 AFOSR 67-1678 AFOSR 68-1030 AFOSR 68-1537

GRUMMAN AIRCRAFT ENGINEERING CORPORATION

AFOSR 67-0158 AFOSR 67-1257 AFOSR 67-1272 AFOSR 67-1317 AFOSR 67-1377 ARL 67-0236U ARL 68-11918

GULF GENERAL ATOMIC INC

AFOSR 68-1757 AFOSR 68-1941

GULF/GENERAL ATOMIC INC

AFOSR 68-2100 AFOSR 68-2219 AFOSR 68-2220 AFOSR 68-2223 AFOSR 68-2581

GUSTAVUS ADOLPHUS COLLEGE

AFOSR 67-2008

HAIG KAFAFIAN ASSOCIATES

AFCRL 67-0467

HAMLINE UNIVERSITY

AFOSR 67-1194 AFOSR 67-2396 AFOSR 68-1740

HARVARD UNIVERSITY

AFCRL 67-0035 AFCRL 67-0036 AFCRL 67-0037 AFCRL 67-0202 AFCRL 67-0209 AFCRL 67-0216 AFCRL 67-0217
AFCRL 67-0258 AFCRL 67-0260 AFCRL 67-0340 AFCRL 67-0341 AFCRL 67-0346 AFCRL 67-0377 AFCRL 67-0404
AFCRL 67-0406 AFCRL 67-0653 AFCRL 67-0667 AFCRL 68-0049 AFCRL 68-0217 AFCRL 68-0312 AFCRL 68-0316
AFCRL 68-0347 AFCRL 68-0397 AFCRL 68-0476 AFCRL 68-0477 AFCRL 68-0488 AFCRL 68-0514 AFCRL-67-0533
AFOSR 67-0119 AFOSR 67-0121 AFOSR 67-0122 AFOSR 67-0200 AFOSR 67-0361 AFOSR 67-0365 AFOSR 67-0471
AFOSR 67-0478 AFOSR 67-0674 AFOSR 67-1145 AFOSR 67-1178 AFOSR 67-1372 AFOSR 67-1380 AFOSR 67-1381
AFOSR 67-1408 AFOSR 67-1450 AFOSR 67-1718 AFOSR 67-1863 AFOSR 67-1864 AFOSR 67-1960 AFOSR 67-2209
AFOSR 67-2206 AFOSR 67-2414 AFOSR 67-2421 AFOSR 67-2501 AFOSR 67-2521 AFOSR 67-2525 AFOSR 67-2857
AFOSR 68-0133 AFOSR 68-0134 AFOSR 68-0135 AFOSR 68-0136 AFOSR 68-0137 AFOSR 68-0138 AFOSR 68-0139
AFOSR 68-0140 AFOSR 68-0141 AFOSR 68-0357 AFOSR 68-0428 AFOSR 68-0450 AFOSR 68-0620 AFOSR 68-0703
AFOSR 68-0752 AFOSR 68-0757 AFOSR 68-0869 AFOSR 68-0870 AFOSR 68-0940 AFOSR 68-0946 AFOSR 68-0992
AFOSR 68-1264 AFOSR 68-1273 AFOSR 68-1329 AFOSR 68-1414 AFOSR 68-1437 AFOSR 68-1487 AFOSR 68-1516
AFOSR 68-1519 AFOSR 68-1964 AFOSR 68-1972 AFOSR 68-2212 AFOSR 68-2216 AFOSR 68-2221 AFOSR 68-2286
AFOSR 68-2287 AFOSR 68-2301 AFOSR 68-2302 AFOSR 68-2303 AFOSR 68-2528 AFOSR 68-2537 AFOSR 68-2540
AFOSR 68-2543 AFOSR 68-2548 AFOSR 68-2552 AFOSR 68-2706 AFOSR 68-2724 AFOSR 68-2835

HEBREW UNIVERSITY

AFCRL 67-0278 AFCRL 68-0236 AFOSR 67-0567 AFOSR 67-0704 AFOSR 67-1067 AFOSR 67-1157 AFOSR 67-1321
AFOSR 68-0230 AFOSR 68-0245 AFOSR 68-0246 AFOSR 68-0247 AFOSR 68-0246 AFOSR 68-0295 AFOSR 68-0352
AFOSR 68-0459 AFOSR 68-1352 AFOSR 68-1415 AFOSR 68-2171

HERNER AND CO

AFOSR 68-0259

HERNER AND COMPANY

AFOSR 67-1998 AFOSR 67-2003 AFOSR 67-2005 AFOSR 67-2019 AFOSR 67-2023 AFOSR 67-2248 AFOSR 67-2667

HEWLETT PACKARD CO

AFCRL 68-0122

HEWLETT-PACKARD CO

AFCRL 67-0530

HEWLETT-PACKARD COMPANY

AFCRL 68-0352 AFCRL 68-0447

HEWLETT/PACKARD CO

AFCRL 67-0296

HONEYWELL INC

AFCRL 67-0154 AFCRL 67-0457 AFCRL 67-0608 AFOSR 68-0035

HOSPITAL HENRI ROUSELLE

AFOSR 68-0040

HOUSTON STATE PSYCHIATRIC INSTITUTE

AFOSR 67-0679 AFOSR 67-2402 AFOSR 68-2166 AFOSR 68-2167 AFOSR 68-2170

HOWARD UNIVERSITY

AFOSR 67-0081 AFOSR 67-0231 AFOSR 67-1873

HQ AFCRL CRR

AFCRL 67-0080

HQ AFCRL CRT

AFCRL 67-0012 AFCRL 67-0021 AFCRL 67-0043 AFCRL 67-0082 AFCRL 67-0099 AFCRL 67-0126

HQ AFCRL CRM

AFCRL 67-0015 AFCRL 67-0097 AFCRL 67-0117 AFCRL 67-0127

HQ AFCRL CRJ

AFCRL 67-0076

HQ AFCRL CRO

AFCRL 67-0003 AFCRL 67-0064

HQ AFCRL CRU

AFCRL 67-0020 AFCRL 67-0040 AFCRL 67-0053 AFCRL 67-0109

HQ AFCRL CRW

AFCRL 67-0096

HQAFCRL CRD

AFCRL 67-0065

HUGHES AIRCRAFT CO

AFAL 67-0221 AFCRL 67-0090 AFCRL 67-0311 AFCRL 67-0632 AFCRL 67-0637 AFCRL 67-0649 AFCRL 67-0680
AFCRL 68-0208

HUGHES AIRCRAFT COMPANY

AFCRL 67-0061 AFCRL 67-0150 AFCRL 67-0188 AFCRL 67-0171 AFCRL 67-0342 AFCRL 68-0119 AFCRL 68-0211
AFCRL 68-0297 AFCRL 68-0366 AFCRL 68-0464 AFOSR 67-0620 AFOSR 67-0621 AFOSR 67-0627

HUGHES RESEARCH LABORATORIES

AFCRL 67-0378 AFCRL 67-0800 AFOSR 67-0450 AFOSR 67-0484 AFOSR 67-0814 AFOSR 67-2477 AFOSR 68-0345
AFOSR 68-2012

HUGHES RESEARCH LABS

AFCRL 67-0228 AFCRL 67-0631 AFOSR 67-0846 AFOSR 68-0659

HULL UNIVERSITY OF

AFOSR 68-2137 AFOSR 68-2664

HYPERSONIC RESEARCH LABORATORY

ARL 67-0064T ARL 68-0039T

I. B. M. RESEARCH LABORATORIES

ARL 68-1393M

IDEALAB INCORPORATED

AFCRL 67-0395

IIT RESEARCH INSTITUTE

AFOSR 67-0384 AFOSR 67-1519 AFOSR 67-1521 AFOSR 67-1896 AFOSR 67-1987 AFOSR 67-1991 AFOSR 67-2645
AFOSR 68-0941 AFOSR 68-1207 AFOSR 68-1208 AFOSR 68-1209 AFOSR 68-1971 AFOSR 68-1923 AFOSR 68-2088
ARL 67-1074B ARL 68-0184U ARL 68-0173U ARL 68-11958 ARL 68-1378B

ILLINOIS INSTITUTE OF TECHNOLOGY

AFOSR 68-1369 AFOSR 68-2640 ARL 67-0058U

ILLINOIS UNIVERSITY OF

AFOSR 68-2343 AFOSR 68-2446 AFOSR 68-2644 AFOSR 68-2763 AFOSR 68-2800 AFOSR 68-2801 AFOSR 68-2802
AFOSR 68-2828 AFOSR 68-2855 AFOSR 68-2865

IMPERIAL COLLEGE

AFOSR 67-0472 AFOSR 67-1365 AFOSR 67-1599 AFOSR 67-1669 AFOSR 67-1632 AFOSR 67-1642 AFOSR 67-1643
AFOSR 67-1704

IMPERIAL COLLEGE OF SCIENCE & TECHNOLOGY

AFOSR 67-1750 AFOSR 67-2793 AFOSR 67-2802

IMPERIAL COLLEGE OF SCIENCE AND TECHNOLOGY

AFOSR 68-0132 ARL 67-0191U ARL 67-1017J

INDIANA UNIV RESEARCH FOUNDATION

AFOSR 68-2803

INDIANA UNIVERSITY

AFOSR 67-0269 AFOSR 67-0837 AFOSR 67-0863 AFOSR 67-1154 AFOSR 67-1188 AFOSR 67-1498 AFOSR 67-1561
AFUSR 67-2190 AFOSR 67-2393 AFUSR 67-2642 AFOSR 68-0210 AFOSR 68-0766 AFOSR 68-0939 AFOSR 68-2676
AFOSR 68-2677 AFOSR 68-2678

INDIANA UNIVERSITY FOUNDATION

AFOSR 67-0525 AFOSR 68-0203

INFORMATION INTERNATIONAL INC

AFCRL 67-0047

INFORMATION RESEARCH ASSOCIATES INC

AFOSR 67-1555

INNSBRUCK UNIVERSITY

AFCRL 67-0356 AFCRL 67-0361 AFCRL 67-0362 AFCRL 67-0494 AFOSR 67-0151 AFOSR 67-0383 AFOSR 67-0416
AFOSR 67-0677 AFOSR 67-0992 AFOSR 67-1086 AFOSR 67-1226 AFOSR 67-2066 AFOSR 67-2073 AFOSR 67-2434
AFOSR 67-2435 AFOSR 68-0148 AFOSR 68-0226 AFOSR 68-0236 AFOSR 68-0740 AFOSR 68-1187 AFOSR 68-1307
AFOSR 68-1323 AFOSR 68-1326 AFOSR 68-1526 AFOSR 68-2830

INST DE INVESTIGACION DE CIENCIAS

AFOSR 68-2173

INST NACIONAL DE TECNICA AEROSPACIAL

AFOSR 67-2530 AFOSR 68-1163 AFOSR 68-1165

INST OF OCCUPATIONAL HEALTH

AFOSR 67-0279

INSTITUT FUR TECHNISCHE PHYSIK

ARL 68-1040N

INSTITUTE FOR ADVANCED STUDY

AFOSR 67-0027 AFOSR 67-0239 AFOSR 67-0266 AFOSR 67-1092 AFOSR 67-1123 AFOSR 67-1618 AFOSR 67-1938
AFOSR 67-2100 AFOSR 67-2209 AFOSR 67-2699 AFOSR 67-2709 AFOSR 68-0186 AFOSR 68-0569 AFOSR 68-0926
AFOSR 68-1013 AFOSR 68-1263 AFOSR 68-1502 AFOSR 68-1503 AFOSR 68-1701 AFOSR 68-1704 AFOSR 68-2090
AFOSR 68-2181 AFOSR 68-2228 AFOSR 68-2279 AFOSR 68-2453 AFOSR 68-2547 AFOSR 68-2648 AFOSR 68-2649
AFOSR 68-2669

INSTITUTE FOR FORMAL STUDIES

AFOSR 67-2815 AFOSR 68-0365 AFOSR 68-0796

INSTITUTE GEOGRAFICO Y CATASTRAL

AFOSR 67-0308

INSTITUTE OF BROOKLYN POLYTECHNIC

AFOSR 67-2175 AFOSR 68-1368 AFOSR 68-1550 AFOSR 68-1662 AFOSR 68-2531

INSTITUTE OF ENERGY CONVERSION AND ELECTRIC PROPULSION

ARL 68-1018N

INSTITUTE OF OCCUPATIONAL HEALTH

AFOSR 67-2267 AFOSR 67-2268 AFOSR 67-2273 AFOSR 68-1461 AFOSR 68-1470

INSTITUTO CAJAL

AFOSR 67-1331 AFOSR 67-1604

INSTITUTO GEOGRAFICO Y CATASTRAL

AFOSR 67-0558 AFOSR 67-0559 AFOSR 67-2415 AFOSR 67-2750 AFOSR 68-1434 AFOSR 68-1443 AFOSR 68-1447
AFOSR 68-1485

INSTITUTO GEOGRAFISO Y CATASTRAL

AFOSR 67-0560

INSTITUTO NACIONAL DE TECNICA AEROESPACIAL

AFOSR 67-0098 AFOSR 67-0649 AFOSR 67-2681 AFOSR 68-0066

INT-UNIV SEMINAR ON ARM FORC AND SOC INC

AFOSR 68-2545

INTER-UNIV SEMINAR ON ARM FORC AND SOC INC

AFOSR 68-2153

INTERNATIONAL BUSINESS MACHINE CORP

AFCRL 68-0598

INTERNATIONAL BUSINESS MACHINES CORP

AFCRL 67-0403 AFCRL 67-0569 AFCRL 67-0571 AFCRL 68-0060 AFCRL 68-0070 AFCRL 68-0175 AFCRL 68-0200
AFCRL 68-0246 AFCRL 68-0371 AFCRL 68-0504 AFOSR 67-2171 AFOSR 68-0674 AFOSR 68-0947 AFOSR 68-1319
AFOSR 68-2883 AFOSR 68-2887

INTERNATIONAL BUSINESS MACHINES CORPORATION

AFCRL 67-0465 AFOSR 67-0508 AFOSR 67-2698 AFOSR 67-2761 AFOSR 68-0332 AFOSR 68-0555

INTERNATIONAL BUSINESS MACHINES INC

AFOSR 67-0130 AFOSR 68-0643

INTERNATIONAL TELEPHONE AND TELEGRAPH CORP

AFCRL 68-0041

ION PHYSICS CORP

AFCRL 67-0123

IONOSPHERE INSTITUT RESEARCH

AFCRL 67-0270

IONOSPHAREN-INSTITUT FREISACH

AFCRL 67-0503

IOWA STATE UNIVERSITY

ARL 67-1184N ARL 68-0179U

ISRAEL ACAD OF SCIENCES AND HUMANITIES

AFCRL 68-0314

ISRAEL ATOMIC ENERGY COMMISSION

AFCRL 67-0134 AFCRL 67-0138 AFCRL 67-0322

ISRAEL INSTITUTE OF TECHNOLOGY

AFOSR 67-0351 AFOSR 67-0354 AFOSR 67-0433 AFOSR 67-1031 AFOSR 68-2119 ARL 67-0144W ARL 67-1148J

ISTITUTO DI ELETTRONICA DELL UNIVERSITA DI ROMA

AFCRL 67-0526 AFCRL 68-0023

ISTITUTO DI FISICA TEORICA DELL UNIVERSITA

AFOSR 67-0593 AFOSR 67-0895 AFOSR 67-0897

ISTITUTO DI FISICAL TEORICA DELL UNIVERSITA

AFOSR 67-0592

ISTITUTO ELETTROTECHNICO NAZIONALE

AFOSR 67-0355

ISTITUTO ELETTROTECNICO NAZIONALE

AFOSR 67-1656 AFOSR 67-2784 AFOSR 67-2785 AFOSR 67-2786 AFOSR 68-0474

ISTITUTO GEOGRAFICO Y CATASTRAL

AFOSR 67-1200 AFOSR 67-2142 AFOSR 67-2156

ISTITUTO UNIVERSITARIO NAVALE

AFCRL 67-0187

JOHANNES GUTENHERG UNIVERSITAT

AFCRL 68-0186

JOHANNES GUTENBERG/UNIVERSITAT

AFCRL 67-0207

JOHN B PIERCE FOUNDATION OF CONNECTICUT

AFOSR 68-0313 AFOSR 68-1451

JOHN CARROLL UNIVERSITY

AFOSR 67-0161 AFOSR 67-0787 AFOSR 67-1368

JOHN NORRISSEY ASSOCIATES INC

AFCRL 67-0483 AFCRL 68-0319

JOHNS HOPKINS UNIVERSITY

AFOSR 67-0026 AFOSR 67-1007 AFOSR 67-1289 AFOSR 67-1346 AFOSR 67-1607 AFOSR 67-1624 AFOSR 67-1631
AFOSR 67-1649 AFOSR 67-1939 AFOSR 67-2038 AFOSR 67-2127 AFOSR 67-2128 AFOSR 67-2149 AFOSR 67-2202
AFOSR 67-2324 AFOSR 67-2335 AFOSR 67-2340 AFOSR 67-2755 AFOSR 68-0142 AFOSR 68-0350 AFOSR 68-0445
AFOSR 68-0736 AFOSR 68-1026 AFOSR 68-1102 AFOSR 68-1118 AFOSR 68-1338 AFOSR 68-1428 AFOSR 68-1541
AFOSR 68-1639 AFOSR 68-1987 AFOSR 68-1997 AFOSR 68-2039 AFOSR 68-2114 AFOSR 68-2247 AFOSR 68-2566
AFOSR 68-2563 AFOSR 68-2564 AFOSR 68-2572 AFOSR 68-2651 AFOSR 68-2771 AFOSR 68-2778 AFOSR 68-2779
AFOSR 68-2780

JOHNSTON LABORATORIES INC

ARL 67-0114U

KAMAN AIRCRAFT CORP

AFCRL 67-0394

KAMAN AVIDYNE

AFCRL 68-0606

KANSAS STATE UNIVERSITY

AFCRL 68-0007 AFCRL 68-0008 AFOSR 67-1004 AFOSR 67-1006 AFOSR 67-1027 AFOSR 67-1029 AFOSR 67-1865
AFOSR 67-2032 AFOSR 68-0598 AFOSR 68-0726 AFOSR 68-2096 AFOSR 68-2407 AFOSR 68-2417

KAROLINSKA INSTITUTE

AFOSR 67-0500 AFOSR 67-0501 AFOSR 67-0502 AFOSR 67-0644 AFOSR 67-0902 AFOSR 67-0903 AFOSR 67-0908
AFOSR 67-0913 AFOSR 67-2602 AFOSR 68-0698 AFOSR 68-0697 AFOSR 68-0698 AFOSR 68-0700 AFOSR 68-1738

KAROLINSKA INSTITUTET

AFOSR 67-0116 AFOSR 68-0192 AFOSR 68-0311 AFOSR 68-0310 AFOSR 68-0867 AFOSR 68-0872 AFOSR 68-0999
AFOSR 68-2727 AFOSR 68-2728 AFOSR 68-2729 AFOSR 68-2760

KAYSAN CORP

AFCRL 68-0087

KEIO UNIVERSITY

AFOSR 67-0177 AFOSR 67-2604 AFOSR 68-0907 AFOSR 68-2707

KENT STATE UNIVERSITY

AFOSR 67-0972 AFOSR 67-0973 AFOSR 67-0974

KIEL UNIVENSITAT

AFML 68-0044

KINGS COLLEGE

AFOSR 67-2124 AFOSR 68-1679 AFOSR 68-1702 ARL 67-1324S ARL 67-1327M ARL 67-1328M ARL 67-1329M
ARL 67-1330M ARL 67-1331M ARL 67-1332M ARL 67-1333M

KIRUNA GEOPHYSICAL OBSERVATORY

AFCRL 67-0175 AFCRL 67-0416 AFCRL 68-0259 AFCRL 68-0365

KUMAMOTO UNIVERSITY

AFOSR 67-2381 AFOSR 67-2382 AFOSR 67-2383 AFOSR 67-2384 AFOSR 67-2385

KUMAMOTO UNIVERSITY MEDICAL SCHOOL

AFOSR 67-2823 AFOSR 67-2826

LAB DE FISICA COSMICA

AFOSR 67-0794 AFOSR 67-0795

LABORATOIRE DE PHYSIOLOGIE ACOUSTIQUE

AFOSR 67-2078

LABORATOIRE DE PHYSIQUE

AFCRL 67-0337

LABORATOIRE DE SPECTROSCOPIE MOLECULAIRE

AFCRL 67-0321

LABORATORIE DE PHYSIQUE DES SOLIDES

AFCRL 68-0237

LABORATORY FOR ELECTRONIC INC

AFCRL 67-0204

LABORATORY FOR ELECTRONICS INC

AFCRL 67-0205 AFCRL 68-0403 AFCRL 68-0531

LAMONT GEOLOGICAL OBSERVATORY

AFOSR 67-2845

LAMONT GEOLOGICAL OBSERVATORY OF COLUMBIA UNIVERSITY

AFOSR 67-2707

LAVAL UNIVERSITY

AFOSR 67-0498 AFOSR 67-0903 AFOSR 67-0906 AFOSR 67-1705

LEHIGH UNIVERSITY

AFOSR 67-1678 AFOSR 67-2365 AFOSR 68-0498 AFOSR 68-[illegible]1 AFOSR 68-1116 AFOSR 68-1337 AFOSR 68-1809
AFOSR 68-1810 AFOSR 68-1874

LEXINGTON LABORATORIES INC

RADC 67-0578

LITTLE ARTHUR D INC

AFOSR 68-2152

LITTON SYSTEMS INC

APAL 67-0003 AFCRL 67-0030 AFCRL 67-0687 AFCRL 68-0086 AFCRL 68-0101 AFCRL 68-0450 AFOSR 67-0977
AFOSR 67-0979

LITTON SYSTEMS INDUSTRIES

AFOSR 68-0223

LOCKHEED AIRCRAFT CORP

AFCRL 67-0484 AFCRL 68-0673 AFCRL 68-0631 AFML 67-0294

LOCKHEED AIRCRAFT CORPORATION

ARL 68-0244W ARL 68-0247W ARL 68-14038 ARL 68-14058 ARL 68-14068 ARL 68-14078 ARL 68-14098
ARL 68-14108 ARL 68-1411M ARL 68-14138 ARL 68-14198 ARL 68-14208 ARL 68-14218 ARL 68-1422M
ARL 68-1423M

LOCKHEED MISSILES AND SPACE CO

AFCRL 67-0382 AFCRL 67-0405

LOCKHEED MISSILES AND SPACE COMPANY

AFCRL 67-0307

LOUISIANA STATE UNIVERSITY

AFOSR 67-2314 AFOSR 67-2386

LOUISIANA STATE UNIVERSITY OF

AFOSR 68-2461 AFOSR 68-2784

LOUVAIN UNIVERSITY OF

AFOSR 68-2634

LOWELL TECHNOLOGICAL INSTITUTE

AFCRL 67-0259 AFCRL 68-0106 AFCRL 68-0177

LOWELL TECHNOLOGICAL INSTITUTE RESEARCH FOUNDATION

AFCRL 67-0114 AFCRL 67-0170 AFCRL 67-0188

LUND UNIVERSITY

AFOSR 67-1284 AFOSR 67-1285 AFOSR 68-1015 AFOSR 68-1016 AFOSR 68-1648 AFOSR 68-1649

LUND UNIVERSITY OF

AFOSR 68-2795

M A BIOT

AFOSR 68-0098 AFOSR 68-0103 AFOSR 68-0458

MANLABS INC

AFCRL 67-0081 AFCRL 67-0290 AFCRL 68-0091 AFCRL 68-0109

MARQUETTE UNIVERSITY

ARL 67-0249W ARL 67-0250W ARL 67-1140J ARL 67-1141J ARL 67-1143J ARL 67-1144J ARL 67-1145J
ARL 67-1149B ARL 67-1150B ARL 68-0065U ARL 68-1142M ARL 68-1146J ARL 68-1147J ARL 68-1148J
ARL 68-1150M

MARTIN C O

AFOSR 68-0371

MARTIN CO

AFOSR 67-0341 AFOSR 68-1572

MARTIN COMPANY

APRL 67-0290

MARTIN MARIETTA CORP

AFOSR 68-P840

MARTIN MARIETTA CORPORATION

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ARL 68-0029U ARL 68-0035W ARL 68-0043W ARL 68-0097W ARL 68-0161U ARL 68-0160U ARL 68-0181U
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AFCRL 68-0178 AFCRL 68-0191 AFOSR 67-0044 AFOSR 67-0051 AFOSR 67-0540 AFOSR 67-0541 AFOSR 67-1577
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AFOSR 68-1206 AFOSR 68-2787 ARL 67-0232W ARL 67-0253W ARL 67-0255W ARL 67-0256W ARL 67-0257W
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AFOSR 67-2041 AFOSH 67-2403 AFOSR 67-2627 AFOSR 67-2628 AFOSR 68-0041 AFOSR 68-0755 AFOSR 68-0936
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AFOSR 67-1373 AFOSR 67-1644 AFOSR 67-1863 AFOSR 67-2322 AFOSR 68-0113 AFOSR 68-0427 AFOSR 68-0635
AFOSR 68-0636 AFOSR 68-0979 AFOSR 68-1983 AFOSR 68-2244 ARL 68-0270W RADC 67-0030 RADC 67-0328
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TECHNISCHE HOCHSCHULE IN WIEN

AFOSR 67-0299 AFOSR 67-0652 AFOSR 68-2508 AFOSR 68-2876

TECHNISCHE HOCHSCHULE MUNCHEN

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TECHNISCHEN HOCHSCHULE

ARL 67-0219U

TECHNISCHEN HOCHSCHULE MUNCHEN

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AFOSR 67-0721 AFOSR [illegible] AFOSR [illegible] AFOSR [illegible] AFOSR [illegible]

TEL-AVIV UNIVERSITY

AFOSR 67-1319 AFOSR [illegible] AFOSR [illegible] AFOSR [illegible]

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AFOSR 68-2313

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AFOSR 68-2151

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TESAS CHRISTIAN UNIVERSITY

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AFOSR 67-0222 AFOSR [illegible] AFOSR [illegible]

TEXAS A&M UNIVERSITY

AFOSR 68-0368 AFOSR 68-1452 AFOSR [illegible] AFOSR [illegible]

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TEXAS ABS UNIVERSITY

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AFOSR 68-1956

TEXAS INSTRUMENTS INCORPORATED

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AFCRL 68-0285

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AFOSR 67-0209

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AFCRL 67-0032 AFCRL 67-0033

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AFOSR 67-0229 AFOSR 67-0265 AFOSR 67-0314 AFOSR 67-0316 AFOSR 67-0390 AFOSR 67-0607 AFOSR 67-0710
AFOSR 67-0711 AFOSR 67-0712 AFOSR 67-0749 AFOSR 67-0760 AFOSR 67-0761 AFOSR 67-0762 AFOSR 67-0763
AFOSR 67-0764 AFOSR 67-0765 AFOSR 67-0766 AFOSR 67-0767 AFOSR 67-0784

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AFOSR 67-0933

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AFOSR 68-0254

TOKYO UNIVERSITY

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TORONTO UNIVERSITY OF

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AFCRL 68-0026

TRG INC

AFCRL 67-0510 AFCRL 67-0511

TRUSTEES OF BOSTON UNIVERSITY

AFCRL 67-0027

TRW INC

AFCRL 67-0684 AFCRL 68-0265 AFCRL 68-0465 ARL 68-0152U

TRW INCORPORATED

AFCRL 67-0567 AFCRL 68-0167

TRW SYSTEMS

AFOSR 68-0320 AFOSR 68-0540 ARL 67-0211U ARL 68-0144W ARL 68-0325W ARL 68-11238

TRW SYSTEMS GROUP

AFCRL 67-0102 AFCRL 68-0372

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TRW, INCORPORATED

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AFOSR 68-0503 AFOSR 68-1882

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AFCRL 68-0078

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UNIVERSITE D ALX-MARSEILLE

AFOSR 67-0492

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AFOSR 67-0219 AFOSR 67-0220 AFOSR 67-0237 AFOSR 67-0249 AFOSR 67-0298 AFOSR 67-0331 AFOSR 67-0332
AFOSR 67-0333 AFOSR 67-0334 AFOSR 67-0339 AFOSR 67-0340 AFOSR 67-0341 AFOSR 67-0342 AFOSR 67-0343
AFOSR 67-0344 AFOSR 67-0345 AFOSR 67-0346 AFOSR 67-0347 AFOSR 67-0360 AFOSR 67-0375 AFOSR 67-0419
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AFOSR 67-0488 AFOSR 67-0490 AFOSR 67-0510 AFOSR 67-0556 AFOSR 67-0588 AFOSR 67-0591 AFOSR 67-0626
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AFOSR 67-0694 AFOSR 67-0718 AFOSR 67-0722 AFOSR 67-0730 AFOSR 67-0731 AFOSR 67-0734 AFOSR 67-0735
AFOSR 67-0775 AFOSR 67-0776 AFOSR 67-0777 AFOSR 67-0778 AFOSR 67-0780 AFOSR 67-0781 AFOSR 67-0789
AFOSR 67-0836 AFOSR 67-0850 AFOSR 67-0856 AFOSR 67-0860 AFOSR 67-0888 AFOSR 67-0897 AFOSR 67-0971
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UNIVERSITY OF CAMBRIDGE

AFOSR 67-0060 AFOSR 67-0070 FOSR 67-0071 AFOSR 67-0072 AFOSR 67-0328 AFOSR 67-0329 AFOSR 67-0872
AFOSR 67-0878 AFOSR 67-0885 -FOSR 67-1135 AFOSR 67-1148 AFOSR 67-1323 AFOSR 67-1349 AFOSR 67-1350
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AFOSR 67-2700 AFOSR 67-2701 AFOSR 67-2766 AFOSR 67-2771 AFOSR 68-2174

UNIVERSITY OF CANTERBURY

AFOSR 67-0919 AFOSR 67-1641

UNIVERSITY OF CHICAGO

AFCRL 67-0288 AFOSR 67-0019 AFOSR 67-0024 AFOSR 67-0041 AFOSR 67-0048 AFOSR 67-0092 AFOSR 67-0093
AFOSR 67-0226 AFOSR 67-1270 AFOSR 67-0324 AFOSR 67-0397 AFOSR 67-0644 AFOSR 67-0742 AFOSR 67-0792
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AFOSR 68-0430 AFOSR 68-0654 AFOSR 68-0668 AFOSR 68-0707 AFOSR 68-0716 AFOSR 68-0721 AFOSR 68-0722
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AFOSR 68-0886 AFOSR 68-1795 AFOSR 68-1185 AFOSR 68-1246 AFOSR 68-1248 AFOSR 68-1256 AFOSR 68-1317
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UNIVERSITY OF CINCINNATI

AFOSR 67-0205 AFOSR 67-0206 ARL 67-0277U ARL 67-0280U ARL 67-1068N ARL 67-1183N ARL 67-1185N
ARL 68-1359N ARL 68-1361N ARL 68-1490N

UNIVERSITY OF COLORADO

AFCRL 67-0648 AFCRL 67-0647 AFCRL 68-0298 AFCRL 68-0501 AFCRL 68-0835 AFOSR 67 0073 AFOSR 67-0700
AFOSR 67-0793 AFOSR 67-1381 AFOSR 67-1368 AFOSH 67-1394 AFOSH 67-1403 AFOSR 67-1740 AFOSR 67-1746
AFOSR 67-2091 AFOSR 67-2110 AFOSR 67-2113 AFOSH 67-2134 AFOSR 67-2148 AFOSH 67-2180 AFOSR 67-2493
AFOSR 67-2803 AFOSR 67-2804 AFOSR 68-0187 AFOSR 68-0188 AFOSR 68-0255 AFOSR 68-0488 AFOSR 68-0725
AFOSR 68-1152 AFOSR 68-1226 AFOSR 68-1269 AFOSR 68-1281 AFOSR 68-1481 AFOSR 68-1831

UNIVERSITY OF CONNECTICUT

AFOSR 67-1137 AFOSR 67-1138 AFOSR 68-0015 AFOSR 68-0016 AFOSR 68-0017 AFOSR 68-1721 AFOSR 68-1776

UNIVERSITY OF COPENHAGEN

AFOSR 68-1642 ARL 67-0061U

UNIVERSITY OF DAYTON

AFCRL 67-0420 AFCRL 67-0433 AFCRL 67-0534 AFCRL 67-0659 ARL 67-0042U ARL 67-1010J ARL 67-1011J
ARL 67-1012J ARL 67-1200M ARL 67-1201M ARL 67-1202M ARL 67-1203M ARL 67-1204M ARL 67-13398
ARL 68-0246W ARL 68-0253W ARL 68-1457M ARL 68-14588 ARL 68-1459M ARL 68-1460M ARL 68-14610
ARL 68-14628 ARL 68-14636

UNIVERSITY OF DAYTON RESEARCH INSTITUTE

ARL 68-0156U

UNIVERSITY OF DELAWARE

AFOSR 67-0084 AFOSR 67-0152 AFOSR 67-0425 AFOSR 67-1320 AFOSR 67-2027 AFOSR 67-22R9 AFOSR 67-2419
AFOSR 68-0033 AFOSR 68-0470 AFOSR 68-1310 AFOSR 68-1551 AFOSR 68-2044

UNIVERSITY OF DENVER

AFCRL 67-0063 AFCRL 67-0211 AFCRL 67-0448 AFCRL 67-0572 AFCRL 68-0105 AFCRL 68-0278 AFCRL 68-0334
AFCRL 68-0436 AFCRL 68-0505 AFCRL 68-0521

UNIVERSITY OF DURHAM

AFOSR 67-1998 AFOSR 68-1542 AFOSR 68-1543

UNIVERSITY OF EDINBURGH

AFOSR 67-2572 AFOSH 68-0812 AFOSR 68-0813

UNIVERSITY OF FLORENCE

AFCRL 67-0068 AFCRL 67-0357 AFCRL 68-0532

UNIVERSITY OF FLORIDA

AFCRL 67-0687 AFCRL 68-0185 AFCRL 68-0493 AFOSR 67-0063 AFOSH 67-1036 AFOSR 67-1038 AFOSR 67-1209
AFOSR 67-1300 AFOSR 67-1301 AFOSR 67-1302 AFOSR 67-1305 AFOSR 67-1374 AFOSR 67-1375 AFOSR 67-1501
AFOSR 67-1663 AFOSR 67-1920 AFOSH 67-2153 AFOSR 67-2277 AFOSH 67-2514 AFOSH 67-2555 AFOSR 67-2565
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AFOSR 68-2270 AF 68-1069N

UNIVERSITY OF FRANKFURT

ARL 67-1299M

UNIVERSITY OF GENOA

AFOSR 67-1480

UNIVERSITY OF GEORGIA

AFOSR 67-0228 AFOSR 67-0990 AFOSR 67-1283 AFOSR 67-2133 AFOSR 67-2803 AFOSR 68-0038 AFOSR 68-0341
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AFOSR 68-1709 AFOSR 68-1711

UNIVERSITY OF GHANA

AFCRL 68-0080

UNIVERSITY OF GLASGOW

AFOSR 67-0110 AFOSR 68-0733

UNIVERSITY OF GOTTINGEN

AFCRL 67-0444 ARL 67-1091B

UNIVERSITY OF GRONINGEN

AFCRL 67-0554

UNIVERSITY OF HAMBURG

ARL 67-0122U

UNIVERSITY OF HAWAII

AFCRL 67-0176 AFCRL 67-0177 AFCRL 67-0179 AFCRL 67-0203 AFCRL 67-0566 AFCRL 68-0295 AFCRL-67-0178
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UNIVERSITY OF HOUSTON

AFML 67-0111 AFOSR 67-1500 AFOSR 67-1597 AFOSR 67-2020 ARL 68-1331A

UNIVERSITY OF HULL

AFOSR 67-0381 AFOSR 67-0563 AFOSR 67-0586 AFOSR 68-1272 AFOSR 68-1275

UNIVERSITY OF IDAHO

AFOSR 67-1552 AFOSR 68-0435 AFOSR 68-1322

UNIVERSITY OF ILLINOIS

AFCRL 67-0056 AFCRL 67-0181 AFCRL 67-0192 AFCRL 67-0392 AFCRL 67-0401 AFCRL 68-0035 AFCRL 68-0079
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ARL 68-0135U ARL 68-0167M AHL 68-1444M ARL 68-1448M

UNIVERSITY OF INNSBRUCK

AFCRL 68-0174 AFCRL 68-0345 AFCRL 68-0440 AFOSR 67-1548

UNIVERSITY OF IOWA

AFOSR 67-0204 AFOSR 68-1813

UNIVERSITY OF KANSAS

AFCRL 68-0350 AFOSR 67-1079

UNIVERSITY OF KARLSRUHE

ARL 67-1295M ARL 67-1309M

UNIVERSITY OF KENT

AFOSR 67-2276 AFOSR 67-2785

UNIVERSITY OF KENT AT CANTERBURY

AFOSR 67-1774

UNIVERSITY OF KENTUCKY

AFOSR 67-1185

UNIVERSITY OF KENTUCKY RSCH FOUNDATION

AFOSR 67-0398 AFOSR 67-1440 AFOSR 67-2447 AFOSR 68-0647 AFOSR 68-0826 AFOSR 68-0827

UNIVERSITY OF LEEDS

AFCRL 67-0441 AFCRL 68-0017 AFCRL 68-0538

UNIVERSITY OF LEICESTER

AFOSR 67-0191 AFOSR 68-0862

UNIVERSITY OF LEYDEN

AFOSR 67-2779 AFOSR 68-1043

UNIVERSITY OF LIEGE

AFCRL 67-0095 AFCRL 67-0303 AFCRL 67-0587

UNIVERSITY OF LONDON

AFCRL 67-0174 AFCRL 67-0198 AFOSR 67-2432 AFOSR 67-2436 AFOSR 68-0525

UNIVERSITY OF LOUISVILLE

AFOSR 68-0528 AFOSR 68-0596

UNIVERSITY OF LOUVAIN

ARL 67-0155W ARL 68-0351W

UNIVERSITY OF LUND

AFOSR 67-0105 AFOSR 67-0523 AFOSR 67-0531 AFOSR 67-1989 AFOSR 67-2266 AFOSR 67-2271 AFOSR 68-0193
AFOSR 68-0315

UNIVERSITY OF MAINE

AFOSR 67-1698 AFOSR 67-1779 AFOSR 67-2622

UNIVERSITY OF MANCHESTER

AFOSR 67-1990

UNIVERSITY OF MANITOBA

AFOSR 67-0196 AFOSR 67-2263 AFOSR 68-1313

UNIVERSITY OF MARYLAND

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AFOSR 68-2355 ARL 67-1206L

UNIVERSITY OF MASSACHUSETTS

AFCRL 67-0683 AFOSH 67-0663 AFOSR 67-0729 AFOSR 67-1218 AFOSR 67-1687 AFOSR 67-2387 AFOSR 67-2826
AFOSR 68-0174 AFOSR 68-0720 AFOSR 68-1946 AFOSR 68-2266 AFOSR 68-2514 AFOSR 68-2515

UNIVERSITY OF MIAMI

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AFOSR 68-1049 AFOSR 68-1316 AFOSR 68-1619 AFOSH 68-2131 AFOSR 68-2406 AFOSR 68-2532 AFOSR 68-2550

UNIVERSITY OF MICHIGAN

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AFOSR 68-1237 AFOSR 68-1389 AFOSR 68-1392 AFOSR 68-1393 AFOSR 68-1394 AFOSR 68-1395 AFOSR 68-1425
AFOSR 68-1614 AFUSR 68-1616 AFOSR 68-1654 AFOSH 68-1655 AFCSR 68-1875 AFOSR 68-1891 AFOSR 68-1902
AFOSR 68-1915 AFOSR 68-1930 AFOSR 68-1931 AFOSR 68-1943 AFOSR 68-1957 AFOSR 68-2007 AFUSH 68-2134
AFOSR 68-2145 AFOSR 68-2148 AFOSR 68-2164 AFOSH 68-2316 ARL 67-0071U ARL 67-0084W ARL 67-0217U
ARL 67-0276U ARL 67-0287W ARL 67-0288W

UNIVERSITY OF MILAN

AFOSR 67-1445 AFOSR 67-1761 AFOSH 67-2012 AFOSR 67-2101 AFCSH 67-2102

UNIVERSITY OF MILANO

AFOSR 67-0137 AFOSH 67-013R AFOSR 67-1333 AFOSH 67-1362

UNIVERSITY OF MINNESOTA

AFAL 67-0072 AFCHL 67-0623 AFCHL 68-0072 AFCHL 68-0164 AFOSH 67-0052 AFOSR 67-0084 AFOSH 67-0102
AFOSH 67-0103 AFOSR 67-0115 AFOSR 67-0218 AFOSH 67-0225 AFOSR 67-0296 AFOSR 67-0420 AFOSH 67-0356
AFOSH 67-0401 AFOSR 67-0401 AFOSR 67-0535 AFOSR 67-0547 AFOSR 67-0589 AFOSH 67-0757 AFOSH 67-1026
AFOSH 67-1089 AFOSR 67-1163 AFOSH 67-1209 AFOSH 67-1210 AFOSR 67-1271 AFOSH 67-1419 AFOSH 67-1457
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AFOSR 67-2759 AFOSR 67-2767 AFOSR 67-2881 AFOSR 67-2942 AFCSH 67-2943 AFOSR 67-2944 AFOSR 67-2953
AFOSH 68-0068 AFOSH 68-0075 AFOSR 68-0125 AFOSH 68-0197 AFOSR 68-0200 AFOSH 68-0207 AFOSH 68-0251
AFOSR 68-0253 AFOSR 68-0256 AFOSH 68-0265 AFOSH 68-0298 AFOSR 68-0308 AFOSR 68-0491 AFOSH 68-1417
AFOSR 68-1575 AFOSH 68-1695 AFOSR 68-1713 AFOSR 68-1869 AFOSR 68-1953 AFOSR 68-1956 AFOSR 68-1906
AFOSR 68-1907 AFOSR 68-1913 AFOSH 68-1914 AFOSR 68-203R AFOSR 68-2040 AFOSH 68-2051 AFOSR 68-2053
AFOSR 68-2106 AFOSR 68-2111 AFOSH 68-2210 AFUSR 68-2227 AFOSR 68-2231 AFOSH 68-2240 AFOSH 68-2294
AFOSR 68-2339 AFOSH 68-2457 AFOSR 68-2526 ARL 68-0043U ARL 68-0339W

UNIVERSITY OF MISSOURI

AFOSR 67-0941 AFOSR 67-0942 AFOSH 67-1012 AFOSR 67-1015 AFOSH 67-1605 AFOSR 67-1697 AFOSR 67-1707
AFOSR 67-1921 AFOSR 67-1922 AFOSR 67-2410 AFOSH 68-1072 AFOSR 68-1145

UNIVERSITY OF MONTREAL

AFOSR 67-2362

UNIVERSITY OF MUNICH

ARL 67-1310M ARL 67-1314M

UNIVERSITY OF NEBRASKA

ARL 68-1358M

UNIVERSITY OF NEVADA

AFOSR 67-0529 AFOSH 67-1789 AFOSH 67-2406 AFOSH 67-2709 AFOSR 68-0360 AFOSH 68-0719 AFOSR 68-1435
AFOSH 68-1570 AFOSR 68-1573 AFOSR 68-1620 AFOSR 68-1733 AFCSH 68-1962 AFOSH 68-2253

UNIVERSITY OF NEW HAMPSHIRE

AFCRL 67-0460 AFCRL 67-0477 AFCRL 68-0051 AFCRL 68-0062 AFCRL 68-0277

UNIVERSITY OF NEW MEXICO

AFOSH 67-1515 AFOSR 67-2632 AFOSH 68-0713 AFOSR 68-0287 AFOSR 68-0891 AFOSR 68-0927 AFOSH 68-1578
AFOSR 68-1667 AFOSR 68-1769 AFOSH 68-1855 AFOSH 68-1856 AFOSR 68-1894 AFOSR 68-1917

UNIVERSITY OF NEW SOUTH WALES

AFOSR 67-0062 AFOSH 67-1356 AFOSR 67-1359 AFOSH 67-1360 AFCSR 67-2194 AFOSR 67-2195

UNIVERSITY OF NEW YORK

AFOSR 67-2728 AFOSH 68-2657

UNIVERSITY OF NEW YORK STATE

AFOSH 68-2059 AFOSH 68-2065 AFOSR 68-2069 AFOSR 68-219R AFOSR 68-2243 AFUSH 68-2267 AFOSR 68-2283
AFOSH 68-2484

UNIVERSITY OF NEWCASTLE

AFOSH 67-0768 AFOSR 68-1511

UNIVERSITY OF NORTH CAROLINA

AFOSH 67-0542 AFOSR 67-0553 AFOSH 67-0681 AFUSH 67-0682 AFCSH 67-0683 AFOSR 67-0750 AFOSR 67-1109
AFOSH 67-1353 AFOSR 67-1670 AFOSH 67-2346 AFOSR 68-0211 AFOSH 68-0642 AFOSR 68-0729 AFOSR 68-0840
AFOSH 68-2121 AFOSH 68-2333

UNIVERSITY OF NOTRE DAME

AFCHL 67-0184 AFCRL 67-0649 AFML 67-0054 AFOSR 67-0923 AFCSH 68-0677 AFOSR 68-0678 AFOSH 68-0975
AFOSR 68-2411 AFOSR 68-2422 AFOSR 68-2456

UNIVERSITY OF OKLAHOMA

AFOSR 67-0218 AFOSR 67-0940 AFOSR 67-1958 AFOSR 67-1498 AFOSR 67-2805 AFOSR 67-2644A6 AFOSR 68-0966
AFOSR 68-1063 AFOSR 68-1318 AFOSR 68-2130 ARL 67-0810U

UNIVERSITY OF OKLAHOMA RESEARCH INSTITUTE

AFCRL 68-0299

UNIVERSITY OF OKLAHOMA STATE

AFOSR 68-2810

UNIVERSITY OF OREGON

AFOSR 67-0505 AFOSR 67-1000 AFOSR 67-1979 AFOSR 67-2007 AFOSR 67-2286 AFOSR 67-2398 AFOSR 68-0108
AFOSR 68-0481 AFOSR 68-0597 AFOSR 68-0949 AFOSR 68-1639 AFOSR 68-1831 AFOSR 68-1709 AFOSR 68-1706
AFOSR 68-2109

UNIVERSITY OF OREGON MEDICAL SCHOOL

AFOSR 68-0983

UNIVERSITY OF OSLO

AFCRL 68-0022 AFCRL 68-0197 AFCRL 68-0201 AFCRL 68-0202 AFCRL 68-0203 AFCRL 68-0204 AFCRL 68-0238
AFOSR 67-0199 AFOSR 67-0207 AFOSR 67-0899 AFOSR 67-1308 AFOSR 67-1653 AFOSR 68-1693

UNIVERSITY OF OXFORD

AFOSR 67-0317 AFOSR 67-0920 AFOSR 67-1101 AFOSR 67-1478 AFOSR 67-2249 AFOSR 67-2251 AFOSR 67-2253

UNIVERSITY OF PARIS

AFCRL 68-0646

UNIVERSITY OF PARMA

AFOSR 67-0403 AFOSR 67-0877

UNIVERSITY OF PENNSYLVANIA

AFOSR 67-0423 AFOSR 67-1367 AFOSR 67-1675 AFOSR 67-1676 AFOSR 67-1952 AFOSR 67-2401 AFOSR 67-2791
AFOSR 68-0237 AFOSR 68-0545 AFOSR 68-1599 AFOSR 68-1600 AFOSR 68-1604 AFOSR 68-1703 AFOSR 68-1836
AFOSR 68-1838 AFOSR 68-1839 ARL 67-1300M

UNIVERSITY OF PENNSYLVANIA HOSPITAL

AFOSR 67-0890 AFOSR 67-1836 AFOSR 67-1839 AFOSR 67-1840 AFOSR 67-1842 AFOSR 67-1844 AFOSR 67-1846
AFOSR 67-1852 AFOSR 67-1853

UNIVERSITY OF PISA

AFOSR 67-0118 AFOSR 67-0557 AFOSR 67-1273 AFOSR 67-1713 AFOSR 67-2354 AFOSR 67-2537 AFOSR 67-2538
AFOSR 67-2539 AFOSR 67-2540 AFOSR 67-2541 AFOSR 67-2542 AFOSR 67-2543 AFOSR 67-2544 AFOSR 67-2545
AFOSR 67-2546 AFOSR 67-2547 AFOSR 67-2005 AFOSR 68-0061 AFOSR 68-0573 AFOSR 68-2317

UNIVERSITY OF PITTSBURG

AFOSR 68-0190

UNIVERSITY OF PITTSBURGH

AFCRL 68-0460 AFOSR 67-0158 AFOSR 67-0813 AFOSR 67-1041 AFOSR 67-1043 AFOSR 67-1707 AFOSR 67-2030
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AFOSR 67-2648 AFOSR 68-0024 AFOSR 68-0560 AFOSR 68-0672 AFOSR 68-0736 AFOSR 68-0802 AFOSR 68-0804
AFOSR 68-0820 AFOSR 68-0831 AFOSR 68-0836 AFOSR 68-0931 AFOSR 68-1687 AFOSR 68-1893 ARL 67-0053U

UNIVERSITY OF PRINCETON

AFOSR 67-1390

UNIVERSITY OF QUEENSLAND

AFOSR 67-1923 AFOSR 68-0666 AFOSR 68-1223 AFOSR 68-1252 AFOSR 68-1253 AFOSR 68-1254 AFOSR 68-1255
AFOSR 68-1257 AFOSR 68-1344

UNIVERSITY OF READING

AFCRL 68-0496

UNIVERSITY OF RHODE ISLAND

AFCRL 67-0122 AFCRL 67-0236

UNIVERSITY OF ROCHESTER

AFCRL 67-0380 AFCRL 67-0523 AFCRL 68-0026 AFCRL 68-0061 AFCRL 68-0096 AFCRL 68-0190 AFCRL 68-0515
AFOSR 67-0032 AFOSR 67-0164 AFOSR 67-0210 AFOSR 67-0286 AFOSR 67-0388 AFOSR 67-0427 AFOSR 67-0444
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AFOSR 67-1651 AFOSR 67-1682 AFOSR 67-1728 AFOSR 67-1731 AFOSR 67-2053 AFOSR 67-2238 AFOSR 67-2320

AFOSR 67-2321 AFOSR 67-2605 AFOSR 67-2730 AFOSR 67-2764 AFOSR 67-2775 AFOSR 68-0314 AFOSR 68-0561
AFOSR 68-0702 AFOSR 68-0801 AFOSR 68-1050 AFOSR 68-1056 AFOSR 68-1523 AFOSR 68-1561 AFOSR 68-1598
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AFOSR 68-2058 AFOSR 68-2075 AFOSR 68-2229 ARL 67-1313M

UNIVERSITY OF ROME

AFCRL 67-0507 AFOSR 67-0099 AFOSR 67-0821 AFOSR 67-1606 AFOSR 67-1691 AFOSR 68-0194

UNIVERSITY OF SALFORD

ARL 68-1356M

UNIVERSITY OF SASKATCHEWAN

AFCRL 68-0121 AFCRL 68-0157 AFCRL 68-0800

UNIVERSITY OF SHEFFIELD

AFOSR 67-1634 AFOSR 67-1546 AFOSR 67-1961 AFOSR 67-2026 AFOSR 68-0809 AFOSR 68-1173 AFOSR 68-1195
AFOSR 68-1274

UNIVERSITY OF SOUTH CAROLINA

AFOSR 68-1348

UNIVERSITY OF SOUTHERN CALIFORNIA

AFCRL 68-0194 AFOSR 67-0011 AFOSR 67-0046 AFOSR 67-0146 AFOSR 67-0313 AFOSR 67-0335 AFOSR 67-0366
AFOSR 67-0377 AFOSR 67-0430 AFOSR 67-0431 AFOSR 67-0432 AFOSR 67-0440 AFOSR 67-0441 AFOSR 67-0442
AFOSR 67-0451 AFOSR 67-0452 AFOSR 67-0453 AFOSR 67-0468 AFOSR 67-0479 AFOSR 67-0483 AFOSR 67-0486
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AFOSR 68-2351 AFOSR 68-2402 AFOSR 68-2451 ARL 67-0178U

UNIVERSITY OF SOUTHERN METHODIST

AFOSR 68-2021 AFOSR 68-2025 AFOSR 68-2026 AFOSR 68-2027 AFOSR 68-2028 AFOSR 68-2029 AFOSR 68-2030
AFOSR 68-2031 AFOSR 68-2046 AFOSR 68-2047 AFOSR 68-2129

UNIVERSITY OF SOUTHERN METHODIST UNIVERSITY

AFOSR 68-2022

UNIVERSITY OF STOCKHOLM

AFOSR 68-2203 AFOSR 68-2204 AFOSR 68-2209

UNIVERSITY OF SUSSEX

AFOSR 67-1529 AFOSR 67-1780 AFOSR 68-0538 AFOSR 68-1524

UNIVERSITY OF SYDNEY

AFOSR 67-0634 AFOSR 68-0848 AFOSR 68-0860 AFOSR 68-0864 AFOSR 68-1100 AFOSR 68-1225 AFOSR 68-1797
AFOSR 68-1811 AFOSR 68-1965 AFOSR 68-2073 AFOSR 68-2268 AFOSR 68-2284 AFOSR 68-2285

UNIVERSITY OF TENNESSEE

AFCRL 67-0612 AFOSR 68-0130 AFOSR 68-1748 AFOSR 68-1770 AFOSR 68-1778 AFOSR 68-1877 AFOSR 68-2060

UNIVERSITY OF TEXAS

AFCRL 67-0540 AFOSR 67-0241 AFOSR 67-0242 AFOSR 67-0243 AFOSR 67-0280 AFOSR 67-0389 AFOSR 67-0477
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AFOSR 68-2478 AFOSR 68-2561 ARL 67-0062U ARL 68-0196U ARL 68-1139B

UNIVERSITY OF TEXAS AT AUSTIN

AFOSR 68-0154 AFOSR 68-0279 AFOSR 68-0290 AFOSR 68-0381 AFOSR 68-0382 AFOSR 68-0516 AFOSR 68-0581
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AFOSR 68-1607 AFOSR 68-1613 AFOSR 68-1715 AFOSR 68-1780 AFOSR 68-1796 AFOSR 68-1799 AFOSR 68-1818
AFOSR 68-1859

UNIVERSITY OF THESSALONIKI

AFOSR 68-1613 AFOSR 68-2297

UNIVERSITY OF TORONTO

AFOSR 67-1488

UNIVERSITY OF TORONTO

AFOSR 67-0127 AFOSR 67-0128 AFOSR 67-0129 AFOSR 67-0278 AFOSR 67-0606 AFOSR 67-0669 AFOSR 67-067;
AFOSR 67-1793 AFOSR 67-2655 AFOSR 68-0011 AFOSR 68-0467 AFOSR 68-0712 AFOSR 68-0790 AFOSR 68-1196
AFOSR 68-1604 AFOSR 68-1877 AFOSR 68-1922 AFOSR 68-2427 ARL 67-0017U ARL 67-0018U AHL 67-0019U
ARL 67-0278U ARL 68-0018U ARL 68-0205U

UNIVERSITY OF TORONTO,

ARL 67-0220U

UNIVERSITY OF TURIN

AFOSR 68-0564 AFOSR 68-0565 AFOSR 68-0566 AFOSR 68-0567

UNIVERSITY OF UPPSALA

AFOSR 68-1817 AFOSR 68-2281 AFOSR 68-2568 AFOSR 68-2569 AFOSR 68-2570 AFOSR 68-2571

UNIVERSITY OF UTAH

AFCRL 67-0295 AFCRL 67-0336 AFCRL 67-0470 AFCRL 67-0505 AFCRL 67-0532 AFCRL 67-0536 AFCRL 67-0584
AFCRL 68-0010 AFCRL 68-0065 AFCRL 68-0306 AFCRL 68-0534 AFOSR 67-0163 AFOSR 67-0198 AFOSR 67-1523
AFOSR 67-1901 AFOSR 67-2028 AFOSR 67-2742 AFOSR 67-2800 AFOSR 68-0034 AFOSR 68-0243 AFOSR 68-0568
AFOSR 68-0591 AFOSR 68-1191 AFOSR 68-1321 AFOSR 68-1458 AFOSR 68-1471 AFOSR 68-1548 AFOSR 68-1665
AFOSR 68-2421

UNIVERSITY OF VERMONT

AFOSR 67-1634 AFOSR 67-1695

UNIVERSITY OF VIENNA

AFOSR 67-0647 AFOSR 68-0005 AFOSR 68-1041 AFOSR 68-1999

UNIVERSITY OF VIRGINIA

AFOSR 67-2652 AFOSR 67-2657 AFOSR 67-2754 AFOSR 68-0336 AFOSR 68-0424 AFOSR 68-0821 AFOSR 68-0876
AFOSR 68-0906 AFOSR 68-1149 AFOSR 68-1732 AFOSR 68-1900

UNIVERSITY OF WASHINGTON

AFCRL 67-0325 AFCRL 67-0383 AFCRL 68-0043 AFCRL 68-0317 AFCRL 68-0322 AFCRL 68-0333 AFCRL 68-0433
AFOSR 67-0349 AFOSR 67-0428 AFOSR 67-0666 AFOSR 67-0782 AFOSR 67-1335 AFOSR 67-1395 AFOSR 67-2760
AFOSR 68-0037 AFOSR 68-0090 AFOSR 68-0056 AFOSR 68-0280 AFOSR 68-0281 AFOSR 68-0290 AFOSR 68-0300
AFOSR 68-0324 AFOSR 68-0325 AFOSR 68-0340 AFOSR 68-0818 AFOSR 68-0819 AFOSR 68-0825 AFOSR 68-0862
AFOSR 68-1299 AFOSR 68-1300 AFOSR 68-1825 AFOSR 68-1967 AFOSR 68-2139 AFOSR 68-2435 AFOSR 68-2436
AHL 68-1357M

UNIVERSITY OF WESTERN AUSTRALIA

AFOSR 67-0268 AFOSR 67-1736 AFOSR 67-1751 AFOSR 67-2710

UNIVERSITY OF WESTERN ONTARIO

AFCRL 67-0014 AFCRL 68-0413 AFOSR 67-1463 AFOSR 67-1604 AFOSR 68-0134

UNIVERSITY OF WINDSOR

AFOSR 67-0017 AFOSR 67-0660 AFOSR 67-1129 AFOSR 67-2284 AFOSR 67-2509 AFOSR 67-2637 AFOSR 67-2675
AFOSR 68-0162 AFOSR 68-1073 AFOSR 68-1123 AFOSR 68-1767 AFOSR 68-1768 AFOSR 68-1843

UNIVERSITY OF WISCONSIN

AFOSR 67-0197 AFOSR 67-0208 AFOSR 67-0533 AFOSR 67-0714 AFOSR 67-0723 AFOSR 67-0724 AFOSR 67-0725
AFOSR 67-0726 AFOSR 67-0727 AFOSR 67-0740 AFOSR 67-0741 AFOSR 67-1426 AFOSR 67-1531 AFOSR 67-1659
AFOSR 67-1714 AFOSR 67-1946 AFOSR 67-1966 AFOSR 67-2172 AFOSR 67-2191 AFOSR 67-2210 AFOSR 67-2376
AFOSR 67-2377 AFOSR 67-2675 AFOSR 68-0025 AFOSR 68-0705 AFOSR 68-1157 AFOSR 68-1530 AHL 68-0190B
ARL 68-0247M

UNIVERSITY OF ZURICH

AFOSR 68-0190 AFOSR 68-0195 AFOSR 68-0694 AFOSR 68-1398

UNIVERSITY OF WASHINGTON

AFOSR 68-0948

UPPSALA UNIVERSITY

AFCRL 67-0141 AFCRL 67-0212 AFCRL 67-0213 AFCRL 67-0640 AFCRL 68-0016 AFCRL 68-0374 AFCRL 68-0423
AFCRL 68-0552 AFOSR 67-1469 AFOSR 67-1621 AFOSR 67-1733 AFOSR 67-1834 AFOSR 67-1835 AFOSR 68-0152

UTAH STATE UNIVERSITY

AFCRL 67-0049 AFCRL 67-0058 AFCRL 67-0070 AFCRL 67-0220 AFCRL 67-0289 AFCRL 67-0496

VANDERBILT UNIVERSITY

AFOSR 67-1177 AFOSR 67-2807 AFOSR 67-2811 AFOSR 67-2828 AFOSR 67-2832 AFOSR 68-1034 AFOSR 68-1077
AFOSR 68-1311 AFOSR 68-1640

VARIAN ASSOCIATES

AFCRL 67-0694 AFCRL 68-0359

VERMONT UNIVERSITY OF

AFOSR 68-2298

VICTORIA UNIVERSITY

AFOSR 67-2375

VICTORIA UNIVERSITY OF MANCHESTER

AFCRL 68-0073 AFCRL 68-0335 AFOSR 67-0678

VICTORIA UNIVERSITY OF WELLINGTON

AFOSR 67-1297 AFOSR 68-0208 AFOSR 68-2841 AFOSR 68-2844 AFOSR 68-2865

VIRGINIA INST SCIENTIFIC RESEARCH

AFOSR 68-2774

VIRGINIA INSTITUTE FOR SCIENTIFIC RESEARCH

AFOSR 67-0698 AFOSR 67-0923 AFOSR 67-1892 AFOSR 67-2472 AFOSR 67-2473

VIRGINIA INSTITUTE FOR SCIENTIFIC RSCH

AFOSR 68-1885

VITRO CORP OF AMERICA

AFCRL 68-0556 AFOSR 68-1563

VITRO LABORATORIES

AFCRL 67-0372 AFCRL 68-0283

VITRO LABS

AFCRL 67-0679

VON KARMAN INSTITUTE FOR FLUID DYNAMICS

AFOSR 67-0614 AFOSR 67-0615 AFOSR 67-2059 AF 67-2606 AFOSR 68-0231 AFOSR 68-0626 AFOSR 68-2582
AFOSR 68-2588 AFOSR 68-2640 AML 67-0063U ARL 67-0120U ARL 68-0020U ARL 68-0110U ARL 68-0158

WAKE FOREST COLLEGE

AFOSR 67-0884

WALTER KIDDE & COMPANY INC

AFCRL 67-0678

WARNER AND SWASEY CO

AFCRL 67-0158

WASHINGTON STATE UNIVERSITY

AFOSR 68-0317 AFOSR 68-1005 AFOSR 68-1109 AFOSR 68-1113 AFOSR 68-1134 AFOSR 68-1708

WASHINGTON UNIVERSITY

AFOSR 67-0238 AFOSR 67-1410 AFOSR 67-1705 AFOSR 67-1967 AFOSR 67-2344 AFOSR 67-2616 AFOSR 67-2731
AFOSR 67-2741 AFOSR 68-0262 AFOSR 68-1156 AFOSR 68-1527 AFOSR 68-1546 AFOSR 68-1636 AFOSR 68-1647

WASHINGTON UNIVERSITY OF

AFOSR 68-2302 AFOSR 68-2438 AFOSR 68-2440 AFOSR 68-2471 AFOSR 68-2496 AFOSR 68-2744 AFOSR 68-2797

WAYNE STATE UNIVERSITY

AFOSR 67-0195 AFOSR 68-0010 AFOSR 68-0057 AFOSR 68-0681 AFOSR 68-0739

WEIZMAN INSTITUTE OF SCIENCE

AFOSR 68-0797 AFOSR 68-1642

WEIZMANN INSTITUTE OF SCIENCE

AFCRL 67-0041 AFCRL 68-0115 AFCRL 68-0420 AFCRL 68-0421 AFCRL 68-0422 AFCRL 68-0489 AFCRL 68-0490
AFOSR 67-0610 AFOSR 67-1208 AFOSR 67-2025 AFOSR 67-2343 AFOSR 67-2349 AFOSR 67-2350 AFOSR 68-0520
AFOSR 68-0534 AFOSR 68-0535 AFOSR 68-0536 AFOSR 68-0537 AFOSR 68-0599 AFOSR 68-2701 AFOSR 68-2726

WESLEYAN UNIVERSITY

AFOSR 68-0320 AFOSR 68-1448 AFOSR 68-2764

WESTAT RESEARCH INC

AFOSR 67-0980

WESTERN AUSTRALIA UNIVERSITY OF

AFOSR 68-2143

WESTERN ELECTRIC COMPANY INC

AFCRL 68-0250

WESTERN RESERVE UNIVERSITY

AFOSR 67-0509 AFOSR 67-1466 AFOSR 67-1467 AFOSR 67-1474 AFOSR 67-1721 AFOSR 67-1770 AFOSR 67-1772
AFOSR 67-1773 AFOSR 68-0298 AFOSR 68-0309

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BAHTLETT N S
AFOSR 68-2753

BARTLETT R W
AFCRL 67-0218
AFCRL 67-0557
AFCRL 68-0166
AFCRL 68-0563

BARTON G
AFOSR 68-0138

BARTON J P
AFOSR 67-1248
AFOSR 68-1142

BARTONELLI C
AFOSR 67-2813

BARTUS D J
AFOSR 68-0257
AFOSR 68-0436

BARTRAM R H
AFOSR 68-0315

BARTZ J A
AFOSR 68-0545
AFOSR 68-1927

BARUCCHI G
AFOSR 68-0569
AFOSR 68-1217
AFOSR 68-1219

BARUCH J
AFOSR 67-2310

BARUCH M
AFOSR 67-0467
AFOSR 67-0967
AFOSR 67-1329
AFOSR 67-1342
AFOSR 67-2442
AFOSR 68-1787
AFOSR 68-1936
AFOSR 68-1946

BARUCH P
AFCRL 67-0160
AFCRL 68-0213

BARUT A O
AFOSR 67-0700
AFOSR 67-0793
AFOSR 67-1351
AFOSR 67-1746
AFOSR 67-2001
AFOSR 67-2110
AFOSR 67-2113
AFOSR 67-2134
AFOSR 67-2140
AFOSR 67-2803
AFOSR 67-2804
AFOSR 68-0147
AFOSR 68-0174
AFOSR 68-0725
AFOSR 68-1152
[illegible]
[illegible]

[illegible]

[illegible]

[illegible]

BASS M
AFCRL 68-0234

BASS R P
AFCRL 68-0368

BASSANINI P
AFOSR 67-0137
AFOSR 67-1915

BASSETT D C
AFOSR 67-1780

BASSETT M E
AFCRL 67-0372

BASTIANSEN O
AFOSR 67-0277

BASTRESS E K
AFOSR 67-0932
AFOSR 67-0938

BASU S K
AFOSR 68-0684

BATES H E
AFML 67-0049

BATH W
AFCRL 68-0374

BATINI C
AFOSR 67-1351
AFOSR 67-2585

BATLEY M
AFOSR 68-1257

BATTANEL C P
AFCRL 67-0204
AFCRL 67-0205

BATTISTE M A
AFOSR 68-0705
AFOSR 68-0709
AFOSR 68-0710

BAUER O
ARL 67-0262W
ARL 68-0307W
ARL 68-0324W
ARL 68-1137A

BAUER O H
ARL 68-0055W
ARL 68-0089W

BAUDING D
AFOSR 68-1464

BAUER R C
AFOSR 67-1014

BAUKUS J
ARL 67-0350W

BAUM C E
AFOSR 68-1057

BAUMINGER S
AFOSR 67-2383
AFOSR 68-2720

[illegible]
ARL 67-[illegible]

[illegible]
[illegible]

[illegible]
[illegible]

BAXTER R G
AFCRL 68-0172

BAYAZIT Y N
AFCRL 68-0035

BAYES K D
AFOSR 67-1049
AFOSR 67-1106
AFOSR 68-2199
AFOSR 68-2812

BAYFIELD J E
AFOSR 68-2292

BAZER J
AFCRL 67-0520

BAZLEY N W
ARL 68-0273W
ARL 68-0274W

BEACH L R
AFOSR 67-0227
AFOSR 67-2725
AFOSR 67-2743
AFOSR 68-0362

BEACH R L
AFOSR 67-1760

BEACHELL H C
AFOSR 67-2419
AFOSR 68-0470
AFOSR 68-1310
AFOSR 68-1551
AFOSR 68-1958

BEAGLEHOLE D
AFOSR 68-0724

BEAL-MONOD M T
AFOSR 68-2397

BEALS R
AFOSR 68-1686

BEARCROFT D J
AFOSR 67-0742
AFOSR 68-0367

BEATTY J
AFOSR 67-1826
AFOSR 67-2234

BEAUMIEN D J
AFCRL 68-0416

BEAUDET R A
AFOSR 67-2265
AFOSR 68-2799
AFOSR 68-2804

BECK C
AFOSR 68-0024
AFOSR 68-0130
AFOSR 68-2546

BECKER K H
AFOSR 67-1049
AFOSR 67-1106
AFOSR 68-2512

BECKER R L
AFCRL 68-0300

BECKER W S
AFML 67-0111

[illegible]
AFOSR 67-[illegible]

[illegible]
[illegible]
[illegible]
[illegible]

BECSEY J A
ARL 67-0108V

BECSEY J C
ARL 67-1245A

BECSEY J G
ARL 67-0093V
ARL 68-0013V
ARL 68-0111T
ARL 68-0143V
ARL 68-1218C
ARL 68-1451A

BEDARD G
AFCRL 67-0523

BEDJAI G
ARL 67-0060U

BEENAKKER J J M
AFOSR 68-0660

BEHRENS H
ARL 68-0130V

BEINCKE L
AFOSR 67-2428

BEINEKE L W
AFOSR 67-0736
AFOSR 68-0619
AFOSR 68-1393

BEKEY G A
AFOSR 67-0452
AFOSR 67-0483
AFOSR 67-1485
AFOSR 67-1966
AFOSR 68-0455
AFOSR 68-2694

BEKUE D A
AFOSR 68-0483

BELL H
AFCRL 67-0207
AFCRL 67-0346
AFCRL 68-0217
AFCRL 68-0316

BELL C G
AFOSR 67-1618

BELL E E
AFCRL 68-0126

BELL J F
AFOSR 67-1007
AFOSR 68-0350

BELL K N
AFOSR 68-1918

BELL S
AFOSR 67-0016

BELLERO S
AFCRL 67-0492
AFCRL 68-0327

BELLO M A
AFCRL 68-0439

BELTRAMI E J
AFOSR 67-1272

BEN-AMEEN Y
AFOSR 67-2612

BEN-ISRAEL S
AFOSR 67-2359

BEN-MENAHEM A
AFCRL 68-0421
[illegible] 68-0422

AFCRL 68-0499
AFCRL 68-0490

BENCI S
AFOSR 68-2768

BENDER C M
AFOSR 68-2212

BENDER D
ARL 67-1052M

BENDER F
A L 68-14150

BENDT R J
AFOSR 67-2569
AFOSR 68-1117

BENEDEK G
AFOSR 67-1127
AFOSR 67-1665
AFOSR 67-1761
AFOSR 68-1098
AFOSR 68-1472

BENEDETTO K M
ARL 67-0179T
ARL 67-1075A
ARL 68-1136A

BENEDICT W S
AFCRL 67-0438

BENEDIKTSSON O
AFOSR 67-2752

BENENSON D
ARL 67-0265W

BENENSON D M
ARL 68-0109U
ARL 68-1194R

BENER P
AFCRL 67-0610

BENESCH W M
AFCRL 68-0565

BENNETT C L
AFCRL 67-0114

BENNETT J H
AFCRL 67-0167

BENNETT M V L
AFOSR 67-1490
AFOSR 67-1491
AFOSR 67-1492

BENNETT R K
AFOSR 68-0104

BENNETT W R JR
AFOSR 67-2630

BENNETT W R JR
AFOSR 67-0309
AFOSR 67-0324
AFOSR 67-2617
AFOSR 67-2629
AFOSR 67-2640
AFOSR 67-2663

BENNION D C
AFOSR 68-2621

BENOIT A
ARL 67-0017U
ARL 67-0019U
ARL 68-0205U

BENSON S W
AFOSR 68-2909

BENT R H
ARL 68-1088N

BENTLEY W D
AFOSR 68-1893

BENTLY W D
AFOSR 68-1590

BENDOWSKI W
AFOSR 67-2637
AFOSR 68-1071
AFOSR 68-1121
AFOSR 68-1843

BERG O S
AFCRL 67-0182

BERG E
AFOSR 67-2151
AFOSR 67-2704
AFOSR 67-2960
AFOSR 68-1933

BERG I D
AFOSR 68-2265

BERGEN A R
AFOSR 67-0296
AFOSR 68-2654
AFOSR 68-2877

BERGER A W
AFCRL 68-0181

BERGER H
AFOSR 67-1798
AFOSR 68-1534
AFOSR 68-1535
AFOSR 68-2038
AFOSR 68-2039

BERGER H
AFOSR 67-1608

BERGER H S
AFOSR 68-2340

BERGER R J
AFOSR 68-1650
AFOSR 68-2704

BERGER T
AFCRL 68-0175

BERGLES A E
AFOSR 67-1459

BERGLUND H
AFOSR 68-2208
AFOSR 68-2555
AFOSR 68-2557

BERGLUND O
AFOSR 68-2204
AFOSR 68-2557

BERGLUND V
AFOSR 68-2554
AFOSR 68-2555

BERGMAN D
ARL 67-0333V
ARL 67-1043A

BERGMAN S
AFOSR 68-0304
AFOSR 68-2672
AFOSR 68-2673
AFOSR 68-2804

BERGMAN Z
AFOSR 67-1321

BERGMANN P G
AFOSR 67-1373

BERKE L
ARL 68-0345V

BERKOFSKY L
AFCRL 68-0571

BERKOVITS A
AFOSR 68-0629

BERLEKAMP E R
AFOSR 68-2019

BERLIN R D
AFOSR 67-0706
AFOSR 67-0707
AFOSR 67-0751
AFOSR 67-2247

BERLUCCHI G
AFOSR 67-2546
AFOSR 68-2692
AFOSR 68-2714

BERMAN I
AFCRL 67-043

BERMAN M
AFOSR 69-1080

BERN M A
AFOSR 68-328R

BERNARD P K
AFOSR 67-0359

BERNE D J
AFOSR 68-0046

BERNHARD C G
AFOSR 67-0902
AFOSR 67-0913
AFOSR 68-0697
AFOSR 68-0698
AFOSR 68-0700
AFOSR 68-2769

BERNI A J
AFOSR 68-1001

BERON B L
AFOSR 67-1932

BERRY R S
AFOSR 68-2004

BERRY W L
AFCRL 67-0597

BERSON J A
AFOSR 67-2805

BERTA M A
AFOSR 67-0757

BERTHEL R O
AFCRL 68-0194

BERTONI E A
AFCRL 67-0435

BERTRAM R
AFCRL 68-0266
AFOSR 67-0811

BESALA P
AFOSR 68-1853
AFOSR 68-2106
AFOSR 68-2293
AFOSR 68-2294

BESCHER W G
AFOSR 67-1256

BESSERMAN H
ARL 67-1112M

BESSE A
AFCRL 67-0675

BESSE A L
AFCRL 68-0629

BESSETTE R H
AFOSR 68-1946
AFOSR 68-2266

BEST P E
AFOSR 67-0493

BETHEA T W III
AFOSR 67-0396
AFOSR 68-2510
AFOSR 68-2511

BETHEL H E
ARL 67-0045
ARL 67-0100V
ARL 67-1065L
ARL 67-1069A
ARL 67-1234L
ARL 67-1256C
ARL 68-0036T
ARL 68-0040V
ARL 68-0063V
ARL 68-0216T

BETTLER P C
AFOSR 67-2406

BEURLING A
AFOSR 67-1418
AFOSR 68-2181

BEVAN D J M
AFOSR 68-2143

BEVERSDORFF A
AFOSR 67-1314
AFOSR 68-1334

BHATTACHARYA A K
AFCRL 67-0181
ARL 67-1247A
ARL 68-1119A

BHATTACHARYA I C
AFOSR 68-2728

BHUNIK S
AFOSR 67-0218
AFOSR 67-0225
AFOSR 67-1026
AFOSR 67-2853

BHUSHAN M
AFOSR 67-1656

BIBL K
AFCRL 67-0114
AFCRL 67-0188
AFCRL 68-0106

BICHTELER K
AFOSR 68-2264

BICKART P
AFOSR 67-0680
AFOSR 68-1720
AFOSR 68-2497
AFOSR 68-2499

BICKART T A
RADC 67-0030

BIDERMAN A O
AFOSR 67-1020
AFOSR 68-0579
AFOSR 68-0580
AFOSR 68-0631
AFOSR 68-1406

BIDINOSTI D R
AFOSR 67-1463
AFOSR 67-1464

BIDWELL L R
ARL 67-0034V
ARL 67-0126V
ARL 67-0163V
ARL 67-0287V
ARL 68-0057V
ARL 68-1174A

BIEDENHARN L C JR
AFOSR 68-2550

BIEDERMAN E
AFOSR 67-1801
AFOSR 67-1830

BIEDERMAN-THOMSON M
AFOSR 68-0607

BIELOWSKI H
AFOSR 68-2583

BIERLEIN J A
ARL 67-0093V
ARL 67-0108V
ARL 67-1001L
ARL 67-1245A
ARL 68-1218C

BIGELEISEN J
AFOSR 67-2806

BILWAKESH [redacted]
ARL [redacted]130

BINCHAM J T
AFOSR 67-0864

BIORSKI A
ARL 67-1227J

BIOT M A
AFOSR 68-0098
AFOSR 68-0103
AFOSR 68-0458

BIRCH S
AFOSR 68-2356

BIRCHENALL C E
AFOSR 67-0084
AFOSR 67-2289

BIRD G A
AFOSR 68-0848
AFOSR 68-0860
AFOSR 68-1225
AFOSR 68-2243

BIRKELAND J W
ARL 67-0279T
ARL 68-0174V

BIRMAN J L
ARL 67-0238W
ARL 67-0267W
ARL 67-1282B
ARL 67-1283B
ARL 67-1321A
ARL 67-1322B
ARL 68-0243B
ARL 68-1414M
ARL 68-1415B
ARL 68-1416A

BIRNBAUM H
ARL 68-1296I

BIRNBAUM M R
AFOSR 67-1399

BIRNBAUM Z W
ARL 68-1292W
ARL 68-1293W

BISBERG A
AFCRL 68-0416

BISHING D E
AFCRL 67-0473
AFCRL 67-0474
AFCRL 67-0885
AFCRL 68-0037
AFCRL 68-0038
AFCRL 68-0226

BISENTRAUT K J
ARL 67-0214V

BISHOP A W
AFCRL 67-0535

BISHOP R R
AFOSR 68-0154
AFOSR 68-1777

BISNETTE M I
AFOSR 67-0990
AFOSR 67-1601

BISSONNETTE L R
AFOSR 68-0329

BISTAGNINO C
AFOSR 68-2282

BITTKOFER D W
AFCRL 67-0201
AFCRL 68-0145

BITTER F
AFOSR 68-1090

BITTERLICH W
AFCRL 67-0358
AFCRL 67-0361
AFCRL 67-0362
AFCRL 67-0494
AFCRL 68-0440

BJURCK G
AFOSR 68-0152

BJORDAL J
AFOSR 67-2531
AFOSR 68-2750

BJORKHOLM J F
AFOSR 67-1401

BLACK P
AFOSR 68-1672

BLACK W
ARL 67-1180S

BLACKBURN B J
AFOSR 68-2867

BLACKBURN J H
AFOSR 67-2036
AFOSR 68-1265

BLACKMORE W A
AFOSR 68-1390
AFOSR 68-2770

BLACKMORE T
AFOSR 68-2814

BLACKNIK R D G
AFOSR 68-1745

BLACKSMITH P
AFCRL 67-0476
AFCRL 68-0052

BLACKSTOCK D T
AFOSR 67-2605

BLACKWELL D
AFOSR 68-0249
AFOSR 68-0253
AFOSR 68-1002

BLADES J D
AFCRL 67-0219

BLAIN R W
AFCRL 67-0068

BLAIR S D
ARL 68-0210U

BLAKE A J
AFOSR 68-1099

BLAKELY J M
AFOSR 67-2296
AFOSR 67-2367
AFOSR 67-2392
AFOSR 68-0333

BLAKEMORE J S
AFOSR 68-0178
AFOSR 68-0201

BLANCH G
ARL 67-1033A
ARL 68-0223D
ARL 68-1255A
ARL 68-1282L
ARL 68-1472A

BLANCHARD J G
AFOSR 68-2323

BLANEY J I
AFCRL 67-0447

BLANEY J J
AFCRL 68-0589

BLATT J M
AFOSR 68-1491

BLATTNER W
AFCRL 67-0207
AFCRL 68-0186

BLAUM N A
AFOSR 68-1091

BLEEK H
AFCRL 67-0617

BLEISHMAN D A
AFOSR 68-1952

BLEISTEIN N
AFCRL 67-0531
AFOSR 67-1625

BLETZINGER P
ARL 68-0117V
ARL 68-0175V

BLIAMPTIS E E
AFCRL 68-0572

BLISCHKE W R
ARL 68-0207U

BLOM K A
AFOSR 68-0581

BLOOM J M
AFCRL 67-0078

BLOOMQUIST M G
AFCRL 67-0540

BLOOR J E
AFOSR 68-1149

BLOUNT M M
AFCRL 67-0292

BLUE E
AFAL 67-0001

BLUM J
AFOSR 67-0928
AFOSR 68-2603
AFOSR 68-2642

BLUM J R
AFOSR 68-1145

BLUM N A
AFOSR 67-1688
AFOSR 67-1841
AFOSR 67-2417
AFOSR 68-1454

BLUME R J
AFOSR 68-0962

BLUMENTHAL R N
ARL 67-0250W
ARL 68-0065U
ARL 68-1150M

BLUMER C B
AFOSR 67-2048
AFOSR 68-0092

BOARDMAN J
AFCRL 67-0117

BOATO G
AFOSR 68-0054

BOBILLIER P
AFOSR 67-2562
AFOSR 67-2564

BOBISUD L
AFOSR 68-0967

BOBROW D G
AFCRL 67-0269
AFCRL 67-0458
AFCRL 67-0485
AFCRL 68-0085

BOCZAR P
AFCRL 68-0200

BODANSKY D
AFOSR 68-0728
AFOSR 68-2772

BODDINGTON T
AFOSR 67-0520

BODENHEIMER P
AFOSR 68-0116
AFOSR 68-1032
AFOSR 68-1822

BODENSTEDT F
AFOSR 67-1612
AFOSR 67-1838

BODNER S R
AFOSR 67-1003
AFOSR 67-1159
AFOSR 67-1983
AFOSR 67-2310
AFOSR 67-2311
AFOSR 68-0628
AFOSR 68-1936

BOEDECKER L R
AFCRL 67-0190
ARL 67-0281U

BOEHMAN L T
ARL 67-0058U

BOEHME H
AFOSR 67-1168

BOEHME H C
AFOSR 67-2568

BOELLA G
AFCRL 67-0493
AFCRL 68-0173

BOER G J
AFCRL 67-0263

BOERSMA J
AFOSR 67-1280

BOESCHOTEN F
AFOSR 68-1726
ARL 67-1301H
ARL 67-1302M

BOESGAARD A M
AFOSR 68-2516

BOGOLIUBOFF S M
ARL 67-0009U
ARL 68-1000H
ARL 68-1110B
ARL 68-1111H
ARL 68-1112H

BOHACKEVSKY I O
AFOSR 67-2266

BOHM H V
AFOSR 67-0195
AFOSR 68-0657
AFOSR 68-0739

BOHM-VITENSE E
AFOSR 67-2673

BOHNERT L M
AFOSR 68-0244

BOHRER W
AFOSR 67-0758

BOHRER W E
AFOSR 68-1554

BOILEAU A R
AFCRL 68-0398

BOITI M
AFOSR 68-1240

BOK J
AFOSR 68-1389

BOLEF D I
AFOSR 67-2731
AFOSR 68-0262
AFOSR 68-1527
AFOSR 68-1636

BOLEN G M
AMRL 67-0121

BOLGIANO L P JR
AFOSR 67-0152

BOLLE D M
AFCRL 67-0009
AFCRL 68-0287
AFCRL 68-0146

BOLLE H J
AFCRL 68-0551

BOLLENMANN B
AFCRL 68-0132
AFCRL 68-0418

BOLLINGER L A
AFCRL 67-0023
AFCRL 67-0086

BOLTON J W
AFOSR 68-0397

BOLTON K
AFOSR 67-0659

BOMSE F
AFOSR 67-0028
AFOSR 67-2328
AFOSR 67-2340
AFOSR 68-0142

BONCZYK P A
AFOSR 68-2415

BOND A M
AFOSR 68-0937

BONE L I
ARL 67-0172V
ARL 67-1136E
ARL 67-1244A
ARL 68-0006V
ARL 68-0058V

BONFIGLIOLI G
AFOSR 67-0355
AFOSR 67-1656
AFOSR 67-2788
AFOSR 67-2785
AFOSR 67-2788
AFOSR 68-0478

BONGIORNO J J JR
AFOSR 68-0069
AFOSR 68-2049

BONHAM R A
AFOSR 67-0269
AFOSR 67-0863
AFOSR 67-1154
AFOSR 67-2806
AFOSR 68-0210

BONNELL J M
AFOSR 67-1001

BOOK D L
AFOSR 67-2089
AFOSR 68-0738

BOON J P
AFOSR 68-0329
AFOSR 68-0046
AFOSR 68-2000
AFOSR 68-2723

BOOREBS J A
AFOSR 68-0177

BOWECKI D
AFCRL 68-0594

BOWEK F
AFOSR 67-2349
AFOSR 68-0935
AFOSR 68-2537
AFOSR 68-2701

BOYCE A
AFOSR 67-1092

BORENSTEIN M
AFOSR 68-1578

BORENSTEIN S
AFOSR 67-0026
AFOSR 67-2324
AFOSR 67-2343
AFOSR 68-0142

BORGATTA E F
AFOSR 67-1531
AFOSR 68-0025

BORGENEVI S M
AFCRL 67-0589

BORK D
AFOSR 68-0929

BORODITZ I J
AFOSR 67-1703
AFOSR 68-0495

BORSCH S
ARL 68-0774V

BOSCHITZ E
AFOSR 67-1979

BOSE R C
AFOSR 67-1109

BOSTICK F X
AFCRL 67-0540

BOSTICK F X JR
AFOSR 67-1565
AFOSR 67-1589

BOSTICK W A
AFOSR 67-0991

BOSTICK W H
AFCRL 67-0675
AFCRL 68-0405
AFCRL 68-0406
AFOSR 67-1062
AFOSR 68-1668
AFOSR 68-1669
AFOSR 68-1670

BOTTORFF W W
AFOSR 68-2025

BOUCHARD G H
AFOSR 68-1478

BOUCHARD G H JR
AFOSR 67-2621

BOUCK L S
AFOSR 67-1901

BOUDREAU G W
AFOSR 67-0717

BOUDREAU H F
AFCRL 68-0619

BOUGHTON R I
AFOSR 67-1452
AFOSR 68-0507
AFOSR 68-0786

BOULANGER P
ARL 68-0203U

BOULWARE D G
AFOSR 68-0715
AFOSR 68-1630

BOUNDS C L
AFOSR 68-1080

BOURGOIN J
AFCRL 67-0160
AFCRL 68-0213

BOVILLE B W
AFCRL 68-0224

BOWDEN C
AMC 67-0012

BOWDEN F P
AFOSR 67-0520
AFOSR 67-2230
AFOSR 68-0572
AFOSR 68-1789

BOWDEN K F
AFOSR 68-0285

BOWELL E
AFCRL 67-0504

BOWERS R V
AFOSR 68-1067

BOWMAN W A
AFCRL 67-0366

BOYA L J
AFOSR 68-1074

BOYCE W E
AFOSR 67-1692
AFOSR 68-1300

BOYD D W
AFOSR 67-0406

BOYD G
AFCRL 68-0200

BOYD J A
AFOSR 68-1799

BOYER D W
AFCRL 67-0201
AFCRL 68-0145

BOYLING J D
AFOSR 67-0072
AFOSR 67-1839

BRACE W F
AFCRL 68-0261

BRACEWELL R N
AFOSR 67-1225
AFOSR 67-1710
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INSTR...ARL-7021-00-05
PROJECT.....7021

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OLSEN H N
OAR ACCESS NO.....209170-004
DDC NUMBER.....AD661923
INSTR...AF-33/615/01105
PROJECT.....7063

ARL 67-0036W
TECHNION R&D FOUNDATION
CALIBRATION OF THIN FILM RESISTANCE THERMOMETERS FOR HEAT FLUX MEASUREMENTS IN THE SHOCK TUBE
BY SEGINER A
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OAR ACCESS NO.....207860-004
INSTR...AF-61/052/00576
PROJECT.....7063

ARL 67-0037W
TECHNION R&D FOUNDATION
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BY ROM J
OAR ACCESS NO.....207860-005
DDC NUMBER.....AD664574
INSTR...AF-61/052/00576
PROJECT.....7063

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PROJECT.....7063

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DDC NUMBER.....AD630347
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PROJECT.....7065

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OAR ACCESS NO.....209720-006
BY SPIALTER L
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DDC NUMBER.....AD653655
INSTR...ARL-7023-00-09
PROJECT.....7023

ARL 67-0041V
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OAR ACCESS NO.....210570-006
BY GEBEL R K H
DDC NUMBER.....AD653401
INSTR...ARL-7885-00-03
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RESEARCH AND INVESTIGATION OF OPTICAL PROPERTIES OF SEMI CONDUCTING CRYSTALS FINAL REPORT MARCH 1967
OAR ACCESS NO.....208971-001
BY SCHNEIDER J
DDC NUMBER.....AD653205
INSTR...AF-33/615/01257
PROJECT.....7885

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OAR ACCESS NO.....212000-001
BY YEN J T
DDC NUMBER.....AD819865
INSTR...AF-33/615/03498
PROJECT.....7063

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OAR ACCESS NO.....210280-005
BY KRISHNAIAH P R
DDC NUMBER.....AD653968
INSTR...ARL-7071-00-11
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OAR ACCESS NO.....209910-009
BY BETHEL H E
DDC NUMBER.....AD664591
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INSTR...ARL-7064-00-07
PROJECT.....7064

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OAR ACCESS NO.....209770-001
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BY PINCHAK A C
DDC NUMBER.....AD653578
INSTR...AF-33/615/01915
PROJECT.....7116

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THE ANALYSIS OF NOISY NON-LINEAR DEVICES BY MEANS OF GENERALIZED RANDOM PROCESSES FINAL REPORT MARCH 1967
OAR ACCESS NO.....210480-005
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INSTR...ARL-7116-00-05
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OAR ACCESS NO.....208310-002
BY KANG S W
DDC NUMBER.....AD653199
INSTR...AF-33/657/08302
PROJECT.....7118

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FINITE DIFFERENCE SOLUTION OF THE LAMINAR COMPRESSIBLE BOUNDARY LAYER EQUATIONS IN THE VON MISES VARIABLES WITH APPLICATIONS
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OAR ACCESS NO.....209300-007
BY KLEINSTEIN G
DDC NUMBER.....AD653206
INSTR...AF-33/615/02215
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OAR ACCESS NO.....707070-001
BY CALLAN E J.
INSTR...ARL STAFF-AHB
PROJECT.....1300

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AN APPROXIMATE SOLUTION OF VON MISES BOUNDARY LAYER EQUATION
NYU-AA-66-67 MARCH 1967
OAR ACCESS NO.....209300-010
BY REGGIORI A
DDC NUMBER.....AD653206
INSTR...AF-33/615/02215
PROJECT.....7064

ARL 67-0053U
UNIVERSITY OF PITTSBURGH
RESEARCH ON SOLUTIONS OF THE GRAVITATIONAL FIELD EQUATIONS FINAL REPORT FEB 1
OAR ACCESS NO.....208701-001
BY JANIS A I
NEWMAN E T
DDC NUMBER.....AD653581
INSTR...AF-33/615/01523
PROJECT.....7114

ARL 67-0054T
HYPERSONIC RESEARCH LABORATORY
SIMILARITY SOLUTIONS FOR THE RETARDED COMPRESSIBLE BOUNDARY LAYER WITH HEAT AND MASS TRANSFER FINAL REPORT MARCH 1967
OAR ACCESS NO.....209900-001
BY BALL K O W
DDC NUMBER.....AD653181
INSTR...ARL-7064-00-06
PROJECT.....7064

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A REVIEW OF DISPERSION RELATIONS FOR LOW FREQUENCY WAVES IN QUIESCENT MAGNETO PLASMAS FINAL REPORT MARCH 1967
OAR ACCESS NO.....210390-001
BY ANTON H S
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DDC NUMBER.....AD653589
INSTR...ARL-7073-00-04
PROJECT.....7073

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OAR ACCESS NO.....209750-001
BY SMITH H E
DDC NUMBER.....AD655370
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PROJECT.....7063

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OAR ACCESS NO.....207870-002
BY FUCKS W
FISCHER E
UHLENBUSCH J
DDC NUMBER.....AD650270
INSTR...AF-61/052/00805
PROJECT.....7063

ARL 67-0058U
ILLINOIS INSTITUTE OF TECHNOLOGY
RESEARCH ON MIXING OF COAXIAL STREAMS FINAL REPORT MARCH 1967
OAR ACCESS NO.....208810-001
BY FEJER A A — DOC NUMBER.....AD656016
FONDA T P — INSTR...AF-33(615)-01024
HOFFMAN L I — PROJECT.....7116
GHIA K N
HERMANN R G

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THEORY AND TABLES FOR TESTS OF HYPOTHESES CONCERNING THE MEAN AND THE VARIANCE OF A WEIBULL POPULATION FINAL REPORT MARCH 1967
OAR ACCESS NO.....210280-006
BY HARTER H L — DOC NUMBER.....AD653593
DUBEY S D — INSTR...ARL-7071-00-11
PROJECT.....7071

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DETERMINATION OF DEPARTURES FROM LOCAL THERMODYNAMIC EQUILIBRIUM IN ARC PLASMAS FINAL REPORT MARCH 1967
OAR ACCESS NO.....210640-001
BY OLSEN H N — DOC NUMBER.....AD655934
BEDJAI G — INSTR...AF-33(615)-05149
MANTINDILL R E — PROJECT.....7073

ARL 67-0061U
UNIVERSITY OF COPENHAGEN
THEORY OF CHEMICAL KINETICS II FINAL REPORT 1966
OAR ACCESS NO.....208161-002
BY BAK T A — DOC NUMBER.....AD650313
FISHER E R — INSTR...AF-61(052)-00697
NYELAND C — PROJECT.....7023

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UNIVERSITY OF TEXAS
RESEARCH ON PLASMA DIAGNOSTIC METHODS FOR HIGH TEMPERATURE PLASMA RESEARCH FINAL REPORT MARCH 1967
OAR ACCESS NO.....208341-002
BY DOUGAL A A — DOC NUMBER.....AD653052
FRIEDRICH O M JR — INSTR...AF-33(615)-03124
HAGLEN W E — PROJECT.....7073
MAYHALL D J
ROBERTS H N

ARL 67-0063U
VON KARMAN INSTITUTE FOR FLUID DYNAMICS
NOTE ON THE CONCEPT OF BLUNT TRAILING EDGE BLADES
OAR ACCESS NO.....209382-002
BY CHAUVIN J — DOC NUMBER.....AD650606
SNEUGELMANS F — INSTR...AF-EOAR-0065-65
PROJECT.....7064

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THRUST AUGMENTATION FOR V-STOL AMES RESEARCH AND CONCEPTS FINAL REPORT MARCH 1967
OAR ACCESS NO.....210520-001
BY VON OHAIN H J P — DOC NUMBER.....AD653325
CAMPBELL W S — INSTR...ARL-7116-00-01
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ARL 67-0066Y
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OAR ACCESS NO.....209700-004
BY CHATTOPADHYAY S C — DOC NUMBER.....AD653704
SIEVERS R E — INSTR...ARL-7023-00-07
PROJECT.....7023

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OAR ACCESS NO.....210975-005
BY [illegible] G L
INSTR...ARL-7035-00-03
PROJECT.....7045

ARL 67-0068T
AEROSPACE RESEARCH LABORATORIES
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OAR ACCESS NO.....211070-004
BY KOTLYAR S M — DOC NUMBER.....AD656371
INSTR...ARL-7065-00-04
PROJECT.....7065

ARL 67-0069U
CORNELL AERONAUTICAL LABORATORY
RESEARCH ON ADVANCED GAS DYNAMIC TEST FACILITIES FINAL REPORT APRIL 1967
OAR ACCESS NO.....207290-006
BY DAIBER J W — DOC NUMBER.....AD657778
STODDARD F J — INSTR...AF-33(657)-08860
THOMPSON H M — PROJECT.....7065
REHM R G

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EAGLE-PICHER CO
RESEARCH IN PURIFICATION AND SINGLE CRYSTAL GROWTH OF II-VI COMPOUNDS
OAR ACCESS NO.....208952-001
BY FARNIG R H
WEBB G N — INSTR...AF-33(615)-[illegible]47
BROWN L W — PROJECT.....7885

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CONDENSATION IN A RAPIDLY EXPANDING METAL VAPOR-INERT GAS MIXTURE FINAL REPORT APRIL 1967
OAR ACCESS NO.....209921-002
BY SHERMAN P M — DOC NUMBER.....AD656708
MCBRIDE D D — INSTR...AF-33(615)-02307
ORTAR E — PROJECT.....7116

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OAR ACCESS NO.....210560-004
BY LANGER D W J — DOC NUMBER.....AD653658
FUBEMA H A — INSTR...ARL-7885-00-02
PROJECT.....7885

ARL 67-0074V
AEROSPACE RESEARCH LABORATORIES
REPLY BY AUTHOR TO M F HEPTRAMS COMMENT
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OAR ACCESS NO.....209870-003
BY PIONE A W — DOC NUMBER.....AD656152
INSTR...ARL-7064-00-03
PROJECT.....7064

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OAR ACCESS NO.....209640-005
BY JACKSON A G — DOC NUMBER.....AD656950
HAAS T W — INSTR...ARL-7023-00-01
PROJECT.....7023

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THE EFFECT OF SMALL TEMPERATURE ON THE LOW REYNOLDS NUMBER HYPERSONIC STAGNATION REGION SHOCK LAYER
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BY LIU J T C — DOC NUMBER.....AD653059
INSTR...AF-49(638)-01271
PROJECT.....7064

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BY LINCK R G — DOC NUMBER.....AD659920
SULLIVAN J C — INSTR...ARL-7023-00-07
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BY MICHAUD K J — DOC NUMBER.....AD656153
CRAMER K R — INSTR...ARL-7021-00-09
PROJECT/TASK.....7021/20

ARL 67-0079V
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OAR ACCESS NO.....209720-004
BY SPIALTER L — DOC NUMBER.....AD653706
AUSTIN J D — INSTR...ARL-7023-00-09
PROJECT.....7023

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(AR ACCESS NO.....209470-001
BY KRISHNAIAH P R — DDC NUMBER.....AD653860
MASEED RIZVI M — INSTR...AF-33(615)03016
PROJECT.....7071

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OAR ACCESS NO.....210550-005
BY COLLINS T C — DDC NUMBER.....AD654154
EUBANK H N — INSTR...AHL-7885-00-01
DEWITT J S — PROJECT.....7885

ARL 67-0082V
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OAR ACCESS NO.....210J80-008
BY PAND D R — DDC NUMBER.....AD659921
GAMSCADDEN A — INSTR...ARL-7073-00-03
PROJECT/TASK.....7073/00

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OAR ACCESS NO.....210480-009
BY CZYZAK S J — DDC NUMBER.....AD653661
KRUEGER T K — INSTR...ARL-7114-00-01
PROJECT.....7114

ARL 67-0084V
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AERODYNAMICS OF OSCILLATING DISKS AND A RIGHT-CIRCULAR CYLINDER
J FLUID MECH VOL 27 PART 1 PP 177-207 1967
OAR ACCESS NO.....209260-001
BY WILLMARTH W W — DDC NUMBER.....AD653062
HAAK N E — INSTR...AF-33(615)07-28
GALLOWAY A J — PROJECT.....7064
ROOS F W

ARL 67-0085V
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OAR ACCESS NO.....211420-007
BY GRADER M D — DDC NUMBER.....AD656155
WATSON D D — INSTR...AHL-7112-00-01
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AEROSPACE RESEARCH LABORATORIES
SPOT TESTS FOR THE DETECTION OF ELEMENTAL ARSENIC ANTIMONY AND TIN
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OAR ACCESS NO.....209700-010
BY FEIGL F — DDC NUMBER.....AD659901
CHAN F L — INSTR...ARL-7023-00-07
PROJECT.....7023

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SPOT TESTS FOR THE DETECTION OF BOUND ARSENIC AND ANTIMONY
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OAR ACCESS NO.....209700-011
BY FEIGL F — DDC NUMBER.....AD653902
CHAN F L — INSTR...ARL-7023-00-07
PROJECT.....7023

ARL 67-0088V
AEROSPACE RESEARCH LABORATORIES
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TRANSACTIONS OF THE FARADAY SOCIETY NO530 VOL63 PART 2 FEBRUARY 1967
OAR ACCESS NO.....209660-004
BY GENNELL J M JR — DDC NUMBER.....AD656134
DUNOIS J Y — INSTR...ARL-7023-00-03
PROJECT.....7023

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BY HARTER H L — DDC NUMBER.....AD653863
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PROJECT.....7885

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PREDICTION OF INCIPIENT SEPARATION IN SHOCK-LAYER INTERACTIONS
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OAR ACCESS NO.....209730-010
BY FUTRELL J H — DDC NUMBER.....AD653866
MILLER G D — INSTR...ARL-7023-00-10
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OAR ACCESS NO.....209650-004
BY PECSEY J G — DDC NUMBER.....AD659935
BIEHLEIN J A — INSTR...ARL-7023-00-07
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THE VOLATILE RARE EARTH CHELATES OF 1,1,1,2,2,3,3-HEPTAFLUORO-7,7-DIMETHYL-4,6-OCTANEDIONE
OAR ACCESS NO.....209703-014
BY SPRINGER C S JR — DDC NUMBER.....AD653143
SIEVERS R E — INSTR...AHL-7023-00-07
MEEK D W — PROJECT.....7023

ARL 67-0095V
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BY SWINGER C S JR — DDC NUMBER.....AD656157
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OAR ACCESS NO.....209700-016
BY CHAN F L — DDC NUMBER.....AD656184
INSTR...ARL-7023-00-07
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BY CHAN F L — DDC NUMBER.....AD653687
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BY NABI F
DDC NUMBER.....AD657322
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OAR ACCESS NO.....209850-003
BY LALONER J
DDC NUMBER.....AD657027
SAWYER F
INSTR...ARL-7064-00-01
FRIBERG E
PROJECT.....7064
QUINN B

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OAR ACCESS NO.....209890-005
BY BETHEL H E
DDC NUMBER.....AD656158
INSTR...ARL-7064-00-05
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OAR ACCESS NO.....209850-004
BY QUINN B
DDC NUMBER.....AD657325
INSTR...ARL-7064-00-01
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BY SHKAROFSKY I P
DDC NUMBER.....AD657774
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PROJECT.....7073

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OAR ACCESS NO.....209280-002
BY KRITZ A
DDC NUMBER.....AD657773
RADIN S
INSTR...AF-33/615/01910
SANDRI G
PROJECT.....7073

ARL 67-0104U
NEW YORK UNIVERSITY
AN EXPERIMENTAL AND THEORETICAL INVESTIGATION OF THE TURBULENT FAR WAKE
AIAA VOL 5 NO3 PP568-574 MARCH 1967
OAR ACCESS NO.....209300-010
BY ZAKKAY V
DDC NUMBER.....AD656161
FOX H
INSTR...AF-33/615/02215
PROJECT.....7064

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GROWTH OF ZNO SINGLE CRYSTALS
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OAR ACCESS NO.....210580-003
BY PARK Y S
DDC NUMBER.....AD659918
REYNOLDS D C
INSTR...ARL-7885-00-04
PROJECT/TASK.....7885/00

ARL 67-0106V
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OAR ACCESS NO.....209910-001
BY HANKEY W L
DDC NUMBER.....AD661672
CROSS E J JR
INSTR...ARL-7064-00-07
PROJECT.....7064

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BY GRAHAM H C
DDC NUMBER.....AD661777
TALLAN N M
INSTR...ARL-7021-00-08
RALSTON R JR
PROJECT.....7021

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SIMPLE DUCT REGULATOR FOR ON-OFF THERMOSTATIC CONTROL
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OAR ACCESS NO.....209650-005
BY RECSEY J A
DDC NUMBER.....AD661531
BIERLEIN J A
INSTR...ARL-7023-00-02
PROJECT.....7023

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OAR ACCESS NO.....211330-002
BY LEE D A
DDC NUMBER.....AD661876
GARSCADDEN A
INSTR...ARL-7071-00-21
PROJECT.....7071

ARL 67-0110V
AEROSPACE RESEARCH LABORATORIES
MASS SPECTROMETRIC INVESTIGATION OF H_3 AND $HSUB2$ TRANSFER REACTIONS OF HYDROCARBON IONS
J PHYS CHEM 71 1233-1237 APR 67
OAR ACCESS NO.....209730-018
BY ABRAHSON F P
DDC NUMBER.....AD661875
FUTRELL J H
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 67-0111V
AEROSPACE RESEARCH LABORATORIES
AN ISOBARIC ANALOG STATE WITH L F SUPPER 7 - OVER 2 CONFIGURATION IN SUPPER 37 CL
OAR ACCESS NO.....210420-010
BY HYDER A K JR
DDC NUMBER.....AD661876
HARRIS G I
INSTR...ARL-7112-00-01
PROJECT.....7112

ARL 67-0112U
CORNELL AERONAUTICAL LABORATORY INC
THEORETICAL AND EXPERIMENTAL STUDIES OF SHOCK WAVE-LAMINAR BOUNDARY LAYER INTERACTION IN THE STRONG INTERACTION REGIME FINAL REPORT MAY 1967
OAR ACCESS NO.....207401-002
BY HOLDEN M S
DDC NUMBER.....AD653988
INSTR...AF-33/615/01205
PROJECT.....7064

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OHIO STATE UNIVERSITY RESEARCH FOUNDATION
CHEMICAL KINETICS OF ENTRY INTO THE MARTIAN ATMOSPHERE FINAL REPORT MAY 1967
OAR ACCESS NO.....207310-004
BY FISHBURNE E S
DDC NUMBER.....AD657778
BILWAKESH K R
INSTR...AF-33/657/08951
EDSE R
PROJECT.....7065

ARL 67-0114U
JOHNSTON LABORATORIES INC
FUNDAMENTAL STUDIES RELATING TO THE RADIATION CHEMISTRY OF SMALL ORGANIC MOLECULES FINAL REPORT JAN 1967
OAR ACCESS NO.....208130-001
BY VESTAL M
DDC NUMBER.....AD658864
LERNER G
INSTR...AF-33/657/10846
PROJECT/TASK.....7023/00

ARL 67-0115U
SYSTEMS RESEARCH LABORATORIES INC
RELATIONS BETWEEN POINT DEFECTS IN THE COMPOUND $MSUB2XSUCS$
SRL TECHNICAL REPORT 580-C MAY 1967
OAR ACCESS NO.....209160-003
BY TALLAN N M
DDC NUMBER.....AD658054
GRAHAM H C
INSTR...AF-33/657/10815
VEST R W
PROJECT.....7021
TRIPP W C

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OAR ACCESS NO.....210280-010
BY HARTER H L
DDC NUMBER.....AD661878
MOORE A M
INSTR...ARL-7071-00-11
PROJECT.....7071

ARL 67-0117V
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OAR ACCESS NO.....210290-007
BY KRISHNAIAH P R
DDC NUMBER.....AD662096
RIZVI M H
INSTR...ARL-7071-00-12
PROJECT.....7071

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BY AUSTIN J D
SPIELTER L
RUELL G W
HARRIS C W
INSTR...ARL-7023-00-09
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ARL 67-0119T
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OAR ACCESS NO.....211360-001
BY SCHRADE H O
DDC NUMBER.....AD658489
INSTR...ARL-7063-00-13
PROJECT.....7063

ARL 67-0120U
VON KARMAN INSTITUTE FOR FLUID DYNAMICS
APPLICATION OF BLUNT TRAILING EDGE BLADINGS TO SUPERSONIC
COMPRESSOR STAGES FINAL REPORT MAY 1967
OAR ACCESS NO.....209382-003
BY CHAUVIN J
DEFUGELMANS F
DDC NUMBER.....AD653599
INSTR...AF-EOAR -0065-65
PROJECT.....7065

ARL 67-0121U
TECHNION RESEARCH AND DEVELOPMENT FOUNDATION
LAMINAR HEAT TRANSFER TO A TWO-DIMENSIONAL BLUNT BASE FROM
THE HIGH ENTHALPY FLOW IN THE SHOCK TUBE
TAE REPORT NO 59 JUNE 1967
OAR ACCESS NO.....207661-001
BY ROM J
SEGINER A
DDC NUMBER.....AD649868
INSTR...FA1052-67-C-0033
PROJECT.....7063

ARL 67-0122U
UNIVERSITY OF HAMBURG
EARTH EXPANSION GENERAL RELATIVITY PROBLEMS OF ABSTRACT
ALGEBRA FINAL JUNE 1967
OAR ACCESS NO.....208790-004
BY JORDAN P
DDC NUMBER.....AD653981
INSTR...AF-61/052/00567
PROJECT.....7114

ARL 67-0123U
OHIO STATE UNIVERSITY RESEARCH FOUNDATION
LOW TEMPERATURE THERMAL EXPANSION OF WURTZITE-PHASES OF II
B-VI B COMPOUNDS PART I THERMAL EXPANSION OF ZNS WURTZITE
FROM 2 DEGREES TO 317 DEGREES K FINAL REPORT JUNE 1967
OAR ACCESS NO.....209620-001
BY REESER R W
POWELL G W
DDC NUMBER.....AD650026
INSTR...AF-33/615/02270
PROJECT.....7045

ARL 67-0124T
AEROSPACE RESEARCH LABORATORIES
ON AN ALTERNATIVE METHOD OF NUMERICALLY EVALUATING THE
LINEARIZED PROBLEM OF AN IMPULSIVELY MOVING FLAT PLATE IN A
RAREFIED GAS FLOW FINAL REPORT JUNE 1967
OAR ACCESS NO.....209890-006
BY NAGARAJA K S
HUDSON J P
DDC NUMBER.....AD658458
INSTR...ARL-7064-00-05
PROJECT.....7064

ARL 67-0125T
AEROSPACE RESEARCH LABORATORIES
AN EQUATION FOR CHARACTERISTIC CURVES OF A
SPECTROPHOTOMETRIC EMULSION FINAL REPORT JUNE 1967
OAR ACCESS NO.....210440-010
BY KRUEGER F R
INSTR...ARL-7114-00-01
PROJECT.....7114

ARL 67-0126V
AEROSPACE RESEARCH LABORATORIES
ELECTRICAL PROPERTIES AND DEFECT STRUCTURE OF Al_2O_3:TiO_2 SUB1.
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OAR ACCESS NO.....209960-003
BY BINNER J W
MORELL L R
TALLAN N M
INSTR...ARL-7021-00-05
PROJECT.....7021

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AEROSPACE RESEARCH LABORATORIES
... OF IONIZATION IN A COSUB2 DISCHARGE
PHYSICS LETTERS VOL 24A NO 8 10 APRIL 1967
OAR ACCESS NO.....210340-007
BY GAYDAJOEN A
LIN S A
DDC NUMBER.....AD656159
INSTR...ARL-7073-00-03
PROJECT/TASK.....7073/00

ARL 67-0128V
UNION UNIVERSITY
EFFECTS OF SOUND AND VIBRATIONS ON HEAT TRANSFER
APPLIED MECHANICS REVIEWS VOL20 NO3 MARCH 1967
OAR ACCESS NO.....207582-001
BY RICHARDSON P D
DDC NUMBER.....AD657281
INSTR...AF33(615)-67-C-1754
PROJECT.....7063

ARL 67-0129V
AEROSPACE RESEARCH LABORATORIES
ON ARC PUMPING AND THE MOTION OF ELECTRIC ARCS IN A
TRANSVERSE MAGNETIC FIELD
PROCEEDINGS OF THE SEVENTH INTERNATIONAL CONFERENCE ON
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OAR ACCESS NO.....210790-001
BY SCHRADE H O
DDC NUMBER.....AD656208
INSTR...ARL-7063-00-08
PROJECT.....7063

ARL 67-0130V
AEROSPACE RESEARCH LABORATORIES
ASYMPTOTIC VARIANCES AND COVARIANCES OF MAXIMUM-LIKELIHOOD
ESTIMATORS FROM CENSORED SAMPLES OF THE PARAMETERS OF
WEIBULL AND GAMMA POPULATIONS
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1967
OAR ACCESS NO.....210280-009
BY HARTER H L
MOORE A H
DDC NUMBER.....AD656833
INSTR...ARL-7071-00-11
PROJECT/TASK.....7071/00

ARL 67-0131W
NEW YORK UNIVERSITY
APPROXIMATE ANALYTIC SOLUTIONS FOR NONSIMILAR BOUNDARY
LAYERS
AIAA VOL 5 MAY 1967
OAR ACCESS NO.....209300-011
BY RUGER C J
DDC NUMBER.....AD657095
INSTR...AF-33/615/02215
PROJECT.....7064

ARL 67-0132V
AEROSPACE RESEARCH LABORATORIES
RARE EARTH CHELATES OF 1 1 1 2 2 3 3-HEPTAFLUORO-7 7-
DIMETHYL-4 6-OCTANEDIONE
INORGANIC CHEMISTRY 6 1105 /1967/
OAR ACCESS NO.....209700-012
BY SPRINGER C S JR
MEEK D W
STEVENS R E
DDC NUMBER.....AD656160
INSTR...ARL-7023-00-07
PROJECT.....7023

ARL 67-0133U
CORNELL AERONAUTICAL LABORATORY INC
THE ISENTROPIC COMPRESSION TUBE A NEW APPROACH TO
GENERATING HYPERVELOCITY TEST FLOWS WITH LOW DISSOCIATION
CAL REPT NO AD-1718-A-7 JUNE 1967
OAR ACCESS NO.....207290-005
BY STODDARD F J
HERTZBERG A
GORDON HALL J
DDC NUMBER.....AD659154
INSTR...AF-33/657/08960
PROJECT.....7065

ARL 67-0134U
CORNELL AERONAUTICAL LABORATORY INC
A LASER-DRIVEN IMPLOSION FOR GENERATING VERY HIGH
TEMPERATURES
CAL NO AD-1716-A-8 JUNE 1964
OAR ACCESS NO.....207290-006
BY DAIBER J W
[illegible] A
WHITLIFF C E
DDC NUMBER.....AD659155
INSTR...AF-33/657/08960
PROJECT.....7065

ARL 67-0136T
AEROSPACE RESEARCH LABORATORIES
REPORT ON RESEARCH
OAR ACCESS NO.....707080-002
BY DIRECTORS ARL
INSTR...ARL STAFF-ARL
PROJECT.....1300

ARL 67-0137W
TECHNION, ISRAEL INSTITUTE OF TECHNOLOGY
HIGH TEMPERATURE DEFECT STRUCTURE OF AMBIOUS OXIDE
OAR ACCESS NO.....209200-002
BY HRANSKY I
TANNHAUSER D S
DDC NUMBER.....AD661027
INSTR...AF-61/052/00435
PROJECT.....7021

ARL 67-0138V
AEROSPACE RESEARCH LABORATORIES
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OAR ACCESS NO.....210320-006
BY MOND B
HANSON M A
DDC NUMBER.....AD661879
INSTR...ARL-7071-00-15
PROJECT.....7071

ARL 67-0139V
GENERAL ELECTRIC RESEARCH & DEVELOPMENT CENTER
DENSITY INDUCTION TIMES IN VERY LEAN MIXTURES OF D SUB2 H SUB2 C SUB2 H SUB2 AND C SUB2 H SUB4 WITH O SUB2
ELEVENTH SYMPOSIUM /INTERNATIONAL/ ON COMBUSTION 1967 THE COMBUSTION INSTITUTE PITTSBURGH PA PP 147-154
OAR ACCESS NO.....208821-001
BY WHITE D R
DDC NUMBER.....AD665578
INSTR...AF-33/615/05274
PROJECT.....7023

ARL 67-0140T
AEROSPACE RESEARCH LABORATORIES
MATHEMATICAL THEORY OF STEADY COMPRESSIBLE SWIRL FLOWS WITH CLOSED STREAMLINES AT HIGH REYNOLDS NUMBERS FINAL REPORT
JULY 1967
OAR ACCESS NO.....211320-005
BY GUDERLEY K G
GREENE D E
DDC NUMBER.....AD659743
INSTR...ARL-7071-00-20
PROJECT.....7071

ARL 67-0141U
RESEARCH TRIANGLE INSTITUTE
RESEARCH IN SEQUENTIAL FACTORIAL DESIGNS FINAL REPORT JULY 1967
OAR ACCESS NO.....210730-002
BY ADDELMAN S
DDC NUMBER.....AD660570
INSTR...AF-33/615/03607
PROJECT/TASK.....7071/00

ARL 67-0142U
DARTMOUTH COLLEGE
ELECTRICAL CONDUCTION FROM A LAMINAR ARC HEATED FLOW TO A COOLED CYLINDRICAL ANODE FINAL REPORT JULY 1967
OAR ACCESS NO.....207640-002
BY NUNSTADLER P W JR
DDC NUMBER.....AD660871
INSTR...AF-33/657/08179
PROJECT/TASK.....7063/00

ARL 67-0143V
AEROSPACE RESEARCH LABORATORIES
EFFECT OF STRESS ON CDS SINGLE CRYSTALS
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OAR ACCESS NO.....210550-006
BY KULP B A
GALE K A
DDC NUMBER.....AD661882
INSTR...ARL-7885-00-01
PROJECT.....7885

ARL 67-0144W
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CONTRIBUTION TO THE MN-O PHASE DIAGRAM AT HIGH TEMPERATURE
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OAR ACCESS NO.....209290-003
BY HED A Z
TANNHAUSER D S
DDC NUMBER.....AD661928
INSTR...AF-61/052/00828
PROJECT.....7021

ARL 67-0145V
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DIFFERENCES OF MEANS
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OAR ACCESS NO.....210320-007
BY SHISHA O
MOND B
DDC NUMBER.....AD661383
INSTR...ARL-7071-00-15
PROJECT.....7071

ARL 67-0146V
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EDGE EMISSION AND MAGNETO-OPTICAL EFFECTS IN CDSE
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OAR ACCESS NO.....210580-004
BY REYNOLDS D C
LITTON C W
COLLINS T C
DDC NUMBER.....AD661884
INSTR...ARL-7885-00-04
PROJECT.....7885

ARL 67-0147U
SYSTEMS RESEARCH LABORATORIES INC
RELATIONS BETWEEN POINT DEFECTS IN THE COMPOUND MX
JULY 1967
OAR ACCESS NO.....209180-004
BY TALLAN N M
GRAHAM H C
VEST R W
TRIPP W C
DDC NUMBER.....AD659752
INSTR...AF-33/657/10815
PROJECT/TASK.....7021/0

ARL 67-0148U
NEW YORK UNIVERSITY
A FACILITY FOR HYPERSONIC FLOW SIMULATION OVER BLUNT-NOSED BODIES
JULY 1967
OAR ACCESS NO.....209251-001
BY MAK W
ZAKKAY V
DDC NUMBER.....AD660574
INSTR...AF-33/615/03236
PROJECT/TASK.....7065/00

ARL 67-0149U
CLEVITE CORPORATION
RESEARCH ON IMPROVED II-VI CRYSTALS
JULY 1967
OAR ACCESS NO.....208982-001
BY SHIOZAWA L R
JOST J M
DDC NUMBER.....AD660876
INSTR...AF-33/615/02708
PROJECT/TASK.....7885/00

ARL 67-0150U
AERONAUTICAL RESEARCH ASSOCIATES OF PRINCETON INC
THE KINETIC THEORY OF A PLASMA IN THE PRESENCE OF STRONG MAGNETIC FIELD I GENERAL THEORY
JULY 1967
OAR ACCESS NO.....209280-003
BY RADIN S
KRITZ A H
SANDRI G
DDC NUMBER.....AD658469
INSTR...AF-33/615/01810
PROJECT.....7073

ARL 67-0151U
GENERAL DYNAMICS CORPORATION
NUMERICAL CALCULATION OF THE LOW REYNOLDS NUMBER FLOW OVER A BLUNT WEDGE WITH REARWARD FACING STEP FINAL REPORT
JULY 1967
OAR ACCESS NO.....210720-001
BY FREUDIGER F S
GALLAHER W H
THOMMEN H U
DDC NUMBER.....AD660878
INSTR...AF-33/615/03980
PROJECT/TASK.....7064/0

ARL 67-0152V
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OAR ACCESS NO.....209730-010
BY ABRAMSON F P
FUTRELL J H
DDC NUMBER.....AD661832
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 67-0153V
AEROSPACE RESEARCH LABORATORIES
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OAR ACCESS NO.....209640-007
BY HAAS T W
JACKSON A G
HOOKER M P
DDC NUMBER.....AD657064
INSTR...ARL-7023-00-01
PROJECT.....7023

ARL 67-0154V
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DEVELOPMENT OF A FACILITY FOR SUPERSONIC COMBUSTION SIMULATION
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PRESENTED AT AIAA AERODYNAMIC TESTING CONF.
OAR ACCESS NO.....210900-001
BY SCAGGS N E
DUNN R G
DDC NUMBER.....AD660748
INSTR...ARL-7065-00-16
PROJECT.....7065

ARL 67-0155W
UNIVERSITY OF LOUVAIN
EXPERIMENTAL STUDY OF CHEMI-IONIZATION
OAR ACCESS NO.....208181-002
BY VAN TIGGELEN A
DE JAEGERE S
DDC NUMBER.....AD656343
INSTR...AF-EOAR-0082-65
PROJECT.....7023

ARL 67-0156U
UNIVERSITY CATHOLIQUE DE LOUVAIN
IDENTITY OF IONS CREATED BY ELECTRON IMPACT IN FLAMES
COMBUSTION AND FLAME, VOL. 11, NO.3, JUNE 1967.
OAR ACCESS NO.....208180-002
BY FEUGIER A
VAN TIGGELEN A
DDC NUMBER.....AD660750
INSTR...AF-61/052/00398
PROJECT.....7023

ARL 67-0157U
NORTHWESTERN UNIVERSITY
EXPERIMENTAL MEASUREMENT OF THE EMISSION AND ABSORPTION OF RADIATION BY AN ARGON PLASMA
JULY 1967
OAR ACCESS NO.....207530-008
BY EVANS D L
TANKIN R S
INSTR...AF-33/615/01180
PROJECT/TASK.....7063/00

ARL 67-0158U
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THE KINETIC THEORY OF A PLASMA IN THE PRESENCE OF STRONG MAGNETIC FIELDS II LOWEST ORDER CORRECTIONS
JULY 1967
OAR ACCESS NO.....209280-004
BY RADIN S
KRITZ A H
SANDRI G
DDC NUMBER.....AD659745
INSTR...AF-33/615/01810
PROJECT/TASK.....7073/0

ARL 67-0159V
STAUFFER CHEMICAL COMPANY
RESEARCH IN SYNTHESIS AND CHARACTERIZATION OF HIGHLY ARYLATED ORGANOSILICON COMPOUNDS FINAL REPORT JULY 1967

BY PANDE K C
HART S M
ESELL J R
JUDENNOOS S R
SMITH D C

OAR ACCESS NO.....200083-001
DOC NUMBER.....AD663240
INSTR...AF-33/615/03245
PROJECT/TASK.....7083/00

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USE OF A MICROTHERMOBALANCE IN DETERMINING THE DEFECT STRUCTURE OF METAL OXIDES
VACUUM MICROBALANCE TECHNIQUES, VOL. 6, PP. 107-127, 1967

BY TRIPP W C
VEST R W
GRAHAM M C

OAR ACCESS NO.....209160-007
DOC NUMBER.....AD660757
INSTR...AF-33/657/10815
PROJECT.....7021

ARL 67-0161V
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BY LEE D A
TAN H S

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DOC NUMBER.....AD661897
INSTR...ARL-7071-00-21
PROJECT.....7071

ARL 67-0162V
AEROSPACE RESEARCH LABORATORIES
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TRANSACTIONS OF THE METALLURGICAL SOC. OF AIME, VOL. 236, PP. 1813-1815, NOVEMBER 1966.

BY ADAIR A M

OAR ACCESS NO.....209930-007
DOC NUMBER.....AD660753
INSTR...ARL-7021-00-02
PROJECT.....7021

ARL 67-0163V
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THE STANDARD FREE ENERGY OF FORMATION OF CUPROUS OXIDE
TRANSACTIONS OF THE METALLURGICAL SOC. OF AIME, VOL. 239, PP. 593-598, APRIL 1967.

BY RIZZO P E
BIDWELL L R
FRANK D F

OAR ACCESS NO.....209960-004
DOC NUMBER.....AD660784
INSTR...ARL-7021-00-05
PROJECT.....7021

ARL 67-0164W
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APPARATUS FOR GUARDED POLARIZATION MEASUREMENTS
REVIEW OF SCIENTIFIC INSTRUMENTS, VOL. 38, NO. 5, 661-664, MAY 1967.

BY VEST R W
GRAHAM M C

OAR ACCESS NO.....209160-006
DOC NUMBER.....AD660757
INSTR...AF-33/657/10815
PROJECT.....7021

ARL 67-0165
AEROSPACE RESEARCH LABORATORIES
APPLICATION OF THE SEQUENTIAL LIGHT AMPLIFIER TO ASTRONOMY AND RELATED PROBLEMS FINAL REPORT AUG 1967

BY GEDEL R K H
HAYSLETT H R
WYLIE I R

OAR ACCESS NO.....210570-007
DOC NUMBER.....AD661864
INSTR...ARL-7085-00-03
PROJECT/TASK.....7085/00

ARL 67-0166T
AEROSPACE RESEARCH LABORATORIES
TABLES FOR THE MOMENTS OF GAMMA ORDER STATISTICS FINAL REPORT AUG 1967

BY GREITER M C
KRISHNAIAH P R

OAR ACCESS NO.....210290-005

INSTR...ARL-7071-00-12
PROJECT/TASK.....7071/00

ARL 67-0167U
UNIVERSIDAD DE BARCELONA
THE CHLOROCARBONS/ ANTHOLOGY I/ FINAL REPORT AUG 1967

BY BALLESTER M
SPIALTER L

OAR ACCESS NO.....208171-003
DOC NUMBER.....AD661099
INSTR...AF-61/052/00749
PROJECT.....7023

ARL 67-0168T
AEROSPACE RESEARCH LABORATORIES
COMPUTER PROGRAMS FOR THE ANALYSIS OF GAMMA-RAY ANGULAR CORRELATION MEASUREMENTS FINAL REPORT AUG 1967

BY HYDER A K JR
WATSON D O

OAR ACCESS NO.....210620-009
DOC NUMBER.....AD664054
INSTR...ARL-7112-00-01
PROJECT.....7112

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AN EXPERIMENTAL INVESTIGATION OF THE EFFECT OF MASS TRANSFER ON A HEOOR INDUCED LAMINAR SEPARATED BOUNDARY LAYER AT MACH 12 FINAL REPORT AUG 1967

BY HALL R G W

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BY RUH R
GARRETT H J

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INSTR...ARL-7021-00-10
PROJECT.....7021

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BY GRAHAM M C
TRIPP W C

OAR ACCESS NO.....209920-008
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PROJECT.....7085

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EXCHANGE POTENTIAL FOR NEARLY FREE ELECTRONS

BY PAYNE M

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DOC NUMBER.....AD661908
INSTR...ARL-7114-00-04
PROJECT.....7114

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BY TALLAN N M
TRIPP W C
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OAR ACCESS NO.....211370-001
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INSTR...AF-33(615)05204
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OAR ACCESS NO.....207900-009
BY SCHINMER B G

INSTR...AF-33(615)01093
PROJECT.....7073

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BY SHIOZAWA L H — DDC NUMBER.....AD661557
SULLIVAN G A — INSTR...AF-33(615)05224
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BY POIRIER C P — DDC NUMBER.....AD660768
GRODERICK J L — INSTR...ARL-7116-00-01
TILGER C A — PROJECT.....7116
DELANEY H N

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OAR ACCESS NO.....211360-002
BY GIANNOTTA S P — DDC NUMBER.....AD663214
INSTR...ARL-7063-00-13
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BY BRACKENRIDGE J B — DDC NUMBER.....AD661924
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CLARK H E — INSTR...DD-33(615)05006-66
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KULP B A
DDC NUMBER.....AD661918
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OAR ACCESS NO.....207290-007
BY DAIBER J W
THOMPSON M W
DDC NUMBER.....AD661781
INSTR...AF-33/657/08860
PROJECT.....7065

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OAR ACCESS NO.....207900-006
BY SCRIBNER W G
DDC NUMBER.....AD660171
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BY KRISHNAIAH P R
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DDC NUMBER.....AD660770
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BY WHITE D R
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OAR ACCESS NO.....207760-004
BY LOVE T J
STOCKMAN L W
LEE T C
HUNTER W A
TSAI T W
DDC NUMBER.....AD666627
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PROJECT.....7063

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BY WUERKER R E
INSTR...AF-33/615/01035
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GENE D F
SIEVERS R E
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RICHARDS K J
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TANKIN R S
CAMBEL A B
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PROJECT.....7063

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DDC NUMBER.....AD661995
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BY COUFANT R W
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DDC NUMBER.....AD665868
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BY HALLESTER M
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BY KURKEGI R M
BRIGGS R A
DOC NUMBER.....AD665863
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BY GREENE L C
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BY HENNECKE M J
PANTHURUTHIL J C
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COTHERN, C. R.
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BY LOEFFLER A L JR
MACIULAITIS A
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BY ESPOSITO R M
LOFERSKI J J
FLICKER H
INSTR...AF-33/615/02310
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BY EMELEUS K G
WOOLSEY G A
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BY HALKANSKI M
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BY REEBER R R
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BY OTTE H M
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PREPARATION OF THIN SECTIONS BY ION BOMBARDMENT FOR TRANSMISSION ELECTRON MICROSCOPY
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BY HEATHER W W
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BY ANDERSON W J
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BY HARLOW R E
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OAR ACCESS NO.....210320-018
BY SHISHA O
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BY BAUDER U
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BY MONTERDE-GARCIA A
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ARL 67-0264W
UNIVERSITY OF ILLINOIS
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OAR ACCESS NO.....210870-001
BY CHERRINGTON B E
VERDEYEN J T
DDC NUMBER.....AD665572
INSTR...AF-33/615/05248
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OSCILLATIONS OF ELECTRIC ARCS IN ARGON CROSS-FLOW
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BY BENENSON D
NAEHER C M
GIDEON J B
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BY KLEINSTEIN G
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LATTICE DYNAMICS OF WURTZITE/CDS
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BY NUSIMOVICI M A
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VISCOUS HYPERSONIC FLOW OVER POINTED CONES AT LOW REYNOLDS NUMBERS
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OAR ACCESS NO.....207401-003
BY WALDRON H F
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OAR ACCESS NO.....210590-004
BY GREENE L C
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OAR ACCESS NO.....210570-015
BY GEBEL R K M
DUKE G L
WESTWEHOT H R
INSTR...ARL-7085-00-03
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ARL 67-0271T
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OAR ACCESS NO.....211150-008
BY MORRISON M E
SCHELLER K
DDC NUMBER.....AD386762-
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PROJECT.....7023

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OAR ACCESS NO.....209900-010
BY HALL K C W
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DDC NUMBER.....AD666593
INSTR...AF-33/615/02215
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ARL 67-0275U
BROWN UNIVERSITY
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OAR ACCESS NO.....207682-002
BY PETERKA J A
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DDC NUMBER.....AD666633
INSTR...F33615-67-C-1754
PROJECT.....7063

ARL 67-0276U
UNIVERSITY OF MICHIGAN
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OAR ACCESS NO.....207261-002
BY GEISTER D E
DDC NUMBER.....AD665825
INSTR...AF-33/615/01326
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ARL 67-0277U
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OAR ACCESS NO.....209520-021
BY BAIR G
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INSTR...AF-33/615/02272
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ARL 67-0278U
UNIVERSITY OF TORONTO
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OAR ACCESS NO.....207201-007
BY WATSON J D
DDC NUMBER.....AD668223
INSTR...AF-33/615/02766
PROJECT.....7065

ARL 67-0279T
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OAR ACCESS NO.....210360-003
BY BIRKELAND J W
OSS J P
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PROJECT.....7073

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OAR ACCESS NO.....209810-001
BY BOEDEKER L H
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INSTR...AF-33/615/02790
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OAR ACCESS NO.....210610-001
BY NASTELIN H E
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INSTR...AF-33/615/03253
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ARL 67-0283U
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OAR ACCESS NO.....207191-006
BY COPELAND A H
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INSTR...AF-33/615/01470
PROJECT.....7065

ARL 67-0284U
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BAND PARAMETERS DETERMINATION FROM FARADAY ROTATION MEASUREMENTS
OAR ACCESS NO.....209091-003
BY BALKANSKI M
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ARL 67-0285U
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BAND STRUCTURE AND DISPERSION RELATIONS IN II-VI COMPOUNDS
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DOC NUMBER.....AD664581
INSTR...AF-61/052/00757
PROJECT.....7885

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BY MCKENNA W W
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PROJECT.....7065

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BY GOLDSTEIN M E
YANG W
CLARK J A
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OAR ACCESS NO.....207690-001
BY GOLDSTEIN M E
YANG W
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PROJECT.....7063

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BY WOM J
DOC NUMBER.....AD665922
INSTR...AF-61/052/00576
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ARL 67-0290W
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OAR ACCESS NO.....207551-008
BY KESTIN J
PENSEN L N
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PROJECT.....7061

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PHENOMENA IN THE CATHODE REGION OF AN MPD ACCELERATOR /AIAA JOURNAL, VOL. 5, NO. 7, PP. 1323-1328 /JULY 1967/ ALSO PRESENTED AT 5TH AEROSPACE SCIENCES, MEETING, AIAA N.Y. / JAN 1967/ AIAA PAPER NO. 67-47
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ARL 67-1000L
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CONCEPTS OF SPACE CHEMISTRY
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OAR ACCESS NO.....209730-025
BY TERRY J O
INSTR...ARL-7023-00-10
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ARL 67-1001L
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IONIC HEATS OF TRANSPORT IN INFINITE DILUTE AQUEOUS SOLUTIONS
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OAR ACCESS NO.....209650-006
BY BIERLEIN J A
INSTR...ARL-7023-00-02
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ARL 67-1002I
AEROSPACE RESEARCH LABORATORIES
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OAR ACCESS NO.....210280-012
BY SIMPSON S
INSTR...ARL-7071-00-11
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ARL 67-1003I
AEROSPACE RESEARCH LABORATORIES
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OAR ACCESS NO.....210280-013
BY HOKSCH O J JR
INSTR...ARL-7071-00-11
PROJECT.....7071

ARL 67-1004I
AEROSPACE RESEARCH LABORATORIES
SIMULTANEOUS LINEAR ESTIMATION OF THE LOCATION AND SCALE PARAMETERS OF THE EXTREME-VALUE DISTRIBUTION USING SELECTED ORDER STATISTICS FROM DOUBLY CENSORED SAMPLES
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OAR ACCESS NO.....210280-014
BY FRALEY W F
INSTR...ARL-7071-00-11
PROJECT.....7071

ARL 67-1005I
AEROSPACE RESEARCH LABORATORIES
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OAR ACCESS NO.....210280-015
BY FLOER G E
INSTR...ARL-7071-00-11
PROJECT.....7071

ARL 67-1006I
AEROSPACE RESEARCH LABORATORIES
A COMPUTER STUDY OF THE ESTIMATED PROPAGATION OF ERRORS IN THE NUMERICAL INTEGRATION OF ORDINARY DIFFERENTIAL EQUATIONS
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OAR ACCESS NO.....211380-002
BY ZANE H C
INSTR...ARL-7071-00-22
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ARL 67-1007I
AEROSPACE RESEARCH LABORATORIES
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OAR ACCESS NO.....211380-003
BY GOUNAUD R L JR
INSTR...ARL-7071-00-22
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ARL 67-1008I
AEROSPACE RESEARCH LABORATORIES
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OAR ACCESS NO.....210230-002
BY BROWN T J
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INSTR...ARL-7071-00-06
PROJECT.....7071

ARL 67-1009I
AEROSPACE RESEARCH LABORATORIES
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OAR ACCESS NO.....211340-004
BY STEINBERG I R
INSTR...ARL-7071-00-22
PROJECT.....7071

ARL 67-1010J
UNIVERSITY OF DAYTON
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OAR ACCESS NO.....211020-001
BY FRISILLO AL JR
INSTR...F33615-67-C-1027
PROJECT.....7885

ARL 67-1011J
UNIVERSITY OF DAYTON
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OAR ACCESS NO.....211020-008
BY FITZPATRICK D E
INSTR...F33615-67-C-1027
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ARL 67-1012J
UNIVERSITY OF DAYTON
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BY ROEDERSHEIMER R J
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U S A F INSTITUTE OF TECHNOLOGY
ULTRAVIOLET REFLECTIVITY STUDIES OF CDS/SE SINGLE CRYSTAL
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OAR ACCESS NO.....210580-006
BY FRAIME C R
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ARL 67-1014I
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OAR ACCESS NO.....209700-023
BY SPRINGER C S
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OAR ACCESS NO.....209660-006
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OAR ACCESS NO.....209730-026
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INSTR...ARL-7023-00-10
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OAR ACCESS NO.....208220-002
BY BRADLEY M P T
INSTR...AF-61/052/00663
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INSTR...ARL-7071-00-11
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OAR ACCESS NO.....210280-017
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OAR ACCESS NO.....210272-003
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INSTR...ARL-7071-00-10
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OAR ACCESS NO.....210272-004
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OAR ACCESS NO.....210290-011
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INSTR...ARL-7071-00-12
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OAR ACCESS NO.....210290-014
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INSTR...ARL-7071-00-12
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OAR ACCESS NO.....210320-011
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OAR ACCESS NO.....210280-018
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INSTR...ARL-7071-00-11
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OAR ACCESS NO.....209700-024
BY SPRINGER C S JR
INSTR...ARL-7023-00-07
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PRESENTED AT UNIVERSITY OF MARYLAND, DEPARTMENT OF CHEMISTRY, COLLEGE PARK, MARYLAND, 5 DECEMBER 1967
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INSTR...ARL-7023-00-07
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OAR ACCESS NO.....211350-004
BY SCHWANECG M G
INSTR...ARL-7063-00-12
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INSTR...ARL-7114-00-03
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INSTR...ARL-7114-00-01
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OAR ACCESS NO.....210160-004
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INSTR...AHL-7065-00-14
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OAR ACCESS NO.....209910-002
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OAR ACCESS NO.....209910-003
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INSTR...ARL-7064-00-07
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STEWARTSON IS A PROFESSOR AT UNIVERSITY COLLEGE, LONDON,
ENGLAND /VISITING AT CSU/.
OAR ACCESS NO.....209520-048
BY STEWARTSON K
INSTR...AF-33/615/02272
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INSTR...ARL-7064-00-07
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OAR ACCESS NO.....209M90-007
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PRESENTED AT 1967 INTERSOCIETY ENERGY CONVERSION ENGINEERING CONFERENCE, MIAMI BEACH, FLA. 13-17 AUGUST 1967. PP 473-483
OAR ACCESS NO.....210920-002
BY DECAIRE J A
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INSTR...ARL-7116-00-01
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OAR ACCESS NO.....211380-002
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PAPER/ FIFTH AEROSPACE SCIENCES MEETING, AIAA, NEW YORK, /JANUARY 1967/.
OAR ACCESS NO.....211380-003
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INSTR...ARL-7063-00-15
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OAR ACCESS NO.....210930-001
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OAR ACCESS NO.....211370-003
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INSTR...ARL-7063-00-14
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ASME PAPER 67-PWR-11. INVITED FOR PRESENTATION AT ASME-IEEE JOINT POWER GENERATION CONFERENCE, DETROIT, MICHIGAN, 24-28 SEPTEMBER 1967
OAR ACCESS NO.....210520-003
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INSTR...ARL-7116-00-01
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OAR ACCESS NO.....210520-004
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INSTR...ARL-7116-00-01
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OAR ACCESS NO.....210520-005
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OAR ACCESS NO.....210580-007
BY DEWITT J S
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INSTR...ARL-7085-00-04
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OAR ACCESS NO.....209880-008
BY HANKEY W L
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OAR ACCESS NO.....210580-008
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AEROSPACE RESEARCH LABORATORIES
SPIN-ORBIT SPLITTING OF THE GAMMA-POINT VALENCE BANDS OF HEXAGONAL CDS, CDSE, ZNS, AND ZNSE
PHYS. INTERNATIONAL CONF ON II-VI SEMICONDUCTING COMPOUNDS/ PUB. PROCEEDINGS OF CONF., NOVEMBER 1967. BROWN UNIV.
OAR ACCESS NO.....210580-010
BY COLLINS T C
EUMEMA R N
DEWITT J S
INSTR...ARL-7085-00-04
PROJECT.....7085

ARL 67-1085A
AEROSPACE RESEARCH LABORATORIES
A STUDY OF BASIC FACTORS GOVERNING THE DETECTION LIMIT IN ASTRONOMICAL IMAGING
SYMPOSIUM /PHOTON-DETECTORS/, IMEKO-IV, WARSZAWA 3-8-VII-1967
OAR ACCESS NO.....210570-009
BY GOBEL W K H
INSTR...ARL-7085-00-03
PROJECT.....7085

ARL 67-1086B
CORNELL AERONAUTICAL LABS INC
PITOT-PROBE MEASUREMENTS OF DROP SIZES
AFRPL TWO-PHASE FLOW CONFERENCE SAN BERNADINO, CALIF.
OAR ACCESS NO.....20_910-008
BY MERRITT G E
INSTR...AF-33(657)-08302
PROJECT.....7116

ARL 67-10879
CORNELL AERONAUTICAL LABS INC
AN EXPERIMENT CONCERNING THE EVAPORATION AND CONDENSATION OF PLATINUM AT HIGH TEMPERATURES
AFAPL TWO PHASE FLOW CONFERENCE SAN BERNARDINO, CALIF.
OAR ACCESS NO.....208910-003
BY FALK T J
INSTR...AF-33(657)08302
PROJECT.....7116

ARL 67-10880
NATIONAL BUREAU OF STANDARDS
ADSORPTION ON SINGLE CRYSTAL PLANES
PRESENTED AT AMERICAN PHYSICAL SOCIETY MEETING, JANUARY 1967
OAR ACCESS NO.....210870-002
BY YOUNG R D
INSTR...DO-33(615)05006-66
PROJECT.....7023

ARL 67-10898
TRW, INCORPORATED
LOW-LYING EXCITED TRIPLET STATES AND INTERSYSTEM CROSSING IN AROMATIC HYDROCARBONS
PRESENTED AT INTERNATIONAL SYMPOSIUM ON TRIPLET STATE AT AMERICAN UNIVERSITY, BEIRUT, LEBANON, 14-19 FEB 67
OAR ACCESS NO.....210950-001
BY WINDSOR M W
INSTR...AF-33(615)05331
PROJECT.....7023

ARL 67-10908
GENERAL ELECTRIC RESEARCH & DEVELOPMENT CENTER
DENSITY INDUCTION TIMES IN VERY LEAN MIXTURES OF DSU02, MSU02, CSU2MSU2, AND CSU02MSUMe4 WITH OSU02
PRESENTED AT ELEVENTH SYMPOSIUM /INTERNATIONAL/ ON COMBUSTION, UNIVERSITY OF CALIFORNIA, BERKELEY, CALIFORNIA,
OAR ACCESS NO.....208021-002
BY WHITE D R
INSTR...AF-33(615)05274
PROJECT.....7023

ARL 67-10910
UNIVERSITY OF GOTTINGEN
STUDIES OF UNIMOLECULAR REACTIONS OF TRIATOMIC MOLECULES
PRESENTED AT ELEVENTH SYMPOSIUM /INTERNATIONAL/ ON COMBUSTION, UNIVERSITY OF CALIFORNIA, BERKELEY, CALIFORNIA, 14-20 AUG 67
OAR ACCESS NO.....207913-001
BY OLSCHEWSKI H A
TROE J
WAGNER H G
INSTR...AF-61(052)00946
PROJECT.....7023

ARL 67-10928
SYSTEMS RESEARCH LABORATORIES INC
GROWTH OF ALUMINUM ON TA/110/
PRESENTED AT AVIONICS LABORATORY, WRIGHT-PATTERSON AFB, OHIO
OAR ACCESS NO.....207891-001
BY JACKSON A G
INSTR...F33615-67-C-1041
PROJECT.....7023

ARL 67-10938
UNIVERSIDAD DE BARCELONA
CLORUROS DE CARBONO AROMATICOS MACROMOLECULARES
PRESENTED AT XIII REUNION BIENAL DE LA REAL SOCIEDAD ESPANOLA DE FISICA Y QUIMICA, PAMPLONA AND SAN SEBASTIAN, SPAIN, 25 JUNE - 1 JULY 67.
OAR ACCESS NO.....208171-004
BY BALLESTER M
CASTANER J
RIERA J
PARES J
INSTR...AF-61(052)00749
PROJECT.....7023

ARL 67-10948
UNIVERSIDAD DE BARCELONA
SINTESIS Y PROPIEDADES DE DERIVADOS FUERTEMENTE CLORADOS Y PERCLORADOS DEL DIFENILMETANO
PRESENTED AT XIII REUNION BIENAL DE LA REAL SOCIEDAD ESPANOLA DE FISICA Y QUIMICA, PAMPLONA AND SAN SEBASTIAN, SPAIN, 25 JUNE - 1 JULY 67
OAR ACCESS NO.....208171-005
BY BALLESTER M
CASTANER J
RIERA J
INSTR...AF-61(052)00749
PROJECT.....7023

ARL 67-10958
UNIVERSIDAD DE BARCELONA
MONO Y BIRRADICALES LIBRES INERTES PERCLORADOS DE LA SERIE DEL TRIFENILMETANO
PRESENTED AT XIII REUNION BIENAL DE LA REAL SOCIEDAD ESPANOLA DE FISICA Y QUIMICA, PAMPLONA AND SAN SEBASTIAN, SPAIN, 25 JUNE - 1 JULY 67
OAR ACCESS NO.....208171-006
BY BALLESTER M
CASTANER J
RIERA J
BADIA C
MUNSO J M
INSTR...AF-61(052)00749
PROJECT.....7023

ARL 67-10968
UNIVERSIDAD DE BARCELONA
RADICALES LIBRES INERTES PERCLORADOS DE LA SERIE DEL DIFENILMETANO
PRESENTED AT XIII REUNION BIENAL DE LA REAL SOCIEDAD ESPANOLA DE FISICA Y QUIMICA, PAMPLONA AND SAN SEBASTIAN, SPAIN, 25 JUNE - 1 JULY 67.
OAR ACCESS NO.....208171-007
BY BALLESTER M
CASTANER J
RIERA J
MUNSO J M
INSTR...AF-61(052)00749
PROJECT.....7023

ARL 67-10978
CHEMISTRY RESEARCH LABORATORY
MODERN TECHNIQUES IN ENERGY TRANSFER
PRESENTED AT AMERICAN CHEMICAL SOCIETY MEETING, MIAMI, FLORIDA, APR 67.
OAR ACCESS NO.....209660-007
BY WILKINSON P
INSTR...ARL-7023-00-03
PROJECT.....7023

ARL 67-10988
AEROSPACE RESEARCH LABORATORIES
RESEARCH ACTIVITIES AT THE SULPHUR GROVE OBSERVATORY, 1965-1967
WORKING GROUP I, CUSPAR, IMPERIAL COLLEGE, LONDON, 25 JUL 67
OAR ACCESS NO.....210480-007
BY KISSELL K E
INSTR...ARL-7114-00-03
PROJECT.....7114

ARL 67-10998
AEROSPACE RESEARCH LABORATORIES
OPTICAL SPACE OBJECT IDENTIFICATION
SECOND SPACE SYSTEMS SURVIVABILITY WORKSHOP, AEROSPACE COR. 6-8JUN67
OAR ACCESS NO.....210480-008
BY KISSELL K E
INSTR...ARL-7114-00-03
PROJECT.....7114

ARL 67-11008
AEROSPACE RESEARCH LABORATORIES
INVARIANT CALCULATION OF SOME TOTAL PROPERTIES OF ASYMPTOTICALLY FLAT SPACE TIME
PRESENTED N. Y. APS MTG, JAN 67
OAR ACCESS NO.....210500-003
BY WINICOUR J
INSTR...ARL-7114-00-07
PROJECT.....7114

ARL 67-11018
AEROSPACE RESEARCH LABORATORIES
A GASEOUS SYSTEM OF HIGH LUMINOUS EFFICIENCY
PRESENTED AT 1967 SPRING MEETING OF THE WESTERN STATES SECTION OF THE COMBUSTION INSTITUTE, LAJOLLA, CALIFORNIA, 24-25 APR 67.
OAR ACCESS NO.....211150-004
BY TISCHER R L
SCHELLER K
INSTR...ARL-7023-00-11
PROJECT.....7023

ARL 67-11028
AEROSPACE RESEARCH LABORATORIES
CHEMICAL IONIZATION MASS SPECTROMETRY, I. THE ISOMERIC HEXANES
PRESENTED AT PACIFIC CONFERENCE ON CHEMISTRY AND SPECTROSCOPY, ANAHEIM, CALIFORNIA, 31 OCT 67.
OAR ACCESS NO.....209730-027
BY TIERNAN T O
FUTRELL J H
HUGHES D M
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 67-11038
AEROSPACE RESEARCH LABORATORIES
A MECHANISTIC INTERPRETATION OF CHEMICAL IONIZATION MASS SPECTROMETRY
PRESENTED AT INTERNATIONAL MASS SPECTROMETRY CONFERENCE, BERLIN, GERMANY, 27 SEP 67.
OAR ACCESS NO.....209730-028
BY TIERNAN T O
FUTRELL J H
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 67-11048
AEROSPACE RESEARCH LABORATORIES
INTERMEDIATE COLLISION COMPLEXES IN ION-MOLECULE REACTIONS IN UNSATURATED HYDROCARBONS
PRESENTED AT LABORATOIRE DE CHIMIE PHYSIQUE, FACULTE DES SCIENCES, ORSAY, FRANCE, 20 SEP 67.
OAR ACCESS NO.....209730-029
BY TIERNAN T O
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 67-1105A
AEROSPACE RESEARCH LABORATORIES
ION-MOLECULE REACTIONS IN SELECTED CHLOROCARBON COMPOUNDS
PRESENTED AT PHYSICAL CHEMISTRY COLLOQUIUM, UNIVERSITY OF SHEFFIELD, SHEFFIELD, ENGLAND, 3 OCT 67.
OAR ACCESS NO.....209730-030

BY TIERNAN T O
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 67-1106A
CHEMISTRY RESEARCH LABORATORY
IONIC POLYMERIZATION IN METHYL, ETHYL AND VINYL CHLORIDES
PRESENTED AT FIFTH MILLER CONFERENCE FOR RADIATION CHEMISTRY, KAZIMIERZ, POLAND, 14 SEP 67.
OAR ACCESS NO.....209730-031

BY TIERNAN T O
HUGHES D M
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 67-1107A
AEROSPACE RESEARCH LABORATORIES
DEVELOPMENT OF A HIGH PRESSURE TIME-OF-FLIGHT MASS SPECTROMETER FOR ION MOLECULE REACTION STUDIES
PRESENTED AT ASTM E-14 MEETING, DENVER, COLORADO, 14-19 MAY 67.
OAR ACCESS NO.....209730-032

BY TIERNAN T O
ADAMSON F P
MILLER C O
PUTNELL J M
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 67-1108A
AEROSPACE RESEARCH LABORATORIES
ION-MOLECULE REACTIONS IN ETHYLENE
PRESENTED AT 15TH ANNUAL MEETING, RADIATION RESEARCH SOCIETY, SAN JUAN, PUERTO RICO, MAY 67.
OAR ACCESS NO.....209730-033

BY TIERNAN T O
PUTNELL J M
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 67-1109A
AEROSPACE RESEARCH LABORATORIES
CLASSES OF SILICON SUBOXIDES
PRESENTED AT INTERNATIONAL SYMPOSIUM ON DECOMPOSITION OF ORGANOMETALLIC COMPOUNDS TO REFRACTORY CERAMICS, METALS AND METAL ALLOYS, AIR FORCE MATERIALS LABORATORY, SHERATON-DAYTON, HOTEL, DAYTON, OHIO, 29 NOV 67.
OAR ACCESS NO.....209720-013

BY SPIALTER L
SMITH J S II
INSTR...ARL-7023-00-09
PROJECT.....7023

ARL 67-1110A
AEROSPACE RESEARCH LABORATORIES
ATTITUDES AND APPROACHES TO RESEARCH
PRESENTED AT CARROLL HIGH SCHOOL, SCIENCE PROGRAM, DAYTON, OHIO, 30 SEP 67.
OAR ACCESS NO.....209730-034

BY TERRY J O
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 67-1111A
AEROSPACE RESEARCH LABORATORIES
DISPROPORTIONATION TO COMBINATION RATIOS OF SIMPLE ALKYL RADICALS/ METHYL, ETHYL, N-PROPYL, ISOPROPYL, ISOBUTYL AND TERT BUTYL
PRESENTED AT AMERICAN CHEMICAL SOCIETY MEETING, CHICAGO, ILLINOIS, SEPT 67.
OAR ACCESS NO.....209730-035

BY TERRY J O
PUTNELL J M
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 67-1112A
AEROSPACE RESEARCH LABORATORIES
PHOTOCHEMISTRY OF AZO COMPOUNDS
PRESENTED AT OHIO STATE UNIVERSITY, COLUMBUS, OHIO, 31 JAN 67.
OAR ACCESS NO.....209730-036

BY TERRY J O
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 67-1113A
AEROSPACE RESEARCH LABORATORIES
THE RARE EARTH COMPLEXES OF HEPTAFLUORO-OCTANEDIONE
PRESENTED AT WRIGHT STATE UNIVERSITY, DAYTON, OHIO, 29 NOV 67.
OAR ACCESS NO.....209700-026

BY SPRINGER C S JR
INSTR...ARL-7023-00-07
PROJECT.....7023

ARL 67-1114A
AEROSPACE RESEARCH LABORATORIES
THE ATOM-CONNECTIVITY MATRIX /ACM/ AS A MATHEMATICAL ANALOG OF CHEMISTRY
PRESENTED AT WRIGHT STATE UNIVERSITY, DAYTON, OHIO, 18 OCT 67.
OAR ACCESS NO.....209720-014

BY SPIALTER L
INSTR...ARL-7023-00-09
PROJECT.....7023

ARL 67-1115A
AEROSPACE RESEARCH LABORATORIES
PERCHLOROCARBON CHEMISTRY
PRESENTED AT NATIONAL MAGNET LABORATORY, MASSACHUSETTS INSTITUTE OF TECHNOLOGY, CAMBRIDGE, MASS., 26 JUNE 1967.
OAR ACCESS NO.....209720-015

BY SPIALTER L
INSTR...ARL-7023-00-09
PROJECT.....7023

ARL 67-1116A
AEROSPACE RESEARCH LABORATORIES
THE ATOM CONNECTIVITY MATRIX
PRESENTED AT AIR FORCE CAMBRIDGE RESEARCH LABORATORIES, BEDFORD, MASSACHUSETTS, 19 JUNE 1967.
OAR ACCESS NO.....209720-016

BY SPIALTER L
INSTR...ARL-7023-00-09
PROJECT.....7023

ARL 67-1117A
AEROSPACE RESEARCH LABORATORIES
AN AZO-HYDRAZONE TAUTOMERISM AND AZOALKANE SYNTHESIS
PRESENTED AT AMERICAN CHEMICAL SOCIETY MEETING, MIAMI, FLORIDA, APR 67.
OAR ACCESS NO.....209720-017

BY SPIALTER L
UNTEREINER G L
INSTR...ARL-7023-00-09
PROJECT.....7023

ARL 67-1118A
AEROSPACE RESEARCH LABORATORIES
ALKAROMATIC CHLOROCARBONS
PRESENTED AT SECOND RESEARCH APPLICATIONS CONFERENCE, OAR, ARLINGTON, VIRGINIA, 16 MAR 67.
OAR ACCESS NO.....209720-018

BY SPIALTER L
INSTR...ARL-7023-00-09
PROJECT.....7023

ARL 67-1119A
AEROSPACE RESEARCH LABORATORIES
VOLATILE RARE EARTH, ZIRCONIUM AND HAFNIUM CHELATES OF BETA -DIKETONES
PRESENTED AT INTERNATIONAL SYMPOSIUM ON REFRACTORY MATERIALS, DAYTON, OHIO, NOV 67.
OAR ACCESS NO.....209700-027

BY SIEVERS R E
INSTR...ARL-7023-00-07
PROJECT.....7023

ARL 67-1120A
AEROSPACE RESEARCH LABORATORIES
VAPOR PRESSURES, HEATS OF VAPORIZATION, AND HEATS OF SUBLIMATION OF VOLATILE LANTHANIDE CHELATES
PRESENTED AT 10TH INTERNATIONAL CONFERENCE ON COORDINATION CHEMISTRY, NIKKO, JAPAN, SEP 67.
OAR ACCESS NO.....209700-028

BY SIEVERS R E
SIEGE J E
DUBOIS J T
EISENTRAUT R E
INSTR...ARL-7023-00-07
PROJECT.....7023

ARL 67-1121A
AEROSPACE RESEARCH LABORATORIES
GAS CHROMATOGRAPHY AND NUCLEAR MAGNETIC RESONANCE STUDIES OF SOME METAL CHELATES
PRESENTED AT UNIVERSITY OF WASHINGTON, SEATTLE, WASHINGTON, MAY 67.
OAR ACCESS NO.....209700-029

BY SIEVERS R E
INSTR...ARL-7023-00-07
PROJECT.....7023

ARL 67-1122A
AEROSPACE RESEARCH LABORATORIES
GAS CHROMATOGRAPHY OF METAL CHELATES OF HEPTAFLUORODIMETHYLOCTANEDIONE
PRESENTED AT 6TH INTERNATIONAL SYMPOSIUM ON GAS CHROMATOGRAPHY, NEW YORK, APR 67.
OAR ACCESS NO.....209700-030

BY SIEVERS R E
CONNOLLY J W
HOSS W D
INSTR...ARL-7023-00-07
PROJECT.....7023

ARL 67-1123A
AEROSPACE RESEARCH LABORATORIES
RAPID AND ULTRA-SENSITIVE METAL ANALYSIS BY NEW GAS CHROMATOGRAPHIC TECHNIQUES
PRESENTED AT GAS CHROMATOGRAPHY DISCUSSION GROUP, WASHINGTON, D. C., 10-20 APR 67.
OAR ACCESS NO.....209700-031
BY SIEVERS R E
INSTR...ARL-7023-00-07
PROJECT.....7023

ARL 67-1124A
AEROSPACE RESEARCH LABORATORIES
INITIATION OF DETONATION BY INCIDENT SHOCK WAVES IN HYDROGEN-OXYGEN-ARGON MIXTURES
PRESENTED AT AMERICAN CHEMICAL SOCIETY MEETING, CHICAGO, ILLINOIS, SEPT 67.
OAR ACCESS NO.....211180-008
BY SCHELLER K
SKINNER G B
MUELLER C W
GNEMM U
INSTR...ARL-7023-00-11
PROJECT.....7023

ARL 67-1125A
CHEMISTRY RESEARCH LABORATORY
THE ENHANCEMENT OF SHOCK WAVES BY CHEMICAL REACTIONS
PRESENTED AT AFOSR CONTRACTORS MEETING ON COMBUSTION DYNAMICS, COCOA BEACH, FLORIDA, JUNE 1967.
OAR ACCESS NO.....211180-006
BY MUELLER C W
SCHELLER K
GNEMM U
INSTR...ARL-7023-00-11
PROJECT.....7023

ARL 67-1126A
AEROSPACE RESEARCH LABORATORIES
IONIC POLYMERIZATION IN VINYL CHLORIDE
PRESENTED AT AMERICAN CHEMICAL SOCIETY MEETING, CHICAGO, ILLINOIS, SEP 67.
OAR ACCESS NO.....209730-037
BY HUGHES J M
FUTRELL J H
TIERNAN T O
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 67-1127A
AEROSPACE RESEARCH LABORATORIES
LIQUID FUEL - AIR COMBUSTION I. ADDITION OF METAL COMPOUNDS AS SOLUBLE CHELATES TO LIQUID FUELS. II. SPECTRAL BRIGHTNESS AND EMISSIVITY OF STOICHIOMETRIC VS. RICH JP-6/
PRESENTED AT 1967 SPRING MEETING OF THE WESTERN STATES SECTION OF THE COMBUSTION INSTITUTE, LAJOLLA, CALIFORNIA, 24-25 APR 67.
OAR ACCESS NO.....211180-007
BY MORRISON M E
SCHELLER K
INSTR...ARL-7023-00-11
PROJECT.....7023

ARL 67-1128A
AEROSPACE RESEARCH LABORATORIES
IODINE AS A RADICAL SCAVENGER IN CYCLOPENTANE RADIOLYSIS
PRESENTED AT RADIATION RESEARCH SOCIETY, 15TH ANNUAL MEETING, SAN JUAN, PUERTO RICO, MAY 67.
OAR ACCESS NO.....209730-038
BY HUGHES J M
HANRAHAN R J
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 67-1129A
AEROSPACE RESEARCH LABORATORIES
TRENDS IN CHEMISORBED STRUCTURES ON (110) SURFACES OF BCC REFRACTORY METALS
PRESENTED AT AVIONICS LABORATORY, WRIGHT-PATTERSON AFB, OHIO, MAY 67.
OAR ACCESS NO.....209640-006
BY HAAS T W
INSTR...ARL-7023-00-01
PROJECT.....7023

ARL 67-1130A
AEROSPACE RESEARCH LABORATORIES
REFRACTORY METAL SURFACES
PRESENTED AT JENDER CORPORATION, SOUTHFIELD, MICHIGAN, 15 FEB 67.
OAR ACCESS NO.....209640-009
BY HAAS T W
INSTR...ARL-7023-00-01
PROJECT.....7023

ARL 67-1131A
AEROSPACE RESEARCH LABORATORIES
A MODIFIED TIME-OF-FLIGHT MASS SPECTROMETER FOR HIGH PRESSURE STUDIES OF IONIC REACTIONS
PRESENTED AT NINTH ANNUAL TIME-OF-FLIGHT MASS SPECTROMETRY SYMPOSIUM, CINCINNATI, OHIO, 29 SEP 67.
OAR ACCESS NO.....209730-039
BY FUTRELL J H
TIERNAN T O
ABRAHAMSON E P
MILLER G
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 67-1132A
AEROSPACE RESEARCH LABORATORIES
CHEMICAL IONIZATION MASS SPECTROMETRY OF HYDROCARBONS
PRESENTED AT NINTH ANNUAL TIME-OF-FLIGHT MASS SPECTROMETRY SYMPOSIUM, CINCINNATI, OHIO, 29 SEP 67.
OAR ACCESS NO.....209730-040
BY FUTRELL J H
TIERNAN T O
HUGHES J M
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 67-1133A
AEROSPACE RESEARCH LABORATORIES
ION-MOLECULE REACTIONS IN THE ISOMERIC BUTENES
PRESENTED AT UNIVERSITY OF KANSAS, LAWRENCE, KANSAS, 22 JUNE 1967.
OAR ACCESS NO.....209730-041
BY FUTRELL J H
ABRAHAMSON E P
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 67-1134A
AEROSPACE RESEARCH LABORATORIES
CONSECUTIVE ION-MOLECULE REACTIONS IN REACTIVE SYSTEMS
PRESENTED AT CHEMISTRY SEMINAR, UNIVERSITY OF DETROIT, MICHIGAN, 6 JUNE 1967.
OAR ACCESS NO.....209730-042
BY FUTRELL J H
TIERNAN T O
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 67-1135E
AEROSPACE RESEARCH LABORATORIES
RECURSION FORMULAS FOR POLYNOMIALS IN RATIONAL APPROXIMATIONS TO GENERALIZED HYPERGEOMETRIC FUNCTIONS
REPRINTED FROM PLANCH ANNIVERSARY VOLUME, PP 181-187, FEBRUARY 1967
OAR ACCESS NO.....210110-004
BY LUKE Y L
INSTR...ARL-7071-00-14
PROJECT.....7071

ARL 67-1136E
AEROSPACE RESEARCH LABORATORIES
RADIATION CHEMISTRY OF PROPANE
CHAPTER IN CHEMISTRY OF IONIZATION AND EXCITATION, PP 221 / 1967?
OAR ACCESS NO.....209720-019
BY MUNC L I
SIECK L W
FUTRELL J H
INSTR...ARL-7023-00-04
PROJECT.....7023

ARL 67-1137E
AEROSPACE RESEARCH LABORATORIES
VOLATILE RARE EARTH CHELATES OF BETA-DIKETONES
CHAPTER IN ADVANCES IN THE CHEMISTRY OF THE LANTHANIDES AND ACTINIDES, AMERICAN CHEMICAL SOCIETY, WASHINGTON, D. C. /1967?
OAR ACCESS NO.....209700-032
BY SIEVERS R E
EISENTRAUT K J
MEER D W
SPRINGER C S
INSTR...ARL-7023-00-07
PROJECT.....7023

ARL 67-1138D
AEROSPACE RESEARCH LABORATORIES
NARROW BAND LONG RANGE COLOR TELEVISION SYSTEM INCORPORATING COLOR ANALYZER
UNITED STATES PATENT OFFICE, PATENT NO. 3,330,908, 11 JULY 1967
OAR ACCESS NO.....210570-013
BY GOBEL H K M
INSTR...ARL-7085-00-03
PROJECT.....7085

ARL 67-1139D
AEROSPACE RESEARCH LABORATORIES
INTERFERENCE PHOTOCATHODE SENSITIVE TO MULTIPLE BANDS
UNITED STATES PATENT OFFICE, PATENT NO. 3,301,705, 31 JAN 1967
OAR ACCESS NO.....210570-011
BY GOBEL H K M
INSTR...ARL-7085-00-03
PROJECT.....7085

ARL 67-1140J
MARQUETTE UNIVERSITY
ELECTRICAL PROPERTIES OF CERIUM DIOXIDE AND TITANIUM DIOXIDE
MASTERS THESIS
OAR ACCESS NO.....208770-002
BY PENZ P
INSTR...AF-AFOSR-01266
PROJECT.....7021

ARL 67-11612
MARQUETTE UNIVERSITY
INVESTIGATION OF THE LOW TEMPERATURE TIME DEPENDENCE OF THE ELECTRICAL CONDUCTIVITY OF RUTILE
MASTERS THESIS
DAR ACCESS NO.....208270-003
BY MINKOFF G M
INSTR...AF-33(615)-01248
PROJECT.....7021

ARL 67-11613
MARQUETTE UNIVERSITY
ELECTRICAL STUDY OF THE THERMODYNAMIC PROPERTIES OF NON-STOICHIOMETRIC RUTILE
MASTERS THESIS
DAR ACCESS NO.....208270-004
BY LOW G R
INSTR...AF-33(615)-01248
PROJECT.....7021

ARL 67-11613
MARQUETTE UNIVERSITY
TIME DEPENDENCE OF THE CONCENTRATION OF INTERSTITIAL ELECTRONS IN REDUCED RUTILE (TITANIUM DIOXIDE)
MASTERS THESIS
DAR ACCESS NO.....208270-005
BY KING J G
INSTR...AF-33(615)-01248
PROJECT.....7021

ARL 67-11614
[illegible] UNIVERSITY
HEAT TREATMENT OF [illegible] PROPERTIES OF BARIUM
[illegible]
PHD THESIS, [illegible] OF PENNSYLVANIA, [illegible]
DAR ACCESS NO.....[illegible]
BY [illegible]
INSTR...[illegible]
PROJECT.....[illegible]

ARL [illegible]
[illegible]
[illegible] OBSERVATIONS ON THE SUMMER MELTING ZONES, NACL
MASTERS THESIS
DAR ACCESS NO.....208270-007
BY [illegible]
INSTR...AF-[illegible]
PROJECT.....[illegible]

ARL 67-11617
BIRKES COLLEGE
ANELASTIC RELAXATION IN NaBrO3
CENTRAL PENNSYLVANIA SECTION OF AMERICAN ASSOCIATION OF PHYSICS TEACHERS, ANNUAL CONVENTION, PA
DAR ACCESS NO.....208270-008
BY HUDSON W G
INSTR...AF-33(615)-01248
PROJECT.....7021

ARL 67-11618
MARQUETTE UNIVERSITY
MEASUREMENT OF THE ELECTRICAL CONDUCTIVITY OF DEFECTED TITANIUM DIOXIDE
INTERNATIONAL EXPOSITION OF INSTRUMENTS TO SINGLE CRYSTAL MANUFACTURING COMPONENTS, NATIONAL SHOW
DAR ACCESS NO.....208270-009
BY MINKOFF G M
INSTR...AF-33(615)-01248
PROJECT.....7021

ARL 67-11619
MARQUETTE UNIVERSITY
ELECTRICAL CONDUCTIVITY EXPERIMENTS IN RUTILE
[illegible] NO. 5
DAR ACCESS NO.....208270-010
BY MINKOFF G M
INSTR...AF-33(615)-01248
PROJECT.....7021

ARL 67-11620
MARQUETTE UNIVERSITY
INVESTIGATION OF THIN SECTION FOR TRANSMISSION ELECTRON MICROSCOPY
MS. COMBUSTION SAN FRANCISCO, CALIF.
DAR ACCESS NO.....208270-004
BY MINKOFF G M
INSTR...AF-33(615)-01248
PROJECT.....7021

ARL 67-11621
FRANKLIN INSTITUTE RESEARCH LABORATORIES
ELECTRON SPIN RESONANCE AND THERMOLUMINESCENT EMISSION
PHYSICS DEPT., TEMPLE UNIVERSITY, PHILADELPHIA, PA
DAR ACCESS NO.....[illegible]
BY MEAVES A
INSTR...AF-33(615)-01498
PROJECT.....7021

ARL 67-11622
FRANKLIN INSTITUTE RESEARCH LABORATORIES
ELECTRON PARAMAGNETIC RESONANCE OF MN SUPPER 2 ALLOYS IN LIF
PHYSICS DEPT., TEMPLE UNIVERSITY, PHILADELPHIA, PA
DAR ACCESS NO.....210660-001
BY MEAVES A
INSTR...AF-33(615)-01596
PROJECT.....7021

ARL 67-11623
AEROSPACE RESEARCH LABORATORIES
"SELF-DIFFUSION IN NEAR EUTECTIC ORDERED ALLOYS"
UNIVERSITY OF ILLINOIS
DAR ACCESS NO.....210000-001
BY [illegible]
INSTR...ARL-7021-00-00
PROJECT.....7021

ARL 67-11624
AEROSPACE RESEARCH LABORATORIES
DIFFUSION OF METALLIC IONS IN METALLIC SPECIES
NORTHERN UNIVERSITY
DAR ACCESS NO.....210000-010
BY [illegible]
INSTR...ARL-7021-00-00
PROJECT.....7021

ARL [illegible]
AEROSPACE RESEARCH LABORATORIES
[illegible]
UNIVERSITY OF [illegible]
DAR ACCESS NO.....[illegible]
BY [illegible]
INSTR...ARL-7021-01-13
PROJECT.....7021

ARL [illegible]
AEROSPACE RESEARCH LABORATORIES
[illegible] OF FE-MO-Zr ALLOYS
UNIVERSITY OF [illegible], PENNSYLVANIA
DAR ACCESS NO.....[illegible]
BY NICHOLSON R
INSTR...ARL-7021-00-00
PROJECT.....7021

ARL [illegible]
[illegible]
[illegible]
[illegible]
DAR ACCESS NO.....208960-100
BY WOLF P
INSTR...ARL-7021-00-00
PROJECT.....7021

ARL 67-11626
AEROSPACE RESEARCH LABORATORIES
THE GROWTH OF CRYSTAL BOUNDARIES
UNIVERSITY OF CALIFORNIA
DAR ACCESS NO.....211160-003
BY MANGOLDT-WALL S
INSTR...ARL-7021-00-13
PROJECT.....7021

ARL 67-11627
AEROSPACE RESEARCH LABORATORIES
SIZE AND DISTRIBUTION OF Cr Pb ZONES IN NI-CR ALLOYS
UNIVERSITY OF [illegible]
DAR ACCESS NO.....211150-005
BY MERRIMAN S D
INSTR...ARL-7021-00-13
PROJECT.....7021

ARL 67-11628
AEROSPACE RESEARCH LABORATORIES
THE CRYSTAL STRUCTURE OF METAL OXIDES
DAR RESEARCH REVIEW, NOV., [illegible] NO., Vol Pb 67-7
DAR ACCESS NO.....211230-001
BY WILLIAMS R E
INSTR...ARL-7021-00-26
PROJECT.....7021

ARL 67-11629
AEROSPACE RESEARCH LABORATORIES
[illegible] METALS FROM [illegible] METAL COMPOUNDS
U.S. PATENT 3,355,[illegible] 5 DEC 67
DAR ACCESS NO.....209730-033
BY NIEMEYER J W
MENSCHIK A R
REEVERS M E
INSTR...ARL-7021-00-07
PROJECT.....7021

ARL 67-1162N
AEROSPACE RESEARCH LABORATORIES
SENSITIZED DECOMPOSITION OF RHYPTOCYANINE
FROM UNIVERSITY OF EAST ANGLIA, MAY 67
OAR ACCESS NO.....209660-008
BY WILKINSON F
INSTR...ARL-7023-00-03
PROJECT.....7023

ARL 67-1163N
AEROSPACE RESEARCH LABORATORIES
RECENT DEVELOPMENTS IN ENERGY TRANSFER
FROM UNIVERSITY OF EAST ANGLIA, APR 67
OAR ACCESS NO.....209660-009
BY WILKINSON F
INSTR...ARL-7023-00-03
PROJECT.....7023

ARL 67-1164N
AEROSPACE RESEARCH LABORATORIES
EXTERNAL SPIN-ORBIT COUPLING PHENOMENA
FROM UNIVERSITY OF EAST ANGLIA, MAR 67.
OAR ACCESS NO.....209660-010
BY WILKINSON F
INSTR...ARL-7023-00-03
PROJECT.....7023

ARL 67-1165N
AEROSPACE RESEARCH LABORATORIES
ION-MOLECULE REACTIONS IN ALCOHOLS
FROM NATIONAL BUREAU OF STANDARDS, FEB 67.
OAR ACCESS NO.....209730-043
BY SIECK L W
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 67-1166N
AEROSPACE RESEARCH LABORATORIES
ENERGY TRANSFER STUDIES IN THE LIQUID PHASE RADIOLYSIS OF
RARE GAS-HYDROGEN MIXTURES
FROM UNIVERSITY OF KANSAS, APR 67.
OAR ACCESS NO.....209730-044
BY REVAN L
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 67-1167N
AEROSPACE RESEARCH LABORATORIES
METASTABLE TRANSITIONS IN MASS SPECTROMETRY
FROM THE UNIVERSITY, SHEFFIELD, ENGLAND MAY 67.
OAR ACCESS NO.....209730-045
BY JENNINGS K R
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 67-1168N
AEROSPACE RESEARCH LABORATORIES
REACTIONS OF ORGANOSILICON FREE RADICALS
FROM UNIVERSITY OF SUSSEX, APR 67.
OAR ACCESS NO.....209720-020
BY JACKSON R A
INSTR...ARL-7023-00-09
PROJECT.....7023

ARL 67-1169N
AEROSPACE RESEARCH LABORATORIES
ION-MOLECULE REACTIONS BY ION CYCLOTRON RESONANCE TECHNIQUE
FROM MONSANTO CENTRAL RESEARCH LABORATORY, APR 67.
OAR ACCESS NO.....209730-046
BY HENIS J
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 67-1170N
AEROSPACE RESEARCH LABORATORIES
ION MOLECULE REACTIONS
FROM UNIVERSITY OF IOWA, SEP 67.
OAR ACCESS NO.....209730-047
BY FUTRELL J H
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 67-1171N
AEROSPACE RESEARCH LABORATORIES
CHEMICAL IONIZATION MASS SPECTROMETRY
FROM ESSO RESEARCH AND ENGINEERING INC., APR 67.
OAR ACCESS NO.....209730-048
BY FIELD F H
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 67-1172N
AEROSPACE RESEARCH LABORATORIES
STEREOCHEMICAL CHANGES IN TRANSITION METAL COMPLEXES
FROM UNIVERSITY OF MASSACHUSETTS, JUNE 67.
OAR ACCESS NO.....209700-034
BY ARCHER R D
INSTR...ARL-7023-00-07
PROJECT.....7023

ARL 67-1173N
AEROSPACE RESEARCH LABORATORIES
LUMINESCENCE AND PHOSPHORESCENCE OF AROMATIC HYDROCARBONS
IN SOLID MATRICES
FROM TRW SYSTEMS, ONE SPACE PARK, REDONDO BEACH, CALIFORNIA
, GAVE TALK ON 4 DECEMBER 1967 AT ARL.
OAR ACCESS NO.....209660-011
BY KROPP J L
INSTR...ARL-7023-00-03
PROJECT.....7023

ARL 67-1174N
AEROSPACE RESEARCH LABORATORIES
STUDY OF NEUTRON DEFICIENT NUCLEI FAR FROM BATA-STABILITY
LINE
PRINCETON UNIVERSITY, AUG 67
OAR ACCESS NO.....210430-006
BY PETRY R F
INSTR...ARL-7112-00-02
PROJECT.....7112

ARL 67-1175N
AEROSPACE RESEARCH LABORATORIES
M-1 TRANSITION BETWEEN K-0 BANDS
VANDERBILT UNIVERSITY, 12 MAY 67
OAR ACCESS NO.....210430-007
BY RAMAYYA ,
INSTR...ARL-7112-00-02
PROJECT.....7112

ARL 67-1176N
AEROSPACE RESEARCH LABORATORIES
ISOBARIC ANALOG STATE STUDIES IN THE BARIUM REGION
ARGONNE NATIONAL LABORATORY, 1 SEP 67
OAR ACCESS NO.....210430-008
BY MORRISON G
INSTR...ARL-7112-00-02
PROJECT.....7112

ARL 67-1177N
AEROSPACE RESEARCH LABORATORIES
DIRECT REACTIONS AND THE SHELL MODEL
OAK RIDGE NATIONAL LABORATORY, SEP 67
OAR ACCESS NO.....210420-020
BY WILDENTHAL B
INSTR...ARL-7112-00-01
PROJECT.....7112

ARL 67-1178N
AEROSPACE RESEARCH LABORATORIES
CORIOLIS COUPLING AND NUCLEAR PROPERTIES
YALE UNIVERSITY, 10 APR 67
OAR ACCESS NO.....210420-021
BY MALIK F B
INSTR...ARL-7112-00-01
PROJECT.....7112

ARL 67-1179N
AEROSPACE RESEARCH LABORATORIES
THE PHYSICAL NATURE OF THE NUMERICAL INSTABILITY IN THE
SOLUTION OF THE EQUATIONS OF TRANSFER
OHIO STATE UNIVERSITY, 10 MAR 67
OAR ACCESS NO.....210420-022
BY COLLINS G W
INSTR...ARL-7112-00-01
PROJECT.....7112

ARL 67-1180N
AEROSPACE RESEARCH LABORATORIES
USE OF SMALL COMPUTERS IN GAMMA-RAY SPECTROSCOPY
NATIONAL REACTOR TESTING STATION 28 APR 67
OAR ACCESS NO.....210420-023
BY BLACK W
INSTR...ARL-7112-00-01
PROJECT.....7112

ARL 67-1181N
MIDWEST RESEARCH INSTITUTE
MATHEMATICAL METHODS IN CELESTIAL MECHANICS
OAR ACCESS NO.....207102-002
BY FIELDS J
INSTR...AF-33/615/02764
PROJECT.....7071

ARL 67-1182N
OHIO STATE UNIVERSITY RESEARCH FOUNDATION
CALCULUS OF VARIATIONS AND PARTIAL DIFFERENTIAL EQUATIONS OF FIRST ORDER
OAR ACCESS NO.....211120-001
BY AISSEN M
INSTR...F33615-67-C-1758
PROJECT.....7071

ARL 67-1183N
UNIVERSITY OF CINCINNATI
MATHEMATICAL METHODS IN CELESTIAL MECHANICS
OAR ACCESS NO.....209520-001
BY POLLARD H
INSTR...AF-33/615/02272
PROJECT.....7071

ARL 67-1184N
IOWA STATE UNIVERSITY
ON METHODOLOGIES AND CONNECTIONS IN PARTITIONED LINEAR MODELS
OAR ACCESS NO.....207091-002
BY ZYSKIND G
INSTR...AF-33/615/01737
PROJECT.....7071

ARL 67-1185N
UNIVERSITY OF CINCINNATI
SIMULTANEOUS APPROXIMATION OF A FUNCTION AND ITS DERIVATIVES
OAR ACCESS NO.....209520-002
BY COHEN E
INSTR...AF-33/615/02272
PROJECT.....7071

ARL 67-1186N
OHIO STATE UNIVERSITY
SOLUTIONS OF THE HILL-MEISSNER DIFFERENTIAL EQUATION
OAR ACCESS NO.....207571-005
BY WAIT D K
INSTR...AF-33/615/01915
PROJECT.....7071

ARL 67-1187N
CINCINNATI UNIV RESEARCH FOUNDATION
WAVE PROPAGATION IN A DISSOCIATING AND DIFFUSING GAS
PROF. MONTI WAS A GUEST SPEAKER AND PRESENTED A LECTURE IN THE ARL AUDITORIUM ON 20 JAN 67.
OAR ACCESS NO.....209520-003
BY MONTI R
INSTR...AF-33/615/02272
PROJECT.....7064

ARL 67-1188N
CINCINNATI UNIV RESEARCH FOUNDATION
RECENT HYPERSONIC AERODYNAMIC RESEARCH AT ONERA /OFFICE NATIONAL DES ESSAIS ET LA RECHERCHE AEROSPATIALE/
PROF. MONTI WAS A GUEST SPEAKER AND PRESENTED A LECTURE IN THE ARL AUDITORIUM ON 20 JAN 67.
OAR ACCESS NO.....209520-004
BY CERESUELA R
INSTR...AF-33/615/02272
PROJECT.....7064

ARL 67-1189D
AEROSPACE RESEARCH LABORATORIES
GAS COOLED COLLOID PROPULSION SYSTEMS
U.S. PATENT NR 3,217,488
OAR ACCESS NO.....211290-001
BY VON OHAIN H
LAWSON W O
MASINGER S
INSTR...ARL-7116-00-04
PROJECT.....7116

ARL 67-1190D
AEROSPACE RESEARCH LABORATORIES
SYNTHESIS OF AZO COMPOUNDS BY REARRANGEMENT OF HYDRAZONES
U.S. PAT. NO. 3,350,385 /31 OCT 67/.
OAR ACCESS NO.....209720-021
BY SPIALTER L
UNTEREINER G L
INSTR...ARL-7023-00-09
PROJECT.....7023

ARL 67-1191P
MONSANTO RESEARCH CORPORATION
RECOVERY OF METAL VALUES
S/N 597,622
OAR ACCESS NO.....207900-011
BY SCRIMMER W G
INSTR...AF-33/615/01093
PROJECT.....7023

ARL 67-1192D
AEROSPACE RESEARCH LABORATORIES
VAPOR PLATING METALS FROM FLUOROCARBON KETO METAL COMPOUNDS
S/N 362,212 /24 AUG 67/
OAR ACCESS NO.....209700-035
BY MOSHIER R W
SIEVERS R E
SPENDLOVE L B
INSTR...ARL-7023-00-07
PROJECT.....7023

ARL 67-1193D
AEROSPACE RESEARCH LABORATORIES
MODULATED LIGHT SOURCE FOR ELECTRO-OPTICAL ANALYSIS OF SPECTRAL LINES
UNITED STATES PATENT OFFICE, PATENT NO. 3,301,950, 31 JANUARY 1967
OAR ACCESS NO.....210570-012
BY GEBEL R K H
INSTR...ARL-7685-00-03
PROJECT.....7685

ARL 67-1194D
AEROSPACE RESEARCH LABORATORIES
IMAGE ORTHICON WITH IMPROVED BEAM MODULATION FACTOR
UNITED STATES PATENT OFFICE, PATENT NO. 3,313,977, 11 APRIL 67
OAR ACCESS NO.....210570-013
BY GEBEL R K H
INSTR...ARL-7685-00-03
PROJECT.....7685

ARL 67-1195A
AEROSPACE RESEARCH LABORATORIES
A STUDY OF ARC DISCHARGE SHAPES IN A TRANSVERSE MAGNETIC FIELD
PAPER/ OHIO CHAPTER OF THE AMERICAN PHYSICAL SOCIETY, COLUMBUS, OHIO /14 APRIL 1967/
OAR ACCESS NO.....211360-004
BY DEMENT W H
INSTR...ARL-7063-00-13
PROJECT.....7063

ARL 67-1196L
AEROSPACE RESEARCH LABORATORIES
ISOBARIC ANALOG STATES IN Cl SUPP 35
VANDERBILT UNIV. PHYSICS SEMINAR /17 NOV 67/
OAR ACCESS NO.....210420-024
BY MANIMURUTHIL J C
INSTR...ARL-7112-00-01
PROJECT.....7112

ARL 67-1197M
OHIO STATE UNIVERSITY RESEARCH FOUNDATION
LOW HEAT FLUX MEASUREMENTS IN HYPERSONIC WIND TUNNELS
PRESENTED AT ARL, 8 DEC 1967
OAR ACCESS NO.....207350-004
BY GREGOREK G M
INSTR...AF-33/657/11060
PROJECT.....7065

ARL 67-1198M
OHIO STATE UNIVERSITY RESEARCH FOUNDATION
LOW PRESSURE MEASUREMENTS IN HYPERSONIC WIND TUNNELS
PRESENTED AT ARL ON 8 DEC 1967.
OAR ACCESS NO.....207350-005
BY KROEGER P G
INSTR...AF-33/657/11060
PROJECT.....7065

ARL 67-1199P
CORNELL AERONAUTICAL LABORATORIES, INC.
METHOD OF CREATING A CONTROLLED NUCLEAR FUSION REACTION
U.S. PATENT APPLICATION S/N 633,330, MAY 1967
OAR ACCESS NO.....207291-001
BY DAIBER J W
INSTR...AF-33/615/05389
PROJECT.....7065

ARL 67-1200P
UNIVERSITY OF DAYTON
COS AS AN ACOUSTIC WAVE GUIDE
SERIES OF LECTURES BEGINNING 9 MAY 1967 AT ARL.
OAR ACCESS NO.....211020-003
BY FRANK G
INSTR...F33615-67-C-1027
PROJECT.....7785

ARL 67-1201M
UNIVERSITY OF DAYTON
INVESTIGATION OF ULTRASONIC WAVES IN II-VI SEMICONDUCTORS
LECTURE GIVEN AT ARL, FEBRUARY 1967
OAR ACCESS NO.....211020-006
BY PHISILLO A L
INSTR...F33615-67-C-1027
PROJECT.....7785

ARL 67-1202M
UNIVERSITY OF DAYTON
SPIN PHONON INTERACTION IN MN-DOPED CDS
LECTURE GIVEN AR ARL, FEBRUARY 1967
OAR ACCESS NO.....211020-005
BY ROEDERSHEIMER R
INSTR...F33615-67-C-1027
PROJECT.....7065

ARL 67-1203M
UNIVERSITY OF DAYTON
MAGNETIC AND OPTICAL MEASUREMENTS ON IRON GROUP IMPURITIES IN IIB-VIA COMPOUNDS AT CRYOGENIC TEMPERATURE
LECTURE GIVEN AT ARL, FEBRUARY 1967
OAR ACCESS NO.....211020-006
BY KHEITMAN W M
INSTR...F33615-67-C-1027
PROJECT.....7065

ARL 67-1204M
UNIVERSITY OF DAYTON
REFRACTIVE INDEX OF ZINC - OXIDE SINGLE CRYSTALS
LECTURE GIVEN AT ARL, JANUARY 1967
OAR ACCESS NO.....211020-007
BY FITZPATRICK D
INSTR...F33615-67-C-1027
PROJECT.....7065

ARL 67-1206L
UNIVERSITY OF MARYLAND
RESEARCH ON FLUID DYNAMICS IN JAPAN
PRESENTED AT AFIT LECTURE ROOM 230 /BLDG. 640,W-PAFB/, 21 DEC 67/
OAR ACCESS NO.....210850-001
BY SHIH-I-PAI
INSTR...AF-33/615/03908
PROJECT.....7063

ARL 67-1207L
AEROSPACE RESEARCH LABORATORIES
PLASMA ARC TECHNOLOGY AT THE THERMOMECHANICS RESEARCH LABORATORY
PRESENTED TO WITTENBURG UNIVERSITY PHYSICS CLUB STUDENTS AT ARL CONFERENCE ROOM, 21 DEC 67/
OAR ACCESS NO.....211380-005
BY HORAN W C
INSTR...ARL-7063-00-15
PROJECT.....7063

ARL 67-1208L
AEROSPACE RESEARCH LABORATORIES
SERIES OF LECTURES ON /SEPARATED FLOWS/ VON KARMAN INSTITUTE FOR FLUID DYNAMICS, BRUSSELS, BELGIUM. PART I / EXACT SOLUTIONS OF THE LAMINAR BOUNDARY LAYER EQUATIONS, SERIES OF LECTURES GIVEN AT THE VON KARMAN INSTITUTE FOR FLUID DYNAMICS, BRUSSELS, BELGIUM, 17-28 APR 67.
OAR ACCESS NO.....209910-005
BY RALL K O W
MANLEY W L
INSTR...ARL-7064-00-07
PROJECT.....7064

ARL 67-1209L
AEROSPACE RESEARCH LABORATORIES
THE DESIGN FEATURES OF HYPERSONIC VEHICLES
GIVEN TO AERONAUTICAL ENGINEERING HONORARY, SIGMA GAMMA TAU, OHIO STATE UNIVERSITY, 7 FEB 67.
OAR ACCESS NO.....209860-007
BY MANLEY W L
INSTR...ARL-7064-00-02
PROJECT.....7064

ARL 67-1210C
AEROSPACE RESEARCH LABORATORIES
FLOW VISUALIZATION IN AN INCOMPRESSIBLE MEDIUM
OAR REVIEW ITEM, VOL VI, NO. 6, PP 23-26
OAR ACCESS NO.....210130-001
BY FRIBERG E G
INSTR...ARL-7065-00-11
PROJECT.....7065

ARL 67-1211C
AEROSPACE RESEARCH LABORATORIES
SPHERICAL-IMPLOSION LAUNCHING TECHNIQUE
OAR RESEARCH REVIEW ARTICLE/ VOL VI, NO 5, MAY 1967
OAR ACCESS NO.....210170-005
BY GOWESH J W
INSTR...ARL-7065-00-15
PROJECT.....7065

ARL 67-1212C
AEROSPACE RESEARCH LABORATORIES
MAGNETIC WIND-TUNNEL-MODEL SUSPENSION AND BALANCE SYSTEMS
OAR RESEARCH REVIEW ARTICLE, VOL VI, NO. 6, JUNE 1967
OAR ACCESS NO.....210130-002
BY DAUN F L
INSTR...ARL-7065-00-11
PROJECT.....7065

ARL 67-1213M
NEW YORK UNIVERSITY
A FACILITY FOR HYPERSONIC FLOW SIMULATION OVER BLUNT-NOSED BODIES
PAPER PRESENTED AT AGARD MEETING, NEW EXPERIMENTAL TECHNIQUES IN PROPULSION & ENERGETICS PROBLEMS, MUNICH, GERMANY 11-15 SEP 67.
OAR ACCESS NO.....209251-001
BY ZAKKAY V
NAK W
INSTR...AF-33/615/03236
PROJECT.....7068

ARL 67-1214B
OHIO STATE UNIVERSITY RESEARCH FOUNDATION
HEAT TRANSFER MEASUREMENTS IN HYPERSONIC LOW DENSITY FLOWS WITH PHASE CHANGE COATINGS
PAPER PRESENTED AT SUPERSONIC TUNNEL ASSOCIATION MEETING DENVER, COLORADO 29-31 OCT 67.
OAR ACCESS NO.....207380-006
BY GREGOREK G M
INSTR...AF-33/657/11060
PROJECT.....7065

ARL 67-1215B
OHIO STATE UNIVERSITY RESEARCH FOUNDATION
HYPERSONIC WIND TUNNEL PRESSURE MEASUREMENTS
PAPER PRESENTED AT FIFTH TRANSDUCER WORKSHOP, NATIONAL BUREAU OF STANDARDS, GAITHERSBURG, MD., 3-4 OCT 67.
OAR ACCESS NO.....210170-006
BY KROEGER F B
INSTR...ARL-7065-00-15
PROJECT.....7065

ARL 67-1216B
CORNELL AERONAUTICAL LABORATORIES
RADIATIVE ENERGY ADDITION BEHIND A SHOCKWAVE
PAPER PRESENTED AT AMERICAN PHYSICAL SOCIETY MEETING, TORONTO, CANADA, 21-23 JUNE 1967
OAR ACCESS NO.....207291-002
BY REHM R G
INSTR...AF-33/615/05389
PROJECT.....7065

ARL 67-1217A
AEROSPACE RESEARCH LABORATORIES
SUPERSONIC COMBUSTION SIMULATION
PAPER PRESENTED AT THE SPRING MEETING OF THE WESTERN STATES SECTION OF THE COMBUSTION INSTITUTE, UNIV OF CALIF.
OAR ACCESS NO.....210900-003
BY DUNN R G
INSTR...ARL-7065-00-16
PROJECT.....7065

ARL 67-1218A
AEROSPACE RESEARCH LABORATORIES
SUPERSONIC COMBUSTION SIMULATION
PAPER PRESENTED AT SECOND OAR RESEARCH APPLICATIONS CONFERENCE, WASHINGTON DC
OAR ACCESS NO.....210900-004
BY DUNN R G
INSTR...ARL-7065-00-16
PROJECT.....7065

ARL 67-1219A
PURDUE UNIVERSITY
A PHOTOSTRESS STUDY OF SPUR GEAR TEETH
PAPER PRESENTED 10 MAY 67 BEFORE THE SAE MID-YEAR MEETING IN CHICAGO, ILLINOIS.
OAR ACCESS NO.....210170-007
BY POTTINGER M G
COHEN A
STETZ E D
INSTR...ARL-7065-00-15
PROJECT.....7065

ARL 67-1220A
AEROSPACE RESEARCH LABORATORIES
THE ARL CORED BRICK STORAGE HEATER
PAPER PRESENTED AT TWENTY-SEVENTH MEETING OF THE SUPERSONIC TUNNEL ASSOCIATION, AEDC, ARNOLD AFS, TENN, MAY 1967.
OAR ACCESS NO.....210170-008
BY SCAGGS N E
INSTR...ARL-7065-00-15
PROJECT.....7065

ARL 67-1221I
AIR FORCE INSTITUTE OF TECHNOLOGY
AN EXPERIMENTAL INVESTIGATION OF SHOCK INITIATED DETONATION WAVES IN A FLOWING COMBUSTIBLE MIXTURE
PH.D THESIS, OHIO STATE UNIVERSITY, JUNE 1967
OAR ACCESS NO.....210900-005
BY HAMILTON L A
INSTR...ARL-7065-00-16
PROJECT.....7065

ARL 67-1222A
AEROSPACE RESEARCH LABORATORIES
AIR AND NITROGEN CONDENSATION IN HYPERSONIC NOZZLES
PAPER APPEARED IN THE PROCEEDINGS OF THE 28TH SUPERSONIC TUNNEL ASSOCIATION MEETING.
OAR ACCESS NO.....210160-005
BY GAUM F L
GYARMATHY G
INSTR...ARL-7065-00-14
PROJECT.....7065

ARL 67-1223M
CORNELL AERONAUTICAL LABORATORY, INC.
AN ISENTROPIC COMPRESSION TUBE
LECTURE PRESENTED AT AEROSPACE LECTURE SERIES, OHIO STATE UNIV.
OAR ACCESS NO.....210170-009
BY HALL J G
INSTR...ARL-7065-00-15
PROJECT.....7065

ARL 67-1224L
AEROSPACE RESEARCH LABORATORIES
PHOTOELASTIC COATING TECHNOLOGY APPLIED TO CONTACT PROBLEMS
LECTURE GIVEN BEFORE THE CENTRAL INDIANA SECTION OF SESA ON 6 NOV 1967.
OAR ACCESS NO.....210170-010
BY POTTINGER M G
INSTR...ARL-7065-00-15
PROJECT.....7065

ARL 67-1225L
OHIO STATE UNIVERSITY RESEARCH FOUNDATION
MODERN OPTICS DIRECTED TO FLOW VISUALIZATION APPLICATIONS
LECTURES PRESENTED AT AEROSPACE RESEARCH LABORATORIES, 18 APRIL THRU 20 JUNE 1967.
OAR ACCESS NO.....210150-001
BY PAQUES H
INSTR...ARL-7065-00-13
PROJECT.....7065

ARL 67-1226L
AEROSPACE RESEARCH LABORATORIES
INTRODUCTION TO LECTURES ON SUPERSONIC TURBOMACHINERY
PRESENTED AT AGARD MEETING, VAHENNA, ITALY, MAY 1967
OAR ACCESS NO.....210110-003
BY JOHNSON E G
INSTR...ARL-7065-00-09
PROJECT.....7065

ARL 67-1227J
OHIO STATE UNIVERSITY RESEARCH FOUNDATION
VIBRATIONAL RELAXATION IN EXPANDING FLOWS
M.S. THESIS, OHIO STATE UNIVERSITY
OAR ACCESS NO.....207350-012
BY BIORSKI A
INSTR...AF-33/657/11060
PROJECT.....7065

ARL 67-1228J
OHIO STATE UNIVERSITY RESEARCH FOUNDATION
VISCOUS EFFECTS ON BLUNT CONES AT LOW REYNOLDS NUMBERS AND HYPERSONIC SPEED
PH.D THESIS, OHIO STATE UNIVERSITY
OAR ACCESS NO.....207350-007
BY GREGOREK G G
INSTR...AF-33/657/11060
PROJECT.....7065

ARL 67-1229J
CORNELL AERONAUTICAL LABORATORIES, INC.
INTERACTION OF LASER RADIATION WITH GASES
PH.D. THESIS, STATE UNIVERSITY OF NEW YORK AT BUFFALO, MAY 1967
OAR ACCESS NO.....207290-008
BY DAIBER J W
INSTR...AF-33/657/08860
PROJECT.....7065

ARL 67-1230J
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
CALIBRATION STUDY FOR A SIX-DEGREE-OF-FREEDOM MAGNETIC BALANCE AND SUSPENSION SYSTEM
PH.D. THESIS, MIT JUNE 1967
OAR ACCESS NO.....207191-005
BY PETERSEN W A
INSTR...AF-33/615/01470
PROJECT.....7065

ARL 67-1231N
CORNELL AERONAUTICAL LABORATORY, INC.
USE OF THE LASER AS AN ENERGY SOURCE IN FLUID MECHANICS
LECTURE PRESENTED AT AEROSPACE RESEARCH LABORATORIES.
OAR ACCESS NO.....207291-003
BY DAIBER J W
INSTR...AF-33/615/05389
PROJECT.....7065

ARL 67-1232(
CORNELL AERONAUTICAL LABORATORY, INC.
USE OF A FREE PISTON FOR GENERATING HYPERVELOCITY FLOWS
LECTURE PRESENTED AT THE AEROSPACE RESEARCH LABORATORIES.
OAR ACCESS NO.....207291-004
BY STODDARD F J
INSTR...AF-33/615/05389
PROJECT.....7065

ARL 67-1233N
OHIO STATE UNIVERSITY RESEARCH FOUNDATION
VIBRATIONAL RELAXATION IN EXPANDING PLASMA FLOWS
LECTURE GIVEN AT ARL.
OAR ACCESS NO.....207350-008
BY PETRIE S L
INSTR...AF-33/657/11060
PROJECT.....7065

ARL 67-1234L
AEROSPACE RESEARCH LABORATORIES
ON THE GKD MULTIMOMENT INTEGRAL METHOD
LECTURE GIVEN AT TECHNISCHE HOCHSCHULE KARLSRUHE, KARLSRUHE, GERMANY.
OAR ACCESS NO.....209910-006
BY BETHEL H E
INSTR...ARL-7064-00-07
PROJECT.....7064

ARL 67-1235B
AVCO CORPORATION
STUDIES ON AN INERT GAS DISK HALL GENERATOR DRIVEN IN A SHOCK TUNNEL
EIGHTH SYMPOSIUM ON THE ENGINEERING ASPECTS OF MHD, STANFORD UNIVERSITY, CALIFORNIA (MARCH 1967)
OAR ACCESS NO.....210650-001
BY LOUIS J F
INSTR...AF-33/615/03413
PROJECT.....7063

ARL 67-1236B
GHEYRAO CORPORATION
COOLED PROBE DIAGNOSTICS OF DENSE PLASMA MIXING AND HEAT TRANSFER PROCESSES
SYMPOSIUM ON HIGH TEMPERATURE TECHNOLOGY, 60TH ANNUAL MEETING AICHE, NEW YORK, 26-30 NOV 67. PUBLISHED AS PREPRINT 9C
OAR ACCESS NO.....207780-004
BY GREY J
INSTR...AF-33/657/04962
PROJECT.....7063

ARL 67-1237A
CHEMISTRY RESEARCH LABORATORY
IONIC POLYMERIZATION OF SIMPLE UNSATURATED HYDROCARBONS, ACETYLENE AND ETHYLENE
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OAR ACCESS NO.....209730-049
BY FUTRELL J H
TIERNAN T O
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 67-1238A
AEROSPACE RESEARCH LABORATORIES
CHEMISTRY RESEARCH AT THE AEROSPACE RESEARCH LABORATORIES
PRESENTED AT WAYNE HIGH SCHOOL, DAYTON, OHIO, 17 APR 67.
OAR ACCESS NO.....209730-050
BY FUTRELL J H
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 67-1239A
AEROSPACE RESEARCH LABORATORIES
ISOTOPE EFFECTS IN ION MOLECULE REACTIONS
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OAR ACCESS NO.....209730-051
BY FUTRELL J H
INSTR...ARL-7023-00-10
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ARL 67-1240A
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PRESENTED AT WRIGHT STATE UNIVERSITY, CHEMISTRY DEPARTMENT, DAYTON, OHIO, 8 FEB 67.
OAR ACCESS NO.....209730-052
BY FUTRELL J H
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 67-1241A
AEROSPACE RESEARCH LABORATORIES
DETERMINATION OF RATES OF RACEMIZATION OF ALUMINUM BETA-DIKETONATE COMPLEXES BY NMR STUDIES OF RACEMIC MIXTURES
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OAR ACCESS NO.....209700-036
BY FORTMAN J J
SIEVERS R E
INSTR...ARL-7023-00-07
PROJECT.....7023

ARL 67-1242A
AEROSPACE RESEARCH LABORATORIES
OPTICALLY ACTIVE SILICON COMPOUNDS AND THEIR REACTIONS
PRESENTED AT THIRD INTERNATIONAL SYMPOSIUM ON ORGANOMETALLIC CHEMISTRY, MUNICH, GERMANY, AUG 67.
OAR ACCESS NO.....209720-022
BY RUELL G R
SPIALTER L
INSTR...ARL-7023-00-09
PROJECT.....7023

ARL 67-1243A
AEROSPACE RESEARCH LABORATORIES
DETERMINATION OF FILM THICKNESS OF CADMIUM SULFIDE USE IN ENERGY CONVERSION WITH SOFT AND HARD X-RAY
PRESENTED AT 18TH ANNUAL MID-AMERICA SYMPOSIUM ON SPECTROSCOPY, CHICAGO, ILLINOIS, MAY 67.
OAR ACCESS NO.....209700-033
BY CHAN F L
INSTR...ARL-7023-00-07
PROJECT.....7023

ARL 67-1244A
AEROSPACE RESEARCH LABORATORIES
ION-MOLECULE REACTIONS IN PROPANE
PRESENTED AT AMERICAN CHEMICAL SOCIETY MEETING, MIAMI, FLORIDA, APR 67.
OAR ACCESS NO.....209730-053
BY BONE L I
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INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 67-1245A
AEROSPACE RESEARCH LABORATORIES
COMMENTS ON THE STRUCTURE OF ELECTROLYTE SOLUTIONS BASED ON THERMAL DIFFUSION MEASUREMENTS
PRESENTED AT FOURTH CARIBBEAN CHEMICAL SYMPOSIUM, KINGSTON, JAMAICA, 3-7 JAN 67.
OAR ACCESS NO.....209650-007
BY BECSEY J C
BIERLEIN J A
INSTR...ARL-7023-00-02
PROJECT.....7023

ARL 67-1246A
AEROSPACE RESEARCH LABORATORIES
ION-MOLECULE REACTIONS OF PROPYLENE AND BUTENE
PRESENTED AT ASTM E-14 MEETING, DENVER, COLORADO, 14-19 MAY 67.
OAR ACCESS NO.....209730-054
BY ABRAMSON F P
FUTRELL J H
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 67-1247A
AEROSPACE RESEARCH LABORATORIES
ION-MOLECULE REACTIONS IN ALKYL HALIDES
PRESENTED AT PACIFIC CONFERENCE ON CHEMISTRY AND SPECTROSCOPY, ANAHM M, CALIFORNIA, 31 OCT 67.
OAR ACCESS NO.....209730-055
BY BHATTACHARYA A K
HUGHES B M
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INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 67-1248C
AEROSPACE RESEARCH LABORATORIES
A METHOD OF DETERMINING ANGULAR MOMENTA OF NUCLEAR EXCITED STATES
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OAR ACCESS NO.....210420-025
BY WILLMES H
INSTR...ARL-7112-00-01
PROJECT.....7112

ARL 67-1249C
AEROSPACE RESEARCH LABORATORIES
THERMOELECTRIC POWER AND ELECTRICAL CONDUCTIVITY OF NBO2
OAR RESEARCH REVIEW, VI, NO. 5, P. 20-23
OAR ACCESS NO.....211170-001
BY ROBERSON J A
INSTR...ARL-7021-00-14
PROJECT.....7021

ARL 67-1250C
AEROSPACE RESEARCH LABORATORIES
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OAR RESEARCH REVIEW, VOL. VI, NO. 6, P. 10-11
OAR ACCESS NO.....209990-009
BY JESSE K E
INSTR...ARL-7021-00-08
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ARL 67-1251C
AEROSPACE RESEARCH LABORATORIES
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OAR RESEARCH REVIEW, VOL. VI, NO. 8, P. 9-10
OAR ACCESS NO.....209930-008
BY ADAIR A M
INSTR...ARL-7021-00-02
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ARL 67-1252C
AEROSPACE RESEARCH LABORATORIES
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OAR RESEARCH REVIEW ARTICLES
OAR ACCESS NO.....210280-019
BY HARTER H L
INSTR...ARL-7071-00-11
PROJECT.....7071

ARL 67-1253C
AEROSPACE RESEARCH LABORATORIES
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OAR RESEARCH REVIEW, VOL. 6, NO. 5, MAY 1967.
OAR ACCESS NO.....209900-007
BY THOMAS J P
INSTR...ARL-7064-00-06
PROJECT.....7064

ARL 67-1254C
AEROSPACE RESEARCH LABORATORIES
LAMINAR BOUNDARY-LAYER FLOW WITH MASS TRANSFER
OAR RESEARCH REVIEW, VOL. VI, NO. 7, JULY 1967.
OAR ACCESS NO.....209910-007
BY BETHEL H E
INSTR...ARL-7064-00-07
PROJECT.....7064

ARL 67-1255C
OFFICE OF AEROSPACE RESEARCH
FIELD TESTING THE ARL DUST SEPARATOR
OAR RESEARCH REVIEW, JANUARY 1967
OAR ACCESS NO.....210560-007
BY MILLER R A
INSTR...ARL-7116-00-03
PROJECT.....7116

ARL 67-1256L
AEROSPACE RESEARCH LABORATORIES
INTRODUCTION TO PROBABILITY AND STATISTICS
MATHEMATICS DEPT COURSES 672/A/,/B/, 673/A/,/B/, OHIO STATE UNIV /1966-1967/
OAR ACCESS NO.....210300-001
BY HAHN D H
INSTR...ARL-7071-00-13
PROJECT.....7071

ARL 67-1257L
AEROSPACE RESEARCH LABORATORIES
SEMINAR ON STATISTICAL MECHANICS
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OAR ACCESS NO.....211330-007
BY GUDERLEY K G
INSTR...ARL-7071-00-21
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ARL 67-1258L
AEROSPACE RESEARCH LABORATORIES
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ARL SEMINAR /JUNE 1967/
OAR ACCESS NO.....210310-010
BY KELLER C
INSTR...ARL-7071-00-16
PROJECT.....7071

ARL 67-1259L
AEROSPACE RESEARCH LABORATORIES
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OAR ACCESS NO.....210320-013
BY LEE D A
INSTR...ARL-7071-00-15
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ARL 67-1260L
AEROSPACE RESEARCH LABORATORIES
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ARL SEMINAR /APR 1967/
OAR ACCESS NO.....211320-008
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INSTR...ARL-7071-00-20
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ARL 67-1261L
AEROSPACE RESEARCH LABORATORIES
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OAR ACCESS NO.....210300-002
BY BARR D R
INSTR...ARL-7071-00-13
PROJECT.....7071

ARL 67-1262L
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OAR ACCESS NO.....211340-005
BY WOLAVER L E
INSTR...ARL-7071-00-22
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ARL 67-1263L
AEROSPACE RESEARCH LABORATORIES
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OAR ACCESS NO.....210320-014
BY SHISHA O
INSTR...ARL-7071-00-15
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ARL 67-1264L
AEROSPACE RESEARCH LABORATORIES
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TEXAS TECHNOLOGICAL COLLEGE, LUBLOCK, TEXAS /25 FEB 1967/
OAR ACCESS NO.....210320-015
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INSTR...ARL-7071-00-15
PROJECT.....7071

ARL 67-1265L
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OAR ACCESS NO.....210620-026
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INSTR...ARL-7112-00-01
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ARL 67-1266L
AEROSPACE RESEARCH LABORATORIES
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PRESENTED TO VANDERBILT UNIVERSITY /17 NOV 67/
OAR ACCESS NO.....210620-027
BY MANIMURUTHIL J C
INSTR...ARL-7112-00-01
PROJECT.....7112

ARL 67-1267E
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SERIES EXPANSIONS FOR THE INCOMPLETE GAMMA FUNCTION AND ITS DERIVATIVES
CHAPTER OF BOCK' REPRINTED FROM BLANCH ANNIVERSARY VOLUME
PP. 91-97 FEBRUARY 1967
OAR ACCESS NO.....210280-020
BY HARTER H L
INSTR...ARL-7071-00-11
PROJECT.....7071

ARL 67-1268E
AEROSPACE RESEARCH LABORATORIES
A DIFFERENCE INEQUALITY FOR OPERATORS IN HILBERT SPACE
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OAR ACCESS NO.....210320-016
BY MOND B
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INSTR...ARL-7071-00-15
PROJECT.....7071

ARL 67-1269E
AEROSPACE RESEARCH LABORATORIES
ON DEGRADATION OF COMBINATION LOCKS AND THE MAXIMUM TIME TO OPEN THEM
REPRINTED FROM BLANCH ANNIVERSARY VOLUME PP. 189-213, FEBRUARY 1967
OAR ACCESS NO.....210272-005
BY LUN M D
INSTR...ARL-7071-00-10
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REPRINTED FROM BLANCH ANNIVERSARY VOLUME, PP 3-20, FEBRUARY 1967.
OAR ACCESS NO.....211320-009
BY ARMITAGE J V
INSTR...ARL-7071-00-20
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OAR ACCESS NO.....210290-015
BY KRISHNAIAH P R
INSTR...ARL-7071-00-12
PROJECT.....7071

ARL 67-1272E
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REPRINTED FROM BLANCH ANNIVERSARY VOLUME, PP. 267-287, FEBRUARY 1967
OAR ACCESS NO.....210320-017
BY MOND B
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INSTR...ARL-7071-00-15
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ARL 67-1273E
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REPRINTED FROM BLANCH ANNIVERSARY VOLUME, PP 45-89, FEBRUARY 1967
OAR ACCESS NO.....210310-011
BY GUDERLEY K G
VALENTINE M
INSTR...ARL-7071-00-14
PROJECT.....7071

ARL 67-1274E
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REPRINTED FROM BLANCH ANNIVERSARY VOLUME, PP. 35-44, FEBRUARY 1967.
OAR ACCESS NO.....210310-012
BY FICHERA G
INSTR...ARL-7071-00-14
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ARL 67-1275E
AEROSPACE RESEARCH LABORATORIES
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BLANCH ANNIVERSARY VOLUME, PP 21-34, FEBRUARY 1967
OAR ACCESS NO.....210310-013
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INSTR...ARL-7071-00-14
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REPRINTED FROM BLANCH ANNIVERSARY VOLUME, PP 99-146, FEBRUARY 1967
OAR ACCESS NO.....210310-014
BY BREITER M C
BREITER M C
INSTR...ARL-7071-00-14
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ARL 67-1277C
AEROSPACE RESEARCH LABORATORIES
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OAR RESEARCH REVIEW' VOL. IV, NO. 3, PP. 12-14, /MAY 1965/
OAR ACCESS NO.....211370-004
BY CRAMER K R
INSTR...ARL-7063-00-14
PROJECT.....7063

ARL 67-1278C
AEROSPACE RESEARCH LABORATORIES
APPLICATION OF THE DIFFERENTIAL INTERFEROMETER TO ARC-HEATED PLASMAS
OAR RESEARCH REVIEW/ VOL. V, NO. 7, PP. 8-10, /SEPTEMBER 1966/
OAR ACCESS NO.....211370-005
BY SCHREIBER P W
INSTR...ARL-7063-00-14
PROJECT.....7063

ARL 67-1279C
AEROSPACE RESEARCH LABORATORIES
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OAR RESEARCH REVIEW, VOL. V, NO. 10, PP. 10-12 /DECEMBER 1966/
OAR ACCESS NO.....811360-005
BY SCHERBERG M G
INSTR...ARL-7063-00-12
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ARL 67-1280L
AEROSPACE RESEARCH LABORATORIES
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OAR ACCESS NO.....210420-008
BY WATSON D D
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ARL 67-1281A
AEROSPACE RESEARCH LABORATORIES
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OAR ACCESS NO.....210900-006
BY DUNN R G
INSTR...ARL-7065-00-16
PROJECT.....7065

ARL 67-1282B
NEW YORK UNIVERSITY
LATTICE DYNAMICS AND PROPERTIES OF CDS WURTZITE
PRESENTED AT THE INTERNATIONAL CONFERENCE ON II-VI SEMICONDUCTING COMPOUNDS, SEPT. 1967; PUBLISHED IN PROCEEDINGS, NOV 1967
OAR ACCESS NO.....209061-001
BY MUSINOVICI M A
BIRMAN J L
INSTR...AF-33/615/01746
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ARL 67-1283B
NEW YORK UNIVERSITY
THEORY OF CU CENTERS IN ZNO*CU AND ZNS*CU
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OAR ACCESS NO.....209061-002
BY WALTER W
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INSTR...AF-33/615/01746
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ARL 67-1284A
AEROSPACE RESEARCH LABORATORIES
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PRESENTED AT THE AMERICAN PHYSICAL SOCIETY MEETING, DECEMBER 1967, PASADENA, CALIF.
OAR ACCESS NO.....210590-003
BY KINGSTON D L
GREENE L C
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INSTR...ARL-7885-00-05
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ARL 67-1285A
AEROSAPCE RESEARCH LABORATORIES
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PRESENTED AT THE AMERICAN PHYSICAL SOCIETY MEETING, MARCH 1967, CHICAGO, ILL.
OAR ACCESS NO.....210550-009
BY LOCKER D R
DORAIN P B
INSTR...ARL-7885-03-01
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ARL 67-1286A
AEROSPACE RESEARCH LABORATORIES
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PRESENTED AT THE AMERICAN PHYSICAL SOCIETY MEETING, SEATTLE , WASHINGTON, AUGUST 1967
OAR ACCESS NO.....210560-007
BY KODA T
LANGER D
INSTR...ARL-7885-00-02
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ARL 67-1287A
AEROSPACE RESEARCH LABORATORIES
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PRESENTED AT THE AMERICAN PHYSICAL SOCIETY MEETING, MARCH 1967, CHICAGO, ILL.
OAR ACCESS NO.....210580-011
BY LITTON C W
COLLINS T C
REYNOLDS D C
INSTR...ARL-7885-00-04
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ARL 67-1288A
AEROSPACE RESEARCH LABORATORIES
SHORT WAVELENGTH IMPURITY EXCITON TRANSITIONS IN CDS AT 1.8 DEGREES K
PRESENTED AT THE AMERICAN PHYSICAL SOCIETY MEETING, MARCH 1967, CHICAGO, ILL.
OAR ACCESS NO.....210580-012
BY REYNOLDS D C
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ARL 67-1289A
AEROSPACE RESEARCH LABORATORIES
CALCULATION OF THE IMAGINARY PART OF THE COMPLEX DIELECTRIC CONSTANT OF CDS
PRESENTED AT THE AMERICAN PHYSICAL SOCIETY MEETING, MARCH 1967, CHICAGO, ILL.
OAR ACCESS NO.....210580-013
BY COLLINS T C
EUWEMA R N
DEWITT J S
INSTR...ARL-7885-00-04
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ARL 67-1290A
AEROSPACE RESEARCH LABORATORIES
REFRACTIVE INDEX OF ZNO SINGLE CRYSTALS
PRESENTED AT THE AMERICAN PHYSICAL SOCIETY MEETING, MARCH, 1967, CHICAGO, ILL.
OAR ACCESS NO.....210580-014
BY FITZPATRICK D E
SCHNEIDER J R
PARK Y S
INSTR...ARL-7885-00-04
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ARL 67-1291A
AEROSPACE RESEARCH LABORATORIES
EDGE EMISSION AND ZEEMAN EFFECTS IN ZNS
PRESENTED AT THE AMERICAN PHYSICAL SOCIETY MEETING, MARCH, 1967, CHICAGO, ILL.
OAR ACCESS NO.....210580-015
BY PARK Y S
LITTON C W
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INSTR...ARL-7885-00-04
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ARL 67-1292A
AEROSPACE RESEARCH LABORATORIES
RADIATION DAMAGE NEAR THE EDGE IN LITHIUM DOPED CDSE
PRESENTED AT THE AMERICAN PHYSICAL SOCIETY MEETING, MARCH, 1967, CHICAGO, ILL.
OAR ACCESS NO.....210580-010
BY FRALEY P E
CROCKER G B
KULP B A
INSTR...ARL-7885-00-01
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ARL 67-1293A
AEROSPACE RESEARCH LABORATORIES
THIN FILM CADMIUM SULFIDE SOLAR CELLS
PRESENTED AT THE 10TH MEETING OF THE PROPULSION & ENERGETICS PANEL, AGARDNATO, 12-16 JUN 67, LIEGE, BELGIUM
OAR ACCESS NO.....210570-014
BY REYNOLDS D C
INSTR...ARL-7885-00-03
PROJECT.....7885

ARL 67-1294M
MCGILL UNIVERSITY
CHANGE OF TRANSITION TEMPERATURES OF ANTIFERROMAGNETIC CRYSTALS AS A FUNCTION OF HIGH HYDROSTATIC PRESSURES
LECTURE GIVEN AT ARL, JULY 1967
OAR ACCESS NO.....209520-005
BY SRIVASTAVA V C
INSTR...AF-33/615/02272
PROJECT.....7885

ARL 67-1295M
UNIVERSITY OF KARLSRUHE
RECENT RESEARCH AT MIS INSTITUTE DEALING WITH ELECTRICAL MEASUREMENTS AND CONTACT PROPERTIES OF II-VI COMPOUNDS
LECTURE GIVEN AT ARL, SEPT 1967
OAR ACCESS NO.....209520-006
BY STOECKMANN F
INSTR...AF-33/615/02272
PROJECT.....7885

ARL 67-1296M
BATTELLE MEMORIAL INSTITUTE
EFFECTS OF PRESSURE ON THE HOPPING PROCESS (SMALL POLARONS)
LECTURE GIVEN AT ARL, AUGUST 1967
OAR ACCESS NO.....209520-007
BY FREUD P
INSTR...AF-33/615/02272
PROJECT.....7885

ARL 67-1297M
UNIVERSITY OF ILLINOIS
OSCILLATORY PHOTOCONDUCTIVITY IN SEMICONDUCTORS
LECTURE GIVEN AT ARL, APRIL 1967
OAR ACCESS NO.....209520-008
BY STOCKER H J
INSTR...AF-33/615/02272
PROJECT.....7885

ARL 67-1298M
TECHNISCHE HOCHSCHULE MUNCHEN
STUDY OF TRAPPING PROPERTIES AND IR EXITATION OF ZINC SULPHIDE
LECTUR GIVEN AT ARL, MARCH 1967
OAR ACCESS NO.....209520-009
BY THOMA P
INSTR...AF-33/615/02272
PROJECT.....7065

ARL 67-1299M
UNIVERSITY OF FRANKFURT
INVESTIGATIONS OF EXCITED STATES OF IMPURITY CENTERS UY ELASTIC AND ELECTRIC FIELDS
LECTURE GIVEN AT ARL, JANUARY 1967
OAR ACCESS NO.....209520-010
BY GEBHARDT W
INSTR...AF-33/615/02272
PROJECT.....7065

ARL 67-1300M
UNIVERSITY OF PENNSYLVANIA
RAMAN SCATTERING BY COUPLED PLASMONS - LO PHONON MODES IN ZNS-TYPE CRYSTALS
LECTURE GIVEN AT ARL, JANUARY 1967
OAR ACCESS NO.....209520-062
BY BURSTEIN E
INSTR...AF-33/615/02272
PROJECT.....7065

ARL 67-1301R
AEROJET GENERAL CORPORATION
MEASUREMENTS OF PLASMA ROTATION IN A HOLLOW CATHODE DISCHARGE
AGN TP-200 AUG 1967
OAR ACCESS NO.....210920-001
BY BOESCHOTEN F
DEMETER L J
INSTR...AF-33/615/03927
PROJECT.....7073

ARL 67-1302R
AEROJET GENERAL CORPORATION
PLASMA WAVES AND ROTATION IN THE GAS-FED HOLLOW-CATHODE ARC
AGN TP-203 OCT 1967
OAR ACCESS NO.....210920-002
BY KRETSCHMER C B
BOESCHOTEN F
DEMETER L J
INSTR...AF-33/615/03927
PROJECT.....7073

ARL 67-1303R
AEROJET GENERAL CORPORATION
RESEARCH IN HIGH TEMPERATURE PLASMA
AN 1551 AFAPL-TR-67-28
OAR ACCESS NO.....210920-003
BY LUCE J S
INSTR...AF-33/615/03927
PROJECT.....7073

ARL 67-1304P
PURDUE UNIVERSITY
ON SOME SELECTION AND RANKING PROCEDURES WITH APPLICATIONS TO MULTIVARIATE POPULATIONS
DEPT OF STATISTICS DIVISION OF MATHEMATICAL SCIENCES
PURDUE UNIVERSITY OCTOBER 1965
OAR ACCESS NO.....207130-002
BY GUPTA S S
STUDDEN W
INSTR...AF-33/657/11737
PROJECT.....7071

ARL 67-1305P
PURDUE UNIVERSITY
ON SELECTION AND RANKING PROCEDURES AND ORDER STATISTICS FROM THE MULTINOMIAL DISTRIBUTION
DEPT OF STATISTICS DIVISION OF MATHEMATICAL SCIENCES
PURDUE UNIVERSITY JUNE 1966
OAR ACCESS NO.....207130-001
BY GUPTA S S
NAGEL K
INSTR...AF-33/657/11737
PROJECT.....7071

ARL 67-1306M
OHIO STATE UNIVERSITY
RECENT DEVELOPMENTS IN MOLECULAR SPECTROSCOPY
LECTURE GIVEN AT ARL DECEMBER 1967
OAR ACCESS NO.....209520-011
BY RAO K N
INSTR...AF-33/615/02272
PROJECT.....7065

ARL 67-1307M
YALE UNIVERSITY
EXCITON PROPERTIES OF II-VI MATERIALS
LECTURE GIVEN AT ARL JUNE 1967
OAR ACCESS NO.....209520-012
BY WHELEN M G
INSTR...AF-33/615/02272
PROJECT.....7065

ARL 67-1308M
MITSUBISHI ELECTRIC CORPORATION
II-VI COMPOUNDS
LECTURE GIVEN AT ARL SEPTEMBER 1967
OAR ACCESS NO.....209520-013
BY SUNIAKI ISUKI
INSTR...AF-33/615/02272
PROJECT.....7065

ARL 67-1309M
UNIVERSITY OF KARLSRUHE
NON-LINEAR TRANSPORT PHENOMENA AND CONTACT PROBLEMS IN II-VI COMPOUNDS
LECTURE GIVEN AT ARL APRIL 1967
OAR ACCESS NO.....209520-014
BY STOECKMANN F
INSTR...AF-33/615/02272
PROJECT.....7065

ARL 67-1310M
UNIVERSITY OF MUNICH
IR WORK AND OTHER II-VI FIELDS OF WORK
LECTURE GIVEN AT ARL SEPTEMBER 1967
OAR ACCESS NO.....209520-015
BY RIEHL N W
INSTR...AF-33/615/02272
PROJECT.....7065

ARL 67-1311P
STANFORD UNIVERSITY
PHOTOELECTRONIC PROPERTIES OF DEFECTS IN CDSE
LECTURE GIVEN AT ARL APRIL 1967
OAR ACCESS NO.....209520-016
BY ROBINSON A L
INSTR...AF-33/615/02272
PROJECT.....7065

ARL 67-1312M
CINCINNATI UNIV RESEARCH FOUNDATION
ELECTRON BEAM STIMULATED EMISSION OF II-VI COMPOUNDS
LECTURE GIVEN AT ARL APRIL 1967
OAR ACCESS NO.....209520-017
BY BESEHMAN R
INSTR...AF-33/615/02272
PROJECT.....7065

ARL 67-1313M
UNIVERSITY OF ROCHESTER
SOME OF THE LATEST DISCOVERIES IN II-VI LASERS AND THEIR POTENTIAL APPLICATION IN SUCH AREAS AS LOW INTENSITY RADAR
LECTURE GIVEN AT ARL JUNE 1967
OAR ACCESS NO.....209520-018
BY DEXTER D
INSTR...AF-33/615/02272
PROJECT.....7065

ARL 67-1314M
UNIVERSITY OF MUNICH
RECENT RESEARCH CONCERNING SOLID STATE PHENOMENA IN INSULATING CRYSTALS PERFORMED AT HIS INSTITUTE
LECTURE GIVEN AT ARL SEPT 1967
OAR ACCESS NO.....209520-019
BY RIEHL N W
INSTR...AF-33/615/02272
PROJECT.....7065

ARL 67-1315L
AEROSPACE RESEARCH LABORATORIES
EXCITONS IN II-VI MATERIALS
LECTURE AT OHIO STATE UNIVERSITY NOVEMBER 1967
OAR ACCESS NO.....210580-018
BY REYNOLDS D C
INSTR...ARL-7065-00-04
PROJECT.....7065

ARL 67-1317L
AEROSPACE RESEARCH LABORATORIES
QUANTUM MECHANICS
COURSE TAUGHT AT AFIT WINTER AND SPRING - 1966-1967
OAR ACCESS NO.....210580-017
BY COLLINS T C
INSTR...ARL-7065-00-04
PROJECT.....7065

ARL 67-1318D
CLEVITE CORPORATION
DIFFUSION OF CU IN CDS SINGLE CRYSTALS
PRESENTED AT THE AMERICAN PHYSICAL SOCIETY MEETING MARCH 1967 CHICAGO ILL
OAR ACCESS NO.....208962-002
BY SULLIVAN G A
INSTR...AF-33/615/02708
PROJECT.....7065

ARL 67-1319D
CLEVITE CORPORATION
THE CADMIUM SULFIDE THIN FILM SOLAR CELL
PRESENTED AT THE OAR RESEARCH APPLICATIONS CONFERENCE
MARCH 1967
OAR ACCESS NO.....211000-002

BY SHIRLAND F A
INSTR...AF-33/615/05824
PROJECT.....7085

ARL 67-1320A
AEROSPACE RESEARCH LABORATORIES
ULTRAVIOLET REFLECTION STUDIES OF CDS/CDSE SOLID SOLUTIONS
PRESENTED AT THE AMERICAN PHYSICAL SOCIETY MEETING MARCH
1967 CHICAGO
OAR ACCESS NO.....210580-018

BY PRAEMR C H
HENGEHOLD R L
INSTR...ARL-7035-00-04
PROJECT.....7788

ARL 67-1321H
NEW YORK UNIVERSITY
PRELIMINARY CALCULATIONS OF LOCAL MODES IN CDS
PRESENTED AT THE INTERNATIONAL CONFERENCE ON II-VI
SEMICONDUCTING COMPOUNDS SEPT 1967 PUBLISHED IN
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OAR ACCESS NO.....209061-003

BY PFEUTY P
DIRMAN J L
INSTR...AF-33/615/01746
PROJECT.....7085
HUSIMOVICI M A
BALKONSKI M

ARL 67-1322B
NEW YORK UNIVERSITY
THEORY OF LATTICE RAMAN EFFECT IN INSULATORS
PRESENTED AT THE AMERICAN PHYSICAL SOCIETY MEETING MARCH
1967 CHICAGO ILL
OAR ACCESS NO.....209061-004

BY GANGULY A K
DIRMAN J L
INSTR...AF-33/615/01746
PROJECT.....7085

ARL 67-1323K
AEROSPACE RESEARCH LABORATORIES
OPTICAL SYSTEMS FOR NIGHT TIME AIR-SEA RESCUE
TECHNICAL UNIEFING AT HQS ARRS ORLANDO FLA JAN 67
OAR ACCESS NO.....211310-001

MY KULP B A
INSTR...AHL-7235-00-01
PROJECT.....7235

ARL 67-1324A
KINGS COLLEGE
COLLISION CROSS-SECTIONS OF FORBIDDEN LINES OF THE
2SUP3SUPPERO AND 1SUUPSUPPERO CONFIGURATIONS
IAU MEETING, PRAGUE, 1967
OAR ACCESS NO.....208771-001

BY SEATON M J
SCHARM M
SMEMMING J
MARTENS P
CZYZAK S J
INSTR...AF-61/052/00877
PROJECT.....7114

ARL 67-1325A
AEROSPACE RESEARCH LABORATORIES
INITIAL RESULTS OF SIMULTANEOUS RADAR-OPTICAL SIGNATURE
MEASUREMENTS
2ND SYMPOSIUM ON GROUND IDENTIFICATION OF SATELLITES, MITRE
+ CORP, 2-6 OCT 67
OAR ACCESS NO.....210480-009

BY ROMEKE D M
VANDENBURGH R C
RISSELL K E
INSTR...AHL-7114-00-03
PROJECT.....7114

ARL 67-1326A
AEROSPACE RESEARCH LABORATORIES
MEASUREMENT OF POLARIZED LIGHT FROM SPACE OBJECTS
2ND SYMP ON GROUND IDENTIFICATION OF SATELLITES, MITRE CORP
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BY STEAD M P
VANDENBURGH R C
RISSELL K E
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ARL 67-1327M
KINGS COLLEGE
EXACT EQUATIONS OF MOTION FOR EXTENDED BODIES
CAMBRIDGE/LONDON RELATIVITY SEMINAR, 1967
OAR ACCESS NO.....208771-002

MY DIXON G
INSTR...AF-61/052/00877
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ARL 67-1328M
KINGS COLLEGE
SPACE-TIME SINGULARITIES AND THEIR LOCAL CHARACTERIZATION
CAMBRIDGE/LONDON RELATIVITY SEMINAR, 1967
OAR ACCESS NO.....208771-003

MY GEROCH R
INSTR...AF-61/052/00877
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ARL 67-1329M
KINGS COLLEGE
AN EXPLICIT DETERMINATION OF THE EMPTY SPACE-TIMES ON WHICH
THE WAVEEQUATION SATISFIES HUYGENDS PRINCIPLES
CAMBRIDGE/LONDON RELATIVITY SEMINAR, 1967
OAR ACCESS NO.....208771-004

BY MCLENAGHAN R G
INSTR...AF-61/052/00877
PROJECT.....7114

ARL 67-1330M
KINGS COLLEGE
KINEMATIC GEOMETRY
CAMBRIDGE/LONDON RELATIVITY SEMINAR, 1967
OAR ACCESS NO.....208771-005

BY SZEKERES G
INSTR...AF-61/052/00877
PROJECT.....7114

ARL 67-1331N
KINGS COLLEGE
POSSIBLE CONFORM INVARIANT INTERNAL DYNAMICAL BEHAVIOR AND
INTERNAL RIEMANNIAN SPACE TIME STRUCTURE OF ELEMENTARY
PARTICLES
CAMBRIDGE/LONDON RELATIVITY SEMINAR, 1967
OAR ACCESS NO.....208771-006

BY VECIER J P
INSTR...AF-61/052/00877
PROJECT.....7114

ARL 67-1332M
KINGS COLLEGE
THE 1967 TEXAS SYMPOSIUM ON RELATIVISTIC ASTROPHYSICS
CAMBRIDGE/LONDON RELATIVITY SEMINAR, 1967
OAR ACCESS NO.....208771-007

BY REES M
SCIAMA D W
INSTR...AF-61/052/00877
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ARL 67-1333M
KINGS COLLEGE
GRAVITATIONAL BOUNCE
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OAR ACCESS NO.....208771-008

MY ISRAEL W
INSTR...AF-61/052/00877
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ARL 67-1334M
TRW SYSTEMS INC
SPECTROGRAPHIC OBSERVATIONS OF A VERY HIGH PRESSURE
NITROGEN PLASMA
AT ARL IN ARZ CONFERENCE ROOM /21 DEC 67/
OAR ACCESS NO.....210960-001

BY GOLDSTEIN R
MASTRUP F N
INSTR...AF-33/615/05363
PROJECT.....7063

ARL 67-1335C
AEROSPACE RESEARCH LABORATORIES
FLOW AND HEAT TRANSFER PHENOMENA OF PLASMA ARCS
MAGNETICALLY BALANCED IN A CROSS FLOW
OAR RESEARCH REVIEW/ VOL. VI, NO. 9, PP. 1-9, /SEPTEMBER
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OAR ACCESS NO.....211380-006

MY NONAN W C
INSTR...ARL-7063-00-18
PROJECT.....7063

ARL 67-1336A
AEROSPACE RESEARCH LABORATORIES
CONDENSATION IN HYPERSONIC WIND TUNNELS
PAPER PRESENTED AT SYMPOSIUM ON NUCLEATION IN GAS DYNAMICS
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OAR ACCESS NO.....210160-006

BY DAUM F L
INSTR...ARL-7065-00-14
PROJECT.....7065

ARL 67-1337A
AEROSPACE RESEARCH LABORATORIES
THERMOLUMINESCENCE IN YTTRIA
PRESENTATION AT AMERICAN PHYSICAL SOCIETY, ANNUAL MEETING,
NEW YORK, N. Y.
OAR ACCESS NO.....210890-001

BY LAND P L
RODINE E T
CHAMFORD J A
INSTR...ARL-7021-00-12
PROJECT.....7021

ARL 67-1338A
AEROSPACE RESEARCH LABORATORIES
THE ZIRCONIA-SCANDIA SYSTEM
PRESENTATION AT 69TH ANNUAL MEETING, THE AMERICAN CERAMIC SOCIETY, NEW YORK, N. Y.
OAR ACCESS NO.....210010-002
BY R.IH R
DOMAGALA H F
GARRETT H J
INSTR...ARL-7021-00-16
PROJECT.....7021

ARL 67-1339B
UNIVERSITY OF DAYTON
ELECTRON RADIATION DAMAGE IN CADMIUM SELENIDE CRYSTALS
PROCEEDINGS ON THE SYMPOSIUM ON RADIATION EFFECTS IN SEMICONDUCTOR COMPONENTS, TOULOUSE, FRANCE, MARCH 7-10, 1967
OAR ACCESS NO.....208971-002
BY SCHULZ M J
KULP B A
INSTR...AF-33/615/01257
PROJECT.....7885

ARL 67-1340A
AEROSPACE RESEARCH LABORATORIES
DEFECT STRUCTURE OF A-NBSUBSOSUBS
PRESENTATION AT FALL MTG. ELECTRONICS DIV., AM. CER. SOC., KIAMESHA LAKE, N. Y.
OAR ACCESS NO.....209990-010
BY WIMMER J M
TRIPP W C
INSTR...ARL-7021-00-08
PROJECT.....7021

ARL 67-1341A
AEROSPACE RESEARCH LABORATORIES
CLASSES OF SILICON SUBOXIDES
PRESENTED AT INTERNATIONAL SYMPOSIUM ON DECOMPOSITION OF ORGANOMETALLIC COMPOUNDS TO REFRACTORY CERAMICS, METALS AND METAL ALLOYS, HELD AT SHERATON-DAYTON HOTEL, 28-30 NOV 67.
OAR ACCESS NO.....209720-023
BY SPIALTER L
INSTR...ARL-7023-00-09
PROJECT.....7023

ARL 67-1342A
AEROSPACE RESEARCH LABORATORIES
THE VOLATILE RARE EARTH CHELATES OF HEPTAFLUORODCTANEDIONE
PRESENTED AT THE INTERNATIONAL SYMPOSIUM ON THE DECOMPOSITION OF ORGANOMETALLIC COMPOUNDS TO REFRACTORY CERAMICS, METALS, AND METAL ALLOYS, DAYTON, OHIO, NOV 67.
OAR ACCESS NO.....209700-038
BY SPRINGER C S JR
INSTR...ARL-7023-00-07
PROJECT.....7023

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THERMOLUMINESCENCE AND OTHER PHOTOELECTRONIC PROCESSES
PRESENTATION, COMMISSION ON COLLEGE PHYSICS, LANSING, MICH
OAR ACCESS NO.....210890-002
BY LAND P L
INSTR...ARL-7021-00-12
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ARL 67-1344C
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ELECTROSTATIC CHARGING OF FLUID STREAMS
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OAR ACCESS NO.....211380-007
BY STEPHENS E O
INSTR...ARL-7063-00-15
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AEROSPACE RESEARCH LABORATORIES
APPLICATION OF HIGH-SPEED HOLOGRAPHIC PHOTOMICROSCOPY
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FILAMENTS IN ELECTRICAL CURRENT FIELDS
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OAR ACCESS NO.....211680-001
BY CRAMER K R
INSTR...ARL-7061-00-16
PROJECT.....7063

ARL 68-0001V
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A STUDY OF X-RAY FLUORESCENCE METHOD WITH VACUUM AND AIR-PATH SPECTROGRAPHS FOR THE DETERMINATION OF FILM THICKNESSES OF II-VI COMPOUNDS
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BY CHAN P L
INSTR...ARL-7023-00-09
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NEW YORK UNIVERSITY
BOUNDARY LAYER CHARACTERISTICS FOR HYPERSONIC FLOW WITH AND WITHOUT MASS ADDITION, FINAL REPORT JAN 1968
OAR ACCESS NO.....209300-014
BY FEHRI A
ZAKKAY V
DDC NUMBER.....AD668460
INSTR...AF-33/615 02215
PROJECT.....7064

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A USERS MANUAL FOR A COMPUTER PROGRAM TO REDUCE SPECTROGRAPHIC DATA FROM A ROTATIONALLY SYMMETRIC PLASMA, FINAL REPORT JAN 68
OAR ACCESS NO.....210360-004
BY OSS J P
INSTR...ARL-7073-00-01
PROJECT.....7073

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OHIO STATE UNIV RESEARCH FOUNDATION
HEAT TRANSFER MEASUREMENTS IN HYPERSONIC LOW DENSITY FLOWS WITH PHASE CHANGE COATINGS FINAL REPORT JAN 1968
OAR ACCESS NO.....207350-009
BY GREGOREK G M
LEE J D
DDC NUMBER.....AD669084
INSTR...AF-33/657/11060
PROJECT.....7065

ARL 68-0005U
OHIO STATE UNIV RESEARCH FOUNDATION
LOW PRESSURE MEASUREMENTS IN A HYPERSONIC WIND TUNNEL
OAR ACCESS NO.....207350-010
BY KROEGER F
DDC NUMBER.....AD669083
INSTR...AF-33/657/11060
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OAR ACCESS NO.....209730-006
BY BONE L I
SIECK L W
FUTRELL J H
DDC NUMBER.....AD666888
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 68-0007T
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CONVERGENCE STUDY OF A SELF-CONSISTENT ORTHOGONALIZED-PLANE-WAVE BAND CALCULATION FOR HEXAGONAL COS FINAL REPORT JAN 1968
OAR ACCESS NO.....210580-019
BY EUWEMA R N
CULLINS T C
SHANKLAND D G
DEWITT J S
DDC NUMBER.....AD667022
INSTR...ARL-7885-00-04
PROJECT.....7885

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BY ABRAMSON F P
FUTRELL J H
DDC NUMBER.....AD667023
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INVESTIGATION OF EXCITED STATES OF P SUPPER 3 / WITH THE SI SUPPER 30/P, /P SUPPER 31 REACTION
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OAR ACCESS NO.....210420-030
BY WILLMES H
HARRIS G I
INSTR...AWL-7112-00-01
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VELOCITY OF MOVING STRIATIONS
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OAR ACCESS NO.....210380-009
BY GARSCADDEN A
LEE D A
DDC NUMBER.....AD666891
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OAR ACCESS NO.....209900-01R
BY DALL D W
DDC NUMBER.....AD667081
INSTR...ARL-7066-00-06
PROJECT.....7066

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OAR ACCESS NO.....210420-029
BY HARRIS G I
HYDER A K JR
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BY RECSEY J G
SCHELLER K
DDC NUMBER.....AD667024
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LAMINAR HEAT TRANSFER TO A TWO DIMENSIONAL BLUNT FLAT NOSED BODY IN TRANSONIC AND SUPERSONIC FLOW
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OAR ACCESS NO.....207861-002
BY BOM J
SEGINER A
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UNIVERSITE DE PARIS
PHOTON-PHONON INTERACTION IN THIN FILMS
OAR ACCESS NO.....209092-003
BY BALKANSKI M
LE TOULLEC R
INSTR...AF-EOAR-0010-68
PROJECT.....7065

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BY TANNER R I
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PERFORMANCE ANALYSIS OF UTIAS IMPLOSION-DRIVEN HYPERVELOCITY LAUNCHER
OAR ACCESS NO.....210970-001
BY SEVRAY P A L
DDC NUMBER.....AD665116
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PROJECT.....7063

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AN ANALYTICAL STUDY OF A FLUID CYLINDER ARC MODEL BALANCED BY CROSSED MAGNETIC AND FLOW FIELDS FINAL REPORT JAN 1968
OAR ACCESS NO.....210611-001
BY KIMURA I M
HAN L S
DDC NUMBER.....AD669358
INSTR...F33615-67-C-1176
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VON KARMAN INSTITUTE FOR FLUID DYNAMICS
MOTOR PERFORMANCE OF THE M32-II BLUNT TRAILING EDGE BLADE SUPERSONIC COMPRESSOR
IN 20 APRIL 1967
OAR ACCESS NO.....7003P2-004
BY BREUGELMANS F
DDC NUMBER.....AD666047
INSTR...AF-EOAR-0065-65
PROJECT.....7063

ARL 68-0021U
BROWN UNIVERSITY
A STUDY OF ELECTRON RADIATION DAMAGE IN GAAS, GAP AND GAAS SUM1 SUB MINUS SUB XP SUB1 BASED ON RECOMBINATION RADIATION
JANUARY 1968
OAR ACCESS NO.....209831-001
BY PSPOSITO N M
DDC NUMBER.....AD669587
INSTR...AF-33(615)-67-C-1754
PROJECT.....7065

ARL 68-0022U
BROWN UNIVERSITY
ENHANCEMENT OF HEAT AND MASS TRANSFER IN A STAGNATION REGION BY FREE STREAM VORTICITY
OAR ACCESS NO.....207356-004
BY WILLIAMS G
DDC NUMBER.....AD669318
INSTR...F33615-67-C-1754
PROJECT.....7063

ARL 68-0023U
UNIVERSITY OF MINNESOTA
EXPERIMENTAL STUDY OF A TRANSPIRATION-COOLED, CONSUMICTED ARC
FEBRUARY 1968
OAR ACCESS NO.....207261-001
BY GNUDER G G
OFFENDER F
PERENT E W G
DDC NUMBER.....AD669310
INSTR...F33615-67-C-1353
PROJECT.....7063

ARL 68-0024T
AEROSPACE RESEARCH LABORATORIES
MICROSCOPIC PARTICLE SEPARATION AND APPLICATIONS FINAL REPORT FEB 1968
OAR ACCESS NO.....210560-004
BY POPLAWSKI R
MILLER H A
DDC NUMBER.....AD669357
INSTR...ARL-7116-00-05
PROJECT.....7116

ARL 68-0025U
OHIO STATE UNIVERSITY RESEARCH FOUNDATION
AN ELECTRIC ARC HELD STATIONARY BY A MAGNETIC FIELD IN A UNIFORM FLOW THEORY FOR LOW REYNOLDS NUMBER FLOW
OAR ACCESS NO.....211170-002
BY MODNETT P F
DDC NUMBER.....AD669088
INSTR...F33615-67-C-1758
PROJECT.....7063

ARL 68-0026T
AEROSPACE RESEARCH LABORATORIES
TABLE OF HARTREE-FOCK SELF CONSISTENT FIELD WAVE FUNCTIONS WITH EXCHANGE SUPPLEMENT IV FINAL REPORT FEB 1968
OAR ACCESS NO.....210660-013
BY KHUGER P K
MCDAVID B L
CZYZAK S J
DDC NUMBER.....AD669355
INSTR...AML-7116-00-01
PROJECT.....7116

ARL 68-0027T
AEROSPACE RESEARCH LABORATORIES
EXPERIMENTAL AND ANALYTICAL INVESTIGATION OF THE EXPANSION FLOW FIELD OF A DELTA WING AT HYPERSONIC SPEEDS FINAL REPORT FEB 1968
OAR ACCESS NO.....209910-00M
BY CROSS E J JR
DDC NUMBER.....AD669008
INSTR...AML-7064-00-07
PROJECT.....7064

ARL 68-0028T
AEROSPACE RESEARCH LABORATORIES
AERODYNAMICS OF THE HYPERSONIC SLIPPER [illegible]
OAR ACCESS NO.....209909-013
BY KOHEGE K H
HIGGS W S
DDC NUMBER.....AD667190
INSTR...AML-7064-00-06
PROJECT.....7064

ARL 68-0029U
NEW YORK UNIVERSITY
INTERACTION OF A CHEMICALLY REACTING LAMINAR BOUNDARY LAYER AND AN ABLATING SURFACE PART I ANALYSIS
OAR ACCESS NO.....209303-015
BY ENDOS J
PALLONE A
DDC NUMBER.....AD667770
INSTR...AF-19(628)-5215
PROJECT.....7064

ARL 68-0030T
AEROSPACE RESEARCH LABORATORIES
A NOTE ON THE VARIATION OF THE UNIT REYNOLDS NUMBER IN A FLAT PLATE AS A FUNCTION OF THE ANGLE OF ATTACK FINAL REPORT FEB 1968
OAR ACCESS NO.....[illegible]
BY DALL A D
DDC NUMBER.....AD669082
INSTR...ARL-7064-00-10
PROJECT.....7064

AML 68-00310
CORNELL AERONAUTICAL LABORATORY INC
A TUNNEL WIND TUNNEL FOR HIGH REYNOLDS NUMBER SUPERSONIC TESTING
AD-2297-A-1 FEB 1968
DAH ACCESS NO.....207891-003
BY FALK F J
DOC NUMBER.....AD680353
INSTR...AF-33(615)-6749
PROJECT.....7065

AML 68-00361
AEROSPACE RESEARCH LABORATORIES
PRESSURE DISTRIBUTION ON A CONE-CYLINDER-FLARE BODY AT MACH 10 IN THE PRESENCE OF FLOW SEPARATION FINAL REPORT FEB 1968
DAH ACCESS NO.....211750-001
BY FRIBERG E B
DOC NUMBER.....AD684328
INSTR...AML-7063-00-18
PROJECT.....7064

AML 68-00390
UNIVERSITY OF ILLINOIS
DYNAMICS OF OPTICAL MIXING IN A HE-NE LASER
DAH ACCESS NO.....210976-003
BY MILLER P S
CHELANGTON D F
VENGSEN J T
DOC NUMBER.....AD668086
INSTR...AF-33(615)-5208
PROJECT.....7071

AML 68-00349
CHEMISTRY RESEARCH LABORATORY
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JOURNAL OF GAS CHROMATOGRAPHY VOL. 5, NO. 6A 40 PP FEBRUARY 1968.
DAH ACCESS NO.....210700-010
BY GERE D R
MOSHIER P W
INSTR...AFL-7063-00-07
PROJECT.....7321

AML 68-00359
NEW YORK UNIVERSITY
A NOTE ON THE MIXING OF TWO PARALLEL SUPERSONIC STREAMS
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DAH ACCESS NO.....214300-027
BY TING L
ROSEN E J
INSTR...AF-33(615)-6725
PROJECT.....7066

APL 68-00389
GENERAL PHYSICS RESEARCH LABORATORY
ISOBARIC ANALOG STATES IN CIS-HUMPER35
THE PHYSICAL REVIEW, VOL. 166, NO. 4, 1969-1987, 20 DEC 67
DAH ACCESS NO.....210630-010
BY WATSON J D
MENTHOR (PHIL J.)
LEE P D
INSTR...AML-7112-00-07
PROJECT.....7112

AML 68-00389
AEROSPACE RESEARCH LABORATORIES
ONE-OVER-STATISTIC CONDITIONAL ESTIMATORS OF SHAPE PARAMETERS OF EXPONENTIAL AND PARETO DISTRIBUTIONS AND SCALE PARAMETERS OF TYPE II ASYMPTOTIC DISTRIBUTIONS OF SMALLEST OBTAINED FROM IEEE TRANSACTIONS ON RELIABILITY, VOL. R-16, NO. 2, PP. 160-164 /DEC. 1967/
DAH ACCESS NO.....210280-022
BY MOORE A H
MARTEL H L
INSTR...AML-7071-00-11
PROJECT.....7371

AML 68-00391
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A GENERALIZED GALERKIN-KANTOROVICH TREATMENT OF TRANSIENT LAMINAR FLOW THROUGH A PENETRABLE REGION
AIAA J. (HEAT MASS TRANSFER), VOL. 10, PP. 1439-1440, 1967.
DAH ACCESS NO.....203019-011
BY DEWALL H E
INSTR...AML-7064-00-37
PROJECT.....7064

AML 68-00409
AEROSPACE RESEARCH LABORATORIES
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DAH ACCESS NO.....230913-012
BY WEBELL M P
DOC NUMBER.....AD668411
INSTR...AML-7064-00-37
PROJECT.....7064

AML 68-00411
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[illegible] COMPOUNDS [illegible]
[illegible] PHYSICAL CHEMISTRY, 72, PP.
DAH ACCESS NO.....210730-050
BY [illegible]
[illegible]
INSTR...AML-7063-00-10
PROJECT.....7321

AML 68-00428
SYSTEMS RESEARCH LABORATORIES INC
LEED STUDY OF THE GROWTH OF ALUMINUM FILMS ON T[illegible] TR /1187/ S-AMF-6CF
REPRINTED FROM JOURNAL OF APPLIED PHYSICS, VOL. 39, NO. 13, PP. 5998-5006, DECEMBER 1967.
DAH ACCESS NO.....207891-002
BY JACKSON A G
HOOKER M P
HAAS T W
INSTR...F33615-[illegible]-C-1081
PROJECT.....7023

AML 68-00430
NEW YORK UNIVERSITY
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DAH ACCESS NO.....[illegible]300-010
BY TING L
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INSTR...AF-33(615)-2215
PROJECT.....7064

AML 68-00434
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THE DISSEMINATION OF NUMBERS DURING THE OXIDATION OF ZIRCONIUM
REPRINTED FROM TRANSACTIONS OF THE METALLURGICAL SOCIETY OF AIME, VOL. 239, SEPTEMBER 1967
DAH ACCESS NO.....211180-001
BY ROBINSON J A
RAPP R A
INSTR...AML-7071-00-15
PROJECT.....7021

AML 68-00454
AEROSPACE RESEARCH LABORATORIES
[illegible]SUPPRESSED AND [illegible] STATES IN 000-A NUCLEI FROM [illegible] TO [illegible] A=CA
PHYSICA LETTERS, 26 /DEC 1967, VOL 25B, NUMBER 7, PP 472-474
DAH ACCESS NO.....211260-001
BY WATSON J D
LEE P C
INSTR...AML-71 2-00-03
PROJECT.....7112

AML 68-00468
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REPRINTED FROM THE JOURNAL OF THE AMERICAN CERAMIC SOCIETY, VOL. 51, NO. 1, JANUARY 1968
DAH ACCESS NO.....211660-001
BY GUIN W
GARRETT H J
O'DONNELL R F
TALLAN N M
INSTR...AFL-1821-00-29
PROJECT.....7021

AML 68-00477
TECHNION RESEARCH AND DEVELOPMENT FOUNDATION
AN INTEGRAL METHOD FOR THE CALCULATION OF HEAT TRANSFER RATE IN LAMINAR SUPERSONIC SEPARATED FLOWS
TAE REPORT NO. 78 DEC 1967
DAH ACCESS NO.....207861-004
BY [illegible]NER A
N J
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INSTR...F33615-67-C-0033
PROJECT.....7063

AML 68-00487
BROWN UNIVERSITY
NATURAL CONVECTION FROM A HORIZONTAL CYLINDER IN THE PRESENCE OF A STRONG STABLY STRATIFIED LARGE STRESSING REYNOLDS NUMBERS
CITATION 1967
DAH ACCESS NO.....207152-005
BY DEVANE G
RICHARDSON P D
DOC NUMBER.....AD667197
INSTR...F33615-67-C-1756
PROJECT.....7063

APL AD-00490
ELECTRO-OPTICAL SYSTEMS INC
A STUDY OF INTERACTIONS BETWEEN ELECTRIC ARCS AND GAS FLOWS . FINAL REPORT APRIL 1967
DAH ACCESS NO.....207601-001
BY MASLOTTE C L
CANN G L
MANDEV R E
DOC NUMBER.....AD673388
INSTR...AF-33(615)-02711
PROJECT.....7063

AML 68-00501
AEROSPACE RESEARCH LABORATORIES
MATHEMATICAL PROPERTIES ASSOCIATED WITH COMBINATION LOCKS. FINAL REPORT MARCH 1968
DAH ACCESS NO.....210272-007
BY LUP H D
INSTR...AFL-7071-00-10
PROJECT.....7071

ARL 68-0051V
AEROSPACE RESEARCH LABORATORIES
COULOMETRIC TITRATION OF WURTZITE
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BY RIZZO F E
SMITH J V

OAR ACCESS NO.....209920-004
DDC NUMBER.....AD672856
INSTR...ARL-7021-00-01
PROJECT.....7021

ARL 68-0052V
AEROSPACE RESEARCH LABORATORIES
STATISTICAL DEPENDENCE BETWEEN RANDOM EFFECTS AND THE NUMBERS OF OBSERVATIONS ON THE EFFECTS FOR THE UNBALANCED ONE-WAY RANDOM CALSSIFICATION
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BY HARVILLE A

OAR ACCESS NO.....210272-004
DDC NUMBER.....AD672868
INSTR...ARL-7071-00-10
PROJECT.....7071

ARL 68-0053V
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BY TERRY J O
FUTRELL J H

OAR ACCESS NO.....209730-042
DDC NUMBER.....AD672855
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 68-0054V
AEROSPACE RESEARCH LABORATORIES
AN INVESTIGATION OF THE EFFECT OF SUCTION ON HYPERSONIC LAMINAR BOUNDARY-LAYER SEPARATION
AIAA JOURNAL, VOL. 6, NO. 2, FEBRUARY 1968.

BY HALL R O W
KONKEGI R H

OAR ACCESS NO.....209900-014
DDC NUMBER.....AD672239
INSTR...ARL-7064-00-06
PROJECT.....7064

ARL 68-0055N
OHIO STATE UNIVERSITY RESEARCH FOUNDATION
RADIATION FROM HIGH-PRESSURE PLASMAS
JOURNAL OF APPLIED PHYSICS, VOL. 39, NO. 1, PP. 168-15 / JANUARY 1968/.

BY BAUDER U F

OAR ACCESS NO.....207571-007
DDC NUMBER.....AD672461
INSTR...AF-33/615/01915
PROJECT.....7063

ARL 68-0056V
AEROSPACE RESEARCH LABORATORIES
DIFFUSION OF DISSOLVED GASES IN MOLTEN CONDENSATION POLYMERS
REPRINTED FROM J. OF APPLIED POLYMER SCIENCE, VOL. 11, 2587 /1967/

BY MORRISON M E

OAR ACCESS NO.....211150-009
DDC NUMBER.....AD669329
INSTR...ARL-7023-00-11
PROJECT.....7023

ARL 68-0057V
METALLURGY AND CERAMICS RESEARCH LABORATORY
THERMODYNAMICS OF THE TUNGSTEN-OXYGEN SYSTEM
TRANSACTIONS OF THE METALLURGICAL SOCIETY OF AIME, VOL. 239

BY RIZZO F E
HIGBEE L R
FRANK D F

OAR ACCESS NO.....211250-001
DDC NUMBER.....AD672462
INSTR...ARL-7021-00-22
PROJECT.....7021

ARL 68-0058V
AEROSPACE RESEARCH LABORATORIES
ION-MOLECULE REACTIONS OF PROPANE IONS WITH BENZENE, 1,3-BUTADIENE, HYDROGEN SULFIDE, AND NITRIC OXIDE
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BY BONE L I
FUTRELL J H

OAR ACCESS NO.....209730-043
DDC NUMBER.....AD672463
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 68-0059V
AEROSPACE RESEARCH LABORATORIES
SPLITTING OF EXCITON LINES IN WURTZITE-TYPE II-VI CRYSTALS BY UNIAXIAL STRESS
PUBLISHED PHYSICAL REVIEW LETTERS, VOL 20, NO. 2, 8 JAN 68

BY RODA T
LANGER D W

OAR ACCESS NO.....210550-015
DDC NUMBER.....AD672457
INSTR...ARL-7885-00-01
PROJECT.....7885

ARL 68-0060W
UNIVERSITY OF BARCELONA
INERT CARBON FREE RADICALS
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BY HALLESTER M

OAR ACCESS NO.....208171-009
DDC NUMBER.....AD672664
INSTR...AF-61/052/00749
PROJECT.....7023

ARL 68-0061U
DR. SHIH-I PAI
RESEARCH ON FLUID DYNAMICS IN JAPAN

BY SHIH-I PAI

OAR ACCESS NO.....210850-002
INSTR...AF-33/615/03968
PROJECT.....7063

ARL 68-0062U
DR. SHIH-I PAI
CRITICAL SURVEY OF MAGNETO-FLUID-DYNAMICS PART I - RESEARCH IN INDIA PART II - RESEARCH IN AUSTRIA AND GERMANY

BY SHIH-I PAI

OAR ACCESS NO.....210850-003
DDC NUMBER.....AD674613
INSTR...AF-33/615/03968
PROJECT.....7063

ARL 68-0063V
AEROSPACE RESEARCH LABORATORIES
APPROXIMATE SOLUTION OF THE LAMINAR BOUNDARY-LAYER EQUATIONS WITH MASS TRANSFER
AIAA JOURNAL, VOL. 6, NO. 2, FEBRUARY 1968.

BY BETHEL H E

OAR ACCESS NO.....209910-021
DDC NUMBER.....AD674875
INSTR...ARL-7064-00-07
PROJECT.....7064

ARL 68-0064T
AEROSPACE RESEARCH LABORATORIES
A GENERAL COMPUTER PROGRAM FOR EVALUATION OF TEMPERATURE PROFILES AND INTERFACE POSITION IN FILAMENTS UNDERGOING SOLIDIFICATION, FINAL REPORT SEP 1968

BY MORRISON M E

OAR ACCESS NO.....211150-025
INSTR...ARL-7023-00-11
PROJECT.....7023

ARL 68-0065U
MARQUETTE UNIVERSITY
RESEARCH ON DEFECT CONTROLLED ELECTRICAL PROPERTIES OF RUTILE, FINAL REPORT APRIL 1968

BY HIRTHE W M
BLUMENTHAL R N

OAR ACCESS NO.....208270-011
DDC NUMBER.....AD672281
INSTR...AF-33/615/01744
PROJECT.....7021

ARL 68-0066U
MONSANTO RESEARCH CORPORATION
INVESTIGATION OF HIGH-TEMPERATURE GAS CHROMATOGRAPHY SUBSTRATES

BY ROSS W D

OAR ACCESS NO.....207921-004
DDC NUMBER.....AD672980
INSTR...AF-33/615/01176
PROJECT.....7023

ARL 68-0067U
GENERAL ELECTRIC COMPANY
ELECTRIC ARCS IN TURBULENT FLOWS, III

BY FRIND G
DAWSKY H L

OAR ACCESS NO.....211050-001
DDC NUMBER.....AD674614
INSTR...F33615-67-C-1378
PROJECT.....7063

ARL 68-0068U
ROCKETDYNE
RESULTS ON STATISTICAL ESTIMATION AND HYPOTHESIS TESTING WITH APPLICATION TO THE WEIBULL AND EXTREME-VALUE DISTRIBUTIONS

BY MANN N

OAR ACCESS NO.....209560-005
DDC NUMBER.....AD672979
INSTR...AF-33/615/02818
PROJECT.....7071

ARL 68-0069T
AEROSPACE RESEARCH LABORATORIES
SURVEY OF EFFECT OF SURFACE PROPERTIES ON ANODE EROSION, FINAL REPORT APRIL 1968

BY NASCR N S

OAR ACCESS NO.....211390-001
INSTR...ARL-7073-00-07
PROJECT.....7073

ARL 68-0070T
AEROSPACE RESEARCH LABORATORIES
COMPUTATION OF AXIAL-SYMMETRIC TRANSONIC SWIRL FLOWS BY THE UNSTEADY FLOW APPROACH
OAR ACCESS NO.....211320-010
BY ARAITAGE J V
DDC NUMBER.....AD672282
INSTR...ARL-7071-00-20
PROJECT.....7071

ARL 68-0071U
OHIO STATE UNIVERSITY RESEARCH FOUNDATION
A LINEARIZED ANALYSIS OF MASS-TRANSFER EFFECTS ON CONFINED LAMINAR VORTEX FLOWS
OAR ACCESS NO.....208860-001
BY DURGGRAFT O M
DDC NUMBER.....AD674812
INSTR...AF-33(615)-01063
PROJECT.....7116

ARL 68-0072U
OHIO STATE UNIVERSITY RESEARCH FOUNDATION
AN EXPERIMENTAL STUDY OF THE FLOW IN A LOW-PRESSURE SWIRL CHAMBER
OAR ACCESS NO.....208860-002
BY LEE J D
INSTR...AF-33(615)-01063
PROJECT.....7116

ARL 68-0073T
AEROSPACE RESEARCH LABORATORIES
BASIC PARAMETERS FOR FILMS AND IMAGE INTENSIFIER-FILM COMBINATIONS AND PERFORMANCE COMPARISON FINAL REPORT MARCH 1968
OAR ACCESS NO.....210570-017
BY GEBEL R K H
DUKE G L
WESTWERDT H R
INSTR...ARL-7085-00-03
PROJECT.....7085

ARL 68-0074T
TECHNISCHE HOCHSCHULE AACHEN
INTERACTIONS OF AN ELECTRIC ARC PLASMA WITH TRANSVERSE MAGNETIC FIELDS AND GAS FLOWS. FINAL REPORT APR 1968
OAR ACCESS NO.....207870-003
BY FUCKS W
BARTELS K
FISCHER E
UHLENBUSCH J
INSTR...AF-61(052)-00805
PROJECT.....7063

ARL 68-0075T
AEROSPACE RESEARCH LABORATORIES
AN ALTERNATE DERIVATION OF SOME EQUATIONS OCCURRING IN A PAPER BY KRAICHNAN. FINAL REPORT APRIL 1968
OAR ACCESS NO.....211330-008
BY GUDERLEY K G
DDC NUMBER.....AD676595
INSTR...ARL-7071-00-21
PROJECT.....7071

ARL 68-0076U
SYSTEM DEVELOPMENT CORPORATION
A NEW METHOD OF ESTIMATING THE WEIBULL SHAPE PARAMETER TM-4003A, APRIL 1968
OAR ACCESS NO.....211480-001
BY MURTHY V K
INSTR...F33615-67-C-1865
PROJECT.....7071

ARL 68-0077V
AEROSPACE RESEARCH LABORATORIES
CONDENSATION OF AIR AND NITROGEN IN HYPERSONIC WIND TUNNELS AIAA JOURNAL, VOL. 6 NO. 3 MAR 68 PP. 454 TO 465
OAR ACCESS NO.....210160-011
BY DAUM F L
GYARMATHY G
DDC NUMBER.....AD674797
INSTR...ARL-7065-00-18
PROJECT.....7065

ARL 68-0078U
AVCO MISSILES
INVESTIGATION OF ACCELERATION MECHANISMS IN MPD ACCELERATORS
AVSSD-0044-68-CR, APRIL 1968
OAR ACCESS NO.....209101-001
BY MALLIARIS A C
DDC NUMBER.....AD674815
INSTR...F33615-67-C-1209
PROJECT.....7063

ARL 68-0080V
AEROSPACE RESEARCH LABORATORIES
INVESTIGATION OF FLOW SEPARATION OVER A REARWARD-FACING STEP IN A HYPERSONIC STREAM
AIAA JOURNAL, TN, VOL. 6, NO. 5, MAY 1968.
OAR ACCESS NO.....209810-014
BY SHANG J S
KORKEGI R H
DDC NUMBER.....AD674802
INSTR...ARL-7064-00-07
PROJECT.....7064

ARL 68-0081V
AEROSPACE RESEARCH LABORATORIES
ON THE REACTION OF OSUB2PLUS WITH CYCLOHEXANE
REPRINTED FROM THE JOURNAL OF PHYSICAL CHEMISTRY 72, 1071 (1968).
OAR ACCESS NO.....209730-087
BY FUTRELL J H
ADAMSON F P
TIERNAN T O
DDC NUMBER.....AD674827
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 68-0082V
AEROSPACE RESEARCH LABORATORIES
INTERNAL-CONVERSION-ELECTRON STUDY OF THE DECAY OF RUSUPPER103
REPRINT FROM THE PHYSICAL REVIEW, VOL 165, NO. 4, 1363-1370 , 20JAN68
OAR ACCESS NO.....210630-011
BY MANTHURUTHIL J C
HENNECKE H J
DDC NUMBER.....AD674829
INSTR...ARL-7112-00-02
PROJECT.....7112

ARL 68-0083V
AEROSPACE RESEARCH LABORATORIES
VOLATILE RARE EARTH CHELATES OF BETA-DIKETONES
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OAR ACCESS NO.....209700-075
BY SIEVERS R E
EISENTRAUT K J
SPRINGER C S JR
DDC NUMBER.....AD674836
INSTR...ARL-7023-00-07
PROJECT.....7023

ARL 68-0084V
AEROSPACE RESEARCH LABORATORIES
MODIFICATION OF A TIME-OF-FLIGHT MASS SPECTROMETER FOR INVESTIGATION OF ION-MOLECULE REACTIONS AT ELEVATED PRESSURES
REPRINTED FROM THE REVIEW OF SCIENTIFIC INSTRUMENTS, VOL. 39, NO. 3, 340-345, MARCH 1968.
OAR ACCESS NO.....209730-088
BY FUTRELL J H
TIERNAN T O
ADAMSON F P
MILLER C O
DDC NUMBER.....AD674831
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 68-0085V
AEROSPACE RESEARCH LABORATORIES
CONDITIONAL MAXIMUM-LIKELIHOOD ESTIMATORS, FROM SINGLY CENSORED SAMPLES, OF THE SCALE PARAMETERS OF TYPE II EXTREME-VALUE DISTRIBUTIONS FINAL REPORT MAY 1968
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OAR ACCESS NO.....210280-032
BY HARTER H L
MOORE A H
DDC NUMBER.....AD674839
INSTR...ARL-7071-00-11
PROJECT.....7071

ARL 68-0086V
AEROSPACE RESEARCH LABORATORIES
MORE ON THE CALCULATION OF AN INTEGRAL
REPRINTED FROM MATH OF COMPUTATION, VOL. 21, NO. 100, PP. 727-730, OCT 1967.
OAR ACCESS NO.....210310-017
BY FETTIS H E
DDC NUMBER.....AD674798
INSTR...ARL-7071-00-14
PROJECT.....7071

ARL 68-0087W
SYSTEMS RESEARCH LABORATORIES INC
OSUB2 AND CO INTERACTION WITH ALUMINUM FILMS GROWN ON TA /110/ 0968
REPRINT FROM SURFACE SCIENCE 10 1968 308-310 NORTH-HOLLAND PUBLISHING CO AMSTERDAM
OAR ACCESS NO.....207891-003
BY JACKSON A G
HUIKEN M P
HASS T B
DDC NUMBER.....AD674806
INSTR...F33615-67-C-1041
PROJECT.....7023

ARL 68-0088W
AEROSPACE RESEARCH LABORATORIES
SYSTEM FOR MEASURING MICROGRAM WEIGHT CHANGES UNDER CONTROLLED OXYGEN PARTIAL PRESSURE TO 1HOODECHIFES C
REPRINT FROM/ VACUUM MICROBALANCE TECHNIQUES, VOL. 6, PP. 141-157
OAR ACCESS NO.....209160-007
BY TUTOR W C
VEST R W
TALLAN N M
DDC NUMBER.....AD674840
INSTR...AF-33(657)-10815
PROJECT.....7021

ARL 68-0089W
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OAR ACCESS NO.....209571-008
BY HAUDES U H
INSTR.../AF-33/615/01915
PROJECT.....7063

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BY MOND B
HANSON M A
INSTR...ARL-7071-00-15
PROJECT.....7071

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BY NEMEH R M
HOPKINS R A
DDC NUMBER.....AD674841
INSTR...FJ1615-68-C-1249

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OAR ACCESS NO.....210470-004
BY PAYNE M
DDC NUMBER.....AD674845
INSTR...ARL-7114-00-04
PROJECT.....7114

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BRIGGS R A
DDC NUMBER.....AD674847
INSTR...ARL-7064-00-06
PROJECT.....7064

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BY GARSCADDEN A
PALMER M S
DDC NUMBER.....AD674800
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PROJECT.....7073

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DDC NUMBER.....AD674804
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PROJECT.....7023

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RESEARCH IN PURIFICATION AND SINGLE CRYSTAL GROWTH OF II-VI COMPOUNDS FINAL REPORT MAY 1968
OAR ACCESS NO.....208953-001
BY FABRIG N H
WEIR G N
BROWN L W
DDC NUMBER.....AD679636
INSTR...F33615-67-C-1575
PROJECT.....7684

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OAR ACCESS NO.....210390-002
BY ANTON M S
FRIZ W
DDC NUMBER.....AD675903
INSTR...ARL-7073-00-04
PROJECT.....7073

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OAR ACCESS NO.....209900-016
BY KURKEGI A M
DDC NUMBER.....AD676643
INSTR...ARL-7064-00-06
PROJECT.....7064

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PHOTOGRAPHIC RECORDINGS WITH ENHANCED CONTRAST USING THE STORAGE IMAGE AMPLIFIER, AND APPLICATIONS IN RESEARCH FINAL REPORT MAY 1968
OAR ACCESS NO.....210670-019
BY GEBEL R K H
CHARLES D
WENDT G
WESTWEROT M R
DDC NUMBER.....AD676287
INSTR...ARL-7885-00-03
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BASIC RESEARCH ON SYNTHESIS OF NEW PHOSPHORUS-NITROGEN REAGENTS FINAL REPORT MAY 1968
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BY RICHARDSON G A
NIELSEN N L
DDC NUMBER.....AD676650
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BY MORRIS J C
KREY R V
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DDC NUMBER.....AD676651
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BY SHISHA O
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BY [illegible] J
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OAR ACCESS NO.....208171-008
BY BALLESTER M
CASTANER J
RIERA J
INSTR...AF-61/052/00749
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ARL 68-0108U
TECHNION RESEARCH AND DEVELOPMENT FOUNDATION
SMALL SHIELDED THERMOCOUPLE TOTAL TEMPERATURE PROBES
OAR ACCESS NO.....207861-005
BY JOSEF R
YIGAL K
INSTR...F61052-67-C-0033
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OAR ACCESS NO.....207840-003
BY BENENSON D M
BAKER A J
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DDC NUMBER.....AD676041
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PROJECT.....7063

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OAR ACCESS NO.....211040-002
BY CHAUVIN J — DDC NUMBER.....AD676628
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OAR ACCESS NO.....209650-012
BY DECSEY J G — DDC NUMBER.....AD675187
INSTR...ARL-7023-00-02
PROJECT.....7023

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OAR ACCESS NO.....211100-002
BY DETHLEFSEN R — DDC NUMBER.....AD675105
INSTR...F33615-67-C-1388
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OAR ACCESS NO.....209730-006
BY TIERNAN T O — DDC NUMBER.....AD675289
TERRY J D — INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 68-0114T
AEROSPACE RESEARCH LABORATORIES
FREE MOLECULAR FLOW THROUGH A CIRCULAR TUBE OF FINITE LENGTH
OAR ACCESS NO.....209890-010
BY NAGARAJA K S — DDC NUMBER.....AD675995
INSTR...ARL-7064-00-05
PROJECT.....7064

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FURTHER STUDIES ON ELECTROMAGNETIC MEANS OF ADDING HEAT AND KINETIC ENERGY TO A GAS FINAL REPORT JULY 1968
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BY HALDEMAN C W — DDC NUMBER.....AD675556
TAKAHASHI M — INSTR...AF-33(615)02790
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OHIO STATE UNIVERSITY RESEARCH FOUNDATION
SOME NUMERICAL CALCULATIONS FOR AN ELECTRIC ARC IN A CYLINDRICAL TUBE
OAR ACCESS NO.....211120-003
BY MOONEY M F — DDC NUMBER.....AD675559
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BY MELTZINGER P — DDC NUMBER.....AD677098
GARSCADDEN A — INSTR...ARL-7073-00-04
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OAR ACCESS NO.....211190-013
BY LAWTON J — DDC NUMBER.....AD675190
MCMILLEN W D — INSTR...ARL-7023-00-11
SCHULLER K — PROJECT.....7023

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SOLID STATE PHYSICS RESEARCH LABORATORY
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BY PARK Y S — DDC NUMBER.....AD677017
MCCOMB C — INSTR...ARL-7365-00-04
PROJECT.....7365

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BY FETTIS H E — INSTR...ARL-7071-00-15
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OAR ACCESS NO.....210550-016
BY LOCK D C — DDC NUMBER.....AD677907
LUCKEN D R — INSTR...ARL-7365-00-01
PROJECT.....7365

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BY HOFFMANN H E — DDC NUMBER.....AD677916
INSTR...AF-33(615)01780
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BY ISAACSON R A — DDC NUMBER.....AD678156
WINICOUR J — INSTR...ARL-7114-00-08
PROJECT.....711-

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BY SARGENT C M — DDC NUMBER.....AD677911
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BY ABRAMSON F P — DDC NUMBER.....AD677905
FUTRELL J H — INSTR...ARL-7023-00-10
PROJECT.....7023

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BY VANTHURUTHIL J C — INSTR...ANL-7112-00-02
LEE F D — PROJECT.....7112
WATSON D D

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OAR ACCESS NO.....203733-091
BY WILKINSON F — DDC NUMBER.....AD677918
DUBOIS J T — INSTR...ARL-7023-00-10
PROJECT.....7023

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BEHRENS H — INSTR...ARL-7023-00-10
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OHIO STATE UNIVERSITY RESEARCH FOUNDATION
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OAR ACCESS NO.....209840-003
BY LEE J D — DDC NUMBER.....AD676047
INSTR...AF-33(615)01063
PROJECT.....7116

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BELL AND HOWELL RESEARCH LABORATORIES
ANALYTICAL TECHNIQUES FOR THE DETERMINATION OF TRACE IMPURITIES IN CADMIUM SULFIDE FINAL REPORT JULY 1968
OAR ACCESS NO.....209630-001
BY SOMA A J — DOC NUMBER.....AD679043
WILLARDSON H K — INSTN...AF-33/615/02701
PROJECT.....7885

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PERSEN LEIF
INVESTIGATION OF STREAMWISE VORTEX SYSTEMS GENERATED IN CERTAIN CLASSES OF CURVED FLOW PART II FINAL REPORT JULY 1968
OAR ACCESS NO.....211610-001
BY PERSEN L N — DOC NUMBER.....AD675561
INSTN...F61052-68-C-0029
PROJECT.....7063

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PERSEN LEIF
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OAR ACCESS NO.....211610-002
BY PERSEN L N — DOC NUMBER.....AD675560
INSTN...F61052-68-C-0029
PROJECT.....7063

ARL 68-0135U
UNIVERSITY OF ILLINOIS
DISPERSION EFFECTS IN A HIGH GAIN 3.39U HE-NE LASER APPLICATION TO THE LASER HETERODYNE MEASUREMENT OF PLASMA DENSITY
OAR ACCESS NO.....210870-003
BY LIU C — DOC NUMBER.....AD676033
VERDEYEN J T — INSTN...AF-33/615/01268
CHERRINGTON B E — PROJECT.....7073

ARL 68-0136U
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ON THE KINETIC THEORY OF PLASMAS FINAL REPORT JULY 1968
OAR ACCESS NO.....209280-005
BY KRITT A H — DOC NUMBER.....AD675934
SANDRI G — INSTN...AF-33/615/01910
PROJECT.....7073

ARL 68-0137T
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OAR ACCESS NO.....211700-001
BY QUINN R — DOC NUMBER.....AD675998
INSTN...ARL-7116-00-05
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BY ABRAMSON F P — DOC NUMBER.....AD677012
FURNELL J H — INSTN...ARL-7023-00-10
PROJECT.....7023

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UNIVERSITE DE PARIS
OPTICAL STUDIES OF LATTICE VIBRATION IN II-VI SEMICONDUCTING COMPOUNDS
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BY MALKANSKI M — INSTN...AF-EOAR-0016-68
PROJECT.....7985

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BY ROSS W D — DOC NUMBER.....AD674949
SIEVERS R E — INSTR...AF-33/615/01176
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OAR ACCESS NO.....209301-006
BY KLEINSTEIN G — DOC NUMBER.....AD679637
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ARL 68-0142U
CORNELL AERONAUTICAL LABORATORY INC
RESEARCH ON HYPERSONIC CONDENSATION PHENOMENA IN HIGH TEMPERATURE GASES VOLUME I - MERCURY CONDENSATION EXPERIMENTS FINAL REPORT AUGUST 1968
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OAR ACCESS NO.....208910-006
BY MERRITT G E — INSTR...AF-33/657/08302

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BY FALK J — DOC NUMBER.....AD679219
INSTN...AF-33/657/08302
PROJECT.....7116

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OAR ACCESS NO.....208910-007
BY FALK T J — INSTR...AF-33/657/08302
PROJECT.....7116

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BY NOVAK J R — INSTN...AF-33/615/08331
WINDSOR M W — PROJECT.....7023

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BY HASINGER S H — INSTN...ARL-7116-00-04
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OAR ACCESS NO.....208910-004
BY FALK T J — INSTN...AF-33/657/08302
PROJECT.....7116

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BY NEO A Z — INSTR...AF-61/052/00825
TANNHAUSER D S — PROJECT.....7021

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BY HYDER A K JR — DOC NUMBER.....AD677913
HARRIS G I — INSTR...ARL-7112-00-01
PROJECT.....7112

ARL 68-0149T
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BY BRIGGS P A — INSTN...ARL-7064-00-06
PETTY J S — PROJECT.....7064

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BY RAY J
PALMER R S
INSTR...ARL-7073-00-08
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OAR ACCESS NO.....209A00-002
BY CESS R D
TIWARI S N
SOTAK A E
DDC NUMBER.....AD679008
INSTR...AF-33/615/03104
PROJECT.....7063

ARL 68-0152U
TRW INC
RADIATION MEASUREMENTS FROM A PULSED HIGH-PRESSURE NITROGEN ARC FINAL REPORT AUGUST 1968
OAR ACCESS NO.....P10980-009
BY GOLDSTEIN R
MASTRUP F N
INSTR...AF-33/615/05303
PROJECT.....7063

ARL 68-0153U
CLEVITE CORPORATION, ELECTRONIC RESEARCH DIVISION
RESEARCH ON IMPROVED II-VI CRYSTALS
OAR ACCESS NO.....208962-003
BY SHIOZAWA L R
JOST J R
SULLIVAN G A
DDC NUMBER.....AD679366
INSTR...AF-33/615/02708
PROJECT.....7885

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IIT RESEARCH INSTITUTE
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OAR ACCESS NO.....210930-002
BY MELLS J J
INSTR...AF-33/615/05448
PROJECT.....7021

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BY ROM J
KRONZON Y
SEGINER A
INSTR...F61052-67-C-0033
PROJECT.....7063

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OAR ACCESS NO.....209590-001
BY MINARDI J E
INSTR...AF-33/615/03203
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INSTR...ARL-7063-00-16
PROJECT.....7063

ARL 68-1004A
AEROSPACE RESEARCH LABORATORIES
BETA-DIKETONE COMPOUNDS OF THE LANTHANIDES
PRESENTED AT UNIVERSITY OF HOUSTON, HOUSTON, TEXAS, 12 JAN 68.
OAR ACCESS NO.....209700-040
BY SPRINGER C S JR
INSTR...ARL-7023-00-07
PROJECT.....7023

ARL 68-1005A
AEROSPACE RESEARCH LABORATORIES
RARE EARTH BETA-DIKETONATE COMPLEXES
PRESENTED AT RICE UNIVERSITY, HOUSTON, TEXAS, 9 JAN 68.
OAR ACCESS NO.....209700-041
BY SPRINGER C S JR
INSTR...ARL-7023-00-07
PROJECT.....7023

ARL 68-1006A
AEROSPACE RESEARCH LABORATORIES
SOLUTION OF THE CLASSICAL POINT SOURCE EXPLOSION PROBLEM ON THE IBM 1620 AND 7094
OAR ACCESS NO.....211770-001
BY GOMESH J W
CASLIN J C
INSTR...ARL-7065-00-20
PROJECT.....7065

ARL 68-1007A
AEROSPACE RESEARCH LABORATORIES
NUMERICAL EVALUATION OF TEMPERATURE PROFILES AND INTERFACE POSITION IN FILAMENTS UNDERGOING SOLIDIFICATION
PRESENTED AT THE A.I.CH.E. MEETING HELD IN ST. LOUIS, MISSOURI, 18-21 FEB 68.
OAR ACCESS NO.....211150-010
BY MORRISON M E
INSTR...ARL-7023-00-11
PROJECT.....7023

ARL 68-1008A
AEROSPACE RESEARCH LABORATORIES
APPLICATION OF GAS CHROMATOGRAPHY TO METAL ANALYSES
PRESENTED AT GAS CHROMATOGRAPHY WORKSHOP, HELD AT MONSANTO RESEARCH CORPORATION, DAYTON, OHIO, 16 MAR 68.
OAR ACCESS NO.....209700-042
BY EISENTRAUT K J
INSTR...ARL-7023-00-07
PROJECT.....7023

ARL 68-1009A
AEROSPACE RESEARCH LABORATORIES
VOLATILE METAL COMPOUNDS
PRESENTED TO THE DAYTON HIGH SCHOOL HONORS SEMINAR, WRIGHT-PATTERSON AFB, OHIO, 29 FEB 68.
OAR ACCESS NO.....209700-043
BY SPRINGER C S JR
INSTR...ARL-7023-00-07
PROJECT.....7023

ARL 68-1010A
AEROSPACE RESEARCH LABORATORIES
ADVANCES IN MOLECULAR BIOLOGY AND PREDICTIONS FOR 2000 A.D.
PRESENTED AT THE HILLEL ACADEMY OF DAYTON, OHIO, 22 FEB 68.
OAR ACCESS NO.....209720-024
BY SPIALTER L
INSTR...ARL-7023-00-09
PROJECT.....7023

ARL 68-1011A
AEROSPACE RESEARCH LABORATORIES
THE ROLE OF LITERATURE, THEORY AND PREDICTIONS IN CHEMISTRY
PRESENTED AT THE DAYTON HONORS SEMINAR, ARL AUDITORIUM, W-P AFB, OHIO, 1 FEB 68.
OAR ACCESS NO.....209720-025
BY SPIALTER L
INSTR...ARL-7023-00-09
PROJECT.....7023

ARL 68-1012A
AEROSPACE RESEARCH LABORATORIES
THE ROLE OF APPARATUS AND EQUIPMENT IN CHEMISTRY
PRESENTED AT THE DAYTON HONORS SEMINAR, ARL AUDITORIUM, W-P AFB, OHIO, 25 JAN 68.
OAR ACCESS NO.....209720-026
BY SPIALTER L
INSTR...ARL-7023-00-09
PROJECT.....7023

ARL 68-1013A
AEROSPACE RESEARCH LABORATORIES
THE ROLE OF ENGLISH, LANGUAGES AND SYMBOLS IN CHEMISTRY
PRESENTED AT THE DAYTON HONORS SEMINAR, ARL AUDITORIUM, W-P AFB, OHIO, 11 JAN 68.
OAR ACCESS NO.....209720-027
BY SPIALTER L
INSTR...ARL-7023-00-09
PROJECT.....7023

ARL 68-1014A
AEROSPACE RESEARCH LABORATORIES
THE ROLE OF LOGIC AND MATHEMATICS IN CHEMISTRY
PRESENTED AT THE DAYTON HONORS SEMINAR, ARL AUDITORIUM, W-P AFB, OHIO, 18 JAN 68.
OAR ACCESS NO.....209720-028
BY SPIALTER L
INSTR...ARL-7023-00-09
PROJECT.....7023

ARL 68-1015A
VON KARMAN INSTITUTE FOR FLUID DYNAMICS
HIGH SPEED CASCADE TESTING AND ITS APPLICATION TO AXIAL FLOW SUPERSONIC COMPRESSORS
PAPER PRESENTED AT 13TH ANNUAL INTERNATIONAL GAS TURBINE CONFERENCE, AMERICAN SOCIETY OF MECHANICAL ENGINEERS.
OAR ACCESS NO.....211040-001
BY BREUGELMANS F
INSTR...F61052-67-C-0018
PROJECT.....7065

ARL 68-1215A
AEROSPACE RESEARCH LABORATORIES
SPACE AND TIME ASYMMETRIES IN PARTICLE PHYSICS
PAPER PRESENTED AT OU DEPT OF PHYSICS COLLOQUIUM
OAR ACCESS NO.....211060-012
BY POLUTER G P
INSTR...ARL-7112-00-01
PROJECT.....7112

ARL 68-1017A
AEROSPACE RESEARCH LABORATORIES
A NEW METHOD FOR DETERMINING ELECTRON TRAP ENERGIES FROM THERMOLUMINESCENT OR CONDUCTIVITY /GLOW CURVES/.
OAR ACCESS NO.....210690-003
BY LAND P L
INSTR...ARL-7021-00-12
PROJECT.....7021

ARL 68-1018A
INSTITUTE OF ENERGY CONVERSION AND ELECTRIC PROPULSION
DVL RESEARCH EFFORTS IN THE FIELD OF PLASMA ACCELERATION
LECTURE PRESENTED AT ANL IN ARL CONFERENCE ROOM /8 APRIL
OAR ACCESS NO.....211360-006
BY WICHMANN H G
INSTR...ARL-7063-00-13
PROJECT.....7063

ARL 69-1019A
AVCO CORPORATION
ELECTRIC CURRENT DISTRIBUTION IN AN MPD ACCELERATOR
PRESENTED AT 9TH SYMPOSIUM ON ENGINEERING ASPECTS OF MHD, TULLAHOMA, TENN. /3 APRIL 68/ ABSTRACT PUBLISHED IN PROCEEDINGS.
OAR ACCESS NO.....209201-002
BY MALLIARIS A C
INSTR...F33615-67-C-1209
PROJECT.....7063

ARL 68-1020A
AVCO-EVERETT RESEARCH LABORATORY
STUDIES ON AN INERT GAS DISK HALL GENERATOR WITH AN UPSTREAM PRE-IONIZING DISCHARGE
PRESENTED AT 9TH SYMPOSIUM ON ENGINEERING ASPECTS OF MHD, TULLAHOMA, TENN. /8 APRIL 68/ ABSTRACT PUBLISHED IN PROCEEDINGS
OAR ACCESS NO.....210650-002
BY LOUIS J F
INSTR...AF-33/615/03413
PROJECT.....7063

ARL 69-1021A
AVCO-EVERETT RESEARCH LABORATORY
THE DISK GENERATOR
PRESENTED AT 9TH SYMPOSIUM ON ENGINEERING ASPECTS OF MHD, TULLAHOMA, TENNESSEE /4 APRIL 68/ ABSTRACT PUBLISHED IN PROCEEDINGS
OAR ACCESS NO.....210650-003
BY LOUIS J F
INSTR...AF-33/615/03413
PROJECT.....7063

ARL 68-1022A
GENERAL DYNAMICS/CONVAIR
ELECTRIC ARC ATTACHMENT, HEAT TRANSFER, AND ELECTRODE EROSION OF HIGH CURRENT ARCS DRIVEN MAGNETICALLY OVER METAL ELECTRODES
PRESENTED AT 9TH SYMPOSIUM ON ENGINEERING ASPECTS OF MHD, TULLAHOMA, TENNESSEE, /3 APR 68/ ABSTRACT PUBLISHED IN PROCEEDINGS.
OAR ACCESS NO.....211100-001
BY OETHLEFSEN R
ROMAN R C
INSTR...F33615-67-C-1386
PROJECT.....7063

ARL 68-1023A
OHIO STATE UNIVERSITY RESEARCH FOUNDATION
HIGH PRESSURE ARGON ARCS
PRESENTED AT UNIVERSITY OF TEXAS PLASMA PHYSICS
OAR ACCESS NO.....207571-006
BY UWE DAUDER
INSTR...AF-33/615/01915
PROJECT.....7063

ARL 68-1024A
ELECTRO-OPTICAL SYSTEMS INC
HIGH POWER ELECTRIC PROPULSION ENGINES
PRESENTED AT 5TH SYMPOSIUM ON ADVANCED PROPULSION CONCEPTS, CHICAGO, ILL. /10 APRIL 68/
OAR ACCESS NO.....211470-001
BY CANN G L
INSTR...F33615-67-C-1913
PROJECT.....7063

ARL 68-1025A
DR. SHIH-I PAI
MODERN ASPECTS OF RADIATION MAGNETOGASDYNAMICS
ISAS NO. 404 MARCH 1967
OAR ACCESS NO.....210850-004
BY SHIH-I PAI
INSTR...AF-33/615/03968
PROJECT.....7063

ARL 68-1026M
DR. SHIH-I PAI
RADIATION MAGNETOGASDYNAMICS
PRESENTED AT DVL INSTITUTE FOR THEORETICAL GASDYNAMICS, AACHEN, GERMANY /21 AUG 67/
OAR ACCESS NO.....210850-005
BY SHIH-I PAI
INSTR...AF-33/615/03968
PROJECT.....7063

ARL 68-1027M
DR. SHIH-I PAI
MULTIFLUID THEORY OF MGD
PRESENTED AT INSTITUTE FOR THEORETICAL PHYSICS, UNIV. OF INNSBRUCH, INNSBRUCK, AUSTRIA /24 JULY 67/
OAR ACCESS NO.....210850-006
BY SHIH-I PAI
INSTR...AF-33/615/03968
PROJECT.....7063

ARL 68-1028M
DR. SHIH-I PAI
FLOW PROBLEMS OF MGD
PRESENTED AT DEPT. OF PHYSICS, UNIV. OF GRAZ, GRAZ, AUSTRIA /29 MAY 67/
OAR ACCESS NO.....210850-007
BY SHIH-I PAI
INSTR...AF-33/615/03968
PROJECT.....7063

ARL 68-1029M
DR. SHIH-I PAI
MULTIFLUID THEORY OF MAGNETOGASDYNAMICS
PRESENTED AT INSTITUTE OF FLUID DYNAMICS AND FLUID MACHINERY, TECH. UNIV., KARLSRUHE, GERMANY /26 APRIL 67/
OAR ACCESS NO.....210850-008
BY SHIH-I PAI
INSTR...AF-33/615/03968
PROJECT.....7063

ARL 68-1030M
DR. SHIH-I PAI
QUASI-ONE DIMENSIONAL MAGNETOGASDYNAMICS
PRESENTED AT INTERNATIONAL SYMPOSIUM ON MHD ELECTRICAL POWER GENERATION, SALZBURG, AUSTRIA /4-8 JULY 66/
OAR ACCESS NO.....210850-009
BY SHIH-I PAI
INSTR...AF-33/615/03968
PROJECT.....7063

ARL 68-1031M
DR. SHIH-I PAI
MAGNETOGASDYNAMICS
SERIES OF LECTURES AS VISITING PROFESSOR AT INST. FOR FLUID DYNAMICS, TECHNICAL UNIVERSITY, VIENNA, AUSTRIA, /1 MAR - 10 AUG 67/
OAR ACCESS NO.....210850-010
BY SHIH-I PAI
INSTR...AF-33/615/03968
PROJECT.....7063

ARL 68-1032M
DR. SHIH-I PAI
HIGH TEMPERATURE EFFECTS IN GASDYNAMICS
PRESENTED AT INDIA INSTITUTE OF TECHNOLOGY, DEPT. OF MATH, BOMBAY, INDIA /21-22 FEB 67/
OAR ACCESS NO.....210850-011
BY SHIH-I PAI
INSTR...AF-33/615/03968
PROJECT.....7063

ARL 68-1033M
DR. SHIH-I PAI
RADIATION MAGNETOGASDYNAMICS
SERIES OF 8 LECTURES PRESENTED AT ISAS TOKYO UNIV., /1 SEP 66 - 28 JAN 67/
OAR ACCESS NO.....210850-012
BY SHIH-I PAI
INSTR...AF-33/615/03968
PROJECT.....7063

ARL 68-1034M
DR. SHIH-I PAI
MAGNETOGASDYNAMICS AND RADIATION GASDYNAMICS
SERIES OF /TWO/ LECTURES PRESENTED AT INDIA INSTITUTE OF TECHNOLOGY, DEPT. OF APPLIED MATH, BANGALORE, INDIA /15-16 FEB 67/
OAR ACCESS NO.....210850-013
BY SHIH-I PAI
INSTR...AF-33/615/03968
PROJECT.....7063

ARL 68-1035M
DR. SHIH-I PAI
HIGH TEMPERATURE EFFECTS IN GASDYNAMICS
PRESENTED AT INDIA INSTITUTE OF TECHNOLOGY, MADRAS, INDIA /13-14 FEB 67/
OAR ACCESS NO.....210850-014
BY SHIH-I PAI
INSTR...AF-33/615/03968
PROJECT.....7063

ARL 68-1036M
DR. SHIH-I PAI
WAVE PROPAGATIONS IN A PLASMA
PRESENTED AT TATA INSTITUTE OF FUNDAMENTAL RESEARCH, BOMBAY, INDIA /20 FEB 67/
OAR ACCESS NO.....210850-015
BY SHIH-I PAI
INSTR...AF-33/615/03968
PROJECT.....7063

ARL 68-1037M
DR. SHIH-I PAI
SOME FLOW PROBLEMS OF MFD
PRESENTED AT INDIA INSTITUTE OF TECHNOLOGY, DEPT. OF MATH, NEW DELHI, INDIA, /7-9 FEB 67/
OAR ACCESS NO.....210850-016
BY SHIH-I PAI
INSTR...AF-33/615/03968
PROJECT.....7063

ARL 68-1038M
DR. SHIH-I PAI
MAGNETOGASDYNAMICS AND RADIATION GASDYNAMICS
SERIES OF /TWO/ LECTURES PRESENTED AT INDIA INST. OF TECH., DEPT. OF MATH, KHARAGPUR, INDIA /2-4 FEB 67/
OAR ACCESS NO.....210850-017
BY SHIH-I PAI
INSTR...AF-33/615/03968
PROJECT.....7063

ARL 68-1039M
DR. SHIH-I PAI
HIGH TEMPERATURE EFFECTS IN GASDYNAMICS
PRESENTED AT AGRA COLLEGE, DEPT OF MATH, AGRA, INDIA /10 FEB 67/
OAR ACCESS NO.....210850-018
BY SHIH-I PAI
INSTR...AF-33/615/03968
PROJECT.....7063

ARL 68-1040A
INSTITUT FUR TECHNISCHE PHYSIK
MHD RESEARCH AT THE NUCLEAR RESEARCH CENTER /KFA/ IN JULICH GERMANY
LECTURE PRESENTED AT ARL IN ARL CONFERENCE ROOM /16 APRIL 1968/
OAR ACCESS NO.....211680-003
BY KOLB G
INSTR...ARL-7063-00-16
PROJECT.....7063

ARL 68-1041A
AEROSPACE RESEARCH LABORATORIES
IONIC PROCESSES IN CYCLOBUTANE
PRESENTED AT THE 15TH NATIONAL MEETING OF THE AMERICAN CHEMICAL SOCIETY, SAN FRANCISCO, CALIF., 31 MAR - 5 APR 68.
OAR ACCESS NO.....209730-059
BY HUGHES R M
HUNTER W L
TIERNAN T O
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 68-1042A
AEROSPACE RESEARCH LABORATORIES
HYDRIDE ION TRANSFER REACTIONS IN HYDROCARBON SYSTEMS
PRESENTED AT THE 15TH NATIONAL MEETING OF THE AMERICAN CHEMICAL SOCIETY, SAN FRANCISCO, CALIFORNIA, 31 MAR - 5 APR 68.
OAR ACCESS NO.....209730-060
BY TIERNAN T O
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 68-1043A
AEROSPACE RESEARCH LABORATORIES
THE FUTURE OF TRACE METAL ANALYSIS BY GAS CHROMATOGRAPHY
PRESENTED AT HEWLETT-PACKARD, AVONDALE, PENNSYLVANIA, 22 MAR 68.
OAR ACCESS NO.....209700-044
BY SIEVERS R E
INSTR...ARL-7023-00-07
PROJECT.....7023

ARL 68-1044A
AEROSPACE RESEARCH LABORATORIES
METAL MICROANALYSIS BY GAS CHROMATOGRAPHY
PRESENTED AT THE AMERICAN MICROCHEMICAL SOCIETY MEETING IN NEW YORK, NEW YORK, 21 MAR 68.
OAR ACCESS NO.....209700-065
BY STEVENS H E
INSTR...ARL-7023-00-07
PROJECT.....7023

ARL 68-1045A
AEROSPACE RESEARCH LABORATORIES
COMBUSTION OF BORON, MAGNESIUM, AND ALUMINUM SUSPENSIONS IN HYDROCARBON FUELS
PRESENTED AT INTERAGENCY CHEMICAL ROCKET PROPULSION THERMOCHEMISTRY WORKING GROUP SYMPOSIUM, HUNTINGTON BEACH, CALIFORNIA, 25-27 MARCH 1968.
OAR ACCESS NO.....211150-011
BY MORRISON M E
SCHELLER K
INSTR...ARL-7023-00-11
PROJECT.....7023

ARL 68-1046N
AEROSPACE RESEARCH LABORATORIES
STEREOCHEMISTRY OF SELECTED COMPLEXES OF FIRST ROW TRANSITION ELEMENTS
FROM UNIVERSITY OF WASHINGTON, SEATTLE, WASHINGTON, 18 MARCH 1968.
OAR ACCESS NO.....209700-046
BY ROSE N J
INSTR...AHL-7023-00-07
PROJECT.....7023

ARL 68-1047N
AEROSPACE RESEARCH LABORATORIES
UNIMOLECULAR DECOMPOSITION OF POSITIVE IONS
FROM DEPARTMENT OF CHEMISTRY, THE UNIVERSITY, SHEFFIELD 10, ENGLAND, 26 MARCH 1968.
OAR ACCESS NO.....209730-061
BY JENNINGS K
INSTR...ANL-7023-00-10
PROJECT.....7023

ARL 68-1048A
AEROSPACE RESEARCH LABORATORIES
FLOW VISUALIZATION USING GLOW DISCHARGE AT HYPERSONIC MACH NUMBERS
ASSOCIATION, 22-23 APR 68, AT US NAVAL ORDNANCE LAB, WHITE OAK, SILVER SPRING, MARYLAND.
OAR ACCESS NO.....211780-001
BY DAUN F L
FRIBERG E G
INSTR...ANL-7065-00-21
PROJECT.....7065

ARL 68-1049C
AEROSPACE RESEARCH LABORATORIES
A SIGNIFICANT ADVANCE IN THE STUDY OF ION-MOLECULE REACTIONS
OAR RESEARCH REVIEW, VOLUME VII, NUMBER 1, JANUARY 1968.
OAR ACCESS NO.....209730-062
BY TIERNAN T O
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 68-1050A
AEROSPACE RESEARCH LABORATORIES
THERMOGRAVIMETRIC ANALYSES AND VAPOR PHASE SEPARATIONS OF VOLATILE METAL COMPLEXES
PRESENTED AT OHIO VALLEY SECTION, SOCIETY FOR APPLIED SPECTROSCOPY, DAYTON, OHIO, 10 APR 68.
OAR ACCESS NO.....209700-047
BY EISENTRAUT K
INSTR...ARL-7023-00-07
PROJECT.....7023

ARL 68-1051A
AEROSPACE RESEARCH LABORATORIES
DISPERSIVE AND NONDISPERSIVE X-RAY FLUORESCENCE METHODS FOR THE DETERMINATION OF FILM THICKNESS OF CADMIUM SULFIDE AND RELATED COMPOUNDS
PRESENTED AT 7TH NATIONAL MEETING OF SOCIETY FOR APPLIED SPECTROSCOPY, CHICAGO, ILL., 13-17 MAY 68.
OAR ACCESS NO.....209700-048
BY CHAN P L
INSTR...ARL-7023-00-07
PROJECT.....7023

ARL 68-1052A
AEROSPACE RESEARCH LABORATORIES
NEGATIVE ION IMPACT STUDIES
PRESENTED AT 16TH ANNUAL CONFERENCE ON MASS SPECTROMETRY AND ALLIED TOPICS, PITTSBURGH, PA., 12-17 MAY 68.
OAR ACCESS NO.....209730-063
BY HUGHES B M
TIERNAN T O
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 68-1053A
AEROSPACE RESEARCH LABORATORIES
TRANSLATIONAL ENERGY EFFECTS FOR NEGATIVE ION-MOLECULE REACTIONS
PRESENTED AT 16TH ANNUAL CONFERENCE ON MASS SPECTROMETRY AND ALLIED TOPICS, PITTSBURGH, PA., 12-17 MAY 68.
OAR ACCESS NO.....209730-064
BY TIERNAN T O
HUGHES B M
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 68-1054A
AEROSPACE RESEARCH LABORATORIES
IONIC CHEMISTRY OF KETONES
PRESENTED AT 16TH ANNUAL CONFERENCE ON MASS SPECTROMETRY AND ALLIED TOPICS, PITTSBURGH, PA., 12-17 MAY 68.
OAR ACCESS NO.....209730-065
BY FERRY J D
TIERNAN T O
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 68-1055L
AEROSPACE RESEARCH LABORATORIES
OPTICAL PROPERTIES OF HIGH ENERGY GAP II-VI COMPOUNDS
LECTURE AT THE UNIVERSITY OF CINCINNATI, APRIL 1968
OAR ACCESS NO.....210580-020
BY REYNOLDS D C
INSTR...ARL-7885-00-04
PROJECT.....7885

ARL 68-1056M
PRINCETON UNIVERSITY
STABILITY OF IONIC AND PARTIALLY IONIC SURFACES
LECTURE GIVEN AT ARL, 4 MARCH 1968
OAR ACCESS NO.....209520-023
BY MARK P
INSTR...AF-33/615/02272
PROJECT.....7885

ARL 68-1057M
MAX-PLANCK GESELLSCHAFT
ELECTROLUMINESCENCE IN II-VI COMPOUNDS
LECTURE GIVEN AT ARL, 13 MAY 68
OAR ACCESS NO.....209520-024
BY GUMLICH H E
INSTR...AF-33/615/02272
PROJECT.....7885

ARL 68-1058M
TOKYO UNIVERSITY
ELECTRONIC STRUCTURE AND OPTICAL PROPERTIES OF MIXED CRYSTALS
LECTURE GIVEN AT ARL, 17 MAY 68
OAR ACCESS NO.....209520-025
BY TOYAZAWA Y
INSTR...AF-33/615/02272
PROJECT.....7885

ARL 68-1059M
PURDUE UNIVERSITY
THEORY OF EXCITON-IMPURITY COMPLEXES
LECTURE GIVEN AT ARL, 8 MARCH 1968
OAR ACCESS NO.....209520-026
BY TOYAZAWA Y
INSTR...AF-33/615/02272
PROJECT.....7885

ARL 68-1060L
AEROSPACE RESEARCH LABORATORIES
CRYSTAL GROWTH AND OPTICAL PROPERTIES OF II-VI MATERIALS
LECTURE - RCA LABORATORIES, PRINCETON, N.J., 11 JAN 68
OAR ACCESS NO.....210580-021
BY REYNOLDS D C
INSTR...APL-7885-00-04
PROJECT.....7885

ARL 68-1061A
AEROSPACE RESEARCH LABORATORIES
LASING TRANSITIONS IN II-VI COMPOUND SEMICONDUCTORS
PRESENTED AT THE KOREAN PHYSICAL SOCIETY MEETING, SEOUL, KOREA, APRIL 1968
OAR ACCESS NO.....210580-022
BY PARK Y S
INSTR...ARL-7885-00-04
PROJECT.....7885

ARL 68-1062B
STANFORD UNIVERSITY
EXPERIMENTAL VERIFICATION OF LANDAUS DISPERSION RELATION
8TH INTERNATIONAL CONFERENCE ON IONIZATION PHENOMENA IN GASES, PROCEEDINGS PAPER NO. 4. 3.1-8.1, P. 335, AUGUST 1967
OAR ACCESS NO.....208551-001
BY DENFLER H
SIMONEN T C
INSTR...F33615-67-C-1284
PROJECT.....7073

ARL 68-1063M
STANFORD UNIVERSITY
LANDAU WAVES
A SURVEY OF PHENOMENA IN IONIZED GASES, INTERNATIONAL ATOMIC ENERGY AGENCY, VIENNA, AUSTRIA
OAR ACCESS NO.....209051-032
BY OEHLER O
INSTR...F33615-67-C-1296
PROJECT.....7071

ARL 68-1064A
AEROSPACE RESEARCH LABORATORIES
A CRITICAL REVIEW OF THE GAS CHROMATOGRAPHY OF METAL CHELATES
COLLOQUIUM AT TUEBINGEN UNIVERSITY, TUEBINGEN, GERMANY, 5 JULY 1968.
OAR ACCESS NO.....209700-073
BY SIEVERS R E
INSTR...AHL-7023-00-07
PROJECT.....7023

ARL 68-1065A
AEROSPACE RESEARCH LABORATORIES
LOW ENERGY ELECTRON DIFFRACTION STUDY OF THE FAYITE/SUNFACE
PRESENTED AT FOURTH INTERNATIONAL MATERIALS SYMPOSIUM HELD AT UNIVERSITY OF CALIFORNIA, SAN FRANCISCO, 19-21 JUN 68.
OAR ACCESS NO.....209650-013
BY HAAS T W
INSTR...AHL-7023-00-02
PROJECT.....7023

ARL 68-1066A
AEROSPACE RESEARCH LABORATORIES
THE INTERRELATION BETWEEN THE SI-H STRETCHING FREQUENCY AND SUB SI-H SI-H/ AND REACTIVITY IN THE ALKOXY-HYDROSILANE REACTION
PRESENTED AT SECOND INTERNATIONAL SYMPOSIUM ON THE CHEMISTRY OF ORGANOSILICON COMPOUNDS, HELD IN BORDEAUX, FRANCE, 9-12 JULY 1968.
OAR ACCESS NO.....209720-044
BY SPIALTER L
SWANSIGER R A
INSTR...ARL-7023-00-09
PROJECT.....7023

ARL 68-1067A
AEROSPACE RESEARCH LABORATORIES
THE ADDITION OF GRIGNARD REAGENTS TO VINYLSILANES
PRESENTED AT 2ND INTERNATIONAL SYMPOSIUM ON THE CHEMISTRY OF ORGANO-SILICON COMPOUNDS, HELD IN BORDEAUX, FRANCE, 9-12 JULY 1968.
OAR ACCESS NO.....209720-045
BY BUELL G R
SPIALTER L
INSTR...ARL-7023-00-09
PROJECT.....7023

ARL 68-1068A
AEROSPACE RESEARCH LABORATORIES
RECENT ADVANCES IN THE PHOTOCHEMISTRY OF AZO ALKANES
PRESENTED AT OHIO STATE UNIVERSITY, COLUMBUS, OHIO, 21 JUNE 68.
OAR ACCESS NO.....209730-045
BY TERRY J O
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 68-1069N
UNIVERSITY OF FLORIDA
RADIATION CHEMISTRY OF PERFLUOROCARBONS
PRESENTED IN AHL CONFERENCE ROOM, WRIGHT-PATTERSON AFB, OHIO, MONDAY, 27 MAY 1968 AT 1400 HOURS.
OAR ACCESS NO.....209730-046
BY MANCOTTE R R
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 68-1070N
UNIVERSITY OF BARCELONA
RECENT PROGRESS IN PERFLUOROCARBON RESEARCH
PRESENTED IN AHL AUDITORIUM, WRIGHT-PATTERSON AFB, OHIO, TUESDAY, 21 MAY 1968 AT 2000 HRS.
OAR ACCESS NO.....20-172-031
BY BALLESTER M
INSTR...F61052-68-C-0043
PROJECT.....7023

ARL 68-1071N
UNIVERSITY OF BARCELONA
RECENT PROGRESS IN PERFLUOROCARBON RESEARCH
PRESENTED IN AHL AUDITORIUM, WRIGHT-PATTERSON AFB, OHIO, TUESDAY, 21 MAY 1968 AT 1430 HRS.
OAR ACCESS NO.....20-172-032
BY BALLESTER M
INSTR...F61052-68-C-0041
PROJECT.....7023

ARL 68-1072A
AEROSPACE RESEARCH LABORATORIES
TRANSPORT PROPERTIES OF GASES
SEMINAR PRESENTED AT AFIT, WRIGHT-PATTERSON AFB, OHIO, 28 MAY 1968.
OAR ACCESS NO.....211180-015
BY SCHELLER K
INSTR...AHL-7023-00-11
PROJECT.....7023

ARL 68-1073A
AEROSPACE RESEARCH LABORATORIES
COMBUSTION OF ALUMINUM, MAGNESIUM, AND BORON SUSPENSIONS IN HYDROCARBON FUELS
PRESENTED AT ICRPG THERMOCHEMISTRY WORKING GROUP, DOUGLAS ADVANCED RESEARCH LABORATORY, HUNTINGTON BEACH, CALIFORNIA, 25-27 MARCH 1968.
OAR ACCESS NO.....211180-016
BY MORRISON M P
SCHELLER K
INSTR...ARL-7023-00-11
PROJECT.....7023

ARL 68-1074A
AEROSPACE RESEARCH LABORATORIES
A STUDY OF THE PREMIXED FLAME OF CYANOGEN-OXYGEN-BORON TRICHLORIDE AS A LUMINOUS SOURCE
PRESENTED AT 1968 SPRING MEETING OF WESTERN STATES SECTION/ THE COMBUSTION INSTITUTE, UNIVERSITY OF SOUTHERN CALIFORNIA , LOS ANGELES, 29-30 APR 68.
OAR ACCESS NO.....211180-017
BY TISCHER M L
SCHELLER K
INSTR...ARL-7023-00-11
PROJECT.....7023

ARL 68-1075A
AEROSPACE RESEARCH LABORATORIES
METAL ANALYSES BY GAS CHROMATOGRAPHY USING FLUOROCARBON-CONTAINING META-DIKETONATE CHELATES
PRESENTED AT THE AMERICAN CHEMICAL SOCIETY NATIONAL MEETING , SAN FRANCISCO, CALIFORNIA, 1-5 APR 68.
OAR ACCESS NO.....209700-076
BY SIEVERS R E
CONNOLLY J W
HILTON A [illegible]
SCHMARZO [illegible] J E
RICHARDSON W E
INSTR...AHL-7023-00-07
PROJECT.....7023

ARL 68-1076A
AEROSPACE RESEARCH LABORATORIES
OPTONATION STUDIES IN GASEOUS NON-CARBON CONTAINING SYSTEMS
PRESENTED AT 4TH AFOSR COMBINED CONTRACTORS MEETING ON COMBUSTION DYNAMICS RESEARCH, MADRID, SPAIN, 7-12 JULY 1968 .
OAR ACCESS NO.....211150-018
BY SCHELLER K
ORTEN O
MUELLER G W
INSTR...AHL-7023-00-11
PROJECT.....7023

ARL 68-1077M
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
STUDIES ON ELECTROMAGNETIC MEANS OF ADDING HEAT AND KINETIC ENERGY TO A GAS.
LECTURE PRESENTED AT ARL BY DR. CHARLES W. HALDEMAN, 27 JUNE 1968.
OAR ACCESS NO.....209510-003
BY HALDEMAN C W
INSTR...AF-33(615)-02790
PROJECT.....7065

ARL 68-1078N
AEROSPACE RESEARCH LABORATORIES
MODERN COMPUTER SYSTEMS AND THEIR APPLICATIONS TO A RESEARCH LABORATORY
FROM INFORMATION SYSTEMS GROUP, RADIATION RESEARCH ASSOCIATES, HAGERSTOWN, MARYLAND, 31 JAN 68.
OAR ACCESS NO.....209720-046
BY GARRETT C
INSTR...AHL-7023-00-09
PROJECT.....7023

ARL 68-1079N
AEROSPACE RESEARCH LABORATORIES
STEREOCHEMISTRY OF TRANSITION METAL COMPLEXES
FROM DEPARTMENT OF CHEMISTRY, CORNELL UNIVERSITY, ITHACA, NEW YORK, 25 APR 68.
OAR ACCESS NO.....209700-084
BY RAY R C
INSTR...AHL-7023-00-07
PROJECT.....7023

ARL 68-1080A
AEROSPACE RESEARCH LABORATORIES
IONIC REACTIONS IN ETHYL CHLORIDE
PRESENTED AT INTERNATIONAL CONFERENCE ON RADIATION CHEMISTRY, ARGONNE NATIONAL LABORATORY, 12-15 AUGUST 1968.
OAR ACCESS NO.....209730-109
BY TIERNAN T O
HUGHES R H
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 68-1081A
AEROSPACE RESEARCH LABORATORIES
LA EXTRAORDINARIA QUIMICA DE LOS COMPUESTOS ORGANOSILICICOS
PRESENTED AT CENTRO DE INVESTIGACION Y DESARROLLO, PATRONATO RJUAN DE LA CIERVAX UNIVERSITY SPAIN, 23 JULY 1968.
OAR ACCESS NO.....209790-047
BY SPIALTER L
INSTR...ARL-7023-00-09
PROJECT.....7023

ARL 68-1082A
AEROSPACE RESEARCH LABORATORIES
MEASUREMENT OF ILLUMINATION-SOURCE-RELATED CHARACTERISTICS OF THE CYANOGEN-OXYGEN-HONON TRICHLORIDE FLAME SYSTEM
PRESENTED AT PYROTECHNICS SEMINAR, HANNONY LUDGE, ESTES PARK, COLORADO, 12-16 AUG 68.
OAR ACCESS NO.....P111190-021
BY TISCHER R L
SCHELLER K
INSTR...ARL-7023-10-11
PROJECT.....7023

ARL 68-1083N
AEROSPACE RESEARCH LABORATORIES
SILICON SUBOXIDES
PRESENTED TO OWENS ILLINOIS CO. PERSONNEL, TOLEDO, OHIO, 29 AUG 68.
OAR ACCESS NO.....209720-048
BY SPIALTER L
INSTR...ARL-7023-00-09
PROJECT.....7023

ARL 68-1084N
AEROSPACE RESEARCH LABORATORIES
METAL ANALYSIS BY GAS CHROMATOGRAPHY
17TH ANNUAL DENVER X-RAY CONFERENCE, APPLICATIONS OF X-RAY ANALYTICAL SECTION 11 NOVEMBER 1968
OAR ACCESS NO.....209700-088
BY SIEVERS R E
CARPENTER J T
INSTR...ARL-7023-00-07
PROJECT.....7023

ARL 68-1085N
NORTHEASTERN UNIVERSITY
IS NEWTONIAN PHYSICS THE ASYMPTOTIC LIMIT OF GENERAL RELATIVITY
GENERAL PHYSICS RESEARCH LABORATORY COLLOQUIUM, WPAFB, OHIO
OAR ACCESS NO.....208711-001
BY ARNOWITT R
INSTR...AF-33/615/03623
PROJECT.....7114

ARL 68-1086N
AEROSPACE RESEARCH LABORATORIES
RECENT STUDIES OF GASEOUS ION REACTIONS
FROM LASH MILLER CHEMICAL LABORATORIES, UNIVERSITY OF TORONTO, TORONTO 5, ONTARIO, CANADA, 22 AUG 68.
OAR ACCESS NO.....209730-110
BY HARRISON A G
INSTR...ARL-7023-30-10
PROJECT.....7023

ARL 68-1087N
AEROSPACE RESEARCH LABORATORIES
THE STRUCTURE OF ELECTROLYTE SOLUTIONS IN HYDROGEN BONDED SOLVENTS
FROM DEPARTMENT OF CHEMISTRY, CASE WESTERN RESERVE UNIVERSITY, CLEVELAND, OHIO, 26 APR 68.
OAR ACCESS NO.....209650-014
BY EVANS D F
INSTR...ARL-7023-00-02
PROJECT.....7023

ARL 68-1088N
CINCINNATI UNIV RESEARCH FOUNDATION
INFERENCES OF DYNAMICAL MOTIONS OF THE UKJ SATELLITE VIA OPTICAL TECHNIQUES
OAR ACCESS NO.....209520-027
BY BENT R B
INSTR...AF-33/615/02272
PROJECT.....7114

ARL 68-1089N
CINCINNATI UNIV RESEARCH FOUNDATION
MACHS PRINCIPLE AND GENERAL RELATIVITY
GENERAL PHYSICS RESEARCH LABORATORY COLLOQUIUM, WPAFB, OHIO
OAR ACCESS NO.....209520-028
BY COHEN J
INSTR...AF-33/615/02272
PROJECT.....7114

ARL 68-1090N
CINCINNATI UNIV RESEARCH FOUNDATION
O P W METHOD OF CALCULATING ENERGY BANDS FOR SEMI-CONDUCTORS
GENERAL PHYSICS RESEARCH LABORATORY COLLOQUIUM WPAFB OHIO
OAR ACCESS NO.....209520-029
BY COLLINS T C
INSTR...AF-33/615/02272
PROJECT.....7114

ARL 68-1091N
CINCINNATI UNIV RESEARCH FOUNDATION
HIGHER MODES IN COLLECTIVE NUCLEI
GENERAL PHYSICS RESEARCH LABORATORY COLLOQUIUM.
OAR ACCESS NO.....209520-030
BY DAVIDSON J P
INSTR...AF-33/615/02272
PROJECT.....7112

ARL 68-1092N
CINCINNATI UNIV RESEARCH FOUNDATION
INTERNAL CONVERSION ELECTRON SPECTROSCOPY
GENERAL PHYSICS RESEARCH LABORATORY COLLOQUIUM WPAFB OHIO
OAR ACCESS NO.....209520-031
BY GEIGER J
INSTR...AF-33/615/02272
PROJECT.....7112

ARL 68-1093N
CINCINNATI UNIV RESEARCH FOUNDATION
GAUGE INDEPENDENT QUANTUM ELECTRODYNAMICS
GENERAL PHYSICS RESEARCH LABORATORY COLLOQUIUM WPAFB OHIO
OAR ACCESS NO.....209520-032
BY GOLDBERG I
INSTR...AF-33/615/02272
PROJECT.....7114

ARL 68-1094N
CINCINNATI UNIV RESEARCH FOUNDATION
NUCLEAR SPECTROSCOPY BY P D REACTION
GENERAL PHYSICS RESEARCH LABORATORY COLLOQUIUM WPAFB OHIO
OAR ACCESS NO.....209520-033
BY KASHY E
INSTR...AF-33/615/02272
PROJECT.....7112

ARL 68-1095N
CINCINNATI UNIV RESEARCH FOUNDATION
YANG-MILLS FIELD
GENERAL PHYSICS RESEARCH LABORATORY COLLOQUIUM WPAFB OHIO
OAR ACCESS NO.....209520-034
BY LOOS H
INSTR...AF-33/615/02272
PROJECT.....7114

ARL 68-1096N
CINCINNATI UNIV RESEARCH FOUNDATION
POSITION OPERATORS AND LOCALIZABILITY OF QUANTUM SYSTEMS
GENERAL PHYSICS RESEARCH LABORATORY COLLOQUIUM, WPAFB OHIO
OAR ACCESS NO.....209520-035
BY MALIN S
INSTR...AF-33/615/02272
PROJECT.....7114

ARL 68-1097N
CINCINNATI UNIV RESEARCH FOUNDATION
SPIN PROPULSION OF LARGE FLEXIBLE SATELLITES BY THE SOLAR RADIATION FIELD
GENERAL PHYSICS RESEARCH LABORATORY COLLOQUIUM, WPAFB, OHIO
OAR ACCESS NO.....209520-036
BY MAR J
INSTR...AF-33/615/02272
PROJECT.....7114

ARL 68-1098N
CINCINNATI UNIV RESEARCH FOUNDATION
ENERGY-MOMENTUM CONSERVATION & EINSTEINS FIELD EQUATIONS
GENERAL PHYSICS RESEARCH LABORATORY COLLOQUIUM, WPAFB, OHIO
OAR ACCESS NO.....209520-037
BY PEREIRA C
INSTR...AF-33/615/02272
PROJECT.....7114

ARL 68-1099N
CINCINNATI UNIV RESEARCH FOUNDATION
RECENT STUDIES ON O16
GENERAL PHYSICS RESEARCH LABORATORY COLLOQUIUM WPAFB OHIO
OAR ACCESS NO.....209520-038
BY PURSER K
INSTR...AF-33/615/02272
PROJECT.....7112

ARL 68-1100N
CINCINNATI UNIV RESEARCH FOUNDATION
COMPOSITE MODELS OF HADRONS AND HIGH ENERGY SCATTERING
GENERAL PHYSICS RESEARCH LABORATORY COLLOQUIUM WPAFB OHIO
OAR ACCESS NO.....209520-039
BY RAM M
INSTR...AF-33(615)02272
PROJECT.....7114

ARL 68-1101N
CINCINNATI UNIV RESEARCH FOUNDATION
ELECTROSTATIC PLASMA CONTAINMENT
GENERAL PHYSICS RESEARCH LABORATORY COLLOQUIUM WPAFB OHIO
OAR ACCESS NO.....209520-040
BY MASOR N
INSTR...AF-33(615)02272
PROJECT.....7114

ARL 68-1102N
CINCINNATI UNIV RESEARCH FOUNDATION
SOLAR PHYSICS RESEARCH AT OSSERVATORIO ASTROFISICO DE ARCETRI
GENERAL PHYSICS RESEARCH LABORATORY COLLOQUIUM WPAFB OHIO
OAR ACCESS NO.....209520-041
BY RIGHINI G
INSTR...AF-33(615)02272
PROJECT.....7114

ARL 68-1103N
CINCINNATI UNIV RESEARCH FOUNDATION
QUANTUM MECHANICS AND SOURCERY
GENERAL PHYSICS RESEARCH LABORATORY COLLOQUIUM WPAFB OHIO
OAR ACCESS NO.....209520-042
BY RUSSO M
INSTR...AF-33(615)02272
PROJECT.....7114

ARL 68-1104N
CINCINNATI UNIV RESEARCH FOUNDATION
GRAVITATION THEORY AND RECENT EXPERIMENTS
GENERAL PHYSICS RESEARCH LABORATORY COLLOQUIUM WPAFB OHIO
OAR ACCESS NO.....209520-043
BY WEBER J
INSTR...AF-33(615)02272
PROJECT.....7114

ARL 68-1105N
CINCINNATI UNIV RESEARCH FOUNDATION
PARTICLE HOLE STATES IN CLOSED SHELL NUCLEI
GENERAL PHYSICS RESEARCH LABORATORY COLLOQUIUM WPAFB OHIO
OAR ACCESS NO.....209520-044
BY WEITKAMP W
INSTR...AF-33(615)02272
PROJECT.....7112

ARL 68-1106A
AEROSPACE RESEARCH LABORATORIES
INVESTIGATION OF THE LEEWARD SIDE OF A DELTA WING AT HYPERSONIC SPEEDS
PAPER PRESENTED AT AIAA FLUID AND PLASMA DYNAMICS CONFERENCE, LOS ANGELES, CALIFORNIA, 24-26 JUNE 1968
OAR ACCESS NO.....209910-018
BY MANKEY W L
CROSS E J JR
INSTR...ARL-7064-00-07
PROJECT.....7064

ARL 68-1107A
AEROSPACE RESEARCH LABORATORIES
THE HYPERSONIC SLIPPERY BEARING--A TEST TRACK PROBLEM
PAPER PRESENTED AT AIAA FLUID AND PLASMA DYNAMICS CONFERENCE, LOS ANGELES, CALIFORNIA, 24-26 JUNE 1968
OAR ACCESS NO.....209900-021
BY KORKEGI R H
BRIGGS M A
INSTR...ARL-7064-00-06
PROJECT.....7064

ARL 68-1106B
OHIO STATE UNIV. RESEARCH FOUNDATION
HEAT TRANSFER MEASUREMENTS IN HYPERSONIC LOW-DENSITY FLOWS BY THIN SKIN TECHNIQUES AND PHASE-CHANGE COATINGS
PAPER PRESENTED AT AIAA 3RD AERODYNAMIC TESTING CONFERENCE, SAN FRANCISCO, CALIF., APRIL 8-10, 1968.
OAR ACCESS NO.....207351-001
BY GREGOREK C N
LEE J D
INSTR...F33615-68-C-1220
PROJECT.....7065

ARL 68-1109N
PRINCETON UNIVERSITY
THE FLOW UPSTREAM OF A BLUNT BODY IN HYPERSONIC FLOW FROM CONTINUUM TO NEARLY FREE MOLECULE CONDITIONS
PAPER PRESENTED AT SIXTH INTERNATIONAL RAREFIED GAS DYNAMICS SYMPOSIUM, M.I.T., 22-26JUL68, CAMBRIDGE, MASS.
OAR ACCESS NO.....209632-003
BY AMOUSE D R
MARRIOR P J
INSTR...F33615-67-C-1065
PROJECT.....7064

ARL 68-1110B
PRINCETON UNIVERSITY
AN INVESTIGATION OF HYPERSONIC AERODYNAMICS AT HIGH ALTITUDES
OAR APPLICATIONS CONFERENCE, 21 MAR 68. /PAPER PRESENTED/ VOL. I. OAR 68-302.
OAR ACCESS NO.....209632-004
BY HOGDONOFF S M
INSTR...F33615-67-C-1065
PROJECT.....7064

ARL 68-1111B
PRINCETON UNIVERSITY
EFFECT OF BODY INCLINATION ON THE MERGING OF A HYPERSONIC LOW DENSITY FLOW OVER SHARP TWO-DIMENSIONAL LINEAR BODIES
PAPER PRESENTED AT SIXTH INTERNATIONAL RAREFIED GAS DYNAMICS SYMPOSIUM, M.I.T., 22-26JUL68, CAMBRIDGE, MASS.
OAR ACCESS NO.....209632-005
BY VAS I E
IACAVAZZI C
CARLOMAGNO G
BOGDONOFF S M
INSTR...F33615-67-C-1065
PROJECT.....7064

ARL 68-1112B
PRINCETON UNIVERSITY
A DETAILED STUDY OF THE FLOW AROUND THE LEADING EDGE OF A FLAT PLATE IN HYPERSONIC LOW DENSITY FLOW
PAPER PRESENTED AT SIXTH INTERNATIONAL RAREFIED GAS DYNAMICS SYMPOSIUM, M.I.T., 22-26JUL68, CAMBRIDGE, MASS.
OAR ACCESS NO.....209632-006
BY JUSS W M
HOGDONOFF S M
INSTR...F33615-67-C-1065
PROJECT.....7064

ARL 68-1113B
PRINCETON UNIVERSITY
A STUDY OF MERGING ON CONES
PAPER PRESENTED AT SIXTH INTERNATIONAL RAREFIED GAS DYNAMICS SYMPOSIUM, M.I.T., 22-26JUL68, CAMBRIDGE, MASS.
OAR ACCESS NO.....209632-007
BY FEIK R A
GENCHI A
VAS I E
INSTR...F33615-67-C-1065
PROJECT.....7064

ARL 68-1114B
PRINCETON UNIVERSITY
ABSOLUTE DETERMINATION OF FLOW PARAMETERS IN A LOW DENSITY HYPERSONIC TUNNEL. PART I ELECTRON BEAM STUDIES OF TEMPERATURE AND DENSITY
PAPER PRESENTED AT SIXTH INTERNATIONAL RAREFIED GAS DYNAMICS SYMPOSIUM, M.I.T., 22-26JUL68, CAMBRIDGE, MASS.
OAR ACCESS NO.....209632-008
BY MARRIOR P J
INSTR...F33615-67-C-1065
PROJECT.....7064

ARL 68-1115B
NEW YORK UNIVERSITY
AN INVESTIGATION OF THREE-DIMENSIONAL JET CONTROL INTERACTION ON A CONICAL BODY
PAPER PRESENTED AT AGARD SPECIALISTS MEETING HELD IN LONDON , ENGLAND, 1-3 MAY 1968.
OAR ACCESS NO.....209301-002
BY ZAKKAY V
ERDOS J
CALARESE W
INSTR...F33615-68-C-1184
PROJECT.....7064

ARL 68-1116C
AEROSPACE RESEARCH LABORATORIES
ELIMINATION OF BOUNDARY-LAYER SEPARATION BY SLOT SUCTION
OAR RESEARCH REVIEW, VOL. VII, NO. 2, FEB 1968.
OAR ACCESS NO.....209900-022
BY DALL K C W
INSTR...ARL-7064-00-06
PROJECT.....7064

ARL 68-1117C
AEROSPACE RESEARCH LABORATORIES
RESEARCH ON HYPERSONIC STABILITY DERIVATIVES IN PITCH FOR BLUNTED SLENDER CONES
OAR RESEARCH REVIEW, VOL. II, NO. 2, FEB 1968.
OAR ACCESS NO.....209850-010
BY WALCHNER O
INSTR...ARL-7064-00-01
PROJECT.....7064

ARL 68-1118B
NEW YORK UNIVERSITY
ANALYSIS OF FLUID DYNAMICS OF SUPERSONIC COMBUSTION PROCESS CONTROLLED BY MIXING
PAPER PRESENTED AT 12TH INTERNATIONAL SYMPOSIUM ON COMBUSTION HELD IN POITIERS, FRANCE, 14-20 JULY 1968.
OAR ACCESS NO.....209301-003
BY FERRI A
FOX H
INSTR...F33615-68-C-1184
PROJECT.....7064

ARL 68-1119A
AEROSPACE RESEARCH LABORATORIES
ION-MOLECULE REACTIONS IN ALKYL HALIDES II. METHYL AND ETHYL BROMIDES
GREAT LAKES REGIONAL MEETING OF THE AMERICAN CHEMICAL SOCIETY, MILWAUKEE, WISCONSIN, JUN 14, 1968.
OAR ACCESS NO.....209730-127
BY TIERNAN T O
BHATTACHARYA A K
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 68-1120L
AEROSPACE RESEARCH LABORATORIES
ION-MOLECULE REACTIONS IN NORMAL ALKANES. HYDRIDE ION TRANSFER.
SEMINAR, UNIVERSITY OF UTAH, SALT LAKE CITY, UTAH, APRIL 8, 1968.
OAR ACCESS NO.....209730-123
BY TIERNAN T O
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 68-1121L
CHEMISTRY RESEARCH LABORATORY
IONIC REACTIONS IN THE RADIOLYSIS OF ETHYL CHLORIDE
LECTURE PRESENTED AT DOW CHEMICAL COMPANY, MIDLAND, MICHIGAN, JAN [illegible]
OAR ACCESS NO.....209730-129
BY HUGHES R M
TIERNAN T O
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 68-1122G
CHEMISTRY RESEARCH LABORATORY
IONIC REACTIONS IN ETHYL CHLORIDE
ADVANCES IN CHEMISTRY SERIES, 42, RADIATION CHEMISTRY II, AMERICAN CHEMICAL SOCIETY, WASHINGTON, D.C., pp 412-440 1964
OAR ACCESS NO.....209730-130
BY TIERNAN T O
HUGHES R M
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 68-1123M
TRW SYSTEMS
STUDIES OF RADIATIONLESS TRANSITIONS IN CORONENE USING NANOSECOND LASER PHOTOLYSIS AND SPECTROSCOPY
PRESENTED AT INTERNATIONAL CONFERENCE ON LUMINESCENCE, LOYOLA UNIVERSITY, CHICAGO, ILL., 20-23 AUG 68.
OAR ACCESS NO.....210980-001
BY WINDSOR M W
INSTR...AF-33(615)-05331
PROJECT.....7023

ARL 68-1124N
AIR FORCE INSTITUTE OF TECHNOLOGY
AN INTRODUCTION TO THE WORLD OF FUSION
LECTURE PRESENTED AT AWL IN WPAFB-007 226 APRIL 68.
OAR ACCESS NO.....211680-004
BY SOPER G K
INSTR...ARL-7043-00-10
PROJECT.....7043

ARL 68-1125N
CHEMISTRY RESEARCH LABORATORY
MASS SPECTROMETRIC STUDIES OF GASEOUS ION REACTIONS
FROM DEPARTMENT OF CHEMISTRY, UNIVERSITY OF TORONTO CANADA 22 AUG 68
OAR ACCESS NO.....209730-126
BY HARRISON A
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 68-1126C
AEROSPACE RESEARCH LABORATORIES
A FACILITY FOR JOINT BODY RE-ENTRY FLOW SIMULATION
OAR RESEARCH REVIEW ARTICLE, VOL. VII, NO. 4, APRIL 1968, pp 1-10.
OAR ACCESS NO.....211770-002
BY FRIDMAN E G
INSTR...ARL-7065-00-30
PROJECT.....7065

ARL 68-1127N
AVCO CORPORATION, SSD
TEMPERATURE MEASUREMENTS IN AN ARGON PLASMA
PRESENTED AT AWL, METALLURGY CONFERENCE, DAYTON, 23 APRIL 1968
OAR ACCESS NO.....207702-003
BY MORRIS J C
INSTR...F33(615)-68-C-1081
PROJECT.....7063

ARL 68-1128*
AEROSPACE RESEARCH LABORATORIES
AN EXPERIMENTAL INVESTIGATION OF THE TRANSPORT PROPERTIES OF ARGON IN A PULSED, HIGH CURRENT ARC
PRESENTED AT 8TH ANNUAL MEETING OF AMERICAN PHYSICAL SOCIETY DIVISION OF PLASMA PHYSICS, BOSTON MASS. NOV. 1966
CAV ACCESS NO.....211370-009
BY SCHNEIDER P W
INSTR...ARL-7063-00-14
PROJECT.....7063

ARL 68-1129L
AEROSPACE RESEARCH LABORATORIES
HOLOGRAPHY
SERIES OF 6 LECTURES PRESENTED BY MEMBERS OF AFIT, PART OF COURSE ON OPTICAL PHYSICS, APRIL 1968
OAR ACCESS NO.....211370-010
BY SCHNEIDER P W
INSTR...ARL-7063-00-14
PROJECT.....7063

ARL 68-1130L
AEROSPACE RESEARCH LABORATORIES
THE MEASUREMENT OF HIGH TRANSIENT DENSITIES
PRESENTED AT UNIVERSITY OF CALIFORNIA GRADUATE SUMMER SEMINAR PROGRAM, MARCH 1968
OAR ACCESS NO.....211370-011
BY SCHNEIDER P W
INSTR...ARL-7063-00-14
PROJECT.....7063

ARL 68-1131L
AEROSPACE RESEARCH LABORATORIES
ATOMIC AND MOLECULAR SPECTROSCOPY
SERIES OF 15 LECTURES PRESENTED AT AFIT, A 3 QUARTER HOUR COURSE IN OPTICAL PHYSICS, FALL 1967 - FALL 1968
OAR ACCESS NO.....211370-012
BY SCHNEIDER P W
INSTR...ARL-7063-00-14
PROJECT.....7063

ARL 68-1132L
AEROSPACE RESEARCH LABORATORIES
STATE OF THE ART
SERIES OF 5 LECTURES PRESENTED AT AFIT, PART OF COURSE ON OPTICAL PHYSICS, APRIL 1968
OAR ACCESS NO.....211370-013
BY SCHNEIDER P W
INSTR...ARL-7063-00-14
PROJECT.....7063

ARL 68-1133L
AEROSPACE RESEARCH LABORATORIES
HOLOGRAPHY
PRESENTED AT AWL IN AIA CONFERENCE [illegible], 22 MAY 1968
CAV ACCESS NO.....211370-014
BY SCHNEIDER P W
INSTR...ARL-7063-00-14
PROJECT.....7063

ARL 68-1134N
RAYTHEON SPACE DIVISION
LASER DOPPLER FLOW METER
PRESENTED AT AWL METALLURGY CONFERENCE, DAYTON 22 MAY 1968
CAV ACCESS NO.....211370-015
BY BERNARD R
INSTR...ARL-7063-00-14
PROJECT.....7063

ARL 68-1135L
AEROSPACE RESEARCH LABORATORIES
THE [illegible] INTERFEROMETER, A SIMPLE TOOL FOR PLASMA DIAGNOSTICS
PRESENTED AT AWL IN AIA CONFERENCE, DAYTON 21 MAY 1968
CAV ACCESS NO.....211370-016
BY SCHNEIDER P W
INSTR...ARL-7063-00-14
PROJECT.....7063

ARL 68-1136A
AEROSPACE RESEARCH LABORATORIES
INVESTIGATION OF ERRORS IN MEASURING MAGNETIC FIELDS IN HIGH TEMPERATURE PLASMA DISCHARGES
PRESENTED AT 21ST FLUID AND PLASMA DYNAMICS CONFERENCE, LOS ANGELES, CALIFORNIA 22-24 JUNE 1968
CAV ACCESS NO.....211370-017
BY SCHNEIDER P W
SCHWARZER R M
INSTR...ARL-7063-00-14
PROJECT.....7063

ARL 68-1137A
AEROSPACE RESEARCH LABORATORIES
OPTIMIZATION OF ARC RADIATION SOURCES
PRESENTED AT AIAA 3RD THERMOPHYSICS CONFERENCE, LOS ANGELES, CALIFORNIA, 29 JUNE 1968.
OAR ACCESS NO.....211370-018
BY BAUER U
FENSTERER P W
INSTR...ARL-7063-00-14
PROJECT.....7063

ARL 68-1138F
AEROSPACE RESEARCH LABORATORIES
DISCHARGE PROCESSES IN GAS LASERS
BOOK, A SURVEY OF PHENOMENA IN IONIZED GASES, PP. 375-400, INTNL ATOMIC ENERGY AGENCY, VIENNA, 1968
OAR ACCESS NO.....210380-011
BY GAHSCADDEN A
INSTR...ARL-7073-00-03
PROJECT.....7073

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UNIVERSITY OF TEXAS
NOISE EMISSION OF ELECTRODELESS RING DISCHARGES WITH STATIC MAGNETIC FIELD
PAPER 4.3.5.4 PROCEEDINGS OF THE VIIITH INT L CONF ON PHENOMENA OF IONIZED GASES, VIENNA AUSTRIA, 1967
OAR ACCESS NO.....210980-001
BY SCHLUTER H
INSTR...AF-33/615/05116
PROJECT.....7073

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AEROSPACE RESEARCH LABORATORIES
WIDE BAND /VISUAL SPECTRUM/ PHOTOELECTRIC PHOTOMETRY OF PAGEOS DURING ITS FIRST FIFTEEN MONTHS IN ORBIT
OAR ACCESS NO.....210460-011
BY VANDENBURGH R C
INSTR...ARL-7114-00-03
PROJECT.....7114

ARL 68-1141C
AEROSPACE RESEARCH LABORATORIES
SPECTROSCOPIC STUDIES IN A HIGH-TEMPERATURE HYDROGEN-ARC PLASMA
RESEARCH REVIEW /OAR/, VOL. VI, NO. 11, NOVEMBER 1967
OAR ACCESS NO.....210360-006
BY CORDIN J C JR
INSTR...ARL-7073-00-01
PROJECT.....7073

ARL 68-1142H
MARQUETTE UNIVERSITY
POINT DEFECTS AND THE SOLID STATE IN CERAMICS
AEROSPACE CORPORATION, LOS ANGELES, 14 MARCH 1968.
OAR ACCESS NO.....208270-016
BY HIRTHE W M
INSTR...AF-33/615/01244
PROJECT.....7021

ARL 68-1143L
AEROSPACE RESEARCH LABORATORIES
HIGH TEMPERATURE HALL MOBILITY TECHNIQUES IN LOW MOBILITY CONDUCTORS
PRESENTED AT PURDUE UNIVERSITY, 15 DECEMBER 1967.
OAR ACCESS NO.....209990-013
BY FALLAN N M
INSTR...ARL-7021-00-08
PROJECT.....7021

ARL 68-1144M
SYSTEM RESEARCH LABORATORIES
USE OF MICROBALANCE FOR DETERMINING THE DEFECT STRUCTURE OF METAL OXIDES
LECTURE AT PURDUE UNIVERSITY ON 31 JULY 1968
OAR ACCESS NO.....209160-004
BY TRIPP W
INSTR...AF-33/615/02765
PROJECT.....7021

ARL 68-1145J
METALLURGY AND CERAMICS RESEARCH LABORATORY
PATENT PROCESS OF FORMING PASSIVATING INTERNAL INSULATING BANDS IN SILVER-INDIUM ALLOYS
US PATENT NO 3 379 579 MAY 1968
OAR ACCESS NO.....211220-001
BY EVANS D F
INSTR...ARL-7021-00-19
PROJECT.....7021

ARL 68-1146J
MARQUETTE UNIVERSITY
RELATING THE LOW TEMPERATURE CONDUCTIVITY OF RUTILE TO ITS DEFECT STRUCTURE
MASTERS THESIS 2 JUNE 1968
OAR ACCESS NO.....208270-012
BY JOHNSON J
INSTR...AF-33/615/01244
PROJECT.....7021

ARL 68-1147J
MARQUETTE UNIVERSITY
AN INVESTIGATION OF THE LOW TEMPERATURE TIME DEPENDENCE OF THE ELECTRICAL CONDUCTIVITY OF RUTILE
MASTERS THESIS - AUGUST 1968
OAR ACCESS NO.....208270-013
BY MINALDI G
INSTR...AF-33/615/01244
PROJECT.....7021

ARL 68-1148J
MARQUETTE UNIVERSITY
ELECTROCHEMICAL STUDY OF THE THERMODYNAMIC PROPERTIES OF NON-STOICHIOMETRIC RUTILE
MASTERS THESIS 24 JANUARY 1968
OAR ACCESS NO.....208270-014
BY LOVE G
INSTR...AF-33/615/01244
PROJECT.....7021

ARL 68-1149J
WILKES COLLEGE
AMPLITUDE INDEPENDENT INTERNAL FRICTION IN SODIUM CHLORIDE
MASTERS THESIS AUGUST 1968
OAR ACCESS NO.....208431-004
BY HUDICK M G
INSTR...AF-33/615/01524
PROJECT.....7021

ARL 68-1150M
MARQUETTE UNIVERSITY
THE NATURE OF THE ELECTRICAL CONDUCTION TRANSCIENT BEHAVIOR OF RUTILE
PUBLISHED IN DL I ANISOTROPY IN SINGLE CRYSTAL REFRAFTORY COMPOUNDS PP 139 JUNE 1968.
OAR ACCESS NO.....208270-015
BY BLUMENTHAL R N
HIRTHE W M
PINZ B A
INSTR...AF-33/615/01244
PROJECT.....7021

ARL 68-1151C
METALLURGY AND CERAMICS RESEARCH LABORATORY
ZIRCONIA-HAFNIA RESEARCH
OAR RESEARCH REVIEW VOL VII NO 3 P 15 MARCH
OAR ACCESS NO.....209990-016
BY FALLAN N M
INSTR...ARL-7021-00-08
PROJECT.....7021

ARL 68-1152N
METALLURGY AND CERAMICS RESEARCH LABORATORY
THE FORMATION OF POINT DEFECTS IN BINARY ALLOYS
PURDUE UNIVERSITY COLLEGE OF ELECTRICAL ENGINEERING ON 12 AUG 1968
OAR ACCESS NO.....209990-017
BY VEST R W
INSTR...ARL-7021-00
PROJECT.....021

ARL 68-1153A
METALLURGY AND CERAMICS RESEARCH LABORATORY
SINTERING CHARACTERISTICS OF ULTRAFINE PARTICLE CERAMIC POWDERS
UNIVERSITY OF ILLINOIS 6 DEC 1967
OAR ACCESS NO.....209990-018
BY NELSON J A
INSTR...ARL-7021-00-08
PROJECT.....7021

ARL 68-1154N
METALLURGY AND CERAMICS RESEARCH LABORATORY
THE DYNAMICS OF CRYSTAL LATTICES WITH DEFECTS
UNIVERSITY OF CINCINNATI 12 DEC 1967
OAR ACCESS NO.....209990-019
BY GOODMAN B
INSTR...ARL-7021-00-08
PROJECT.....7021

ARL 68-1155A
METALLURGY AND CERAMICS RESEARCH LABORATORY
OXYGEN ACTIVITY GRADIENTS IN METAL OXIDES UNDER APPLIED ELECTRIC POTENTIALS AND THEIR INFLUENCE ON TRANSFERENCE NUMBER DETERMINATIONS BY POLARIZATION MEASUREMENTS
PURDUE UNIVERSITY 11 DECEMBER 1967
OAR ACCESS NO.....209990-020
BY VEST R W
INSTR...ARL-7021-00-08
PROJECT.....7021

ARL 68-1156A
METALLURGY AND CERAMICS RESEARCH LABORATORY
CURRENT RESEARCH ON THE DEFECT STRUCTURE AND TRANSPORT PROPERTIES OF COMPOUND SEMICONDUCTORS AT AIRI
FROM ATLANTIC INDUSTRIAL RESEARCH INSTITUTE HALIFAX NOVA SCOTIA CANADA 12 AUGUST 1968
OAR ACCESS NO.....209990-021
BY GRAY T J
INSTR...ARL-70.-00-08
PROJECT.....7021

ARL 68-1157N
METALLURGY AND CERAMICS RESEARCH LABORATORY
ELECTRONIC PROPERTIES OF CERAMIC MATERIALS
MASSACHUSETTS INSTITUTE OF TECHNOLOGY CAMBRIDGE MASS 27 MARCH 1968
OAR ACCESS NO.....209990-022
BY KIMERLING L C
INSTR...ARL-7021-00-04
PROJECT.....7021

ARL 68-1158N
METALLURGY AND CERAMICS RESEARCH LABORATORY
RELATIONSHIP BETWEEN DEFECT STRUCTURE AND ELECTRICAL PROPERTIES OF CERAMIC MATERIALS
NORTH CAROLINA STATE UNIV 26 MAR 1968
OAR ACCESS NO.....209990-023
BY DAVIS M H
INSTR...ARL-7021-00-08
PROJECT.....7021

ARL 68-1159N
METALLURGY AND CERAMICS RESEARCH LABORATORY
OXYGEN DIFFUSION
FROM UNIVERSITY OF ILLINOIS 12 AUGUST 68
OAR ACCESS NO.....210000-008
BY LIEBERMAN D S
INSTR...ARL-7021-00-04
PROJECT.....7021

ARL 68-1160N
METALLURGY AND CERAMICS RESEARCH LABORATORY
THE ROLE OF DIFFUSION IN FORMING OXIDE SCALES
UNIVERSITY OF ILLINOIS 12 JUNE 1968
OAR ACCESS NO.....210000-009
BY LIEBERMAN D S
INSTR...ARL-7021-00-09
PROJECT.....7021

ARL 68-1161N
METALLURGY AND CERAMICS RESEARCH LABORATORY
INTERRELATION BETWEEN G P ZONES PRECIPITATION AND STRENGTHENING IN ALUMINUM-ZINC ALLOYS
UNIVERSITY OF FLORIDA, 20 NOVEMBER 1967.
OAR ACCESS NO.....211160-004
BY HARKNESS S
INSTR...ARL-7021-00-13
PROJECT.....7021

ARL 68-1162N
METALLURGY AND CERAMICS RESEARCH LABORATORY
FRACTURE OF STEELS
MCMASTER UNIV HAMILTON ONTARIO CANADA 7 MARCH 1968
OAR ACCESS NO.....211180-002
BY EMBURY J D
INSTR...ARL-7021-00-15
PROJECT.....7021

ARL 68-1163N
METALLURGY AND CERAMICS RESEARCH LABORATORY
THERMODYNAMIC PROPERTIES AND PHASE EQUILIBRIA IN THE N-MG-O SYSTEM
OHIO STATE UNIVERSITY 19 DEC 1967
OAR ACCESS NO.....211190-001
BY KAPP N A
INSTR...ARL-7021-00-10
PROJECT.....7021

ARL 68-1164N
METALLURGY AND CERAMICS RESEARCH LABORATORY
TEXTURING IN COLD ROLLED METALS
UNIV OF CAMBRIDGE CAMBRIDGE ENGLAND 10 MARCH 1968
OAR ACCESS NO.....211220-002
BY DAVIES G J
INSTR...ARL-7021-00-14
PROJECT.....7021

ARL 68-1165N
METALLURGY AND CERAMICS RESEARCH LABORATORY
DISLOCATION DYNAMICS IN STRESS RELAXATION
PITTSBURGH PENNSYLVANIA 10 NOV 1967
OAR ACCESS NO.....211220-003
BY GUPTA I
INSTR...ARL-7021-00-19
PROJECT.....7021

ARL 68-1166N
METALLURGY AND CERAMICS RESEARCH LABORATORY
DETERMINING HIGH TEMPERATURE DIFFR CONSTANTS WITH THE AID OF X-RAY TECHNIQUES
NORTHWESTERN UNIVERSITY 20 JAN 1968
OAR ACCESS NO.....211220-004
BY JONES W B
INSTR...ARL-7021-00-17
PROJECT.....7021

ARL 68-1167R
BATTELLE MEMORIAL INSTITUTE
ULTRAFINE GRAIN CERAMICS
PRESENTED AT ARMY SAGAMORE CONFERENCE, 21 AUGUST 1968.
OAR ACCESS NO.....211080-001
BY LEIPOLD M
INSTR...F33615-67-C-1166
PROJECT.....7021

ARL 68-1168R
TECHNION RESEARCH & DEVELOPMENT FOUNDATION LTD
ELECTRICAL PROPERTIES OF MNO
PRESENTED AT CONFERENCE ON TRANSITION METAL OXIDES
HUCARFSET HUMANIA SEPTEMBER 1968
OAR ACCESS NO.....209290-006
BY BRANSKY I
GVISHI M
TANNHAUSER D S
INSTR...AF-61/052/00825
PROJECT.....7021

ARL 68-1169R
TECHNION RESEARCH AND DEVELOPMENT FOUNDATION LTD
EXPERIMENTAL EVIDENCE FOR HIGHLY MOBILE ELECTRONS IN NIO AND MNO AT HIGH TEMPERATURES
PRESENTED TO NATIONAL BUR. OF STDS SYMPOSIUM ON MASS TRANSPORT IN OXIDES GAITHERSBURG MD 22OCT67
OAR ACCESS NO.....209290-007
BY TANNHAUSER D S
TALLAN N M
GVISHI M
INSTR...AF-61/052/00825
PROJECT.....7021

ARL 69-1170R
TECHNION RESEARCH & DEVELOPMENT FOUNDATION LTD
HIGH TEMPERATURE DEFECT STRUCTURE AND ELECTRICAL PROPERTIES OF NIO
PRESENTED TO NATIONAL BUR. OF STANDARDS SYMPOSIUM ON MASS TRANSPORT IN OXIDES GAITHERSBURG MD 22 OCTOBER 1967
OAR ACCESS NO.....209290-008
BY BRANSKY I
TALLAN N M
INSTR...AF-61/052/00825
PROJECT.....7021

ARL 68-1171A
METALLURGY AND CERAMICS RESEARCH LABORATORY
ELECTRICAL PROPERTIES AND DEFECT STRUCTURE OF ZRO5U02
PRESENTED AT THE 70TH ANNUAL MTG. THE AMERICAN CERAMIC SOCIETY CHICAGO ILL. APRIL 1968.
OAR ACCESS NO.....209990-024
BY GRAHAM H C
WIMMER J M
TALLAN N M
INSTR...ARL-7021-00-08
PROJECT.....7021

ARL 68-1172A
METALLURGY AND CERAMICS RESEARCH LABORATORY
ELECTRICAL PROPERTIES AND DEFECT STRUCTURE OF SCSUM2CSUB3
PRESENTED AT THE 70TH ANNUAL MTG THE AMERICAN CERAMIC SOCIETY CHICAGO ILL APRIL 1968
OAR ACCESS NO.....209990-025
BY TRIPP W C
TALLAN N M
INSTR...ARL-7021-00-06
PROJECT.....7021

ARL 68-1173A
METALLURGY AND CERAMICS RESEARCH LABORATORY
A NEW METHOD FOR DETERMINING ELECTRON TRAP ENERGIES FROM THERMOLUMINESCENCE OR CONDUCTIVITY GLOW CURVES
PAPER PRESENTED AT AM. PHYSICAL SOC MTG BERKLEY CALIF 18-21 MAY AN APPEARED IN BULL AM PHYS SOC 13 NO 3 421 1968
OAR ACCESS NO.....210090-007
BY LAND P L
INSTR...ARL-7021-00-12
PROJECT.....7021

ARL 67-1174A
METALLURGY AND CERAMICS RESEARCH LABORATORY
THE RELATIVE THERMODYNAMIC PROPERTIES OF CUNALT-PALLADIUM SOLID SOLUTIONS
PRESENTED AT THE ANNUAL MTG OF THE METALLURGICAL SOCIETY OF AIME NEW YORK FEBRUARY 1968
OAR ACCESS NO.....211190-002
BY GEDWELL L M
WIZZO F E
SMITH J V
INSTR...ARL-7021-00-16
PROJECT.....7021

ARL 68-1175A
METALLURGY AND CERAMICS RESEARCH LABORATORY
MICROSTRUCTURAL ANAMOLIES AFFECTING TENSILE STRENGTH OF ALUMINUM OXIDE
PRESENTED AT THE 70TH ANN. MTG OF THE AMERICAN CERAMIC SOC CHICAGO ILL 21-24 APR 1968
OAR ACCESS NO.....211660-002
BY FLINN@ACHEN L E
NELSON J A
INSTR...ARL-7021-00-25
PROJECT.....7021

ARL 68-1176A
METALLURGY AND CERAMICS RESEARCH LABORATORY
MICROHARDNESS ANISOTHOPY IN ROCK SALT STRUCTURE OXIDES
PRESENTED AT THE 70TH ANNL MTG OF THE AMERICAN CERAMIC SOC
CHICAGO ILL 21-24 APRIL 1968
OAR ACCESS NO.....211660-003

BY CROW W B
FEHRENBACHER L L
INSTR...ARL-7021-93-24
PROJECT.....7021

ARL 68-1177A
METALLURGY AND CERAMICS RESEARCH LABORATORY
RARE EARTH IMPROVED ZIRCONIA REFRACTORIES FOR HYPERSONIC
WIND TUNNEL STORAGE HEATERS
PRESENTED AT MATERIALS CONFERENCE OF AM. INST OF CHEM.
ENGRS PHILADELPHIA PA 31 MAR-4 APR 1968.
OAR ACCESS NO.....211660-004

BY FEHRENBACHER L L
INSTR...ARL-7021-00-25
PROJECT.....7021

ARL 68-1178A
AEROSPACE RESEARCH LABORATORIES
GAS CHROMATOGRAPHY OF METAL CHELATES
PRESENTED AT SYMPOSIUM ON INORGANIC GAS CHROMATOGRAPHY,
156TH NATIONAL ACS MEETING, ATLANTIC CITY, NEW JERSEY, 9
SEP 68.
OAR ACCESS NO.....209700-100

BY STEVENS W E
EISENTRAUT K J
INSTR...ARL-7023-30-07
PROJECT.....7023

ARL 68-1179N
OHIO STATE UNIVERSITY RESEARCH FOUNDATION
NUCLEAR MAGNETIC RESONANCE STUDIES OF 3-ACYLATED-D-
CAMPHORATO COBALT III STUDIES
PRESENTED IN ARL CONFERENCE ROOM, WRIGHT-PATTERSON AFB,
OHIO, TUESDAY, 27 AUG 68 AT 1400 HRS.
OAR ACCESS NO.....211120-006

BY SPRINGER C S JR
INSTR...F33615-67-C-1758
PROJECT.....7023

ARL 68-1180N
AEROSPACE RESEARCH LABORATORIES
THERMAL DEGRADATION OF SILICONES
FROM DOW CHEMICAL CO., MIDLAND, MICHIGAN, PRESENTED AT ARL
CONFERENCE ROOM, 3 SEP 68.
OAR ACCESS NO.....209720-056

BY AUSTIN J D
INSTR...ARL-7023-00-09
PROJECT.....7023

ARL 68-1181A
AEROSPACE RESEARCH LABORATORIES
MASS SPECTROMETRIC STUDIES OF NEGATIVE ION-MOLECULE
REACTIONS
PRESENTED AT THE RADIATION RESEARCH LABORATORIES, MELLON
INSTITUTE, PITTSBURGH, PA., 23 SEP 68.
OAR ACCESS NO.....209730-131

BY TIERNAN T O
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 68-1182M
PHILCO FORD CORP.
PULSE TECHNIQUE FEASIBILITY STUDY ON MULTIMEGAWATT RF GAS
HEATERS AND RESEARCH ON ELECTRODELESS DISCHARGES AT HIGH
PRESSURES
PRESENTED AT ARL ARN, 29 AUGUST 1968
OAR ACCESS NO.....211470-010

BY HOLLISTER D D
INSTR...ARL-7063-00-14
PROJECT.....7063

ARL 68-1183J
AVCO CORPORATION
EXPERIMENTAL TESTS OF HYDROGEN U STARK BROADENING THEORY AT
HIGH ELECTRON DENSITIES
PRESENTED AT THE GORDON CONFERENCE, ANDOVER, NEW HAMPSHIRE
JULY 1968
OAR ACCESS NO.....207702-002

BY MORRIS J C
KREY P
SCHUNAKER J
PLEPHOF E
INSTR...F33615-68-C-1041
PROJECT.....7063

ARL 68-1184M
AVCO CORPORATION
VACUUM ULTRAVIOLET RADIATION AS AN IMPORTANT MEANS OF
ENERGY TRANSPORT IN A PLASMA
PRESENTED TO WESTINGHOUSE RESEARCH LABORATORY AT PITTSBURG,
PENNSYLVANIA MARCH 1968
OAR ACCESS NO.....207702-004

BY MORRIS J C
INSTR...F33615-68-C-1041
PROJECT.....7063

ARL 68-1185B
AVCO CORPORATION
A RADIATION STANDARD FOR VACUUM ULTRAVIOLET
PRESENTED AT 2ND INTERNATIONAL CONFERENCE ON VACUUM
ULTRAVIOLET RADIATION, GATLINBURG, TENN., 1 MAY 1968
OAR ACCESS NO.....207702-001

BY MORRIS J C
GARRISON R L
INSTR...F33615-68-C-1041
PROJECT.....7063

ARL 68-1186A
AEROSPACE RESEARCH LABORATORIES
THE INFLUENCE OF EXTRUSION VARIABLES ON THE MICRO STRUCTURE
OF COPPER
PRESENTED AT FALL MTG., MET. SOCIETY AIME, 14 OCTOBER 1968.
OAR ACCESS NO.....211220-006

BY ADAIN A M
FRANK O F
INSTR...AHL-7021-00-19
PROJECT.....7021

ARL 68-1187A
AEROSPACE RESEARCH LABORATORIES
APPARATUS FOR THERMOLUMINESCENCE MEASUREMENTS
PRESENTED AT THE SECOND INTERNATIONAL CONFERENCE ON
LUMINESCENCE DOSIMETRY, GATLINBURG, TENN., 23-26 SEPT. 1968
OAR ACCESS NO.....210890-008

BY LAND P L
WYSONG E D
INSTR...AHL-7021-00-12
PROJECT.....7021

ARL 68-1188A
AEROSPACE RESEARCH LABORATORIES
LOW-TEMPERATURE SYNTHESIS OF EUROPIUM AND YTTERBIUM
INTERMETALLIC COMPOUNDS
PRESENTED AT THE 7TH RARE-EARTH RESEARCH CONFERENCE,
CORONADO, CALIF., 27-31 OCTOBER 1968.
OAR ACCESS NO.....211660-001

BY CHAVEN W F
OSTERTAG W
INSTR...ARL-7021-00-23
PROJECT.....7021

ARL 68-1189A
AEROSPACE RESEARCH LABORATORIES
RARE-EARTH ZIRCONIA CERAMIC STORAGE HEATERS PROVIDING
FLIGHT SIMULATION FOR AIR BREATHING PROPULSION SYSTEMS
PRESENTED AT THE 1968 AIR FORCE SCIENCE & ENGINEERING
SYMPOSIUM, GOTTFRIED ARNOLD, TENN. 30-31OCT.1NOV68.
OAR ACCESS NO.....211660-007

BY FEHRENBACHER L L
INSTR...ARL-7021-00-25
PROJECT.....7021

ARL 68-1190
WILKES COLLEGE
AMPLITUDE DEPENDENT INTERNAL FRICTION IN SODIUM CHLORIDE
PRESENTED AT AMERICAN PHYSICAL SOCIETY, MIAMI BEACH, FLA.,
NOVEMBER 1968.
OAR ACCESS NO.....210890-009

BY LAND P L
INSTR...ARL-7021-00-12
PROJECT.....7021

ARL 68-1191D
GRUMMAN AIRCRAFT ENGINEERING CORPORATION
EXPERIMENTAL VELOCITY PROFILE DETERMINATIONS IN MHD FLOW
THROUGH A DIELECTRIC CIRCULAR CHANNEL
PRESENTED AT INTERNATIONAL SYMPOSIUM ON MHD ELECTRICAL
POWER GENERATION, WARSAW, POLAND, 28-30 JULY 1968.
PUBLISHED IN PROCEEDINGS.
OAR ACCESS NO.....210710-002

BY LOEFFLER A L JR
MACIOLAITIS A
HOFF M
INSTR...AF-33(615)05269
PROJECT.....7063

ARL 68-1192D
AVCO EVERETT RESEARCH LABORATORY
HIGH HALL COEFFICIENT EXPERIMENTS IN A LARGE DISK GENERATOR
PRESENTED AT INTNL SYMPOSIUM ON MHD ELECTRICAL POWER
GENERATION, WARSAW, POLAND, 28-30 JULY 68 PUBLISHED IN
PROCEEDINGS
OAR ACCESS NO.....210650-004

BY LUDIS J F
INSTR...AF-33(615)03413
PROJECT.....7063

ARL 68-1193M
ELECTRO-OPTICAL SYSTEMS INC
RADIATION MECHANISMS
PRESENTED AT SOUTHEAST MEETING OF AMERICAN PHYSICAL SOCIETY
AT LOS ALAMOS, NEW MEXICO JUNE 13OR PUBLISHED IN PROCEEDINGS
OAR ACCESS NO.....211870-002

BY CANN G L
HANSEN P L
INSTR...F33615-67-C-1913
PROJECT.....7063

ARL 68-1194
STATE UNIVERSITY OF NEW YORK AT BUFFALO
DIAGNOSTICS ON STEADY-STATE CROSS-FLOW ARCS
PRESENTED AT THE IEEE SUMMER POWER MEETING, CHICAGO, ILLINOIS 23-28 JUNE 1968
OAR ACCESS NO.....207840-002
BY GENESSON D M
MAKEN A J
CENKNER A A JR
INSTR...AF-33(615)01797
PROJECT.....7063

ARL 68-1195I
IIT RESEARCH INSTITUTE
TECHNIQUES FOR THE MEASUREMENT OF HIGH RESISTIVITY CERAMICS
PRESENTED AT JOINT FALL MTG. OF THE BASIC SCIENCE AND ELECTRONIC DIV. OF AMER. CERAM.SOC. ST.PAUL, MINN., SEPT 17-20, 1968.
OAR ACCESS NO.....210930-003
BY MILLS J J
INSTR...AF-33(615)05448
PROJECT.....7021

ARL 68-1196R
AEROJET GENERAL CORPORATION
THE EFFECT OF FINITE ION MASS ON THE STABILITY OF A SPACE CHARGE NEUTRALIZED ELECTRON BEAM
AGN TP 220 JUNE 1968
OAR ACCESS NO.....211390-002
BY FAULKNER J E
#ARE A A
INSTR...ARL-7073-00-07
PROJECT.....7073

ARL 68-1197R
SYSTEMS RESEARCH LABORATORIES INC
LEED STUDY OF GROWTH OF TIN FILMS ON NO (1)0
PRESENTED AT 4TH INTERNATIONAL MATERIALS SYMPOSIUM, BERKELEY, CALIFORNIA, JUNE 1968.
OAR ACCESS NO.....207891-004
BY JACKSON A G
HOOKER M P
INSTR...AF33(615)-67-C-1041
PROJECT.....7023

ARL 68-1198L
AEROSPACE RESEARCH LABORATORIES
DEACY OF CE SUPPER 143
PRESENTED AT APS MEETING, APR 1968
OAR ACCESS NO.....210430-020
BY COTHERN C R
HENNECKE H J
REPES J J
MANTHURUTHIL J C
INSTR...ARL-7112-00-02
PROJECT.....7112

ARL 68-1199A
AEROSPACE RESEARCH LABORATORIES
SPACE AND TIME ASYMMETRIES IN PARTICLE PHYSICS
PRESENTED AT UD COLLOQUIUM, 15 FEB 68
OAR ACCESS NO.....211260-003
BY POLHIER C P
INSTR...ARL-7112-00-03
PROJECT.....7112

ARL 68-1200A
AEROSPACE RESEARCH LABORATORIES
PROPERTIES OF LEVELS IN VSUPPER 47 FROM THE TISUPPER 46 P, GAMMA VSUPPER 47 REACTION
PRESENTED AT APS MEETING, NOV 1968
OAR ACCESS NO.....210430-021
BY WILLMES H
INSTR...ARL-7112-00-02
PROJECT.....711-

ARL 68-1201A
AEROSPACE RESEARCH LABORATORIES
M-SUBSHELL MEASUREMENTS IN SOME PURE E2 TRANSITIONS
PRESENTED AT APS MEETING, NOV 1968
OAR ACCESS NO.....210430-022
BY MANTHURUTHIL J C
INSTR...ARL-711-00-02
PROJECT.....7112

ARL 68-1202A
AEROSPACE RESEARCH LABORATORIES
DECAY OF ND SUPPER 147
PRESENTED AT APS MEETING, APR 68
OAR ACCESS NO.....210430-023
BY HENNECKE H J
WILLMES H
MANTHURUTHIL J C
DANIEL E
INSTR...ARL-7112-00-02
PROJECT.....7112

ARL 68-1203A
AEROSPACE RESEARCH LABORATORIES
DECAY OF CE SUPPER 143
PRESENTED AT APS MEETING, APRIL 1968
OAR ACCESS NO.....210430-024
BY COTHERN C R
REPES J J
HENNECKE H J
MANTHURUTHIL J C
INSTR...ARL-7112-00-02
PROJECT.....7112

ARL 68-1204A
AEROSPACE RESEARCH LABORATORIES
ISOBARIC ANALOG STATES IN 2S-1D SHELL NUCLEI
PRESENTED AT OSU SEMINAR, JAN 1968
OAR ACCESS NO.....210420-038
BY HARRIS G I
INSTR...ARL-7112-00-01
PROJECT.....7112

ARL 68-1205A
AEROSPACE RESEARCH LABORATORIES
ISOBARIC ANALOG STATES IN THE S-D SHELL
PRESENTED AT KU COLLOQUIUM FEBRUARY 1968
OAR ACCESS NO.....210420-040
BY HARRIS G I
INSTR...ARL-7112-00-01
PROJECT.....7112

ARL 68-1206A
AEROSPACE RESEARCH LABORATORIES
ENERGY LEVELS IN CL SUPPER 35
PRESENTED AT APS MEETING, APR 68
OAR ACCESS NO.....210430-025
BY LEE F D
WATSON D D
INSTR...ARL-7112-00-03
PROJECT.....7112

ARL 68-1207A
AEROSPACE RESEARCH LABORATORIES
PROPERTIES OF PSUPPER 30 LEVELS
OAR ACCESS NO.....210420-041
BY HARRIS G I
MYDER A H
WALINGA J
INSTR...ARL-7112-00-01
PROJECT.....7112

ARL 68-1208A
AEROSPACE RESEARCH LABORATORIES
DETERMINATION OF NUCLEAR LEVEL PROPERTIES WITH PHOTON CAPTURE REACTIONS
PRESENTED AT UCLA JOURNAL CLUB, 3 APR 68
OAR ACCESS NO.....210420-042
BY WILLMES H
INSTR...ARL-7112-00-01
PROJECT.....7112

ARL 68-1209A
AEROSPACE RESEARCH LABORATORIES
PROPERTIES OF CISUPPER 37 FROM THE SSUPPER 36 P, GAMMA CISUPPER 37 REACTION
PRESENTED AT APS MEETING, NOV 1968
OAR ACCESS NO.....210420-043
BY PERUZZO J J
HARRIS G I
INSTR...ARL-7112-00-01
PROJECT.....7112

ARL 68-1210A
AEROSPACE RESEARCH LABORATORIES
INTERNAL CONVERSION SPECTROSCOPY
PRESENTED AT NORTH CAROLINA STATE UNIVERSITY, PHYSICS COLLOQUIUM, MAY 1968
OAR ACCESS NO.....210430-026
BY HENNECKE H J
INSTR...ARL-7112-00-02
PROJECT.....7112

ARL 68-1211A
AEROSPACE RESEARCH LABORATORIES
MULTIPOLARITY ASSIGNMENTS IN IR SUPPER 193
PRESENTED AT APS MEETING, NOV 1968
OAR ACCESS NO.....210430-027
BY COTHERN C R
SHERRER J F
HENNECKE H J
MANTHURUTHIL J C
INSTR...ARL-7112-00-02
PROJECT.....7112

ARL 68-1212A
AEROSPACE RESEARCH LABORATORIES
ANALOG DOUBLET IN CL SUPPER 35
PRESENTED AT APS MEETING, NOV 1968
OAR ACCESS NO.....210430-028
BY WATSON D D
LEE F D
INSTR...ARL-7112-00-02
PROJECT.....7112

ARL 68-1213A
AEROSPACE RESEARCH LABORATORIES
M-SUBSHELL MEASUREMENTS IN SOME PURE E2 TRANSITIONS
PRESENTED AT WASHINGTON APS MEETING, APR 1968
OAR ACCESS NO.....210430-029
BY MANTHURUTHIL J C
INSTR...ARL-7112-00-02
PROJECT.....7112

ARL 68-1214A
AEROSPACE RESEARCH LABORATORIES
DECAY OF NO SUPPER 147
PRESENTED AT APS MEETING, APR 1968
OAR ACCESS NO.....210430-030
BY HENNECKE E J
VANTHUYNE J C
WILLMES H
DANBEN E
INSTR...ARL-7112-00-02
PROJECT.....7112

ARL 68-1215A
AEROSPACE RESEARCH LABORATORIES
TRANSIENT TEMPERATURE DISTRIBUTION OF AN IDEALIZED CONTACT SPOT
PRESENTED AT THE 8TH CONFERENCE ON THERMAL CONDUCTIVITY, PURDUE UNIVERSITY, LAFAYETTE, INDIANA, 8 OCT 68 .
ABSTRACT PUBLISHED IN PROCEEDINGS.
OAR ACCESS NO.....211680-005
BY CRAMER K R
INSTR...ARL-7063-00-16
PROJECT.....7063

ARL 68-1216A
AEROSPACE RESEARCH LABORATORIES
INVESTIGATION OF NEGATIVE ION REACTIONS AT ELEVATED PRESSURES IN A TIME-OF-FLIGHT MASS SPECTROMETER
PRESENTED AT THE TENTH ANNUAL TIME-OF-FLIGHT SYMPOSIUM ON MASS SPECTROMETRY, BENDIX SCIENTIFIC INSTRUMENTS DIVISION, CINCINNATI, OHIO, 10 OCT 68.
OAR ACCESS NO.....209730-132
BY TIEMAN T O
MARCOTTE W F
HUGHES H W
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 68-1217A
AEROSPACE RESEARCH LABORATORIES
LOW ENERGY ELECTRON DIFFRACTION STUDY OF THE NO 100 SURFACE
PRESENTED AT AMERICAN PHYSICAL SOCIETY MEETING, COLUMBUS, OHIO, 25 OCT 68.
OAR ACCESS NO.....209840-013
BY DOOLEY G J III
HAAS T W
INSTR...ARL-7063-00-01
PROJECT.....7023

ARL 68-1218A
AEROSPACE RESEARCH LABORATORIES
THERMAL DIFFUSION AND STRUCTURAL ORDER IN LIQUIDS
PUBLISHED IN OAR RESEARCH REVIEW, VOLUME VIII, NUMBER 3, MAY 1968.
OAR ACCESS NO.....209650-018
BY DECSEY J G
DIERLEIN J A
INSTR...ARL-7023-00-02
PROJECT.....7023

ARL 68-1219A
AEROSPACE RESEARCH LABORATORIES
SURVEY OF HIGH PRESSURE ELECTRIC ARC TECHNOLOGY
AIAA FLUID AND PLASMA DYNAMICS CONFERENCE, LOS ANGELES, CALIF, 24 - 26 JUNE 1968
OAR ACCESS NO.....211380-030
BY STEPHENS K G
INSTR...ARL-7063-00-15
PROJECT.....7063

ARL 68-1220A
SYSTEMS RESEARCH LABORATORIES INC
TOTAL REFLECTION COEFFICIENTS FOR THE CLEAN AND GAS COVERED NO 110 SURFACE FOR LOW PRIMARY ENERGIES
PRESENTED AT OHIO SECTION OF THE AMERICAN PHYSICAL SOCIETY MEETING, COLUMBUS, OHIO, OCTOBER 1968.
OAR ACCESS NO.....207H51-004
BY HOOKER M
JACKSON A G
INSTR...F33 15-67-C-1041
PROJECT.....7021

ARL 68-1221A
SYSTEMS RESEARCH LABORATORIES INC
LEED STUDY OF EFFECTS OF GAS ADSORPTION ON THE NO 110 SURFACE
PRESENTED AT OHIO SECTION OF THE AMERICAN PHYSICAL SOCIETY MEETING, COLUMBUS, OHIO, OCTOBER 1968.
OAR ACCESS NO.....207A61-006
BY JACKSON A G
HOOKER M P
INSTR...F33615-67-C-1041
PROJECT.....7023

ARL 68-1222A
AEROSPACE RESEARCH LABORATORIES
THE DECAY OF TE-121M-121 AND SB-124 DECAY SYSTEMATICS
PRESENTED AT APS SOLID STATE PHYSICS
OAR ACCESS NO.....211910-031
BY SHIMA F
INSTR...ARL-7112-00-02
PROJECT.....7112

ARL 68-1223A
AEROSPACE RESEARCH LABORATORIES
THE DETERMINATIONS OF THE SPIN AND PARITY OF THE B-MESON
PRESENTED AT APP COLLEQUIUM, 26 OCT 67
OAR ACCESS NO.....210420-046
BY CHAND P
INSTR...ARL-7112-00-01
PROJECT.....7112

ARL 68-1224A
AEROSPACE RESEARCH LABORATORIES
MONOPOLE MATRIX-ELEMENTS
PRESENTED AT APP COLLEQUIUM, 1 DEC 67
OAR ACCESS NO.....210420-047
BY HAMILTON J H
INSTR...ARL-7112-00-01
PROJECT.....7112

ARL 68-1225A
AEROSPACE RESEARCH LABORATORIES
ISOTOPE PRODUCTION AT ORNL
PRESENTED AT APL COLLEQUIUM, 15 DEC 67
OAR ACCESS NO.....210420-048
BY PINAJIAN J J
INSTR...ARL-7112-00-01
PROJECT.....7112

ARL 68-1226A
SYSTEMS RESEARCH LABORATORIES INC
GROWTH OF ALUMINUM ON TA 110
PRESENTED TO AVIONICS LABORATORY, W-P AFB, OHIO 31 MAY 1967
OAR ACCESS NO.....207891-007
BY JACKSON A G
INSTR...F33615-67-C-1041
PROJECT.....7023

ARL 69-1227A
AEROSPACE RESEARCH LABORATORIES
EXPERIMENTALLY DETERMINED SHOCK CONFIGURATIONS IN A HIGH-SOLIDITY SUPERSONIC ROTOR
PAPER PRESENTED AT AGARD PROPULSION AND ENERGETICS PANEL 32 ND MEETING, TOULOUSE, FRANCE, 10 SEP 68.
OAR ACCESS NO.....210110-008
BY OENNERSTROM A J
JOHNSON E G
CARMAN C T
INSTR...ARL-7065-00-09
PROJECT.....7065

ARL 68-1228A
ARNOLD ENGINEERING DEVELOPMENT CENTER
EXPERIMENTAL INVESTIGATION OF TWO BLUNT TRAILING EDGE SUPERSONIC COMPRESSOR ROTORS OF DIFFERENT BLADE THICKNESSES AND WITH CIRCULAR ARC CAMBER LINE
AEDC-TR-68-197
OAR ACCESS NO.....210110-005
BY CARMAN C T
MYERS J R
OENNERSTROM A J
STRUNCH J W
INSTR...ARL-7065-00-09
PROJECT.....7065

ARL 69-1229A
AEROSPACE RESEARCH LABORATORIES
C.E.L.P. 5
ERL-68-1077-1 APRIL 1968.
OAR ACCESS NO.....209720-055
BY ROSENBERG N W
SPIALTER L
SCHAUBLE J J
INSTR...ARL-7023-00-09
PROJECT.....7023

ARL 68-1230A
AEROSPACE RESEARCH LABORATORIES
CLASSES OF SILICON SUBOXIDES
INTERNATIONAL SYMPOSIUM ON DECOMPOSITION OF ORGANOMETALLIC COMPOUNDS, NOV 1967, PDS KAS, MAZUDAANI, U OF DAYTON UNESS , 1968.
OAR ACCESS NO.....209720-063
BY SPIALTER L
SMITH J S II
INSTR...ARL-7023-00-09
PROJECT.....7021

ARL 69-1231A
AEROSPACE RESEARCH LABORATORIES
ION-MOLECULE REACTIONS
FUNDAMENTAL PROCESSES IN RADIATION CHEMISTRY, EDITOR, P. AUSLOOS, JOHN WILEY-INTERSCIENCE PUBLISHERS 1968.
OAR ACCESS NO.....209730-133
BY TIEMAN T O
PUTNELL J M
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 68-1232A
AEROSPACE RESEARCH LABORATORIES
COLLOQUIUM ON SUPERSONIC COMBUSTION
PRESENTATION AT TWELFTH INTERNATIONAL SYMPOSIUM ON COMBUSTION, U. OF POITIERS, POITIERS, FRANCE, 14-20 JULY 1968.
OAR ACCESS NO.....210300-008
BY DUNN M G
INSTR...ARL-7065-00-16
PROJECT.....7065

ARL 68-1233L
AEROSPACE RESEARCH LABORATORIES
FLUID FLOW IN AN ELECTRICALLY CONDUCTIVE FLUID
SERIES OF LECTURES COMPRISING AFIT COURSE NO. ME 5.898 SUMMER QUARTER 1968, JUNE-AUG 68
OAR ACCESS NO.....211080-006
BY CRAMER K R
INSTR...ARL-7063-00-16
PROJECT.....7063

ARL 68-1234L
AEROSPACE RESEARCH LABORATORIES
THE MOTION OF ELECTRIC ARCS IN MAGNETIC FIELDS
PRESENTED AT THE GENERAL RESEARCH LABORATORY, SIEMENS CORP., ERLANGEN, GERMANY, 28 NOV 1967
OAR ACCESS NO.....211350-006
BY SCEMNGEN F E
INSTR...ARL-7063-00-12
PROJECT.....7063

ARL 68-1235A
AEROSPACE RESEARCH LABORATORIES
IONIC PROCESSES IN CYCLOBUTANE: IMPLICATIONS OF MASS SPECTROMETRIC DATA FOR RADIOLYSIS STUDIES
PRESENTED AT THE NATIONAL BUREAU OF STANDARDS, GAITHERSBURG, MARYLAND, 30 OCTOBER 1968.
OAR ACCESS NO.....209730-134
BY TIERNAN T O
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 68-1236A
AEROSPACE RESEARCH LABORATORIES
MOLECULAR CHARGE TRANSFER REACTIONS
FROM THE UNIVERSITY OF KANSAS, LAWRENCE, KANSAS, 13 NOV 68.
PRESENTED IN ARL CONFERENCE ROOM
OAR ACCESS NO.....209730-135
BY KEVAN L
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 68-1237L
SOME RECENT STUDIES OF PROPERTIES OF S-D SHELL NUCLEI
GRADUATE COLLOQUIUM GIVEN TO PHYSICS DEPARTMENT, UNIVERSITY OF CINCINNATI
OAR ACCESS NO.....210320-049
BY HARRIS G I
INSTR...ARL-7117-00-01
PROJECT.....7117

ARL 68-1238L
AEROSPACE RESEARCH LABORATORIES
EVALUATION OF THE COSMOLOGICAL MODEL
LECTURE GIVEN TO AMERICAN INSTITUTE OF PHYSICS CLUB, WRIGHT STATE UNIV.
OAR ACCESS NO.....210300-008
BY FICKLEN S L
INSTR...ARL-7114-00-08
PROJECT.....7114

ARL 68-1239N
AEROSPACE RESEARCH LABORATORIES
MOLECULAR CHARGE TRANSFER REACTIONS
FROM DEPARTMENT OF CHEMISTRY, UNIVERSITY OF KANSAS, LAWRENCE, KANSAS, 13 NOV 68.
OAR ACCESS NO.....209730-136
BY KEVAN L
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 68-1240A
AEROSPACE RESEARCH LABORATORIES
MATHEMATICAL MODELS OF PHYSIOLOGICAL SYSTEMS
UNIVERSITY OF COLORADO, FEBRUARY 1968
OAR ACCESS NO.....210230-011
BY WOLAVER L E
INSTR...ARL-7071-00-06
PROJECT.....7071

ARL 68-1241A
AEROSPACE RESEARCH LABORATORIES
APPROXIMATION BY LINEAR POSITIVE OPERATORS
PRESENTED AT THE NAVAL RESEARCH LABORATORY, WASHINGTON, D. C., 9 AUG 68.
OAR ACCESS NO.....210320-043
BY SHISHA O
INSTR...ARL-7071-00-15
PROJECT.....7071

ARL 68-1242A
AEROSPACE RESEARCH LABORATORIES
APPROXIMATION BY LINEAR POSITIVE OPERATORS
PRESENTED AT THE NATIONAL BUREAU OF STANDARDS, WASHINGTON, D. C., 9 AUG 68
OAR ACCESS NO.....210320-044
BY SHISHA O
INSTR...ARL-7071-00-15
PROJECT.....7071

ARL 68-1243A
AEROSPACE RESEARCH LABORATORIES
THE CHEBYSHEV POLYNOMIAL OF BEST APPROXIMATION TO A GIVEN FUNCTION ON AN INTERVAL
PRESENTED AT COLORADO STATE UNIVERSITY, FORT COLLINS, COLORADO, 21 FEB 1968.
OAR ACCESS NO.....210320-045
BY SHISHA O
INSTR...ARL-7071-00-15
PROJECT.....7071

ARL 68-1244A
AEROSPACE RESEARCH LABORATORIES
THE CHEBYSHEV POLYNOMIAL OF BEST APPROXIMATION TO A GIVEN FUNCTION ON AN INTERVAL
PRESENTED AT BAR-ILAN UNIVERSITY, RAMAT-GAN, ISRAEL, 11 MARCH 1968.
OAR ACCESS NO.....210320-046
BY SHISHA O
INSTR...ARL-7071-00-15
PROJECT.....7071

ARL 68-1245A
AEROSPACE RESEARCH LABORATORIES
INEQUALITIES FOR TWO MEANS
PRESENTED AT THE UNIVERSITY OF KENTUCKY, LEXINGTON, KENTUCKY, 7 FEB 1968.
OAR ACCESS NO.....210320-047
BY SHISHA O
INSTR...ARL-7071-00-15
PROJECT.....7071

ARL 68-1246A
AEROSPACE RESEARCH LABORATORIES
INEQUALITIES BETWEEN MEANS
PRESENTED AT MIAMI UNIVERSITY, OXFORD, OHIO, 19 FEB 1968.
OAR ACCESS NO.....210320-048
BY SHISHA O
INSTR...ARL-7071-00-15
PROJECT.....7071

ARL 68-1247A
AEROSPACE RESEARCH LABORATORIES
APPROXIMATION BY POSITIVE LINEAR OPERATORS
LECTURE PRESENTED AT YESHIVA UNIVERSITY, NEW YORK, NEW YORK, 17 JAN 1968
OAR ACCESS NO.....210320-049
BY SHISHA O
INSTR...ARL-7071-00-15
PROJECT.....7071

ARL 68-1248A
AEROSPACE RESEARCH LABORATORIES
APPROXIMATION BY POSITIVE LINEAR OPERATORS
PRESENTED AT FORDHAM UNIVERSITY, NEW YORK, NEW YORK, 17 JAN 1968.
OAR ACCESS NO.....210320-050
BY SHISHA O
INSTR...ARL-7071-00-15
PROJECT.....7071

ARL 68-1249A
AEROSPACE RESEARCH LABORATORIES
INEQUALITIES FOR MULTIPLE COMPARISON TESTS
PRESENTED AT MIAMI UNIVERSITY, OXFORD, OHIO, SEE 19 FEB 1968.
OAR ACCESS NO.....210320-051
BY [illegible]
INSTR...ARL-7071-00-12
PROJECT.....7071

ARL 68-1250A
AEROSPACE RESEARCH LABORATORIES
SIMULTANEOUS TESTS FOR MULTIPLE COMPARISONS OF MULTI-RESPONSE GROWTH CURVES
PAPER PRESENTED AT THE EASTERN REGIONAL MEETING OF THE INSTITUTE OF MATHEMATICAL STATISTICS, APRIL 1968.
OAR ACCESS NO.....210290-025
BY KRISHNAIAH P R
INSTR...ARL-7071-00-12
PROJECT.....7071

ARL 68-1251A
AEROSPACE RESEARCH LABORATORIES
SIMULTANEOUS TESTS AND MULTIPLE DECISION PROCEDURES FOR MULTI-RESPONSE GROWTH CURVES
PRESENTED AT THE ANNUAL MEETING OF THE INSTITUTE OF MATHEMATICAL STATISTICS, AUGUST 1968.
OAR ACCESS NO.....210290-026
BY KRISHNAIAH P R
JAYACHANDRAN K
INSTR...ARL-7071-00-12
PROJECT.....7071

ARL 68-1252A
AEROSPACE RESEARCH LABORATORIES
ON NHO BOUNDARY LAYER APPROXIMATION METHODS
PRESENTED AT NORTH DAKOTA STATE UNIVERSITY, MAY 1968
OAR ACCESS NO.....211320-013
BY HUGELMAN R D
INSTR...ARL-7071-00-20
PROJECT.....7071

ARL 68-1253A
AEROSPACE RESEARCH LABORATORIES
RELIABILITY AND LIFE TESTING
PRESENTED AT WRIGHT STATE UNIVERSITY, JANUARY 1968
OAR ACCESS NO.....210280-034
BY HARTER H L
INSTR...ARL-7071-00-11
PROJECT.....7071

ARL 68-1254A
AEROSPACE RESEARCH LABORATORIES
SOME NEW INTEGRAL RELATIONS INVOLVING BESSEL FUNCTIONS
PRESENTED AT AMERICAN MATH SOC 74TH ANNUAL MEETING, SAN FRANCISCO, CALIFORNIA JAN 23-26, 1968.
OAR ACCESS NO.....210320-051
BY FERRIS H E
INSTR...ARL-7071-00-15
PROJECT.....7071

ARL 68-1255A
AEROSPACE RESEARCH LABORATORIES
DOUBLE POINTS OF MATHIEUS EQUATION
PAPER PRESENTED AT THE OHIO ACADEMY OF SCIENCES, APR 1968, HELD AT HOBLING GREEN, OHIO
OAR ACCESS NO.....210315-019
BY BLANCH G
CLARK D S
INSTR...ARL-7071-00-14
PROJECT.....7071

ARL 68-1256A
AEROSPACE RESEARCH LABORATORIES
SELF-INVASIVE FUNCTIONS
PRESENTED AT MIAMI UNIVERSITY, OXFORD, OHIO, 15 FEB 1968
OAR ACCESS NO.....210320-052
BY SHISHA O
INSTR...ARL-7071-00-15
PROJECT.....7071

ARL 68-1257A
AEROSPACE RESEARCH LABORATORIES
MATHEMATICAL MODELS OF PHYSIOLOGICAL SYSTEMS
UNIVERSITY OF MICHIGAN, OCTOBER 1967
OAR ACCESS NO.....210230-012
BY WEAVER W E
INSTR...ARL-7071-00-09
PROJECT.....7071

ARL 68-1258A
AEROSPACE RESEARCH LABORATORIES
A NEW DEGREE OF APPROXIMATION BY LINEAR POSITIVE OPERATORS
PRESENTED AT THE UNIVERSITY OF MARYLAND, COLLEGE PARK, MARYLAND, 5 APRIL 1968.
OAR ACCESS NO.....211320-033
BY SHISHA O
INSTR...ARL-7071-00-19
PROJECT.....7071

ARL 68-1259A
AEROSPACE RESEARCH LABORATORIES
THE DEGREE OF CONVERGENCE OF SEQUENCES OF LINEAR POSITIVE OPERATORS
PRESENTED AT THE U.S. ARMY RESEARCH OFFICE, DURHAM, N. CAR. 7 JUNE 1968.
OAR ACCESS NO.....211320-034
BY SHISHA O
INSTR...ARL-7071-00-19
PROJECT.....7071

ARL 68-1260A
AEROSPACE RESEARCH LABORATORIES
BOUNDS FOR RATIOS AMND DIFFERENCE OF MEANS
PRESENTED AT THE NATIONAL BUREAU OF STANDARDS, WASHINGTON, D. C., 10 JUNE 1968.
OAR ACCESS NO.....210320-055
BY SHISHA O
INSTR...ARL-7071-00-15
PROJECT.....7071

ARL 68-1261A
AEROSPACE RESEARCH LABORATORIES
COMPRESSIBLE SMIHL FLOWS WITH CLOSED STREAMLINES AT HIGH REYNOLDS NUMBERS
PRESENTED AT UNIVERSITY OF COLORADO, BOULDER, COLORADO, FEB 1968.
OAR ACCESS NO.....211320-014
BY GUDERLEY K G
INSTR...ARL-7071-00-20
PROJECT.....7071

ARL 68-1262B
AEROSPACE RESEARCH LABORATORIES
ON CUMULATIVE DAMAGE AND RELIABILITY OF COMPONENTS
PRESENTED AT ANNUAL MEETING, INSTITUTE OF MATHEMATICAL STATISTICS, MADISON, WISCONSIN AUGUST 1968.
OAR ACCESS NO.....211480-001
BY MURTHY V K
INSTR...F33615-67-C-1865
PROJECT.....7071

ARL 68-1263A
AEROSPACE RESEARCH LABORATORIES
SOME RECENT DEVELOPMENTS ON MULTIPLE COMPARISON TESTS
PRESENTED AT MIAMI UNIVERSITY, OXFORD, OHIO, FEB 15, 1968
OAR ACCESS NO.....210290-027
BY KRISHNAIAH P R
INSTR...ARL-7071-00-12
PROJECT.....7071

ARL 68-1264A
AEROSPACE RESEARCH LABORATORIES
MULTIPLE COMPARISONS OF GROWTH CURVES
PRESENTED AT CINCINNATI CHAPTER OF THE AMERICAN STATISTICAL ASSOCIATION, APRIL 2, 1968.
OAR ACCESS NO.....210290-028
BY KRISHNAIAH P R
INSTR...ARL-7071-00-12
PROJECT.....7071

ARL 68-1265A
AEROSPACE RESEARCH LABORATORIES
MATHEMATICAL MODEL FOR BLOOD SUGAR REGULATION
JOSLIN DIABETIC CLINIC, HARVARD MEDICAL SCHOOL, JANUARY 1968
OAR ACCESS NO.....210230-013
BY WEAVER W E
INSTR...ARL-7071-00-08
PROJECT.....7071

ARL 68-1266A
AEROSPACE RESEARCH LABORATORIES
MATHEMATICAL MODELING IN PHYSIOLOGY
CONFERENCE ON HOMEOSTATIC CONTROL SYSTEMS IN HEALTH AND DISEASE, RANCHO SANTA FE, CALIFORNIA, OCT 1967.
OAR ACCESS NO.....210230-014
BY WEAVER W E
INSTR...ARL-7071-00-08
PROJECT.....7071

ARL 68-1267A
AEROSPACE RESEARCH LABORATORIES
MATHEMATICAL MODEL OF GLUCOSE HOMEOSTASIS
CALIFORNIA INSTITUTE OF TECHNOLOGY, JANUARY 1968
OAR ACCESS NO.....210230-015
BY WEAVER W E
INSTR...ARL-7071-00-08
PROJECT.....7071

ARL 68-1268A
AEROSPACE RESEARCH LABORATORIES
MATHIEU FUNCTIONS
AMS SUMMER LECTURE SERIES, JULY 1968.
OAR ACCESS NO.....210320-056
BY BLANCH G
INSTR...ARL-7071-00-15
PROJECT.....7071

ARL 68-1269A
AEROSPACE RESEARCH LABORATORIES
CELESTIAL MECHANICS
MECHANICS DEPARTMENT COURSE NO. 8.30, MIT, MARCH - JUNE 1968
OAR ACCESS NO.....211320-035
BY WEAVER W E
INSTR...ARL-7071-00-20
PROJECT.....7071

ARL 68-1270L
AEROSPACE RESEARCH LABORATORIES
MATHEMATICAL MODELING OF PHYSIOLOGICAL SYSTEMS
APPLIED MATHEMATICS SUMMER LECTURE SERIES, JULY 1968.
OAR ACCESS NO.....210230-016
BY BOLAVER L C
INSTR...ARL-7071-00-06
PROJECT.....7071

ARL 68-1271L
AEROSPACE RESEARCH LABORATORIES
INEQUALITIES BETWEEN MEANS
LECTURES AT ARL, 23 JULY 1968
OAR ACCESS NO.....210320-057
BY SHISHA O
INSTR...ARL-7071-00-15
PROJECT.....7071

ARL 68-1272L
AEROSPACE RESEARCH LABORATORIES
DUALITY IN LINEAR PROGRAMMING
ARM SUMMER LECTURE SERIES, JULY 1968.
OAR ACCESS NO.....210320-058
BY MOND B
INSTR...ARL-7071-00-15
PROJECT.....7071

ARL 68-1273L
AEROSPACE RESEARCH LABORATORIES
HOW GOOD IS THE DIRECT-INTERACTION APPROXIMATION IN TURBULENCE
PRESENTED ARM SUMMER LECTURE SERIES, AUGUST 1968.
OAR ACCESS NO.....211320-015
BY LEE J H
INSTR...ARL-7071-00-30
PROJECT.....7071

ARL 68-1274L
AEROSPACE RESEARCH LABORATORIES
ADVANCED CALCULUS
COURSE TAUGHT FOR CSU GRADUATE EXTENSION, SEPT - DEC 1968.
DAYTON, SEPT - DEC 1968.
OAR ACCESS NO.....211320-016
BY LEE O A
INSTR...ARL-7071-00-20
PROJECT.....7071

ARL 68-1275L
AEROSPACE RESEARCH LABORATORIES
ABSOLUTE AND CONVECTIVE INSTABILITIES
ARM SUMMER SEMINAR, AUGUST 1968
OAR ACCESS NO.....211320-017
BY LEE O A
INSTR...ARL-7071-00-20
PROJECT.....7071

ARL 68-1276L
AEROSPACE RESEARCH LABORATORIES
COMPLEX VARIABLES AND APPLICATIONS
HONOR SEMINARS OF DAYTON, JANUARY 1968.
OAR ACCESS NO.....211320-018
BY LEE O A
INSTR...ARL-7071-00-20
PROJECT.....7071

ARL 68-1277L
AEROSPACE RESEARCH LABORATORIES
CLASSICAL MECHANICS AND CONTACT TRANSFORMATIONS
ARM SEMINAR, 1968
OAR ACCESS NO.....211320-019
BY LEE O A
INSTR...ARL-7071-00-20
PROJECT.....7071

ARL 68-1278L
AEROSPACE RESEARCH LABORATORIES
INTEGRAL TRANSFORM TECHNIQUES
MATHEMATICS DEPARTMENT, AFIT
OAR ACCESS NO.....211320-020
BY LEE O A
INSTR...ARL-7071-00-20
PROJECT.....7071

ARL 68-1279L
AEROSPACE RESEARCH LABORATORIES
ERROR BOUNDS FOR SYSTEMS OF ORDINARY DIFFERENTIAL EQUATIONS
ARM SUMMER LECTURE SERIES, JULY 1968
OAR ACCESS NO.....210310-020
BY KELLER C L
INSTR...ARL-7071-00-14
PROJECT.....7071

ARL 68-1280L
AEROSPACE RESEARCH LABORATORIES
LECTURES ON MATRIX THEORY
PRESENTED IN ARL CONFERENCE ROOM, 15-30 AUGUST 1968.
OAR ACCESS NO.....210320-059
BY FETTIS H E
INSTR...ARL-7071-00-15
PROJECT.....7071

ARL 68-1281L
AEROSPACE RESEARCH LABORATORIES
THE CALCULUS OF VARIATIONS AND PARTIAL DIFFERENTIAL EQUATIONS OF THE FIRST ORDER
SEMINAR ON THE BOOK OF CARATHEODORY
OAR ACCESS NO.....211320-021
BY GUDERLEY K G
KELLER C L
ALSSER M I
INSTR...ARL-7071-00-20
PROJECT.....7071

ARL 68-1282L
AEROSPACE RESEARCH LABORATORIES
DOUBLE POINTS OF MATHIEUS EQUATION
LECTURE PRESENTED AT ARL SEMINAR.
OAR ACCESS NO.....210310-021
BY BLANCH G
INSTR...ARL-7071-00-14
PROJECT.....7071

ARL 68-1283N
AEROSPACE RESEARCH LABORATORIES
GENERALIZATION OF GALOIS THEORY, CLASS FIELD THEORY AND QUASI-FINITE FIELDS
AUGUST 1968. FROM MIAMI UNIVERSITY
OAR ACCESS NO.....210320-060
BY COX M D
INSTR...ARL-7071-00-15
PROJECT.....7071

ARL 68-1284N
AEROSPACE RESEARCH LABORATORIES
MATHEMATICAL METHODS IN CELESTIAL MECHANICS
JUNE 1968. FROM PURDUE UNIVERSITY
OAR ACCESS NO.....211340-020
BY POLLARD A
INSTR...ARL-7071-00-22
PROJECT.....7071

ARL 68-1285N
AEROSPACE RESEARCH LABORATORIES
FUNCTIONAL ANALYTIC ASPECTS OF CONTROL THEORY
AUGUST 1968. FROM AF INSTITUTE OF TECHNOLOGY
OAR ACCESS NO.....210230-017
BY NORRIS O
INSTR...ARL-7071-00-06
PROJECT.....7071

ARL 68-1286N
AEROSPACE RESEARCH LABORATORIES
ON COMMUTATIVITY OF RINGS
AUGUST 1968. FROM WRIGHT STATE UNIVERSITY
OAR ACCESS NO.....210320-061
BY LUH J
INSTR...ARL-7071-00-15
PROJECT.....7071

ARL 68-1287N
AEROSPACE RESEARCH LABORATORIES
ASYMPTOTICALLY LOCALLY MOST POWERFUL RANK ORDER TEST STATISTICS
FROM WAYNE STATE UNIVERSITY PRESENTED IN ARL CONFERENCE ROOM, AUGUST 1968.
OAR ACCESS NO.....210280-035
BY TSAO C K
INSTR...ARL-7071-00-11
PROJECT.....7071

ARL 68-1288N
AEROSPACE RESEARCH LABORATORIES
COMPARISON THEOREMS FOR NONLINEAR ORDINARY BOUNDARY VALUE PROBLEMS
SEPTEMBER 1968
OAR ACCESS NO.....211320-022
BY JEFFREY J
INSTR...ARL-7071-00-20
PROJECT.....7071

ARL 68-1289N
AEROSPACE RESEARCH LABORATORIES
INTERPOLATION AND FOURIER TRANSFORMATION OF TRANSIENTS
OAR ACCESS NO.....210230-018
BY SHANKLAND O
INSTR...ARL-7071-00-06
PROJECT.....7071

ARL 68-1290N
AEROSPACE RESEARCH LABORATORIES
THE CATEGORIZATION AND EVALUATION OF SEQUENCES OF TWO-LEVEL FRACTIONAL FACTORIAL PLANS
LECTURE PRESENTED IN ARL AUDITORIUM IN APRIL 1968. FROM STATE UNIVERSITY OF NEW YORK
OAR AC NO.....210272-012
BY ADDELMAN S
INST L-7071-00-10
PROJ 7071

ARL 68-1291N
AEROSPACE RESEARCH LABORATORIES
MINIMUM PARTITIONS OF GRAPHS
AUGUST 1968. FROM WRIGHT STATE UNIVERSITY
OAR ACCESS NO.....210310-022
BY WHITE L J
INSTR...ARL-7071-00-14
PROJECT.....7071

ARL 68-1292N
AEROSPACE RESEARCH LABORATORIES
FATIGUE-LIFE AND MINERS RULE
PRESENTED IN ARL CONFERENCE ROOM, JANUARY 1968. FROM UNIVERSITY OF WASHINGTON
OAR ACCESS NO.....210280-036
BY BIRNBAUM Z W
INSTR...ARL-7071-00-11
PROJECT.....7071

ARL 68-1293N
AEROSPACE RESEARCH LABORATORIES
SOME MATHEMATICS OF LIFE-LENGHTS--OLD AND NEW
OAR ACCESS NO.....210280-037
BY BIRNBAUM Z W
INSTR...ARL-7071-00-11
PROJECT.....7071

ARL 68-1294N
AEROSPACE RESEARCH LABORATORIES
MATHEMATICAL MODEL IDENTIFICATION IN PHYSIOLOGY
JULY 1968. FROM CALIFORNIA INSTITUTE OF TECHNOLOGY
OAR ACCESS NO.....210230-019
BY CHAPETTE W R
INSTR...ARL-7071-00-06
PROJECT.....7071

ARL 68-1295N
AEROSPACE RESEARCH LABORATORIES
CALCULUS OF VARIATIONS AND PARTIAL DIFFERENTIAL EQUATIONS OF THE FIRST ORDER
1968. FROM FORMAN UNIVERSITY
OAR ACCESS NO.....210320-062
BY AISSEN M
INSTR...ARL-7071-00-15
PROJECT.....7071

ARL 68-1296I
AEROSPACE RESEARCH LABORATORIES
MINIMUM TIME FOR EARTH TO MARS TRAJECTORY FOR A SOLAR SAIL
M.S. THESIS AFIT GGC/EE/68-3 1968
OAR ACCESS NO.....211340-021
BY BIRNBAUM M
INSTR...ARL-7071-00-22
PROJECT.....7071

ARL 68-1297I
AEROSPACE RESEARCH LABORATORIES
SOME APPLICATIONS OF THE PEAK GAIN CRITERION
DIRECTED BY G. K. SOPER, AFIT-SEP, AND D. A. LEE /ARM/.
OAR ACCESS NO.....211330-013
BY ERNST T
INSTR...ARL-7071-00-21
PROJECT.....7071

ARL 68-1298I
AEROSPACE RESEARCH LABORATORIES
SIMULATION STUDY OF INFRARED COUNTERMEASURES
M. S. THESIS, AFIT, GGC/EE/68-7 /1968/.
OAR ACCESS NO.....211340-022
BY QUIGLEY M A
INSTR...ARL-7071-00-22
PROJECT.....7071

ARL 68-1299I
AEROSPACE RESEARCH LABORATORIES
THE EFFECTS OF TIDAL FRICTION ON THE EVOLUTION OF THE MARTIAN MOON PHOBOS
M. S. THESIS, AFIT, GA/MECH/68-4 /1968/.
OAR ACCESS NO.....211340-023
BY PFEHLMAN W
INSTR...ARL-7071-00-22
PROJECT.....7071

ARL 68-1300I
AEROSPACE RESEARCH LABORATORIES
ANALYSIS OF A CIRCLING LINE
M.S. THESIS, AFIT, GA/MC/68-8 /1968/.
OAR ACCESS NO.....211340-024
BY ZIMMERMAN A R
INSTR...ARL-7071-00-22
PROJECT.....7071

ARL 68-1301A
AEROSPACE RESEARCH LABORATORIES
A STUDY OF INFRARED RADIATION AND ITS SUPPRESSION FROM THE EXHAUST PLUMES OF JET AIRCRAFT DURING AFTERBURNER OPERATIONS
PRESENTED AT AIR FORCE SCIENCE AND ENGINEERING SYMPOSIUM, AIR FORCE ACADEMY, COLORADO, 31 OCT 68.
OAR ACCESS NO.....211150-026
BY MORRISON H E
SCHELLER K
INSTR...ARL-7023-00-11
PROJECT.....7023

ARL 68-1302A
AEROSPACE RESEARCH LABORATORIES
N.M.R. STUDIES OF OPTICAL INVERSION OF OCTAHEDRAL COMPLEXES
PRESENTED AT 155TH AMERICAN CHEMICAL SOCIETY NATIONAL MEETING, SAN FRANCISCO, CALIFORNIA, APRIL 1968.
OAR ACCESS NO.....209700-101
BY FORTMAN J J
SIEVERS R E
INSTR...ARL-7023-00-07
PROJECT.....7023

ARL 68-1303A
AEROSPACE RESEARCH LABORATORIES
THE NON-CHEMISTRY IN CHEMISTRY
PRESENTED TO THE HONORS SEMINAR OF SPRINGFIELD, SPRINGFIELD , OHIO, 4 NOV 1968.
OAR ACCESS NO.....209720-056
BY SPIALTER L
INSTR...ARL-7023-00-09
PROJECT.....7023

ARL 68-1304N
MAX PLANCK INSTITUTE
EXPERIMENTS ON LASER INTERACTION WITH MATTER /FROZEN HYDROGEN/
PRESENTED AT ARL IN ARL CONFERENCE ROOM /4 NOV 1968/
OAR ACCESS NO.....211350-007
BY BITKOWSKI S
INSTR...ARL-7063-00-12
PROJECT.....7063

ARL 68-1305N
MAX PLANCK INSTITUTE
HIGH POWER CRYOGENIC AND SUPERCONDUCTING MAGNET TECHNOLOGY
PRESENTATION AT ARL CONFERENCE ROOM, RM,A-119 /1 NOV, 1968/
OAR ACCESS NO.....211360-008
BY OSWALD B
INSTR...ARL-7063-00-13
PROJECT.....7063

ARL 68-1306C
AEROSPACE RESEARCH LABORATORIES
BLUNT-TRAILING-EDGE SUPERSONIC COMPRESSOR
OAR RESEARCH REVIEW ARTICLE, VOL. VII, NO. 6, JUNE 1968, PP 43-48.
OAR ACCESS NO.....210110-006
BY WENNERSTROM A J
INSTR...ARL-7065-00-09
PROJECT.....7065

ARL 68-1307G
AEROSPACE RESEARCH LABORATORIES
VOLATILE RARE-EARTH CHELATES OF 2,2,6,6-TETRAMETHYLHEPTANE-3,5-DIONE
FROM INORGANIC SYNTHESES, VOLUME XI, W. L. JOLLY, EDITOR, CHAPTER 3 /17/ 96, MCGRAW-HILL /1968/.
OAR ACCESS NO.....209700-102
BY EISENTRAUT K J
SIEVERS R E
INSTR...ARL-7023-00-07
PROJECT.....7023

ARL 68-1308L
AEROSPACE RESEARCH LABORATORIES
PROGRAM AND PROBLEMS OF RESEARCH IN ELECTRIC ARC TECHNOLOGY
PRESENTED AT THE CZECHOSLOVAKIAN INSTITUTE OF ELECTRICAL ENGINEERING, RECHOVICE, CZECHOSLOVAKIA, /6 SEPTEMBER 1967/
OAR ACCESS NO.....211360-009
BY SOEHNGEN E E
INSTR...ARL-7063-00-13
PROJECT.....7063

AHL 68-1309L
AEROSPACE RESEARCH LABORATORIES
PROGRAM AND PROBLEMS OF RESEARCH ON ELECTRIC ARC TECHNOLOGY
PRESENTED AT THE ELECTRICAL RESEARCH ASSOCIATION /ERA/,
LEATHERHEAD, ENGLAND, 31 JULY 1967
OAR ACCESS NO.....211360-010
BY SOEHNGEN E E
INSTR...ARL-7063-00-13
PROJECT.....7063

AHL 68-1310L
AEROSPACE RESEARCH LABORATORIES
MAGNETICALLY INDUCED PLASMA STREAMING AND THE MOTION OF
ELECTRIC ARCS
PRESENTED AT THE UNIVERSITY OF LIVERPOOL, ELECTRICAL
ENGINEERING DEPT., LIVERPOOL, ENGLAND, 29 AUGUST 1967/
OAR ACCESS NO.....211360-011
BY SOEHNGEN E E
INSTR...ARL-7063-00-13
PROJECT.....7063

AHL 68-1311L
AEROSPACE RESEARCH LABORATORIES
ARN PROGRAM AND PROBLEMS IN ARC RESEARCH
PRESENTED AT THE UNIVERSITY OF LEEDS, ELECTRICAL
ENGINEERING DEPT., LEEDS, ENGLAND, 29 AUGUST 1967/
OAR ACCESS NO.....211360-012
BY SOEHNGEN E E
INSTR...ARL-7063-00-13
PROJECT.....7063

AHL 68-1312L
AEROSPACE RESEARCH LABORATORIES
ARCS IN MAGNETIC FIELDS
PRESENTED AT THE UNIVERSITY OF KIEL, INSTITUTE OF
EXPERIMENTAL PHYSICS, KIEL, GERMANY, /21 AUGUST 1967/
OAR ACCESS NO.....211360-013
BY SOEHNGEN E E
INSTR...ARL-7063-00-13
PROJECT.....7063

AHL 68-1313L
AEROSPACE RESEARCH LABORATORIES
RESEARCH IN ARC TECHNOLOGY AND ITS APPLICATION TO AEROSPACE
PROBLEMS
PRESENTED AT THE GERMAN AEROSPACE RESEARCH INST, /DFL/,
BRAUNSCHWEIG, GERMANY /24 AUG 67/
OAR ACCESS NO.....211360-014
BY SOEHNGEN E E
INSTR...ARL-7063-00-13
PROJECT.....7063

AHL 68-1314L
AEROSPACE RESEARCH LABORATORIES
PROGRAM AND PROBLEMS OF RESEARCH IN ELECTRIC ARC TECHNOLOGY
PRESENTED AT THE TECHNICAL UNIVERSITY OF BRAUNSCHWEIG,
ELECTRICAL ENGINEERING DEPT., BRAUNSCHWEIG, GERMANY /29
AUGUST 1967/
OAR ACCESS NO.....211360-015
BY SOEHNGEN E E
INSTR...ARL-7063-00-13
PROJECT.....7063

AHL 68-1315L
AEROSPACE RESEARCH LABORATORIES
PROBLEMS IN RESEARCH ON ELECTRIC ARC TECHNOLOGY
PRESENTED AT THE MOSCOW AIRCRAFT INSTITUTE, MOSCOW, USSR,
/23 MAY 1968/
OAR ACCESS NO.....211360-016
BY SOEHNGEN E E
INSTR...ARL-7063-00-13
PROJECT.....7063

AHL 68-1316L
AEROSPACE RESEARCH LABORATORIES
EXPERIMENTAL STUDIES ON FREE AND FORCED CONVECTION HEAT
TRANSFER AT EXTREMELY HIGH PRANDTL NUMBERS
PRESENTED AT THE MOSCOW AIRCRAFT INSTITUTE, MOSCOW, USSR /
23 MAY 1968/
OAR ACCESS NO.....211360-017
BY SOEHNGEN E E
INSTR...ARL-7063-00-13
PROJECT.....7063

AHL 68-1317L
AEROSPACE RESEARCH LABORATORIES
SOME PROBLEMS IN RESEARCH ON ELECTRIC ARC TECHNOLOGY
PRESENTED AT THE INSTITUTE OF HEAT AND MASS TRANSFER OF THE
SOVIET ACADEMY OF SCIENCES, MINSK, USSR, /17 MAY 1968/.
OAR ACCESS NO.....211360-018
BY SOEHNGEN E E
INSTR...ARL-7063-00-13
PROJECT.....7063

AHL 68-1318A
AEROSPACE RESEARCH LABORATORIES
EXPERIMENTAL STUDIES ON FREE AND FORCED CONVECTION HEAT
TRANSFER AT EXTREMELY HIGH PRANDTL NUMBERS
PRESENTED AT III ALL UNION CONFERENCE ON HEAT AND MASS
TRANSFER, MINSK, USSR, /16MAY 1968/
OAR ACCESS NO.....211360-019
BY SOEHNGEN E E
INSTR...ARL-7063-00-13
PROJECT.....7063

AHL 68-1319L
AEROSPACE RESEARCH LABORATORIES
MAGNETICALLY INDUCED PLASMA STREAMING AND ITS APPLICATION
TO AEROSPACE TECHNOLOGY
PRESENTED AT THE TECHNICAL UNIVERSITY /ETH/, ZURICH,
SWITZERLAND, /30 APRIL 1968/.
OAR ACCESS NO.....211360-020
BY SOEHNGEN E E
INSTR...ARL-7063-00-13
PROJECT.....7063

AHL 68-1320L
AEROSPACE RESEARCH LABORATORIES
THE INTERACTION BETWEEN ELECTRIC ARC COLUMNS AND PARALLEL
OR TRANSVERSE GAS FLOW
PRESENTED AT THE BROWN-BOVERI CORPORATION GENERAL RESEARCH
LABORATORY, BADEN, SWITZERLAND, /30APRIL 1968/
OAR ACCESS NO.....211360-021
BY SOEHNGEN E E
INSTR...ARL-7063-00-13
PROJECT.....7063

AHL 68-1321A
AEROSPACE RESEARCH LABORATORIES
EXPERIMENTAL STUDIES OF FREE AND FORCED CONVECTION HEAT
TRANSFER AT EXTREMELY HIGH PRANDTL NUMBERS
PRESENTED AT SPECIALISTS MEETING OF GERMAN ENGINEERS
ASSOCIATION /VDI/ ON HEAT AND MASS TRANSFER, BADEN-BADEN,
GERMANY /25 MAR 1968/
OAR ACCESS NO.....211360-022
BY SOEHNGEN E E
INSTR...ARL-7063-00-13
PROJECT.....7063

AHL 68-1322L
AEROSPACE RESEARCH LABORATORIES
PROGRAM AND PROBLEMS OF RESEARCH IN ARC TECHNOLOGY WITH
RESPECT TO AEROSPACE APPLICATIONS
SERIES OF THREE LECTURES PRESENTED AT THE MAX PLANCK
INSTITUTE FOR PLASMAPHYSICS, GARCHING, GERMANY, /6,13,14
MARCH 1968/.
OAR ACCESS NO.....211360-023
BY SOEHNGEN E E
INSTR...ARL-7063-00-13
PROJECT.....7063

AHL 68-1323A
AEROSPACE RESEARCH LABORATORIES
U.S.-GERMAN RESEARCH COOPERATION IN MHD
CHAIRMAN OF WORKSHOP ON U.S. -GERMAN RESEARCH COOPERATION
IN MHD, MAX PLANCK INST. FOR PLASMAPHYSICS, GARCHING,
GERMANY /13-15 FEB 1968/
OAR ACCESS NO.....211360-024
BY SOEHNGEN E E
INSTR...ARL-7063-00-13
PROJECT.....7063

AHL 68-1324L
AEROSPACE RESEARCH LABORATORIES
RESEARCH IN ARC TECHNOLOGY AND ITS APPLICATION TO
AEROSPACE PROBLEMS
PRESENTED AT THE TECHNICAL UNIVERSITY, INSTITUTE FOR
PHYSICS AND CHEMISTRY, MUNICH, GERMANY /10 JANUARY 1968/
OAR ACCESS NO.....211360-025
BY SOEHNGEN E E
INSTR...ARL-7063-00-13
PROJECT.....7063

AHL 68-1325L
AEROSPACE RESEARCH LABORATORIES
AEROSPACE RESEARCH IN ARC TECHNOLOGY AND ITS INDUSTRIAL
APPLICATIONS
PRESENTED AT THE GENERAL RESEARCH LABORATORY, BAYER WERKE,
LEVERKUSEN, GERMANY /28 DECEMBER 1967/
OAR ACCESS NO.....211360-026
BY SOEHNGEN E E
INSTR...ARL-7063-00-13
PROJECT.....7063

AHL 68-1326L
AEROSPACE RESEARCH LABORATORIES
MAGNETICALLY INDUCED PLASMA STREAMING AND MOTION OF
ELECTRIC ARCS
PRESENTED AT THE HIGH TEMPERATURE INSTITUTE, MOSCOW, USSR
/26 MAY 1968/.
OAR ACCESS NO.....211360-027
BY SOEHNGEN E E
INSTR...ARL-7063-00-13
PROJECT.....7063

ARL 68-1327L
AEROSPACE RESEARCH LABORATORIES
STATE OF THE ART OF MPD ACCELERATON RESEARCH
PRESENTED AT THE ROYAL AIRCRAFT ESTABLISHMENT /RAE/, FARNBOROUGH, ENGLAND, /28 JULY 1967/.
OAR ACCESS NO.....211360-028
BY SOEHNGEN E E
INSTR...ARL-7063-00-13
PROJECT.....7063

ARL 68-1328L
AEROSPACE RESEARCH LABORATORIES
INVESTIGATION OF MOTION IN CISLUNAR SPACE USING THE VERY RESTRICTED FOUR-BODY MODEL
M. S. THESIS, AFIT GGC/EE/68-4 /1968/.
OAR ACCESS NO.....211340-025
BY FEILNER P W
INSTR...ARL-7071-00-22
PROJECT.....7071

ARL 68-1329B
OHIO STATE UNIVERSITY RESEARCH FOUNDATION
PHOTOIONIZATION CHEMISTRY. STRUCTURE AND COLLISIONAL DEACTIVATION OF CSUB6HSUB8 SUPPER PLUS IONS FROM ISOMERIC BUTENES AND ETHYLENE ION-MOLECULE REACTIONS
SYMPOSIUM ON PHOTOCHEMICAL PROCESSES, SOUTHWESTERN REGIONAL MEETING, AMERICAN CHEMICAL SOCIETY, AUSTIN, TEXAS, 6 DEC 68
OAR ACCESS NO.....211120-004
BY GILL P S
MEISELS G G
CHEN C T
INSTR...F33615-67-C-1758
PROJECT.....7023

ARL 68-1330D
OHIO STATE UNIVERSITY RESEARCH FOUNDATION
THE RADIATION CHEMISTRY OF GAS-PHASE CARBON TETRACHLORIDE-CARBON TETRAFLUORIDE MIXTURES
PRESENTED AT SOUTHEASTERN REGIONAL MEETING OF THE AMERICAN CHEMICAL SOCIETY, TALLAHASSEE, FLORIDA, 4 DEC 68.
OAR ACCESS NO.....211120-005
BY MARCOTTE R E
HANRAHAN R J
INSTR...F33615-67-C-1758
PROJECT.....7023

ARL 68-1331A
UNIVERSITY OF HOUSTON
ION POLAR MOLECULE REACTIONS/ ENERGY DEPENDENCY OF HYDROGEN ATOM AND ION TRANSFER IN THE METHANOL-ACETALDEHYDE SYSTEM
PRESENTED AT SYMPOSIUM ON FUNDAMENTAL PROCESSES IN GAS KINETICS, SOUTHWEST REGIONAL MEETING OF THE AMERICAN CHEMICAL SOCIETY, AUSTIN, TEXAS, 5 DEC 68.
OAR ACCESS NO.....209730-137
BY LEGER L J
MEISELS G G
TIERNAN T O
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 68-1332A
AEROSPACE RESEARCH LABORATORIES
EVALUATION OF THE PACE KP109 PRESSURE TRANSDUCER FOR USE IN A HYPERSONIC WIND TUNNEL
PAPER PRESENTED AT 30TH SUPERSONIC TUNNEL ASSON MTG, OHIO STATE UNIV, COLUMBUS, OH, 2-4 OCT 68.
OAR ACCESS NO.....211780-003
BY OJDANA E S JR
INSTR...ARL-7065-00-21
PROJECT.....7065

ARL 68-1333C
AEROSPACE RESEARCH LABORATORIES
TWO MODES OF MOMENTUM TRANSFER FOR A STATIONARY ARC IN A TRANSVERSE MAGNETIC FIELD
OAR RESEARCH REVIEW VOL. VII, NO. 8, PP. 13-15, AUGUST 1968
OAR ACCESS NO.....211360-031
BY GIANNOTTA S F
SCHRADE H O
INSTR...ARL-7063-00-13
PROJECT.....7063

ARL 68-1334C
AEROSPACE RESEARCH LABORATORIES
SELF-DIFFUSION OF RADIOACTIVE TRACERS ACROSS DISCONTINUOUS SURFACES
OAR RESEARCH REVIEW VOL. VII, NO. 8, PP.10-11, AUGUST 1968
OAR ACCESS NO.....211680-007
BY CRAMER K R
INSTR...ARL-7063-00-16
PROJECT.....7063

ARL 68-1335B
NEW YORK UNIVERSITY
A TECHNIQUE FOR MEASURING CONCENTRATION IN A TWO COMPONENT SUPERSONIC FLOW
PAPER PRESENTED AT THE SEA MEETING IN MAY 1968.
OAR ACCESS NO.....209301-009
BY MEDECKI H
SLOVAK P
INSTR...F33615-68-C-1104
PROJECT.....7064

ARL 68-1336C
AEROSPACE RESEARCH LABORATORIES
METALLURGY AND CERAMICS RESEARCH LABORATORY
PUBLISHED IN OAR RESEARCH REVIEW, VOL VII, NUMBER 6, JUNE 6
OAR ACCESS NO.....209990-932
BY HASSELL E J
INSTR...ARL-7021-00-08
PROJECT.....7021

ARL 68-1337A
AEROSPACE RESEARCH LABORATORIES
RESONANCE LEVELS IN P SUPPER 30 FROM THE SI SUPPER 29 P,P SI SUPPER 29 REACTION
PRESENTED AT THE FALL MEETING AT MIAMI BEACH, FLORIDA OF THE APS, 25-27NOV68
OAR ACCESS NO.....210430-033
BY MANTHURUTHIL J C
INSTR...ARL-7112-00-02
PROJECT.....7112

ARL 68-1338A
AEROSPACE RESEARCH LABORATORIES
PROPERTIES OF P SUPPER 30 LEVELS
PRESENTED AT THE FALL MEETING AT MIAMI BEACH, FLORIDA OF THE APS, 25-27NOV68
OAR ACCESS NO.....210420-050
BY HARRIS G I
INSTR...ARL-7112-00-01
PROJECT.....7112

ARL 68-1339A
AEROSPACE RESEARCH LABORATORIES
PROPERTIES OF CI SUPPER 37 FROM THE S SUPPER 36 P, GAMMA CI SUPPER 37 REACTION
PRESENTED AT THE FALL MEETING AT MIAMI BEACH, FLORIDA OF THE APS, 25-27NOV68
OAR ACCESS NO.....210420-051
BY HARRIS G I
PERRIZO J
INSTR...ARL-7112-00-01
PROJECT.....7112

ARL 68-1340A
AEROSPACE RESEARCH LABORATORIES
ANALOG DOUBLET IN CI SUPPER 35
PRESENTED AT THE FALL MEETING AT MIAMI BEACH, FLORIDA OF THE APS, 25-27NOV68
OAR ACCESS NO.....210420-052
BY WATSON D D
INSTR...ARL-7112-00-01
PROJECT.....7112

ARL 68-1341A
AEROSPACE RESEARCH LABORATORIES
NUCLEAR STRUCTURE OF SC SUPPER 43 II. GAMMA-RAY ANGULAR CORRELATIONS
PRESENTED AT THE FALL MEETING AT MIAMI BEACH, FLORIDA OF THE APS, 25-27NOV68
OAR ACCESS NO.....210430-034
BY POIRIER C P
MANTHURUTHIL J C
WALINGA J
INSTR...ARL-7112-00-02
PROJECT.....7112

ARL 68-1342A
AEROSPACE RESEARCH LABORATORIES
NUCLEAR STRUCTURE OF SC SUPPER 43 I. ENERGY LEVELS AND DECAY SCHEMES
PRESENTED AT THE FALL MEETING AT MIAMI BEACH, FLORIDA OF THE APS, 25-27NOV68
OAR ACCESS NO.....210430-035
BY MANTHURUTHIL J C
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OAR ACCESS NO.....210430-036
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OAR ACCESS NO.....210920-009
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OAR ACCESS NO.....210560-036
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OAR ACCESS NO.....210900-009
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OAR ACCESS NO.....210560-009
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OAR ACCESS NO.....209520-053
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OAR ACCESS NO.....209520-057
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INSTR...AF-337615/02272
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OAR ACCESS NO.....209520-058
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OAR ACCESS NO.....210560-037
BY REYNOLDS D C
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OAR ACCESS NO.....210560-038
BY REYNOLDS D C
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AFOSR 68-1165

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ARL 68-0020U

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ARL 68-0218U

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APPENDIX A

Organization Symbols

AEDC	Arnold Engineering Development Center (AFSC)
AFAL	Air Force Avionics Laboratory, DOL (AFSC)
AFAPL	Air Force Aero-Propulsion Laboratory, DOL (AFSC)
AFATL	Air Force Armament Laboratory, DOL (AFSC)
AFCRL	Air Force Cambridge Research Laboratories (OAR)
AFFDL	Air Force Flight Dynamics Laboratory, DOL (AFSC)
AFFTC	Air Force Flight Center (AFSC)
AFHRL	Air Force Human Resources Laboratory, AMD (AFSC)
AFMDC	Air Force Missile Development Center (AFSC)
AFML	Air Force Materials Laboratory, DOL (AFSC)
AFOSR	Air Force Office of Scientific Research (OAR)
AFRPL	Air Force Rocket Propulsion Laboratory, DOL (AFSC)
AFSC	Air Force Systems Command
AFSWC	Air Force Special Weapons Center (AFSC)
AFWL	Air Force Weapons Laboratory, DOL (AFSC)
AMD	Aerospace Medical Division (AFSC)
AMRL	Aerospace Medical Research Laboratory, AMD (AFSC)
APGC	Air Proving Ground Center (AFSC)
ARC	Chemistry Research Laboratory, ARL (OAR)
ARE	Energetics Research Laboratory, ARL (OAR)
ARF	Fluid Dynamics Facilities Research Laboratory, ARL (OAR)
ARH	Plasma Physics Research Laboratory, ARL (OAR)
ARL	Aerospace Research Laboratories (OAR)

ORGANIZATION SYMBOLS (cont'd)

ARM	Applied Mathematics Research Laboratory, ARL (OAR)
ARN	Thermomechanics Research Laboratory, ARL (OAR)
ARP	General Physics Research Laboratory, ARL (OAR)
ARR	Hypersonic Research Laboratory, ARL (OAR)
ARX	Solid State Physics Research Laboratory, ARL (OAR)
ARZ	Metallurgy and Ceramics Research Laboratory, ARL (OAR)
ASD	Aeronautical Systems Division (AFSC)
AVTE	Electronic Technology Division, AFAL, DOL (AFSC)
CRA	Aeronomy Laboratory, AFCRL (OAR)
CRB	Data Sciences Laboratory, AFCRL (OAR)
CRD	Microwave Physics Laboratory, AFCRL (OAR)
CRE	Aerospace Instrumentation Laboratory, AFCRL (OAR)
CRF	Space Physics Laboratory, AFCRL (OAR)
CRH	Meteorology Laboratory, AFCRL (OAR)
CRJ	Terrestrial Sciences Laboratory, AFCRL (OAR)
CRK	Sacramento Peak Observatory, AFCRL (OAR)
CRO	Optical Physics Laboratory, AFCRL (OAR)
CRP	Ionospheric Physics Laboratory, AFCRL (OAR)
CRW	Solid State Sciences Laboratory, AFCRL (OAR)
DOL	Directorate of Laboratories, Hq AFSC
EMC	Communications Division, RADC, DOL (AFSC)
EMIA	Intelligence and Applications Branch, RADC, DOL (AFSC)
EOAR	European Office of Aerospace Research (OAR)
ESD	Electronic Systems Division (AFSC)

ORGANIZATION SYMBOLS (cont'd)

FJSRL	The Frank J. Seiler Research Laboratory (OAR)
FTD	Foreign Technology Division (AFSC)
LAOAR	Latin American Office, Det. 7 (OAR)
LOOAR	Los Angeles Office, Det. 6 (OAR)
MAM	Metals and Ceramics Division, AFML, DOL (AFSC)
MAN	Nonmetallic Division, AFML, DOL (AFSC)
MAY	Materials Physics Division, AFML, DOL (AFSC)
OAR	Office of Aerospace Research
ORA	Office of Research Analyses, Det. 8 (OAR)
PFOAR	Patrick Field Office, Det. 4 (OAR)
RADC	Rome Air Development Center, DOL (AFSC)
SAMSO	Space and Missile Systems Organization (AFSC)
SRC	Directorate of Chemical Sciences, AFOSR (OAR)
SRE	Directorate of Engineering Sciences, AFOSR (OAR)
SREE	Electronics Division
SREM	Mechanics Division
SREP	Propulsion Division
SRI	Directorate of Information Sciences, AFOSR (OAR)
SRL	Directorate of Life Sciences, AFOSR (OAR)
SRLA	Biological Sciences Division
SRLB	Behavioral Sciences Division
SRM	Directorate of Mathematical Sciences, AFOSR (OAR)
SRMA	Applied Mathematics Division
SRMM	Mathematics Division

ORGANIZATION SYMBOLS (cont'd)

SRP	Directorate of Physical Sciences, AFOSR (OAR)
SRPG	Geophysics Division
SRPN	Nuclear Physics Division
SRPP	General Physics Division
SRPS	Solid State Sciences Division
USAFEL	USAF Epidemiological Laboratory, AMD (AFSC)
VFOAR	Vandenberg Field Office, Det. 9 (OAR)

APPENDIX B

Air Force Research And Development Organizations

Office of Aerospace Research (OAR)

Headquarters, OAR
1400 Wilson Boulevard
Arlington, Virginia 22209

Aerospace Research Laboratories (ARL)
Wright-Patterson AFB
Ohio 45433

Air Force Cambridge Research Laboratories (AFCRL)
L. G. Hanscom Field
Bedford, Massachusetts 01730

Air Force Office of Scientific Research (AFOSR)
1400 Wilson Boulevard
Arlington, Virginia 22209

European Office of Aerospace Research (EOAR)
47 Cantersteen
Brussels, Belgium (APO New York 09667)

The Frank J. Seiler Research Laboratory (FJSRL)
USAF Academy
Colorado 80840

Detachment 4 (PFOAR) OAR
P. O. Box 4276, Patrick AFB
Florida 32925

Detachment 6 (LOOAR) OAR
AF Unit Post Office
Los Angeles, California 90045

Detachment 7 (LAOAR) OAR
U. S. Embassy, Rio de Janeiro, Brazil
APO New York 09676

Detachment 8 (ORA) OAR
Holloman AFB
New Mexico 88330

Detachment 9 (VFOAR) OAR
Vandenberg AFB
California 93437

Air Force Systems Command (AFSC)

Headquarters, AFSC
Andrews AFB
Washington, D.C. 20331

AFSC Laboratories

Directorate of Laboratories (DOL), Hq AFSC
Andrews AFB
Washington, D.C. 20331

Air Force Aero-Propulsion Laboratory (AFAPL)
Wright-Patterson AFB
Ohio 45433

Air Force Armament Laboratory (AFATL)
Eglin AFB
Florida 32542

Air Force Avionics Laboratory (AFAL)
Wright-Patterson AFB
Ohio 45433

Air Force Flight Dynamics Laboratory (AFFDL)
Wright-Patterson AFB
Ohio 45433

Air Force Materials Laboratory (AFML)
Wright-Patterson AFB
Ohio 45433

Air Force Rocket Propulsion Laboratory (AFRPL)
Edwards AFB
California 93523

Air Force Weapons Laboratory (AFWL)
Kirtland AFB
New Mexico 87117

Rome Air Development Center (RADC)
Griffiss AFB
New York 13442

AFSC Divisions

Aeronautical Systems Division (ASD)
Wright-Patterson AFB
Ohio 45433

Aerospace Medical Division (AMD)
Brooks AFB
Texas 78235

6570th Aerospace Medical Research Laboratory (AMRL)
Wright-Patterson AFB
Ohio 45433

6571st Aerospace Medical Research Laboratory (AMRL)
Holloman AFB
New Mexico 88330

Air Force Human Resources Laboratory (AFHRL-1)
Brooks AFB
Texas 78235

Air Force Human Resources Laboratory (AFHRL-2)
Wright-Patterson AFB
Ohio 45433

USAF Epidemiological Laboratory (USAFEL)
Lackland AFB
Texas 78236

Electronic Systems Division (ESD)
L. G. Hanscom Field
Bedford, Massachusetts 01730

Foreign Technology Division (FTD)
Wright-Patterson AFB
Ohio 45433

Space and Missile Systems Organization (SAMSO)
AF Unit Post Office
Los Angeles, California 90045

AFSC Centers

Air Force Flight Test Center (AFFTC)
Edwards AFB
California 93523

Air Force Missile Development Center (AFMDC)
Holloman AFB
New Mexico 88330

Air Force Special Weapons Center (AFSWC)
Kirtland AFB
New Mexico 87117

Air Proving Ground Center (APGC)
Eglin AFB
Florida 32542

Arnold Engineering Development Center (AEDC)
Arnold AF Station
Tullahoma, Tennessee 37389

APPENDIX C

OAR Research Projects

Program Element		DRS Subelement	
No.	Title	No.	Title
61102F	Defense Research Sciences		
		01	General Physics
		02	Nuclear Physics
		03	Chemistry
		04	Mathematical Sciences
		05	Electronics
		06	Materials Research
		07	Mechanics
		08	Energy Conversion
		09	Terrestrial Sciences
		10	Atmospheric Sciences
		11	Astronomy and Astrophysics
		12	Biological and Medical Sciences
		13	Behavioral and Social Sciences
		14	University Programs
62101F	Environment (Exploratory Development)		
62403F	Aerospace Avionics (Exploratory Development)		
62702F	Ground Electronics (Exploratory Development)		
63403F	Aerospace Research Support (Advanced Development)		
63404F	Satellites, Balloons, and Rockets (Advanced Development)		

LIST OF OAR PROJECTS

PROJ	PROGRAM ELEMENT	TITLE	SUBELEMENT	RESPONSIBLE ACTIVITY
4062	62101F	Electromagnetic Wave Propagation in Dynam Situations		AFCRL
4150	61102F	Solid Surface Electronics	Electronics	AFAL
4152	61102F	Plasma Electronics	Electronics	AFAL
4600	62702F	Electromagnetic Radiation Techniques		AFCRL
4603	62101F	Long Wave Sources and Fields		AFCRL
4608	62403F	Physics of Radiation Resistant Solid State Devices		AFCRL
4610	62702F	Information Processes for Communication		AFCRL
4641	62702F	Advanced Data Processing Technology		AFCRL
4642	62101F	Interaction of EM Rad with Ionized Flow Fields		AFCRL
4643	62101F	Radio Astronomical Studies		AFCRL
4645	62403F	Coherent Optical Device Physics		AFCRL
4648	62702F	Methods for Processing Complex Information		AFCRL
4691	62101F	Aeronautical Kinetics		AFCRL
4751	61102F	Joint Services Electronics Program	Electronics	AFOSR
5579	62101F	Electromagnetic Propagation Tech		RADC
5620	61102F	Syn/Prop Electromag Materials	General Physics	AFCRL
5621	61102F	Solid State Phenomena	General Physics	AFCRL
5628	61102F	Communications Processes	Electronics	AFCRL
5629	61102F	Radio Astronomy and Astrophysics	Astronomy and Astrophysics	AFCRL
5631	61102F	Ionospheric Radio Physics	Atmospheric Sci	AFCRL
5632	61102F	Rsch in Electronic Info	Electronics	AFCRL
5633	61102F	Upper Atmospheric Dynamics	Atmospheric Sci	AFCRL
5634	61102F	Rsch in Optical Physics	Electronics	AFCRL
5635	61102F	Electromagnetic Radiation	Electronics	AFCRL
5638	61102F	Solid State Electronics	Electronics	AFCRL
6020	62101F	Aircraft Meteorological Sensors and Tech		AFCRL
6665	63404F	Plastic Balloon Components and Tech		AFCRL
6670	62101F	Atmospheric Sensing Tech		AFCRL
6672	62101F	Weather Radar Tech		AFCRL
6687	62101F	Aerospace Composition		AFCRL
6688	62101F	Solar Ultraviolet Radiation		AFCRL
6690	62101F	Aerospace Density		AFCRL
6698	62101F	Satellite Meteorology		AFCRL
6952	61102F	Exp Tech in Supersonic Combustion	Energy Conversion	AEDC

PROJ	PROGRAM ELEMENT	TITLE	SUBELEMENT	RESPONSIBLE ACTIVITY
7021	61102F	Structure and Properties of Solids	Materials Rsch	ARL
7023	61102F	Chemical Prop & Proc	Chemistry	ARL
7031	61102F	Ferroelec Phen & Theor Concepts-Info Handling	Electronics	AFAL
7043	63403F	Aerospace Research Support Prog		OAR
7063	61002F	Thermomechanics Rsch	Mechanics	ARL
7064	61002F	High Velocity Fluid Mech	Mechanics	ARL
7065	61102F	Aerospace Simulation Tech Rsch	Mechanics	ARL
7071	61102F	Rsch in Applied Math	Math Sciences	ARL
7073	61102F	Plasma Dynamics Rsch	General Physics	ARL
7112	61102F	Nuclear Physics	Nuclear Physics	ARL
7114	61102F	General Physics	General Physics	ARL
7116	61102F	Energy Conversion Rsch	Energy Conversion	ARL
7163	61102F	Rsch Biomechanisms and Metabolism	Bio & Med Sci	AMD
7183	61102F	Psych Rsch on Human Performance	Behav & Soc Sci	AMD
7220	61102F	Biophysics Rsch	Bio & Med Sci	AMD
7232	61102F	Logic of Nervous Systems	Bio & Med Sci	AMD
7234	61102F	Rsch in Terminal Effects	Mechanics	AFATL
7235	61102F	Isocon Image Amplification	General Physics	ARL
7342	61102F	Rsch on Macromolecules	Materials Rsch	AFML
7353	61102F	Rsch on Metals	Materials Rsch	AFML
7367	61102F	Characterization of Materials	Materials Rsch	AFML
7600	62101F	Geodesy for Naviguidance		AFCRL
7601	62101F	Electric and Magnetic Fields		AFCRL
7605	62101F	Weather Modification		AFCRL
7621	62101F	Atmospheric Optics		AFCRL
7628	62101F	Terrestrial Geology		AFCRL
7635	62101F	Upper Atmosphere Chemical Physics		AFCRL
7637	62101F	Air Pressure Pulse		AFCRL
7639	62101F	Elastic Wave Propagation Studies		AFCRL
7649	62101F	Solar Environmental Effects		AFCRL
7655	62101F	Micrometeorology		AFCRL
7659	62101F	Aerospace Rsch Instrumentation		AFCRL
7661	62101F	Aurora and Airglow		AFCRL
7663	62101F	Ionospheric Characteristics		AFCRL
7667	62101F	Meteor Physics		AFCRL
7670	62101F	Geophysical Effects on IR Radiation		AFCRL
7885	61102F	Rsch in Solid State Physics	General Physics	ARL
7900	61102F	Rsch in Math Sci	Math Sciences	ORA
7903	61102F	Chemical Synthesis and Characterization	Chemistry	FJSRL
7904	61102F	Optimization, Programming and Control	Math Sciences	FJSRL
7905	61102F	Mechanics of Fluids	Mechanics	FJSRL
7906	61102F	Basic Rsch in Math and Computer Base Methods of Simulating AF Pers. Sys.	Behav & Soc Sci	AFHRL
7907	61102F	Human Learning & Motivation	Behav & Soc Sci	AFHRL

PROJ	PROGRAM ELEMENT	TITLE	SUBELEMENT	RESPONSIBLE ACTIVITY
7909	61102F	Rsch in Management Sci	Math Sciences	ORA
7910	61102F	Rsch Analysis Studies	Math Sciences	ORA
7921	61102F	THEMIS	Univ Program	AFOSR
7922	61102F	THEMIS	Univ Program	AFCRL
7923	61102F	THEMIS	Univ Program	ARL
7924	61102F	THEMIS	Univ Program	AFML
8505	61102F	Rsch on System Theory	Electronics	RADC
8600	61102F	Rsch on Cosmic Radiation	Astronomy and Astrophysics	AFCRL
8601	61102F	Rsch on Geomagnetism	Astronomy and Astrophysics	AFCRL
8602	61102F	Lunar-Planetary Spectra	Astronomy and Astrophysics	AFCRL
8603	61102F	Rsch on IR and Optical Techniques	Atmospheric Sci	AFCRL
8604	61102F	Meteorological Rsch	Atmospheric Sci	AFCRL
8605	61102F	Upper Atmosphere Structure	Atmospheric Sci	AFCRL
8607	61102F	Rsch in Geodesy and Gravity	Terrestrial Sci	AFCRL
8608	61102F	Plasma Dynamics Astrophysics	Astronomy and Astrophysics	AFCRL
8617	61102F	Electrical Structure of Aerospace	Atmospheric Sci	AFCRL
8620	61102F	Rsch on Cloud Physics	Atmospheric Sci	AFCRL
8623	61102F	Geolog Prop: Min, Land/Crust	Terrestrial Sci	AFCRL
8624	62101F	Variability of Meteorological Elements		AFCRL
8627	61102F	Spectroscopic Studies of Upper Atmosphere	Atmospheric Sci	AFCRL
8628	62101F	Free Air Circulations		AFCRL
8635	61102F	Rsch on Physical Processes	Astronomy and Astronophysics	AFCRL
8647	61102F	Magnetohydrodynamics & Space Physics	Astronomy and Astrophysics	AFCRL
8654	61102F	Aerospace Geodesy	Terrestrial Sci	AFCRL
8658	61102F	IR Non-Equil Radiat Mech	Atmospheric Sci	AFCRL
8659	61102F	Energetic Processes Rsch	Energy Conversion	AFCRL
8666	62101F	Space Environ Obsvg and Forecasting Techniques		AFCRL
8679	62101F	Aerosol Interactions		AFCRL
8682	62101F	Millimeter-Wave Propagation Rsch		AFCRL
8803	61102F	Pers Hzrds Assoc with Ambient Space Radiation	Bio & Med Sci	AFWL
8806	61102F	Optical Properties of Matter	General Physics	AFWL
8951	61102F	Rsch on Far Hypersonics	Mechanics	AEDC
9536	61102F	Chem Instrumentation & Techniques	Chemistry	AFOSR
9537	61102F	Structural Chemistry	Chemistry	AFOSR
9538	61102F	Chemical Energetics	Chemistry	AFOSR
9539	61102F	Theoretical Chemistry	Chemistry	AFOSR
9540	61102F	Chemical Synthesis	Chemistry	AFOSR

PROJ	PROGRAM ELEMENT	TITLE	SUBELEMENT	RESPONSIBLE ACTIVITY
9710	61102F	Inorganic Chemistry	Chemistry	AFOSR
9711	61102F	Rsch in Combustion Dynamics	Energy Conversion	AFOSR
9713	61102F	Principia	Energy Conversion	AFOSR
9730	61102F	Rsch Investigation UFO	Atmospheric Sci	AFOSR
9731	61102F	Tectonophysics	Terrestrial Sci	AFOSR
9748	61102F	Policy Planning Studies	Behav & Soc Sci	AFOSR
9749	61102F	Rsch in Math Sciences	Math Sciences	AFOSR
9750	61102F	Propulsion Chemistry	Energy Conversion	AFOSR
9751	61102F	Nuclear Physics	Nuclear Physics	AFOSR
9752	61102F	Physical Energetics	Energy Conversion	AFOSR
9760	61102F	Physical Chemistry	Chemistry	AFOSR
9761	61102F	Solid State Materials	General Physics	AFOSR
9762	61102F	Organic Chemistry	Chemistry	AFOSR
9763	61102F	Solid State Physics	General Physics	AFOSR
9764	61102F	National Magnet Lab	General Physics	AFOSR
9767	61102F	Physics of Atoms, Molecules, Waves, and Plasmas	General Physics	AFOSR
9768	61102F	Info Communications and Electronic Eng Sci	Electronics	AFOSR
9769	61102F	Rsch in Information Sciences	Math Sciences	AFOSR
9774	61102F	Interplanetary, Stellar & Galactic Physics	Astronomy and Astrophysics	AFOSR
9777	61102F	Rsch in Bio and Med Sciences	Bio & Med Sci	AFOSR
9778	61102F	Rsch in Behavioral Sciences	Behav & Soc Sci	AFOSR
9779	61102F	Rsch in Social Sciences	Behav & Soc Sci	AFOSR
9781	61102F	Dynamics of Flow Fields	Mechanics	AFOSR
9782	61102F	Rsch in Solid Mechanics	Mechanics	AFOSR
9783	61102F	Rarefied Gas and Plasma Dynamics	Mechanics	AFOSR
9860	61102F	Rsch Viscous Mech Extremes	Mechanics	AFATL

*U. S. GOVERNMENT PRINTING OFFICE : 1969 O - 356-652

Security Classification

DOCUMENT CONTROL DATA - R & D

(Security classification of title, body of abstract and indexing annotation must be entered when the overall report is classified)

1. ORIGINATING ACTIVITY (Corporate author)	2a. REPORT SECURITY CLASSIFICATION
Hq Office of Aerospace Research 1400 Wilson Blvd. Arlington, Va. 22209	UNCLASSIFIED
	2b. GROUP N/A

3. REPORT TITLE

OAR Index of Research Results, 1967-1968

4. DESCRIPTIVE NOTES (Type of report and inclusive dates)

Management Recurring

5. AUTHOR(S) (First name, middle initial, last name)

N/A

6. REPORT DATE	7a. TOTAL NO. OF PAGES	7b. NO. OF REFS
June 1969	1250	N/A

8a. CONTRACT OR GRANT NO.	N/A	9a. ORIGINATOR'S REPORT NUMBER(S)	
b. PROJECT NO.	N/A	N/A	
c.	N/A	9b. OTHER REPORT NO(S) (Any other numbers that may be assigned this report)	
d.	N/A	OAR 69-0010	AD 692501

10. DISTRIBUTION STATEMENT

1. This document has been approved for public release and sale; its distribution is unlimited.

11. SUPPLEMENTARY NOTES	12. SPONSORING MILITARY ACTIVITY
N/A	Hq OAR (RRY) 1400 Wilson Blvd. Arlington, Va. 22209

13. ABSTRACT

This Index is designed to identify all scientific and technical reports published by the various OAR subordinate units during 1967-1968, as well as the results of research sponsored by OAR at the AFSC laboratories during this same period. It is also intended to furnish a ready reference for the identification of technical reports produced under certain contracts, grants or projects.

The publication includes a Bibliography (Section I) of research results organized into subsections and cross referenced by a Corporate-Author Index, an Author Index, a Contract/Grant-Number Index, a Project-Number Index, an AD-Number Index, and a KWIC (Keyword-in-Context)-Type Subject Index (Sections II-VII).

In addition, there are three Appendices to assist the user to reference pertinent reports to the relevant Air Force R&D organizations and projects.

DD FORM 1 NOV 65 1473

UNCLASSIFIED
Security Classification

14. KEY WORDS	LINK A		LINK B		LINK C	
	ROLE	WT	ROLE	WT	ROLE	WT
General Physics						
Nuclear Physics						
Chemistry						
Mathematical Sciences						
Electronics						
Materials Research						
Mechanics						
Energy Conversion						
Terrestrial Sciences						
Atmospheric Sciences						
Astronomy and Astrophysics						
Biological and Medical Sciences						
Behavioral and Social Sciences						
University Programs						
OAR Exploratory Development						
Advanced Development						