

UNCLASSIFIED

AD NUMBER
AD834344
NEW LIMITATION CHANGE
TO Approved for public release, distribution unlimited
FROM Distribution authorized to U.S. Gov't. agencies and their contractors; Administrative/Operational Use; Jun 1961. Other requests shall be referred to Central Intelligence Agency, Office of Central Reference, 2430 E. Street, NW, Washington, DC 20505.
AUTHORITY
CIA ltr, 7 Sep 2004

THIS PAGE IS UNCLASSIFIED

AD834344



6
CONSOLIDATED
TRANSLATION
SURVEY

Number 42.

11 JUN 1961

12 364p.

AD No. _____
DDC FILE COPY

Handwritten signature

Prepared by
Foreign Documents Division
CENTRAL INTELLIGENCE AGENCY
2430 E St., N. W., Washington 25, D. C.

DDC
RECORDED
JUN 26 1968
RELEASED
B.

141 500

Handwritten initials

CONSOLIDATED TRANSLATION SURVEY

FOR JUNE 1961

<u>TABLE OF CONTENTS</u>	<u>Page</u>
Notes concerning the Survey	c
Request for copies	d
USSR	
Economic	1
Political	21
Military	24
Geographic	26
Sociological	28
Biographic	33
Eastern Europe	
Economic	35
Political	62
Military	65
Geographic	66
Sociological	67
Biographic	69
Northern Europe	
Economic	70
Political	70
Military	71
Sociological	71
Near East/Africa	
Economic	72
Political	74
Geographic	76
Sociological	76
Far East	
Economic	77
Political	108
Geographic	130
Sociological	131

	<u>Page</u>
Western Europe	
Economic	136
Political	137
Military	140
Geographic	140
Latin America	
Economic	141
Political	142
Sociological	143
Scientific	
Aeronautics	144
Astronomy	146
Biology	148
Chemistry	157
Electricity	173
Electronics	177
Engineering	186
Fuels	219
Geophysics	220
Mathematics	230
Medicine	232
Minerals/Metals	262
Nuclear Physics	280
Physics	283
Space Research	301
Miscellaneous	309
Author Index	316
Information on Cover-to-Cover Translations	344

CONSOLIDATED TRANSLATION SURVEY

An author index to items in this issue is appended.

This Survey is prepared monthly by Foreign Documents Division, CIA, from lists received through cooperation of US government agencies and includes translations of such agencies, private industry, universities, research institutions, and commercial translation organizations. It is a compilation of foreign documentary projects, completed or started during the month preceding this publication.

Translations are listed by area and subject category. Scientific projects are grouped as a section regardless of geographic area. Title in English, author, foreign language title of source of material, date and data of publication, and publication identification of the completed project are given when available.

Some of the above details may be unavailable on projects listed "in process." New projects in process will be listed only once, their subsequent listing being made when they are reported completed. Projects in process, i.e., not completed as of the date of this Survey, are noted with an asterisk (*), and when available, a project-control or "in-process" number is noted in parentheses following the title.

REQUESTS FOR COPIES

Requests for copies of published projects should be made direct to the designated producing organization.

All requests for items prefixed by "CIA" should be addressed to Office of Central Reference, 2430 E Street, NW, Washington DC.

Addresses of producers follow:

AAEC

Australian Atomic Energy Commission
Lucas Heights
New South Wales, Australia

ACSI

Department of Army
Assistant Chief of Staff, Intelligence
Intelligence Documents Branch
Washington 25, DC

Requests from non-government sources for
Army documents should be ordered through:

Dept of Commerce
Office of Technical Services
Washington 25, DC

ACSIL

Admiralty Center for Scientific Information and Liaison
Queen Anne's Mansions
St James Park
London, SW 1, England

Acta Metallurgica

122 East 55th Street
New York 22, New York

AEC - Atomic Energy Commissions (see Department of Commerce)

AEI

Associated Electrical Industries
Research Laboratory
Aldermaston Court
Aldermaston, Berkshire, England

AERE Harwell Lib

The Librarian
AERE, Ministry of Supply
Harwell, Didcot, Birks
England

AF

Department of Air Force
Collection and Dissemination
Assistant Chief of Staff, Intelligence
ATTN: AFCIN 1B3
Washington 25, DC

AGI

American Geological Institute
2101 Constitution Avenue, NW
Washington 25, DC

AGS

American Geographical Society
Broadway at 156th Street
New York 32, New York

AGU

American Geophysical Union
1515 Massachusetts Avenue, NW
Washington 15, DC

AIBS

American Institute of Biological Sciences
2000 P Street, NW
Washington 6, DC

AID - Air Information Division (see AF)

AIP

American Institute of Physics
335 East 45th Street
New York 17, New York

Aluminum Lab

The Aluminium Laboratories, Ltd
Banbury
Oxfordshire, England

Amer Meteorol Soc

American Meteorological Society
Armed Services Technical Information Agency (ASTIA)
Arlington Hall Station
Arlington 12, Virginia

AMS - Army Map Service (see ACSI)

APL - Applied Physics Laboratory (see Navy)

ARS

American Rocket Society
500 Fifth Avenue
New York 36, New York

ASLIB

Association of Special Libraries and Information Bureau
4 Palace Gate
London W 8, England

ATIC - Aerospace Technical Intelligence Center (see AF)

ATS

Associated Technical Services
PO Box 271
East Orange, New Jersey

BCIRA

British Cast Iron Research Association
Bordesley Hall
Alvechurch, Birmingham
England

BCRA

British Ceramic Research Association
Queen's Road
Penkhull
Stoke-on-Trent, Staffs
England

BICTR

British Iron and Coal Trades Review
Industrial Newspaper Limited
17 John Adam Street
Aldelphi, London WC 2, England

BISI

British Iron and Steel Institute
4 Grosvenor Gardens
London, SW 1, England

BTC

The Library Research Department
British Transport Commission
(British Railways Division)
London Road, Derby, England

Bu of Census

Bureau of Census
Foreign Manpower Research Office
General Federal Office Building 3
Suitland, Maryland

Bu of Reclam

Bureau of Reclamation
Technical Library
Denver, Colorado

BuShips - Bureau of Ships (see Navy)

Butterworth's London

Butterworth & Co. (Publishers) Ltd.
88 Kingsway London, W.C.2, England

BWRA

British Welding Research Association
Abington Hall, Abington
Cambridge, England

CB

Consultants Bureau, Inc
227 West 17th Street
New York 11, New York

Cleaver-Hume Press, Ltd

Cleaver-Hume Press, Ltd
31 Wright's Lane
London W 8, England

Commonwealth Acoustic Lab

Commonwealth Acoustic Laboratory
Customs House
Circular Quay
Sydney, Australia

Co-op Tr Sch - Co-operative Translation Scheme (see Sci Mus Lib)

Corps of Engr (see ACSI)

CSIR

The Head
Information Division
Council for Scientific and Industrial Research
PO Box 395
Pretoria, Africa

CSIRO

Commonwealth Scientific and Industrial Research Organization
314 Albert Street
East Melbourne, C 2, Victoria
Australia

CTRA

The Coal Tar Research Association
Oxford Road
Gomersal, Leeds

CTT

Columbia Technical Translations
5 Vermont Avenue
White Plains, New York

D. Van Nostram, Inc

D. Van Nostram, Inc
120 Alexander Street
Princeton, New Jersey

Dept of Comm

Department of Commerce
Office of Technical Services
Washington 25, DC

Dept of Int

Department of Interior
Library
Washington 25, DC

Dept of State

Department of State
Division of Library and Reference Service
132 State Annex 1
Washington, DC

DSI (British)

Ministry of Supply
TIL.1(b)
Leysdown Road
Mottingham
London, SE 9, England

DSIR

Department of Scientific and Industrial Research
Record Section
Charles House
5-11 Regent Street
London, SW 1, England

DSIR LLU

Department of Scientific and Industrial Research
Lending Library Unit
20 Chester Terrace
London, NW 1, England

DTMB - David Taylor Model Basin (see Navy)

Eagle Tech Publ

Eagle Technical Publications
62b, Stapleton Hall Road
London, N 4, England

EIS

Engineering Information Services
Kirkham,
Preston
Lancashire, England

Engr Res & Dev Lab (see ACSI)

FELTHAM

Dr. P. Feltham
23 Stainburn Drive
Leeds, 17, England

Fisheries Res Bd

Fisheries Research Board of Canada
Biological Station,
St. Andrews, New Brunswick

Frederick Ungar

Frederick Ungar Publishing Company
131 East 23rd Street
New York 10, New York

Fulmer Res Inst, Ltd

Fulmer Research Institute, Ltd
The Librarian
Stoke Poges
Buckinghamshire, England

Geochem Soc

Geochemical Society
Prof E. Wm. Heinrich
Mineralogical Laboratory
University of Michigan
Ann Arbor, Michigan

HB

Henry Bratcher Technical Translations
PO Box 157
Altadena, California

HO - Hydrographics Office (see Navy)

IASP

International Arts and Sciences Press
33 West 42d Street
New York 36, New York

ICI (Billingham)

Imperial Chemical Industries Ltd
Billingham Division
Intelligence Section
Billingham, Co. Durham

ID - Intelligence Document (see ACSI)

Infosearch Ltd

Infosearch Ltd
242 Willesden Lane
London, NW 10, England

Interntl Coop Admin

International Cooperation Administration
Office of Statistics and Reports
State Annex 1
Washington 25, DC

Interntl Phys Index

International Physical Index, Inc
1909 Park Avenue
New York 35, New York

IP

Interscience Publishers Inc
250 Fifth Avenue
New York 1, New York

ISA

Instrument Society of America
313 Sixth Avenue
Pittsburgh 22, Pennsylvania

JHU/APL - Johns Hopkins University/Applied Physics Laboratory (see Navy)

JPLAI

Jet Propulsion Laboratory, Astronautics Information
California Institute of Technology
Pasadena, California

JPRS

Joint Publications Research Service
For non-scientific reports:

Photoduplication Service
Library of Congress
Washington 25, DC

For scientific-technical reports:

Department of Commerce
Office of Technical Services
Washington 25, DC

LLU Tr Bul - Lending Library Unit Translation Bulletin

Her Majesty's Stationery Office
PO Box 569
London, SE 1, England

Macmillan & Co, Ltd.

Macmillan & Company, Limited
10-15 Saint Martins
London WC 2, England

Maritime Adm

Maritime Administration
Office Services
GAO, 5th and G Streets, NW
Washington, DC

MDF

Morris D. Friedman, Inc
Foreign Technical Translations
PO Box 35
West Newton 65, Massachusetts

MEB

Mark E. Burgunker
541 West 113th Street
New York 25, New York

MT

M. de. O. Tollemache
The Old Rectory
Lewknor, Oxon
England

NASA

National Aeronautics and Space Administration
1512 H Street, NW
Washington 25, DC

Natl Bu Stand

National Bureau of Standards
ATTN: Dr Henry Birnbaum
Room 314, South Building
Washington 25, DC

Navy

Department of Navy
Office of Naval Intelligence
Washington 25, DC

NCB

National Coal Board
2, Grosvenor Place
London, SW 1, England

NIH

Department of Health, Education, and Welfare
National Institutes of Health
Librarian
Bethesda 14, Maryland

NRCC

National Research Council
Library
Ottawa 2, Canada

NRL - Naval Research Laboratory (see Navy)

Oliver & Boyd Ltd

Oliver & Boyd Ltd
Tweeddale Court
14 High Street
Edinburgh 1, England

ONI - Office of Naval Intelligence (see Navy)

OSA

Optical Society of America
121 Lincoln Avenue
Rochester, New York

OTIA - Ordnance Technical Intelligence Agency (see ACSI)

OTS - Office of Technical Services (see Dept of Commerce)

Pat Off

Patent Office
Scientific Library
14th and Constitution Avenue, NW
Washington, DC

PERA

The Information Manager
Production Engineering Research Association
Melton Mowbray
Leicestershire, England

Plenum Press

Plenum Press
227 West 17th St
New York 11, New York

PP

Pergamon Press
122 East 55th Street
New York 22, New York

Prentice - Hall Inc

Prentice - Hall Incorporated
Engelwood Cliff, New Jersey

PS

Primary Sources
11 Bleecker Street
New York 12, New York

PULLEN

G. F. Pullen
9 Carless Avenue
Harborne
Birmingham 17, England

RAE

Royal Aircraft Establishment
Farnborough
Hants, England

RAND Corp

RAND Corporation
ATTN: Publications Office
1700 Main Street
Santa Monica, California

RAPRA

Rubber and Plastics Research Association of Great Britain
Shawbur
Shrewsbury, England

All orders from the American Continents:

Palmerton Publishing Company, Inc
101 West 31 Street
New York 1, New York

Res Lab, Engr Sci U of Va

Research Laboratories for the Engineering Sciences
Thornton Hall
University of Virginia
Charlottesville, Virginia

RIS

Research Information Service
40 East 23rd Street
New York 10, New York

RRG

Review of Russian Geology
Box 6665, College Station
Duke University
Durham, North Carolina

Sci Mus Lib

Science Museum Library
South Kensington
London, SW 7, England

SIAM

Society for Industrial and Applied Mathematics
Box 7541
Philadelphia 1, Pennsylvania

Sky and Telescope

Sky Publishing Corporation
Harvard College Observatory
Cambridge 38, Massachusetts

SMRE

Ministry of Fuel and Power
The Librarian
Research Laboratory
Portobello Street
Sheffield, England

Taylor & Francis, Ltd

Taylor & Francis, Ltd
Subscription Department
18 Red Lion Court
Fleet Street
London, EC 4, England

Thornton Res Centre

The Thornton Research Centre
OPD Dept 12, Finsbury Circus
London, EC 2, England

TIA - Technical Intelligence Agency (see ACSI)

TIL - Technical Information Library (see DSI British)

TMS - Translation Miscellaneous Series (see BISI)

UK AEA

United Kingdom Atomic Energy Authority
Development and Engineering Group
Risley, Warrington, Lancs

USASIA - US Army Signal Intelligence Agency (see ACSI)

USDA

Department of Agriculture
Foreign Agricultural Service
Room 5506
14th and Independence Avenue, NW
Washington 25, DC

USRL - US Research Laboratory (see Navy)

Weapons Research Estab Lib

Weapons Research Establishment Library
Box 1424 H, GPO
Adelaide, S. Australia

142nd MI Linguist Co - 142nd Military Intelligence Linguist Company
(see ACSI)

319th MI Bn - 319th Military Intelligence Battalion (see ACSI)

500th MIG - 500th Military Intelligence Group - (see ACSI)

519th MI Bn - 519th Military Intelligence Battalion (see ACSI)

525th MI Gp - 525th Military Intelligence Group (see ACSI)

P R O J E C T S R E P O R T E D

F O R J U N E 1 9 6 1

USSR

Economic

Armenia in the Seven-Year Plan, by
A. Kochinyan, 53 pp.
RUSSIAN, brochure, Armeniya v Semiletke,
1960, pp 1-80.

JPRS 4624

The Invaluable Gas Fields of Gazli,
by A. A. Bakirov.
RUSSIAN, bk, Laureaty Leninskoy Premii,
1960.

JPRS 9072

A Weightless and Invisible Wire,
by N. M. Averin.
RUSSIAN, bk, Laureaty Leninskoy Premii,
1960.

JPRS 9072

Leningrad Industry and Its Reserves,
by Yu. A. Lavrikov, Ye. V. Mazalov,
(DC-6107).
RUSSIAN, bk, Leningradskaya Promyshlennost'
1 Yeye Rezervy, 1960, 156 pp.

*JPRS

Mechanizers of USSR Agriculture in 1929-
1957, by Yu. V. Arutunyan, (DC-6045).
RUSSIAN, bk, Mekhanizatory Sel'skogo
Khozyaystva SSSR v 1929-1957 g, Moscow,
1960, pp 3-10; 279-292; 295-323; 342;
(30) numbered tables.

*JPRS

Mineral Resources in the Karelian ASSR, by
P. A. Borisov, (NY-6516).
RUSSIAN, bk, Mineral'nyye Resursy Karel'skoy
ASSR i Puti ikh Promyshlennogo Osvoyeniya,
20 Apr 1960.

*JPRS

Dilemmas in the Present-Day Development
Trends of Cogging Mills and Ways of
Resolving Them, by P. A. Aleksandrov.
RUSSIAN, bk, Obrabotka Metallov Davleniem,
No 2, 1953, pp 76-92.

BISI 2196

USSR

Economic (Contd)

Statistical Study of Cost in Capital Construction, by F. Kochen'ak, (SF-1894).
RUSSIAN, bk, Osnovnyye Voprosy Statistiki Kapital'nogo Stroitel'stva, 1957, pp 141-187.

*JPRS

Prospects of Developing and Improving the Highway Network, by V. A. Bochin, 71 pp.
RUSSIAN, bk, Perspektivy Razvitiya i Uluchsheniya Seti Avtomobil'nykh Dorog, 1960, pp 1-62.

JPRS 9228

Soils, by S. Yu. Lipshits, Yu. A. Liverovskiy.
RUSSIAN, bk, Pochvenno-Botanicheskiye Issledovaniya i Problema Sel'skogo Khozyaystva v Tsentral'noy Chasti Doliny Reki Kamchatki, 1937, pp 56-91. Call No. EIF 365160.

AMS

Agricultural Productive Characteristics of the Central Kamchatka Depression Soils, by S. Yu. Lipshits, Yu. A. Liverovskiy.
RUSSIAN, bk, Pochvenno-Botanicheskiye Issledovaniya i Problema Sel'skogo Khozyaystva v Tsentral'noy Chasti Doliny Reki Kamchatki, 1937, pp 92-96. Call No. EIF 365160.

AMS

Operational Results of the Underground Coal Gasification Plant at Lisichanski in the Years 1954 to 1956, by O. V. Kruglov.
RUSSIAN, bk, Podzemnaya Gazifikatsiya Uglya, No 2, 1957, pp 31-38.

*ATIC MCL 1241/1-

Grain Production, The Foundation of All Agriculture.
RUSSIAN, pamphlet, Proizvodstvo Zerna Osnova Vesego Setakogokhziaistva, Series 5, No 18, 1959, 32 pp.

*USDA

The New Level of Industry in Dagestan, by A. Viktorov, (SF-1900).
RUSSIAN, bk, Promyshlennost' Dagestana na Novom Pod'yeme, 1959, pp 1-48.

*JPRS

USSR
Economic (Contd)

Working and Using Sawn Limestone in the Moldavian SSR, by K. P. Galanin, (NY-6555).
RUSSIAN, bk, Razrabotka i Primeneniye Pil'nykh Izvestnyakov v Moldavskoy SSR, 1959, pp 1-242.

*JPRS

Selected Articles From the Russian Book Razvitiye Proizvoditel'nykh Sil Vostochnoy Sibiri -- Mashinostroyeniye, 1959.

JPRS 4600

Basic Trends and Problems of the Development and Distribution of the Machine-Building Industry of Eastern Siberia, by V. I. Dikushin, M. G. Shkol'nikov, 12 pp, (pp 16-25).

Specialization and Long-Range Plans for the Development of the Machine-Building Industry of Chitinskaya Oblast, by G. Ya. Bam, I. S. Gudim, 3 pp, (pp 33-34).

Long-Range Plans for the Development of the Machine-Building and Metal-Working Industries of the Buryatskaya ASSR, by N. V. Titov, V. D. Mayfat, 3 pp, (pp 35-37).

The Place of Eastern Siberia in USSR Machine Building, by A. G. Omarovskiy, 4 pp, (pp 38-41).

Long-Range Planning for the Development of the Motor-Vehicles Industry in Eastern Siberia, by G. D. Kazakov, 4 pp, (pp 60-63).

Development of the Electrical-Engineering Industry in Eastern Siberia, by L. M. Kanevskiy, 4 pp, (pp 64-67).

Long-Range Plans for the Development of Agricultural-Machine Building in Eastern Siberia, by A. P. Kolotushkina, 9 pp, (pp 68-75).

Development of Communications in the USSR, by A. A. Vishnevskiy, 59 pp.
RUSSIAN, bk, Razvitiye Svyazi v SSSR, 1960, pp 1-70.

JPRS 9183

USSR
Economic (Contd)

Development of Nonferrous Metallurgy
From 1959 to 1965, by A. Kh. Benuni,
(SF-1820).

RUSSIAN, bk, Razvitiye Tsvetnoy
Metallurgii v 1959-1965 gg, 1960, 85 pp.

*JPRS

An Increase in Railroad Haulings and
Ways of Utilizing Railroad Transportation,
by F. P. Mulyukin.

RUSSIAN, bk, Razvitiye Zheleznodorozhnogo
Transporta v Semiletti, Sbornik Statey,
1960, pp 8-21.

*ATIC MCL-1049/1

R Ts Z Handbook on Loading and Centering
on Aircraft of the GVF With Gas Turbine
Engines.

RUSSIAN, bk, Redaktsionno-Izdatelskiy
Otdel Aeroflota, 1958, 61 pp.

*ATIC MCL-1107/1

Specialization in Farm Machinery Produc-
tion in Rostovskiy Sovnarkhoz, by P. I.
Abroskin, (DC-6032).

RUSSIAN, bk, Spetsializatsiya i
Kooperirovaniye Promyshlennosti v
Ekonomicheskoy Rayone, 6 Aug 1959,
pp 28-35.

*JPRS

Economist's Handbook, by G. Z.
Kuparadze, 471 pp.

RUSSIAN, bk, Spravochnik Ekonomista
Promyshlennost' i Sel'skoye Khozyaystvo,
1960, pp 1-280, 575-587.

JPRS 8354

Index of State Standards for 1958 as of
January 1, 1958, 111 pp.

RUSSIAN, bk, Ukazatel' Gosudarstvennykh
Standartov 1958 g (po Sostoyaniyu na
1/I 1958 g), Standartgiz, Moscow, 1958,
pp 177-199, 203-227, 247-252, 271-299,
397-398. 9662353

ATIC MCL-653/III

USSR
Economic (Contd)

Selected Articles From the Russian Book
Voprosy Ekonomiki Sel'skogo Khozyaistva,
1956.

OTS 60-51175
PL-480

Program of the Campaign for Further
Progress in Agriculture and Livestock
Raising, 15 pp.

The Tasks of State Farms in 1956,
by I. Benediktov, 8 pp.

The Economic Advantages of Corn,
by K. Obolenskiy, 20 pp.

The Introduction of Progressive Methods
of Harvesting -- An Important Means for
Increasing the Grain Harvest, by A.
Khan'kovskiy, 23 pp.

Economic Questions in the Development
of Animal Breeding, by V. Nemchinov,
26 pp.

Problems in Location and Development of
Forage Reserves on Collective Farms,
by G. Badir'yan, 17 pp.

The Rise of Labor Productivity in the
Socialist Agriculture of the USSR, by
A. Bolgov, 22 pp.

The Workday and Its Role in the Organi-
zation of Collective Farm Production,
by N. Nazartsev, 20 pp.

Utilization of the Labor of Machine-
Operators, by V. Peremykin, 12 pp.

Questions on the Introduction of Cost
Accounting in the MTS [Machine-and-Tras-
tor Station], by I. Kuznetsov, 15 pp.

Payment in Kind for MTS Work and Its
Importance in Strengthening Economic
Ties Between Town and Country, by
M. Moiseyev, 20 pp.

USSR
Economic (Contd)

Selected Articles From the Russian Book
Voprosy Ekonomiki Sel'skogo Khozyaistva,
1956. (Contd)

OTS 60-51175
PL-480

Planning and the Balanced Development
of Various Branches of Agriculture,
by A. Tulupnikov, 8 pp.

Questions of Specialization of Pro-
duction and Long-Term Geographical
Distribution of Agriculture, by
V. Nemchinov, 20 pp.

The New Method of Agricultural Planning
and Questions on the Zonal Distribution
of Livestock Raising, by L. Zal'tsman,
16 pp.

Planning the Development of Commonly-
Owned Livestock on Collective Farms,
by L. Ignatov, 16 pp.

Determination of Animal-Produce Output,
by A. Bryanskiy, 16 pp.

The Calculation of Agricultural Crops
Actually Harvested, by N. Zhivilin, 9 pp.

Lowering Production Costs and Securing
Profitability in State Farms, by
I. Novikov, 13 pp.

The Economic Effectiveness of the
Agronomical Measures of T. S. Mal'tsev,
by N. Bugayev, 14 pp.

Payment for Work of Collective Farm
Workers, by S. Skornyakov, 7 pp.

Learning Management, by A. Arep'yev,
A. Zapivakhin, 14 pp.

Corn Is Our Wealth, by V. Solov'yev, 6 pp.
RUSSIAN, per, Agitator, No 5, Mar 1961,
pp 22-25.

JPRS 8318

USSR
Economic (Contd)

Prospects for the Development of Road
Machine Building, by S. V. Yevstafeyev,
6 pp.

RUSSIAN, per, Avtomobil Dorogi, No 10,
1960, pp 16, 17.

JPRS 9243

New RAF Bus Models, 4 pp.

RUSSIAN, per, Avtomobil Transport,
No 11, 1960, pp 41, 42.

JPRS 9243

Fully Prepared, We /Motor Transport/
Are Meeting the Third Year of the Seven-
Year Plan, by F. Kalabukhov, 8 pp.

RUSSIAN, per, Avtomobil Transport, No 1,
1961, pp 1-4.

JPRS 9128

Long Range Equalization of the Level of
Living of Rural and Urban Populations,
by N. Lagutin, (DC-4700/10)

RUSSIAN, per, Byull Nauch Inform Trud i
Zarabotnaya Plata, No 1, 1961, pp 42-47.

*JPRS

Selected Articles From the Russian
Newspaper Ekonomika.

18 Aug 1960.

JPRS 9187

The Wealth of Belgorod Minerals, 5 pp.

20 Aug 1960.

JPRS 4686

Ninth Bearing Plant, 3 pp.

28 Oct 1960.

JPRS 4662

Automation, 8 pp.

8 Dec 1960, p 2.

JPRS 8328

Problems in Tractor Building,
by A. Izotov, 5 pp.

13 Jan 1961.

JPRS 9077

The Kurbass Will Become a Chemical
Center, by B. Andreyev, 4 pp.

25 Jan 1961.

JPRS 4635

Chemical Equipment II.

USSR
Economic (Contd)

New Purchase Prices and Development of
Kolkhoz Production, by D. Korovyakovskiy,
12 pp.

RUSSIAN, per, Ekon Nauki, No 3, 1960,
pp 41-51.

JPRS 8388

Tea Production in Georgia, by
G. Ivanidis, 7 pp.

RUSSIAN, per, Ekon Sel'skogo Khoz,
No 1, 1961, pp 25-30.

JPRS 8390

The Size of Sovkhozes and Their
Divisions in the Virgin Land Regions
of Kazakhstan, by N. Sokolov, 16 pp.
RUSSIAN, per, Ekon Sel'skogo Khoz,
No 1, 1961, pp 53-64.

JPRS 8390

Increasing Labor Productivity in Beet
Growing in Latvia, by Ya. Strautyn'sh,
6 pp.

RUSSIAN, per, Ekon Sel'skogo Khoz, No 1,
1961, pp 79-83.

JPRS 8390

Full Mechanization is the Main Condition
for Increasing Labor Productivity, by
S. Frayer, 8 pp.

RUSSIAN, per, Ekon Sel'skogo Khoz, No 1,
1961, pp 84-89.

JPRS 8390

TG102 Trunk-Line Diesel Locomotive With
Hydraulic Transmission, by Yu. G.
Kirillov, 12 pp.

RUSSIAN, per, Elek i Teplov Tyaga, No 1,
1961, pp 8-11.

JPRS 9128

Thirty Days of US Railroads, by A. I.
Tishchenko, (DC-6027).

RUSSIAN, per, Elek i Teplov Tyaga, No 4,
1961, pp 43-48.

*JPRS

Introduction of New Means of Communication
and Equipment, by K. Ye. Mikhaylov, 4 pp.

RUSSIAN, per, Elek Stant, No 2, 1961,
pp 69-72.

JPRS 4652

USSR
Economic (Contd)

The Water-Power Resources of the People's Democratic Republic of Korea and Their Utilization, by V. V. Marynov, 10 pp.
RUSSIAN, per, Gid Stroitel, No 10, 1960, pp 56-58.

JPRS 6565

Construction Industry Enterprises in Electric Power Construction, by P. S. Neporozhniy, 7 pp.
RUSSIAN, per, Gid Stroitel, No 11, 1960, pp 1-5.

JPRS 8307

Technical Problems in Power Construction and the Complete Electrification of the USSR, by P. S. Neporozhniy, 8 pp.
RUSSIAN, per, Gid Stroitel, No 12, 1960, pp 16-22.

JPRS 8307

Hydroelectric Power Consumption, 4 pp.
RUSSIAN, per, Gid Stroitel, No 1, 1961, pp 1-3.

JPRS 8323

Selected Articles From the Russian Newspaper Gudok.

29 Dec 1960.

JPRS 9097

Soviet Transport - Electric Transport Stages of Electrification, 12 pp.

6 Jan 1961, pp 2, 3.

The Railroads in 1961, 24 pp.

27 Jan 1961.

Rail Activities in Tselinnyy Kray, 4 pp.

28 Jan 1961.

Makushino - Isil'-Kul' Line To Be Electrified in 1961, by A. Yelagin, 4 pp.

15 Feb 1961.

JPRS 9128

New Tasks of Transport Construction Workers, 5 pp.

USSR
Economic (Contd)

Selected Articles From the Russian
Newspaper Gudok. (Contd)

18 Feb 1961.	JPRS 9128
Spend Wisely and Guard Each Ruble of the Transportation Budget, 4 pp.	
Khar'kov Turbines, 3 pp. RUSSIAN, np, <u>Izvestiya</u> , 11 Feb 1961.	JPRS 4661
Study of Technical-Economical Factors in Stainless Steel Production, by V. A. Romenets, et al. RUSSIAN, per, <u>Iz Vysshikh Ucheb Zaved</u> , <u>Chern Metal</u> , Mar 1961, pp 197-206.	*HB 5168
Vegetable Production in the Union Republics, 5 pp. RUSSIAN, per, <u>Kartofel' i Ovoshchi</u> , No 1, 1961, pp 1-3.	JPRS 8431
Dzhezkazgan Copper, by K. Seglin, 5 pp. RUSSIAN, np, <u>Kazakhstanskaya Pravda</u> , 16 Mar 1960.	JPRS 9098
Scrap at the Prices of Gold, by A. Petrov, 4 pp. RUSSIAN, np, <u>Kazakhstanskaya Pravda</u> , 18 Aug 1960.	JPRS 9187
Kazakh Plants, 4 pp. RUSSIAN, np, <u>Kazakhstanskaya Pravda</u> , 15 Sep 1960.	JPRS 4662
Resolutions of the July Plenum of the Central Committee of the CPSU and the Tasks of Chem- ical Machine Building, 5 pp. RUSSIAN, per, <u>Khim Mash</u> , No 5, 1960, pp 1-3.	JPRS 9146
New Type of Mixed Nitrogen Fertilizer, by A. M. Guseynov, 4 pp. RUSSIAN, per, <u>Khlopkovodstvo</u> , No 2, 1961, pp 34-36.	JPRS 8318

USSR
Economic (Contd)

The Dastakert Miners Need Equipment,
by N. Ordinyan, 4 pp.
RUSSIAN, np, Kommunist, 19 Apr 1960.

JPRS 9113

Most Urgent Problems in the Improve-
ment of National Economic Planning,
by A. Yefimov, 15 pp.
RUSSIAN, per, Kommunist, Vol XXXVII,
No 4, Mar 1961, pp 16-26.

JPRS 8299

The Economic Bases for the Unity of
the Socialist Countries, by
I. Dudinskiy, 12 pp.
RUSSIAN, per, Kommunist, No 5,
Mar 1961, pp 103-112.

JPRS 8336

Reduce Industrial Transport Expenses,
by P. Gorbachev, 7 pp.
RUSSIAN, per, Kommunist Sovetskoy
Latvii, No 10, 1960, pp 7-11.

JPRS 9097

Master New Technology More Quickly,
by M. Kabo, 8 pp.
RUSSIAN, per, Kommunist Sovetskoy Latvii,
No 10, 1960, pp 12-15.

JPRS 9197

Chemical Developments in the Services
of the National Economy, by V. Nikitin,
3 pp.
RUSSIAN, np, Kommunist Tadzhikistana,
12 Jan 1961.

JPRS 9149

Fulfill the Seven-Year Plan in Four
Years, by I. Grushetskiy, 10 pp.
RUSSIAN, per, Kommunist Ukrainy, No 7,
1960, pp 42-49.

JPRS 8138

Mechanization and Automation of Large-
Series and Mass Production Foundries,
by N. A. Strukov, 4 pp.
RUSSIAN, per, Lit Proiz, No 11, 1960,
pp 2-5.

JPRS 9071

New Machine for Laying Concrete Pavement,
by V. L. Mikhaylova, 6 pp.
RUSSIAN, per, Mashinostroitel, No 10,
1960, pp 11, 12.

JPRS 9243

USSR
Economic (Contd)

The Moscow Electromedical Apparatus Plant
in the Struggle for Technical Progress,
by A. I. Gol'dashteyn, B. N. Kol'nikov, 8 pp.
RUSSIAN, per, Medit From SSR, Vol XV, No 3,
1961, pp 24-27.

JPRS 9408

New Machines for the Chemical Industry,
(NY-2900/64).
RUSSIAN, per, Mekh i Avtomat Proiz,
Mar 1961, pp 3, 4, 6, 8, 28, 30, 31, 32.

*JPRS

Raise the Level of Mechanization and
Industrialization in Construction, 6 pp.
RUSSIAN, per, Mekh Stroitel, No 12,
1960, pp 1, 2.

JPRS 9146

Conference on Problems of Investigation
of Heat and Water Regime, by N. Efimova.
RUSSIAN, per, Met i Gid, No 8, 1959,
pp 55-.

CSIRO Tr 4839

Use of Aviation in USSR Agriculture, by
V. Nazarov, 5 pp.
RUSSIAN, per, Mezhdunarodnyy Sel'skokh
Zhur, No 1, 1961, pp 130-133.

JPRS 8318

Successfully Conduct the Wintering of
Cattle, 4 pp.
RUSSIAN, per, Molochnoye i Myasnoye
Skotovodstvo, No 10, 1960, pp 1-3.

JPRS 8138

Let Us Increase Hay Meal Production,
by A. Fedorov, 3 pp.
RUSSIAN, per, Molochnoye i Myasnoye
Skotovodstvo, No 10, 1960, pp 29-31.

JPRS 8138

Maritime Transport in the Third Year
of the Seven-Year Plan, by S. Bayev,
7 pp.
RUSSIAN, per, Morskoy Flot, No 1, 1961,
pp 1-3.

JPRS 9128

Machines for the Complete Mechanization
of Earth Moving Operations, 5 pp.
RUSSIAN, per, Nauchno-Tekh Obzhch USSR,
No 12, 1960, pp 23-28.

JPRS 9301

USSR
Economic (Contd)

The Soviet Oil Industry in 1960 and
Tasks for 1961, by V. A. Kalamkarov, 8 pp.
RUSSIAN, per, Neft Khoz, No 1, 1961.

AF 1452232

Shorter Workday, Higher Labor Productivity,
by I. Sychev, 9 pp.
RUSSIAN, per, Partiynaya Zhizn', No 20,
1960, pp 24-29.

JPRS 4636

Ways of Saving Ferrous Metals in the
National Economy, by P. Tsar'kov, 10 pp.
RUSSIAN, per, Plan Khoz, No 7, 1960,
pp 58-66.

JPRS 4642

Application of Mathematical Models and
Electronic Computers in Planning and Eco-
nomic Calculations on the Wages, Income,
and the Consumption of Workers, by
A. Aganbegyan, N. Rimashevskaya, (SF-1909).
RUSSIAN, per, Plan Khoz, No 4, 1961,
pp 15-24.

*JPRS

Slag as an Important Source of Inexpensive
Fertilizer, by V. Dovgopol, 4 pp.
RUSSIAN, np, Pravda, 27 Feb 1961, p 2.

JPRS 8431

Slow Progress Made in Application of the
Mostovich Copper-Extraction Method, by
A. Kostyukovich, 3 pp.
RUSSIAN, np, Prom-Ekon Gazeta, 6 May 1960.

JPRS 9098

The Sound Use of Dzhezkazgan Resources,
by D. Kunayev, K. M. Maketov, 4 pp.
RUSSIAN, np, Prom-Ekon Gazeta,
16 Feb 1960.

JPRS 9098

Maintenance of Way Operations in the
Third Year of the Seven-Year Plan,
by V. S. Gavrilov, 8 pp.
RUSSIAN, per, Put i Putevoye Khozyaystvo,
No 1, 1961, pp 1-3.

JPRS 9128

A Man Bought a TV Set, 3 pp.
RUSSIAN, per, Radio, No 3, 1961,
pp 12, 13.

JPRS 4652

USSR
Economic (Contd)

Utilize Fully the Volga-Don Waterway,
by Yu. Nalivayskiy, 6 pp.
RUSSIAN, per, Rechnoy Transport, No 12,
1960, pp 5-7.

JPRS 9097

The Ton-Kilometer Is the Basic Indica-
tor of Repair-Operation Base Operations,
by G. Loverdo, 6 pp.
RUSSIAN, per, Rechnoy Transport, No 12,
1960, pp 7, 8.

JPRS 9097

New Transloading Equipment for River
Ports, by A. Brodskiy, 7 pp.
RUSSIAN, per, Rechnoy Transport, No 12,
1960, pp 8-10.

JPRS 9097

Shallow-Draft River Tanker, by A. Birin,
R. Danchenko, 8 pp.
RUSSIAN, per, Rechnoy Transport, No 1,
1961, pp 27-30.

JPRS 9128

Inefficiencies in the Fish Industry of
Kaliningradskiy Sovnarkhoz, by I. G.
Shapiro, (NY-6531).
RUSSIAN, per, Rybnoye Khoz, No 2,
1961, pp 73-77.

*JPRS

On the Road to Farm Specialization,
by Sh. S. Sagayev, 3 pp.
RUSSIAN, per, Sel'skoye Khoz Severnogo
Kavkaza, No 11, 1960, pp 7, 8.

JPRS 8388

Amu Darya Waters Enter the Tedzhen River
Through the Karakumskiy Canal, 3 pp.
RUSSIAN, per, Sel'skoye Khoz Turkmenistana,
No 6, Nov/Dec 1960, pp 10-12.

JPRS 8431

Important Factors in Increasing Labor
Productivity in Dairy Production, by
V. F. Kondakov, 5 pp.
RUSSIAN, per, Sel'skoye Khoz Turkmenistana,
No 6, Nov/Dec 1960, pp 51-54.

JPRS 8431

New Equipment and Increasing the Qualifica-
tions of Workers at the Stalingrad Tractor
Plant, by V. Zakharova, Kh. Rodriges, 7 pp.
RUSSIAN, per, Sotsial Trud, No 11, 1960,
pp 115-120.

JPRS 8328

USSR
Economic (Contd)

Agronomical Practices for Winter Wheat
in the Southeast of Kazakhstan.

RUSSIAN, per, Sovkhoz Proiz, No 8,
1957, pp 31-36. 9076507

USDA

Exceed the Market Demands of the
Population, 5 pp.

RUSSIAN, per, Sovkhoz Proiz, No 2,
1961, pp 2-4.

JPRS 8318

RSFSR Sovkhozes Must Operate Better,
by S. A. Deryabin, 7 pp.

RUSSIAN, per, Sovkhoz Proiz, No 2,
1961, pp 13-18.

JPRS 8318

Research Work at the "Azovstal"
Works, by M. T. Bul'skiy, M. P.
Sidelkovskiy.

RUSSIAN, per, Stal', No 8, 1956,
pp 746-748.

*BISI 2232

The Rise of Bol'shoy Dzhezkazgan,
by K. Seglin, 6 pp.

RUSSIAN, np, Stroitel'naya Gazeta,
13 Jan 1961.

JPRS 9098

First, There Was No Equipment Available
[for Prefabricated Structural Component
Plants], by V. Selyunin, 8 pp.

RUSSIAN, np, Stroitel'naya Gazeta,
18 Jan 1961, p 2.

JPRS 9129

Solve the Problem of Developing a
Single Series of Self-Propelled
Wheeled Construction and Road Machines,
by A. A. Vasil'yev, E. I. Nemirovskiy,
15 pp.

RUSSIAN, per, Stroitel i Dorozhnoye
Mashin, No 12, 1960, pp 3-11.

JPRS 9216

Complete Successfully the Plan [for
the Production of Building Materials]
in the Third Year of the Seven-Year
Plan, 4 pp.

RUSSIAN, per, Stroitel Materialy, No 1,
1961, pp 1-3.

JPRS 9129

USSR
Economic (Contd)

Icebreaker-Transport Ships for the Arctic, by N. T. Maklakov, 13 pp.
RUSSIAN, per, Sudostroyeniye, No 1, 1961, pp 4-9.

JPRS 9128

Fishing Trawler "Leskov", by Ye. V. Kamenskiy, F. P. Muragin, 13 pp.
RUSSIAN, per, Sudostroyeniye, No 2, 1961, pp 1-5.

JPRS 9128

Industrial Installations for Electron-Beam Welding, by V. A. Kostyuk, Yu. M. Kozlov, et al.
RUSSIAN, per, Svarochnoye Proiz, No 1, 1961, pp 41-43.

*ATIC MCL-1177/1

Green Conveyer, by V. N. Yegorov, 5 pp.
RUSSIAN, per, Svinovodstvo, No 2, 1961, pp 27-29.

JPRS 8296

Certain Technical Principles of Planning a Television Network, 3 pp.
RUSSIAN, per, Tekhnika Kino i Televideniya, No 3, 1961, pp 1-3.

JPRS 4652

Pressed Wood Replaced Metal, by M. Vasil'yev, 6 pp.
RUSSIAN, per, Tekh v Sel'skom Khoz, No 11, 1960, pp 57-59.

JPRS 8328

At the Abakan-Tayshet Construction Project, by A. N. Sessarevskiy, A. G. Kanevskiy, 7 pp.
RUSSIAN, per, Transport Stroitel, No 12, 1960, pp 5-7.

JPRS 9128

The Task of Transport Construction in the Third Year of the Seven-Year Plan, by I. D. Sosnov, 8 pp.
RUSSIAN, per, Transport Stroitel, No 1, 1961, pp 1-3.

JPRS 9128

Measures to Accelerate Cement Industry Development, (NY-2800/24).
RUSSIAN, per, Tsement, No 2, Mar/Apr 1961.

*JPRS

USSR
Economic (Contd)

Certain Problems of Electric Power Development in the Kuibyshev Economic Administrative Region, by P. N. Stepanov, Yu. N. Savenko, 5 pp.

RUSSIAN, per, Vest Moskov U, Geograf, No 5, 1960, pp 14-19.

JPRS 8307

A Comparison of Soviet and US Levels of Agricultural Output, by A. Pavlov, V. Sobakinskikh, 5 pp.

RUSSIAN, per, Vest Statistiki, No 1, 1961.

Interntl Arts & Sci Press
Problems of Economics
Vol III, No 12

How the State Retail Price Indexes are Computed, by M. Sadekov, V. Tolkushkin, 13 pp.

RUSSIAN, per, Vest Statistiki, No 2, 1961, pp 59-68.

JPRS 8442

Soviet Equipment on the Markets of Underdeveloped Countries, by V. Balashov, A. Shchegolev, 5 pp.

RUSSIAN, per, Vnesh Torg, No 12, 1960.

Interntl Arts & Sci Press
Problems of Economics
Vol III, No 12

The Volga-Baltic Waterway, by V. Teplov, 3 pp.

RUSSIAN, np, Vodnyy Transport, 20 Dec 1960.

JPRS 9097

Hydrofoil Vessels for the Waterways, by M. Medvedev, 4 pp.

RUSSIAN, np, Vodnyy Transport, 5 Jan 1961.

JPRS 9097

The Maritime Fleet in the Third Year of the Seven-Year Plan, 7 pp.

RUSSIAN, np, Vodnyy Transport, 25 Feb 1961.

JPRS 9128

RSFSR River Fleet in the Third Year of the Seven-Year Plan, 8 pp.

RUSSIAN, np, Vodnyy Transport, 2 Mar 1961.

JPRS 9128

USSR
Economic (Contd)

Selected Articles From the Russian
Periodical Voprosy Ekon.

No 3, 1957, pp 93-105.

Macmillan & Co Ltd.
Internatl Econ Papers,
No 10

Some Problems of Price Formation in
a Socialist Economy, by Y. Malishev,
15 pp.

No 8-12, 1960.

Internatl Arts & Sci Press
Problems of Economics
Vol III, No 12

No 8, 1960.

Some Problems of Complete Electrifi-
cation in the USSR, by M. Vilenaskiy,
12 pp.

No 9, 1960.

The Development of the Gas Industry
and the Use of Gas in the USSR, by
L. Smyshlyayeva, 8 pp.

No 11, 1960.

Socialism Will Win in Peaceful Eco-
nomic Competition With Capitalism,
by A. Alekseyev, V. Kuvarin, 8 pp.

Supply and Demand for Goods in a
Socialist Society, by K. Skovoroda,
8 pp.

No 12, 1960.

The Socialist Division of Labor in
the Fuel and Power Branches of In-
dustry, by A. Voynov, I. Semenov,
8 pp.

USSR
Economic (Contd)

Selected Articles From the Russian
Periodical Voprosy Ekon. (Contd)

No 2, 1961.

Important Factors in Agricultural
Production, by T. Koval', 14 pp,
(pp 14-24).

JPRS 8296

The Antiscientific Methods Used by
Bourgeois Economists in Comparing
US and USSR National Incomes, by
V. Kudrov, 10 pp, (pp 51-58).

JPRS 8161

Reserves for Ways to Raise Labor
Productivity in Socialist Agricul-
ture, 10 pp, (pp 154-158).

JPRS 4613

Workers' Free Time Under Conditions
of the Shortened Work Day, by V. Bolgov,
I. Chernov, 5 pp, (pp 158-160).

JPRS 4614

No 4, 1961, pp 141-146, (DC-4700/10).

*JPRS

Utilization of the Labor Force in
Agriculture, by L. Zlomanov, A.
Yakhnich.

First Experience With a New Method, by
G. Kh. Azaryan, 9 pp.
RUSSIAN, per, Zashchita Rasteniy ot
Vrediteley i Bolezni, Vol VI, No 1,
1961, pp 3-6.

JPRS 9397

Zonal Coordination Conferences.
RUSSIAN, per, Zashchita Rasteniy ot
Vrediteley i Bolezni, No 2, 1961, pp 51-56.

*USDA

The Section of Agricultural Entomology
at the 11th International Entomological
Congress, by V. V. Yakhontov, 11 pp.
RUSSIAN, per, Zashchita Rasteniy ot
Vrediteley i Bolezni, Vol VI, No 1,
1961, pp 59-62.

JPRS 9397

USSR
Economic (Contd)

System of Machines and the Development
of Technological Charts in Moldavian
Kolkhozes and Sovkhozes, by V. Mashtaler,
7 pp.
RUSSIAN, per, Zemledeliye i Zhivotnovodstvo
Moldavii, No 12, 1960, pp 24-27.

JPRS 8328

Perspectives of the National Diesel Build-
ing Industry, by M. N. Schnkin.
RUSSIAN, per, Zheleznodoro Transport,
No 4, 1960.

TIA 200347

Supplying Railroad Transport With Modern
Locomotives Is a Major State Task, by
A. I. Tishchenko, 14 pp.
RUSSIAN, per, Zheleznodoro Transport,
No 1, 1961, pp 8-14.

JPRS 9128

High Quality Wool for the State, by
A. E. Gostev, (DC-2700/88).
RUSSIAN, per, Zhivotnovodstvo, No 4,
1961, pp 31-34.

*JPRS

Mounting Flood of Petroleum Exports From
the Soviet Bloc, 5 pp.
FRENCH, np, Journal du Commerce et de
la Marine, 9 May 1961, Encl to Journal
No 101-61, US NA, Cairo, UAR, 11 May 1961.

Navy/ONI 5119544

The Ceramics Industry of Georgia, by
Vakhtang Shalvovich Dzhaoshvili, (DC-6501).
GEORGIAN, bk, Keramiki Mrevedoga Kha-
kartvedosi, 1958, 206 pp.

*JPRS

Soviet Dumping and Ruble Devaluation:
The New Export Strategy of the USSR,
by Paul Zieber, 4 pp.
GERMAN, np, Die Zeit, 10 Feb 1961, p 17.

JPRS 4643

USSR
Political

Dialectical Logic as a Science, by
M. N. Alekseyev, 42 pp.

RUSSIAN, brochure, Dialekticheskaya
Logika kak Nauka, Series II, No 1,
1961, 48 pp.

JPRS 8251

Communism and the Overall Development
of the Personality, by E. V. Strukov,
50 pp.

RUSSIAN, bk, Kommunizm i Vsestoroneye
Razvitiye Lichnosti, Series 11, No 15,
1960, pp 3-47.

JPRS 9395

On the Creation of the Subordinate
Rayon Party Committees, (DC-6069).

RUSSIAN, monograph, O Sozdanii Podray-
komov Partii, 3 pp.

*JPRS

On the Decree of the Supreme Soviet of
the USSR (DC-6069).

RUSSIAN, monograph, Ob Ukaze Prezidiuma
Verkhovnogo Soveta SSSR, 3 pp.

*JPRS

The Next Campaign of the Soviet Government
Against the Eyewash and Fraud in the Ful-
fillment of State Plans and Projects,
(DC-6069).

RUSSIAN, monograph, Ocherednaya Kampaniya
Sovetskogo Pravitel'stva Protiv Oshkovtiratel'-
stva i Obmana v Vypolnenii Gosudarstvennykh
Planov i Zapaniy, 16 pp.

*JPRS

Plenary Session of the Central Committee of
the Communist Party of the Soviet Union,
13-16 July 1960, 299 pp.

RUSSIAN, bk, Plenum Tsentral'nogo Komiteta
Kommunisticheskoy Partii Sovetskogo Soyuz,
1960, pp 1-339.

JPRS 8326

The Rout of the Administration and Central
Organs of the Communist Party of the Tadzhik
SSR, (DC-6069).

RUSSIAN, monograph, Razgrom Pravitel'stva i
Tsentral'nykh Organov Kommunisticheskoy
Partii Tadzhikskoy SSR, 7 pp.

*JPRS

USSR
Political (Contd)

Training of the Will and Character, by
V. A. Krutetskiy, 42 pp.
RUSSIAN, pamphlet, Vospitaniye Voli i
Kharaktera, Series 10, No 4, 1960.

JPRS 4618

Selected Articles From the Russian
Periodical Kommunist.

No 4, Mar 1961.

JPRS 8309

The Policy That Ensured the Victory
of Socialism, by V. Platkovskiy,
14 pp, (pp 37-48).

War and Revolution, by A. Butenko,
14 pp, (pp 49-60).

Myths of the Anti-Communist Ideolo-
gies, by Yu. Frantsev, 14 pp, (pp 68-79).

No 8, May 1961, (DC-4400/17).

*JPRS

Communism and Art, (pp 3-10).

In the Constellation of the Fraternal
Republics, by D. Kunayev, (pp 26-32).

On the State of the National Democracy,
by B. Ponomarev, (pp 33-38).

The Breakdown of the Colonial System, by
G. Skorov, 20 pp.
RUSSIAN, per, Mirovaya Ekon i Mezhdunarod-
niye Otnosheniya, No 3, 1961, pp 3-18.

JPRS 8407

Attack on Anti-Soviet Slanderers, 5 pp.
RUSSIAN, np, Pravda, 31 May 1961, p 6.

JPRS 8457

The District Executive Committee and Its
Department, by L. Grigoryan, 8 pp.
RUSSIAN, per, Sovety Deputatov Trudy-
ashikhaya, No 5, 1960, pp 87-90.

JPRS 8177

USSR
Political (Contd)

The Problem of State Capitalism in Underdeveloped Countries, by S. I. Tyulpanov, 21 pp. RUSSIAN, per, Vest Leningrad Univ: Ser Ekon, Filosofii i Prava, Vol XVI, No 1 (5), Mar 1961, pp 5-22.

JPRS 8370

The Ideological Conflict Between Moscow and Peking, by Boris Meissner, 13 pp. GERMAN, per, Aus Politik und Zeitgeschichte, Supplement to Das Parlament, B 11/61, 15 Mar 1961.

JPRS 8375

Austrian Communist Party Analyzes Moscow Declaration, 7 pp. GERMAN, per, Weg und Ziel, No 1, 1961, pp 1-8.

JPRS 8276

Marxism and War, by Franz Marek, 8 pp. GERMAN, per, Weg und Ziel, No 2, 1961, pp 107-116.

JPRS 8276

Togliatti's Comments on the Moscow Conference, by Palmiro Togliatti, 9 pp. ITALIAN, per, Rinascita, Vol XVIII, No 1, 1961, pp 17-22.

JPRS 8276

USSR
Military

Selected Articles From the Russian
Encyclopedia Bol'shaya Meditsinskaya
Entsiklopediya, Vol XVII, 1960.

JPRS 9176

General Rules and Regulations and
the Main Phases of the Development
of Military Medicine, by S. Semeka,
15 pp.

Development of Russian Military Medicine
Before the Great October Socialist Revolution,
by S. Semeka, 53 pp.

Military Medicine in the USSR, by
L. Zimont, 55 pp.

Naval Medicine, by L. Gorelov, 27 pp.

Forward Area Medical Record Card, by
M. Gurvich, 12 pp.

Medical Aid, by S. Fredlin, M. Voytenko,
P. Likhushin, et al, 17 pp.

Medical Service of the Army, by
V. Tarasov, 7 pp.

Medical Service of Foreign Armies, by
V. Tarasov, 10 pp.

Medical Care of the Armed Forces, by
N. Zavalishin, 4 pp.

Medical Reconnaissance, by M. Voytenko,
3 pp.

Definition and Content of the Concept
"Military Medicine", by L. Zimont,
S. Semeka, L. Gorelov, 6 pp.

The New Regulation on Food Supply in the
Soviet Army and Navy, (DC-6069).

RUSSIAN, monograph, Novoye Polozheniye o
Prodovol'stvennom Snabzhenii v Sovetskoy
Armii i Voenno-Morskoy Flote, 4 pp.

*JPRS

USSR
Military (Contd)

The Rocket Forces of the Soviet Army,
(DC-6069).

RUSSIAN, monograph, Raketnye Voyska
Sovetskoy Armii, 20 pp.

*JPRS

Defense Against Agents of Mass Destruction,
by M. Ye. Levin, G. A. Malinin,
M. N. Mandrazhitskiy, V. P. Sinitsyn,
et al, 153 pp.

RUSSIAN, bk, Zashchita ot Sredstv Mas-
sovogo Forazheniya, 1960, pp 5-14, 51-129,
130-136, 145-176.

RS 7994

Designation of the Enemy, by K. Krivono-
senko, (NY-6556).

RUSSIAN, per, Voyennyy Vest, No 5, 1961,
pp 64-68.

*JPRS

USSR

Geographic

The Aral Sea: Navigational, Geographic and Hydrometeorological Essays, by P. P. Tum, 41 pp.

RUSSIAN, pamphlet, Aral'skoye More: Navigatsionno-Geograficheskiy i Gidrometeorologicheskiy Ocherk, 1960, pp 1-43.

JPRS 9448

Utilization of Geobotanical Indicators in Aero-geologic Mapping in Western Kazakhstan, by Ye. A. Vostokova, G. I. Zhdanova, 5 pp.

RUSSIAN, bk, Geobotanicheskiye Metody pri Geologicheskikh Issledovaniyakh, 1955, pp 11-18.

Interntl Geology Review
Amer Geological Institute
Vol III, No 5

Railroad Freight Traffic of the USSR, by I. V. Nikol'skiy, 54 pp.
RUSSIAN, bk, Geografiya Transporta SSSR, 1960.

Amer Geographical Soc
Soviet Geography
Vol II, No 6

Moisture and Heat Factors and the Geography and Ecology of the Plant Cover, by Ye. M. Lavrenko, 5 pp.
RUSSIAN, per.

(see above)

New Ideas About the Orographic Structure of the Transbaykal Region, by N. F. Leont'yev, L. I. Mukhina, V. S. Preobrazhenskiy.
RUSSIAN, per, Iz Ak Nauk SSSR, No 4, 1960, pp 82-88. Call No G23, A34.

AMS

The Charin River Is the Nurek of Kazakhstan, by D. Petrishev, 4 pp.
RUSSIAN, np, Kazakhstanskaya Pravda, 3 Feb 1961.

JPRS 8323

Mineralogy of Weathered Basalt Crust in West Volynya, by V. P. Shashkina, 15 pp.
RUSSIAN, per, Mineralog Sbornik Lvov Geologich Obshch, No 13, 1959, pp 190-211.

Interntl Geology Review
Amer Geological Institute
Vol III, No 5

USSR
Geographic (Contd)

Geographic Explorations in the Deserts
of Central Asia, by M. P. Petrov, 31 pp.
RUSSIAN, per, Vest Leningrad U, Ser
Geolog i Geograf, No 24, Dec 1960,
pp 118-130.

JPRS 9221

The Fuel Balance of Kuybyshev Oblast,
by Yu. N. Savenko, 6 pp.
RUSSIAN, per, Vest Moskov U, Ser
Geograf, No 6, 1960, pp 49-54.

Amer Geographical Soc
Soviet Geography
Vol II, No 6

The Economic-Geographic Situation of
Orenburg, by V. S. Varlamov, 7 pp.
RUSSIAN, per, Vest Moskov U, Ser
Geograf, No 6, 1960, pp 55-60.

(see above)

The Geography of Industry in the United
States, by V. M. Gokhman, 18 pp.
RUSSIAN, per, Voprosy Geograf, No 44,
1958, pp 114-134.

(see above)

USSR
Sociological

Selected Articles From the
Russian Encyclopedia, Bol'shaya
Meditinskaya Entsiklopedia, Vol XVII,
1960.

- Articles on Higher Medical Education,
by V. Trofimov, 35 pp. JPRS 9176
- Civilian Medical Care, by
N. Zavalishin, 3 pp. JPRS 9176
- Medical Institutes, by
V. Yermakov, 14 pp, (pp 731-743). JPRS 9192
- Medical Cadres, by A. Zhuk, V. Murat,
(pp 743-752). JPRS 9193
- Esthetic Training in the Elementary School,
by V. N. Shatskaya, (DC-6047).
RUSSIAN, bk, Esteticheskoye Vospitaniye v
Nachal'noy Shkole, 1959, pp 1-120. *JPRS
- Culture in the Life of Youth, by
S. A. Levashova, M. S. Kharchenko, 29 pp.
RUSSIAN, brochure, Kultura v Bytu Molodezhi,
Series 10, No 6, 1960, pp 1-38. JPRS 4683
- In the Communist Manner, by D. S. Avrayamov,
40 pp.
RUSSIAN, bk, Po-Kommunisticheski, 1960,
pp 1-40. JPRS 4664
- Catholicism Serves Reaction, by
S. Laurinaytis, 7 pp.
RUSSIAN, per, Agitator, No 5, Mar 1961,
pp 30-33. JPRS 8366
- How Do You Conduct Atheistic Training,
by V. Chebulankina, E. Trubitsina, 6 pp.
RUSSIAN, per, Agitator, No 5, Mar 1961,
pp 45-47. JPRS 8366
- Basic Trends in Working Out Problems of
Administrative Work and Coordination of
Scientific Research, by G. Slezinger, 6 pp.
RUSSIAN, per, Byul Nauch Informat, Trud i
Zarab Plata, No 3, 1961, pp 7-11. JPRS 8335

USSR

Sociological (Contd)

Play as a Form of Organizing the Life
and Activity of Children, by A. P. Usova,
3 pp.

RUSSIAN, per, Doshkol'noy Vospitaniye,
No 10, 1960.

Interntl Arts & Sci Press
Soviet Education
Vol III, No 6

Certain Hygienic Problems of the Showing
of Television Programs to Children, by
Ye. K. Glushkova, 12 pp.

RUSSIAN, per, Gig i San, Vol XXV, No 10,
1960, pp 22-27.

JPRS 9171

An Experimental Study of the Effect of
an Interrupted School Week on Fatigue in
Students of the Fourth Class, by
N. B. Bushanskaya, 10 pp.

RUSSIAN, per, Gig i San, Vol XXV, No 10,
1960, pp 27-31.

JPRS 9171

The Hygienic and Educational Significance
of a Prolonged School Day, by

L. I. Aleksandrova, 6 pp.

RUSSIAN, per, Gig i San, Vol XXVI, No 1,
1961, pp 50-54.

JPRS 9380

Historians Study Modern Religious Trends,
by I. A. Malakhova, 4 pp.

RUSSIAN, per, Istoriya SSSR, No 2, Mar/
Apr 1961, pp 233-235.

JPRS 8451

Selected Articles From the Russian
Periodical Kommunist.

No 14, Sep 1960, pp 125-128.

JPRS 6422

From the Experience of Scientific-
Atheistic Propaganda, by
S. Ganchenko, 7 pp.

No 2, 1961, (SF-1898).

*JPRS

Economic Work and Scientific-
Technological Progress, by
I. Kasitskiy, (pp 39-51).

Problems of Communist Education, by
V. Sukhodayev, (pp 105-109).

USSR
Sociological (Contd)

Selected Articles From the Russian
Periodical Kommunist, (Contd).

No 8, 1961, (DC-4400/17).

*JPRS

An Important Side of Life [Anti-Religion], by I. Kryvelev, (pp 65-72).

Materialism and Humanism, by V. Kelle, (pp 98-110).

Atheistic Knowledge for Every Komsomolets, by B. Yakovlev, 6 pp.
RUSSIAN, per, Molodoy Kommunist, No 2, 1961, pp 70-73.

JPRS 8294

Work and the Individual Traits of School Children, by I. Krasnobayev, 3 pp.
RUSSIAN, per, Narodnoy Obrazovaniye, No 11, 1960.

Interntl Arts & Sci Press
Soviet Education
Vol III, No 6

Selected Articles From the Russian
Periodical Nauka i Religiya.

No 2, 1961.

JPRS 4611

The Downfall of the Jehovah's Witnesses in the Miners' Land, by S. Stepanov, 5 pp, (pp 32-34).

Relics of the Nearly Extinct Shamans, by M. Filippov, 6 pp, (pp 39-42).

The New Triumphs, by K. Umarov, 5 pp, (pp 43-47).

Approach Every Believer, by A. Avksent'yev, 4 pp, (pp 79-80).

Guidebook for the Atheist, by V. Titov, 3 pp, (pp 95-96).

No 4, 1961, (SF-1874).

*JPRS

Slavery and Catholicism, by I. Romanov, (pp 40-43).

Concerning Religious Sectarianism, by A. Klibanov, (pp 75-78).

Readers Tell, (pp 82-86).

USSR
Sociological (Contd)

Production Training in Secondary Schools,
by M. Zhidelev, A. Shibanov, 6 pp.
RUSSIAN, per, Shkola i Proizvodstvo, No 8,
1960.

Interntl Arts & Sci Press
Soviet Education
Vol III, No 6

Combining Productive Work and Schooling
as an Educational Problem, by
P. I. Stavskiy, 4 pp.
RUSSIAN, per, Shkola i Proizvodstvo,
No 9, 1960.

(see above)

The Formation of New Customs and Ceremonies
in the Life of Latvian Kolkhoz Workers,
by L. N. Terent'yeva, (SF-1892).
RUSSIAN, per, Sovet Etnografiya, No 2,
Mar/Apr 1961, pp 24-39.

*JPRS

Work of the Institute of Ethnography,
Academy of Sciences USSR in 1960, by
V. A. Aleksandrov, (SF-1892).
RUSSIAN, per, Sovet Etnografiya, No 2,
Mar/Apr 1961, pp 110-115.

*JPRS

Without a Cloak of Piety, by A. Tarchokov,
4 pp.
RUSSIAN, np, Sovet Kirgiziya, 7 Mar 1961,
p 3.

JPRS 4620

New Traditions Come Into Existence, 7 pp.
RUSSIAN, np, Sovet Latviya, 24 Feb 1961,
p 3.

JPRS 4620

Selected Articles From the Russian
Periodical Sovet Pedagogika.

Internatl Arts & Sci Press
Soviet Education
Vol III, No 6

No 6, 1960.

Homework Assignments for Primary Grade
Pupils of Boarding Schools, by
F. B. Pis'menskiy, 7 pp.

No 9, 1960.

A Course Required by Life, by
A. M. Lushnikov, 5 pp.

A General Meeting of the Academy of
Pedagogical Sciences of the Russian
Federation, 4 pp.

USSR

Sociological (Contd)

Selected Articles From the Russian
Periodical Sovet Pedagogika. (Contd)

Internatl Arts & Sci Press
Soviet Education
Vol III, No 6

No 10, 1960.

Training for Practical Activity in
the Children's Homes, by
V. I. Nefedov, 5 pp.

Code of Criminal Procedure of the RSFSR,
252 pp.

RUSSIAN, per, Sovet Yustitsiya, No 15/16,
Nov 1960, pp 16-62; No 17, Dec 1960,
pp 5-32.

JPRS 9343 (No 15/16)

JPRS 9344 (No 17)

Assembly of Orientologists of the World,
by B. G. Gafurov, 4 pp.
RUSSIAN, per, Sovremennyy Vostok, No 7,
1960, pp 2-3.

JPRS 4602

Problems of Scientific Research in the
Field of Physical Culture for Older Persons,
by N. G. Ozolin, 9 pp.
RUSSIAN, per, Teoriya i Praktika Fiz Kul'-
tury, Vol XXIV, No 1, 1961, pp 7-13.

JPRS 9185

Selected Articles From the Russian
Periodical Vest Vysshey Shkoly.

Internatl Arts & Sci Press
Soviet Education
Vol III, No 6

No 10, 1960.

More Doctors of Science for the Higher
Schools, by E. D. Kazakov, 3 pp.

Educating Ardent Fighters for Communism,
by V. P. Elyutin, 4 pp.

No 11, 1960.

Training Students as Militant Atheists,
by S. S. Deyev, 3 pp.

Higher Education in the RSFSR on the Up-
swing, by V. N. Stoletov, 7 pp.

Specific Action in Studying and Overcoming
Religious Survivals, by Ye. F. Murav'yev,
Yu. V. Dmitriyev, 16 pp.
RUSSIAN, per, Voprosy Filosofii, No 3,
1961, pp 63-73.

JPRS 4667

USSR
Biographic

Biographies of Selected Soviet Medical Personnel, 20 pp.

RUSSIAN, encyclopedia, Bol'shaya Meditsinskaya Entsiklopedia, Vol XIII, 1959.

JPRS 9437

Notes by Soviet Scientists on Acoustical Science in the USA, by L. M. Brekhovskikh, 9 pp.

RUSSIAN, per, Akust Zhur, Vol VII, No 1, 1961, pp 109-114.

JPRS 8168

1961 Lenin Prize Winners, 5 pp.

RUSSIAN, np, Izvestiya, 22 Apr 1961, pp 1-2.

JPRS 8424

Lenin Prizes: The Highest Prizes to the Best Works, by V. Yelyutin, 4 pp.
RUSSIAN, np, Izvestiya, 22 Apr 1961, p 3.

JPRS 4665

Oleg Alekseyevich Drozdov, by A. F.

Zakharova, 5 pp.

RUSSIAN, per, Iz Vses Geograf Obshch, No 3, 1960, pp 277-278.

JPRS 4663

Viktor Ivanovich Ivanov, 3 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved -- Energetika, No 5, 1960, pp 170, 171.

JPRS 4663

A Half-Century Devoted to His Native Land: Biography of V. Ya. Yur'yev, by Mark Popovskiy, 9 pp.

RUSSIAN, per, Nauka i Zhizn', No 8, 1960, pp 39-44.

JPRS 8203

75th Birthday of Nikolay Nikolayevich Anichkov, by K. Volkova, 5 pp.

RUSSIAN, per, Patol Fiziol i Eksper Terapiya, Vol V, No 1, 1961, pp 92, 93.

JPRS 9318

Nikolay Vasil'yevich Orlovskiy, 3 pp.

RUSSIAN, per, Pochvovedeniye, No 1, 1960, pp 111, 112.

JPRS 4663

A. N. Shcherban', by A. Leonidov, 6 pp.

RUSSIAN, per, So Znaniye -- Sila, No 10, 1960, pp 9-11.

JPRS 8432

USSR

Biographic (Contd)

The Servant of Three Gentlemen (Article Concerning Cardinal Spellman), by I. Katolin, 4 pp.

RUSSIAN, np, Trud, No 29, 29 Mar 1961, p 3.

JPRS 4666

Sergey Nikolayevich Vernov, 5 pp.

RUSSIAN, per, Uspekh Fiz Nauk, Vol LXXII, No 1, 1960, pp 153-155.

JPRS 8432

Anatoliy Alekseyeviya Dorodnitsyna (50th Birthday), (NY-6549).

RUSSIAN, per, Uspekh Matemat Nauk, Vol XVI, No 2 (98), 1961, pp 189-196.

*JPRS

B. P. Nikol'skiy: On His 60th Birthday, 11 pp.

RUSSIAN, per, Vest Leningrad U, Ser Fiz i Khim, Vol XV, No 22, 1960, pp 5-10.

JPRS 8203

Andrey Nikitich Sysoyev (1901-1959), by I. S. Galinker, S. S. Urazovskiy,

P. P. Budnikov, et al, 10 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXIV, No 9, 1960, pp 2130-2133.

JPRS 7474

Nikolay Nikolayevich Bogolyubov, by Yu. A. Mitropol'skiy, S. V. Tyablikov, 26 pp.

UKRAINIAN, per, Ukrain Matemat Zhur, No 3, 1959, pp 295-311.

JPRS 8432

EASTERN EUROPE

Economic

Complete Energy Balance Sheet of Bulgaria for Years 1953, 1954, and 1955, by Dimitur A. Georgiev, Boris St. Kostov, (SF-1857). BULGARIAN, monograph, Tsyalosten Energien Balans na NR Bulgariya za Godinite 1953, 1954 i 1955, 1960, pp 1-236.

*JPRS

Socialist Accumulation and Consumption in Bulgaria, by Iliya Khadzhiliev, (DC-6021). BULGARIAN, bk, Vuprosi na Sotsialisticheskoto Natrupvane i Potreblenie v Bulgariya, 1958, pp 8, 14-22, 23-29, 30-32, 34-37, 38-58, 64-68, 78-83, 85-89, 148-156, 161-175, 180-189, 191-201, 209-212.

*JPRS

Work of the Sofia City Branch of the Bulgarian National Bank With the Trade Enterprises, by Tsvetana Boneva, (DC-6035). BULGARIAN, per, Finansi i Kredit, Vol LXI, No 3, Apr 1961, pp 37-43.

*JPRS

Regulation Governing the Disposal of Animal Corpses in the People's Republic of Bulgaria, 8 pp. BULGARIAN, per, Izvestiya na Prezidiuma na Narodnoto Subranie, Vol XII, No 11, 7 Feb 1961, pp 5, 6.

JPRS 8145

A Proposal for Extraction of the Tyulenovo Oil by a Mining Method -- With Shafts and Galleries Under the Sea, by Iv. Baychev, 23 pp. BULGARIAN, per, Minno Delo i Metalurgiya, Vol XV, No 9, 1960, pp 9-13.

JPRS 9177

Increased Bulgarian Production of Rolled Metals, by P. Davidkov, A. Marinov, 13 pp. BULGARIAN, per, Minno Delo i Metalurgiya, Vol XV, No 9, 1960, pp 19-21.

JPRS 9177

A Study of the Influence of Certain Technological Factors on the Productivity of the Open-Hearth Furnaces at the Lenin Metallurgical Plant, by K. Doychev, N. Lingurski, V. Yanev, et al, 9 pp. BULGARIAN, per, Minno Delo i Metalurgiya, Vol XV, No 9, 1960, pp 22, 23.

JPRS 9177

Eastern Europe
Economic (Contd)

The National Income and Its Distribution
in Bulgaria, by Chavdar Kyuranov, 10 pp.
BULGARIAN, per, Partien Zhivot, Vol IV,
No 17, Dec 1960, pp 55-59.

JPRS 9179

Reconstruction in the Administration of the
People's Economy and the Development of the
Management of Trade, by Dim. Dimitrov, 15 pp.
BULGARIAN, per, Pravna Misul, Vol IV, No 6,
Nov/Dec 1960, pp 63-77.

JPRS 8340

The Establishment of a New Rail Connection
Between Southern and Northern Bulgaria, by
Marin Georgiev, 16 pp.
BULGARIAN, per, Transportno Delo, Vol XII,
No 9, Oct 1960, Sofia, pp 5-12.

JPRS 9347

Mechanization of Loading and Unloading
Operations of the Railroads, by Boris Ivanov,
17 pp.
BULGARIAN, per, Transportno Delo, Vol XII,
No 9, Jan 1960, Sofia, pp 13-20.

JPRS 9347

The Problem of Missing and Prematurely Worn-
out Parts of Railroad Rolling Stock, by
Radi N. Kolev, 10 pp.
BULGARIAN, per, Transportno Delo, Vol XII,
No 9, Oct 1960, Sofia, pp 26-30.

JPRS 9347

Territorial Distribution of the Labor Force
in Industry, by Mikhail Enev, (DC-6018).
BULGARIAN, per, Trud i Tseni, Vol LX, No 9,
Nov 1960, pp 9-21.

*JPRS

The Role of Taxes and Prices Under Socialism,
by Dinko Toshev, (DC-6018).
BULGARIAN, per, Trud i Tseni, Vol LX, No 9,
Nov 1960, pp 36-47.

*JPRS

The Application of New Rate Schedules and
Norms in the Sofstroy Construction-Assembly
Organization, by Boris Stoyanov, (DC-6018).
BULGARIAN, per, Trud i Tseni, Vol LX, No 9,
Nov 1960, pp 56-62.

*JPRS

Eastern Europe
Economic (Contd)

Bulgaria's Production and Exports of
Agricultural Machinery, by Slavi Vasilev,
11 pp.

BULGARIAN, per, Vunshna Turgoviya, Vol IX,
No 2, 1961, pp 16-20.

JPRS 9400

Regional Development in the Five-Year Plan,
1961-1965, by M. P. 4 pp.

CROATIAN, per, Ekonomska Politika, Vol X,
No 460, 21 Jan 1961, pp 96, 97, 99.

JPRS 9266

Price Policy Under Changed Economic
Conditions, 5 pp.

CROATIAN, per, Ekonomska Politika, Vol X,
No 460, 21 Jan 1961, p 113.

JPRS 9266

Selected Articles From the Croatian Periodical
Finansije.

Vol XV, No 10, 1960.

JPRS 9266

Budgetary Expenditures Under the New
Budgetary System in Yugoslavia, by
S. T., 19 pp, (pp 537-548.)

The Balance Sheet in the Fulfillment of
the Federal Budget for 1959, by V., 19 pp,
(pp 580-590.)

Vol XV, No 11/12, 1960.

JPRS 9248

Calculation of the National Economy of
Yugoslavia in Constant Prices Over the
Period 1947-1959, by B. Kitaljevic, 31 pp,
(pp 609-629)

Problems in the Determination of Income in
the Private Sector of the Economy, by
Dusan Miljkovic, 13 pp, (pp 629-637.)

Vol XVI, No 1, 1961 (pp 66-72).

JPRS 9177

The Problem of Financing Economically
Underdeveloped Areas, by Z. Plucek, 19 pp,
(pp 66-72.)

Eastern Europe
Economic (Contd)

Opstinas and Srezes as Political-Territorial Organizations of Self-Administration, 31 pp.
CROATIAN, per, Jugoslovenski Pregled,
Vol IV, No 10, 1960, pp 399-405.

JPRS 9248

Standardization in Yugoslavia, by S. V.,
14 pp.
CROATIAN, per, Jugoslovenski Pregled,
Vol IV, No 10, 1960, pp 415-418.

JPRS 9248

The Economic Status and Operations of the
Yugoslav Postal, Telegraph, and Telephone
Service (PTT), 17 pp.
CROATIAN, per, Jugoslovenski Pregled,
Vol IV, No 10, 1960, pp 419-422.

JPRS 9248

New Characteristics of the Employment Service,
by Marijan Dular, 5 pp.
CROATIAN, per, Komuna, Vol VII, No 12,
1960, pp 8, 9.

JPRS 9266

Scientific Research in the Field of Con-
struction, by Vidan Matic, 44 pp.
CROATIAN, per, Nasa Gradjevinarstvo,
No 3, 1960, pp 454-461.

JPRS 9154

Selected Articles From the Croatian Periodical
Nova Administracija.

Vol VIII, No 12, 1960.

JPRS 8190

The Basic Principles of the Public Service
Salary System, by Vlado Nikolic, 11 pp,
(pp 1165-1172.)

The Introduction of Incentive Methods of
Remuneration, by Teodor Tomic, 15 pp,
(pp 1193-1203.)

The New Organization of the Railroads,
by V. Kolaric, 9 pp, (pp 1213-1217.)

The Reorganization of the Postal, Telegraph
and Telephone Service, by Bosko Martinovic,
Branko Boljaric, 13 pp, (pp 1218-1224.)

Eastern Europe
Economic (Contd)

Selected Articles From the Croatian Periodical
Nova Administracija. (Contd)

Vol IX, No 1, 1961.

JPRS 8395

The Jurisdiction of Communes to Levy Supplementary Taxes on the Income of Citizens, and the Payment of Taxes, by Marko Djurbabic, 6 pp, (pp 45-48.)

The Acquisition and Use of Resources of Business Associations, by Hrvoje Bacic, 6 pp, (pp 49-52.)

Selected Articles From the Croatian Periodical
Nova Trgovina.

Vol XIV, No 1, 1961, pp 20-22.

JPRS 9266

Increasing the Production of the Ready-Made Clothing Industry, by Branislav Gajic, 7 pp.

Vol XIV, No 2, 1961.

JPRS 8261

The Use of Foreign Transportation Services in Yugoslav Imports and Exports, by Slobodan Catic, 7 pp, (pp 87-89.)

The Administration of Import of Consumer Goods, by Franjo Vajnstangl, 8 pp, (pp 96, 97.)

Increased Commodity Trade Between Yugoslavia and Poland, 6 pp, (pp 111,112.)

Yugoslavia's New Trade Agreement With Bulgaria, 1961-1965, 6 pp, (pp 115-117.)

The Resources of Business Associations, by Zoran Ceric, 5 pp, (pp 128, 129.)

The Jurisdiction of State Administrative Organs and Organizations of Chambers Over Domestic Trade in Yugoslavia, 48 pp.

CROATIAN, per, Privredni Pregled, Vol X, 5 Oct 1960, pp 7, 8; 6 Oct 1960, p 9; 7 Oct 1960, pp 7, 8; 8 Oct 1960, p 7.

JPRS 9340

Eastern Europe
Economic (Contd)

Expansion of the Television Network in Yugoslavia, by J. Z., 9 pp.
CROATIAN, per, Radioamater, Vol XIV, No 12, 1960, pp 340-342, 345.

JPRS 9266

Decision on Organs Which Will Issue Permits for Import of Restricted Commodities, 7 pp.
CROATIAN, per, Sluzbeni List FNRJ, Vol XVII, No 6, 15 Feb 1961, pp 64-66.

JPRS 8261

Distribution of Net Proceeds and Payments of Personal Income in Business Establishments, by Sveto Pepovski, 14 pp.
CROATIAN, per, Socijalna Politika, No 1, 1961, pp 3-13.

JPRS 8261

Mechanization and Modernization of Work on the Maintenance and Repairs of Yugoslav Railroads, by Momcilo Ivanonic, 19 pp.
CROATIAN, per, Tehnika, Vol XV, No 12, 1960, pp 2323-2329.

JPRS 9266

New Regulations Governing the Economy of Yugoslavia, by N. Krmpotic, V. Angelus, 22 pp.
CROATIAN, mp, Vjesnik, Vol XXII, No 503, 23 Feb 1961, pp 4, 5.

JPRS 8190

The Effect of the New System of Income Distribution on Yugoslav Railroads, by Trajko Kotevski, (DC-6023).
CROATIAN, per, Zeleznice, Vol XVII, No 5-6, 1961, pp 12-18.

*JPRS

Special Fire Engines, by J. Stranik, 3 pp.
CZECH, per, Automobil, No 11, 1958.

ACSI H-9317
ID 2170461

Mobile Service Station, by A. Pesek, 7 pp.
CZECH, per, Automobil, No 6, 1959, pp 197-201.

ACSI H-9318
ID 2170462

Coordination in the Development of Highway Transportation in the Countries of the Socialist Camp, by Aldo Geist, 10 pp.
CZECH, per, Doprava, No 11, 1960, pp 373, 374.

JPRS 9248

Eastern Europe
Economic (Contd)

Czechoslovak Transportation Enters the
First Year of the Third Five-Year Plan,
by Vlastimil Keivanek, 14 pp.
CZECH, per, Doprava, No 1, 1961, pp 1-5.

ACSI H-9092
ID 2166445

Cooperation Among Soviet-Bloc Railroads
Through 1965, by Jaromir Rezabek, 17 pp.
CZECH, per, Doprava, No 1, 1961, pp 7-9.

JPRS 9248

The Development of Economical High Temperature
Creep-Resistant Austenitic Steels in Czechoslo-
vakia, by F. Poboril.
CZECH, per, Hutnicke Listy, Vol XIV, No 12,
Prague, 1959, pp 1121-1124.

BISI 1675

New Czechoslovak Forestry Law, by
F. Papnek, 7 pp.
CZECH, per, Les, Vol XVII, No 1, 1961,
pp 1-5.

JPRS 9305

The Accomplishments and Tasks of the State
Farms in the Hungarian People's Republic,
by Gabor Petchazi, 10 pp.
CZECH, per, Mezinarodni Zemedelsky Casomis,
No 5, 30 Nov 1960, pp 27-36.

JPRS 8190

The First Annual Plan of Socialist
Czechoslovakia, by Zdenek Skorepa,
M. Parkan, 6 pp.
CZECH, per, Narodni Vybory, No 52, 29 Dec 1960,
pp 427, 428.

JPRS 8340

Amalgamation of Cooperatives, by J. Riehs,
4 pp.
CZECH, per, Narodni Vybory, No 52, 29 Dec
1960, pp 429, 430.

JPRS 8340

Growth of the Manufacture of Tractors at
ZJB [J. Sverny Works] in Brno, by
Jaroslav Miksch.
CZECH, per, Nova Technika, Dec 1960, pp
533-538.

ACSI H-8601
ID 2162120

Regarding Indicators of Economic
Equalization Between Czech Krajs and
Slovakia, by V. Pavlenda, M. Sabolcik, 8 pp.
CZECH, per, Predvoj, Vol V, No 8, 23 Feb 1961,
pp 7, 8.

JPRS 7903

Eastern Europe
Economic (Contd)

The Organization and Operation of Eating Establishments at Enterprises, 19 pp.
CZECH, per, Sbirka Zakonu, No 74,
8 Dec 1960, pp 601-607.

JPRS 9384

For Further Growth of Economic Cooperation Between the Czechoslovak Socialist Republic and the USSR, 5 pp.
CZECH, per, Zahranicni Obchod, No 1, 1961,
pp 3, 4.

JPRS 9091

Growth of the National Economy of the Czechoslovak Socialist Republic and the Tasks of Czechoslovak Foreign Trade, by Frantisek Krajcir, 18 pp.
CZECH, per, Zahranicni Obchod, No 1, 1961,
pp 5-8.

JPRS 9091

Foreign Trade of Czechoslovakia in the Third Five-Year Plan, by Otto Ruzicka, 17 pp.
CZECH, per, Zahranicni Obchod, No 1, 1961,
pp 8-13.

JPRS 9091

Czechoslovak Trade Treaties and Agreements, by Taisia Cebisova, 21 pp.
CZECH, per, Zahranicni Obchod, No 1, 1961,
pp 33-36.

JPRS 9091

Agricultural Investment Construction in the Third Five-Year Plan, 14 pp.
CZECH, per, Zemedelec, Vol XV, No 9,
15 Mar 1961, pp 1-4.

JPRS 8340

Code for the Production and Use of Oxygen.
GERMAN, bk, Hauptverband der Gewerblichen Berufs Gerossenschaften.

ICI (Billingham)

The Application of X-Ray Fluorescent Spectro-Analysis in the Iron and Steel Industry, by H. J. Kopineck, P. Schmitt.
GERMAN, per, Archiv Eisenhüttenwesen, Vol XXXII,
Jan 1961, pp 19-29.

BISI 2133

A Model Contract for Partnership in Development Programs, by Markus Timmler, 8 pp.
GERMAN, per, Aussenpolitik, Vol XII, No 3,
1961, pp 202-209.

JPRS 8301

Eastern Europe
Economic (Contd)

Problems and Future Tasks of the Coal Industry, by K. Siebold, 9 pp.
GERMAN, per, Bergbautechnik, Vol XI, No 1, 1961, pp 1-4.

JPRS 9385

Tasks of Mineral and Metal Dressing Under the Seven-Year Plan, by H. Kirchberg, 7 pp.
GERMAN, per, Bergbautechnik, Vol XI, No 2, 1961, pp 106-108.

JPRS 8395

Standardization of East German Chemical Equipment, by Kurt Lawrenz, 4 pp.
GERMAN, per, Chemie Rundschau, Vol II, No 46, 18 Nov 1960, p 5.

JPRS 9384

Diesel Locomotives of 100-180 HP, by Siegfried Buttner, 9 pp.
GERMAN, per, Deutsche Eisenbahntechnik, Vol VIII, No 6, 1960, pp 255-258.

JPRS 8395

Work Connected With the Cash Circulation Plan, by G. Scherf, 9 pp.
GERMAN, per, Deutsche Finanzwirtschaft, Vol XIV, No 11, Jun 1960, pp G201-G204.

JPRS 9091

Rationalization Credits Contribute to Higher Production, by Riedel, 5 pp.
GERMAN, per, Deutsche Finanzwirtschaft, Vol XIV, No 11, Jun 1960, pp F208, F209.

JPRS 9091

Tasks of the Deutsche Notenbank, by Martin Schmidt, 24 pp.
GERMAN, per, Deutsche Finanzwirtschaft, Vol XV, No 1, 1961, pp 3-8.

JPRS 9346

Steps Involved in Getting New Airplane Designs Ready for Production, by Manfred Tietze, 10 pp.
GERMAN, per, Deutsche Flugtechnik, Vol IV, No 11, 1960, pp 321-324.

JPRS 9179

German Motor-Vehicle Driving Research and Road-Traffic Engineering, by Dr. Ing. O. Bode, Paul Ochner, 154 pp.
GERMAN, per, Deutsche Kraftfahrtforschung und Strassenverkehrstechnik, Vol CXX, 1958, Vol CXXVII, Vol CXXX, Vol CXXXI, 1959.

ACSI H-8027

Eastern Europe
Economic (Contd)

Tasks of the East German Textile Industry
in 1961, by Otto Lindenhayn, 5 pp.
GERMAN, per, Deutsche Textiltechnik, Vol XI,
No 1, 1961, pp 1, 2.

JPRS 9346

Tasks of the Electrical Equipment Industry
Through 1965, by Lysk, 4 pp.
GERMAN, per, Elektrie, Vol XIV, No 12,
1960, pp 413, 414.

JPRS 8340

Means of Attaining the "Q" Quality Grade
for Products of the Electrical Equipment
Industry, by K. Piesker, 9 pp.
GERMAN, per, Elektrie, Vol XIV, No 12,
1960, pp 439, 440.

JPRS 8340

Current Status and Prospects of the Forging
Industry, by Heinz Bialecki, Gustav Tittel,
10 pp.
GERMAN, per, Fertigungstechnik und Betrieb,
Vol X, No 6, 1960, pp 313-316.

JPRS 8190

Order on Cooperation Between Trade and
Production, 33 pp.
GERMAN, per, Gesetzblatt der Deutschen
Demokratischen Republik, Part II, No 39,
19 Nov 1960, pp 427-437.

JPRS 9179

East German Decree on Delivery Conditions
Pertaining to Radioactive Substances, 6 pp.
GERMAN, per, Gesetzblatt der Deutschen
Demokratischen Republik, Part III, No 10,
24 Dec 1960, pp 65-66.

JPRS 9256

Resolution of the Presidium of the Council
of Ministers of 5 January 1961 on the
Increased Responsibility of the Councils
of Kreis-Subordinated Cities in the Sphere
of Trade and Supplies, 15 pp.
GERMAN, per, Gesetzblatt der Deutschen
Demokratischen Republik, Part II, No 7,
30 Jan 1961, pp 23-28.

JPRS 9304

Excerpts From the Resolution of the
Presidium of the Council of Ministers
of 19 January 1961 on Improving the Supply
of Construction Materials for the Population, 4 pp.
GERMAN, per, Gesetzblatt der Deutschen Demokra-
tischen Republik, Part II, No 7, 30 Jan 1961,
pp 28, 29.

JPRS 9304

Eastern Europe
Economic (Contd)

Present Position of Research and Industrial
Development, by H. Grossmann.

GERMAN, per, Gliessereitechnik, Vol VI,
Oct 1960, pp 314.

*BISI 2262

State Analysis of Plan Fulfillment,

by Hans Mai, 6 pp.

GERMAN, per, Der Handel, Vol XI, No 1,
1961, pp 4-6.

JPRS 8395

Marginal Utility, by Paul Rosenstein-Rodan,
36 pp.

GERMAN, per, Handwörterbuch der Staatswis-
senschaften, Vol IV, 1927, pp 1190-1213.

Macmillan & Co Ltd.
Internatl Econ Papers,
No 10

The Maritime Transport System of the GDR, 25 pp.

GERMAN. per, Informationsbuero West, Informations-
und Archivdienst, No 1, pp 103-110, No 11, p 101,
18 Jan-7 Feb 1961.

JPRS 9385

New Work and Management Methods Needed for
the Supplying of Construction Materials,

by Werner Hahn, 9 pp.

GERMAN, per, Material Wirtschaft, Vol IX,
No 1, 1961, pp 7-10.

JPRS 7179

Postal and Telecommunications System of the

East Bloc, by Mirosław Petruszek, 16 pp.

GERMAN, per, SBZ-Archiv, Vol XII, No 2,
1961, pp 26-30.

JPRS 9346

The Struggle of the Shipbuilding Industry
for High Scientific and Technical Achievements,

by A. Dussus, 14 pp.

GERMAN, per, Schiffbautechnik, Vol X, No 6,
1960, pp 273, 274.

JPRS 9179

Research Institute for Inland Waterway Ship
Construction, 10 pp.

GERMAN, per, Schiff und Hafen, Vol X, No 6,
1958, pp 464-468. 9076881

ACSIL 1174

Intrabloc Inland Navigation, by Ernst Kostial,
3 pp.

GERMAN, per, Schiff und Strom, Vol I, No 2,
Feb 1961, pp 4-6.

JPRS 9305

Eastern Europe
Economic (Contd)

Price Stability, Economic Growth and Income Distribution, by Gottfried Bombach, 8 pp.
GERMAN, per, Schweizerische Zeitschrift fur Volkswirtschaft und Statistik, Vol XCV, No 1, 1959.

Macmillan & Co. Ltd.
Interntl Econ Papers
No 10

Tasks of the Technology Department of the Main Administration for Railroad Installations of the Deutsche Reichsbahn, by Heinz Hoppe, 5 pp.
GERMAN, per, Signal und Schiene, Vol V, No 1, 1961, pp 9, 10.

JPRS 8340

Tasks of the Technology Department of the Main Administration for the Security and Telecommunications System of the Deutsche Reichsbahn, by Heinz Haupt, 12 pp.
GERMAN, per, Signal und Schiene, Vol V, No 1, 1961, pp 11-15.

JPRS 8340

Tasks of the Office of Research and Development for the Safety and Telecommunications Systems of the Deutsche Reichsbahn, by Hans Clausanitzer, 9 pp.
GERMAN, per, Signal und Schiene, Vol V, No 2, 1961, pp 41-44.

JPRS 8261

The East German Construction Materials Industry in 1960/1961 and Related CEMA Activities, by Joachim Wolf, 5 pp.
GERMAN, per, Silikattechnik, Vol XII, No 1, 1961, pp 7, 8.

JPRS 9346

Control of Sinter Plant Operation, by B. Weilandt, N. Petrusch.
GERMAN, per, Stahl und Eisen, Vol LXXXI, 16 Feb 1961, pp 235-238.

BISI 2112

East German - Czechoslovak Cooperation in the Standardization of the Textile Industry, by E. Klemm, 5 pp.
GERMAN, per, Standardisierung, Vol VII, No 6, Mar 1961, pp 1/304, 1/305.

JPRS 9346

Coordination of the Chemical Equipment Industry to Achieve Maximum Technological and Scientific Standard, by A. Nevoigt, 16 pp.
GERMAN, per, Technische Gemeinschaft, Vol VIII, No 10, 1960, pp 354-359.

JPRS 9091

Eastern Europe
Economic (Contd)

Organization and Planning to Improve Production
of Machine Building Industry, by G. Weise, 3 pp.
GERMAN, per, Technische Gemeinschaft, Vol VIII,
No 10, 1960, pp 377, 378.

JPRS 9091

Rolling Stock and Repair Facilities of the
Deutsche Reichsbahn in 1961, 7 pp.
GERMAN, per, Die Werkstatt, Vol V, No 1,
1961, pp 4-7.

JPRS 8261

Problems of Foreign Exchange Profitability,
by Josepha Burberg, 6 pp.
GERMAN, per, Die Wirtschaft, Vol XVI, No 6,
8 Feb 1961, p 15.

JPRS 8395

Selected Articles From the German Periodical
Wissenschaftlich-Technischer Fortschritt fuer
die Landwirtschaft.

Vol I, No 3, Jun 1960.

JPRS 9179

New Towed Aggregate of the East German
Agricultural Machine Industry, by
F. Winkler, 6 pp, (pp 124-126.)

Organization of Vegetable Cultivation
in East German Cooperatives, by
E. Seidel, 13 pp, (pp 135-140.)

Vol I, No 5, Aug 1960, pp 218-221.

JPRS 9179

Information on Mixed Fodder Production and
on Measures Against Cattle Diseases,
by R. Kraushaar, 5 pp.

Vol I, No 9, Dec 1960, pp 405, 406.

JPRS 9304

Tasks of the Agricultural Institutes
Attached to the Bezirk Councils,
by F. Jeschke, 4 pp.

Cost Estimating for an Information Service,
by H. Kreig.
GERMAN, per, Zo, 300 185, Jul/Aug 1958,
pp 140-142.

PULLEN

Eastern Europe
Economic (Contd)

Twenty-Five Years of Oil Drilling in
Transdanubia, by Odon Alliquander,
28 pp.

HUNGARIAN, per, Banyaszati Lapok,
Vol XCIII, No 12, 1960, pp 834-848.

JPRS 8261

A Critical Analysis of Gross Output,
by Zoltan Forgacs, 37 pp.

HUNGARIAN, per, Banyaszati Lapok,
Vol XCIV, No 3, 1961, pp 195-202.

JPRS 9385

Plastics of Major Importance for Packaging,
by Hugo Macskasy, 9 pp.

HUNGARIAN, per, Csomagolas-Technika, Apr
1960, pp 41-46.

ACSI H-8308-A
ID 2161147

The Second Five-Year Plan of the Food
Industry, by Bela Gulyas, 9 pp.

HUNGARIAN, per, Elelmezesi Ipar, Vol XV,
No 1, 1961, pp 1-5.

JPRS 9346

The Significance and Problems of Rayon
Research in the Economic Geography of
Hungary, by Gyula Bora, 15 pp.

HUNGARIAN, per, Foldrajzi Ertesito,
Vol IX, No 2, 1960, pp 129-138.

JPRS 9306

Livestock Raising in the Southeastern
Part of the Great Plains Region, by
Dr. Gyorgy Enyedi, 25 pp.

HUNGARIAN, per, Foldrajzi Ertesito,
Vol IX, No 2, 1960, pp 207-222.

JPRS 9304

Raw Material Imports and Exports in Light
of the International Division of Labor,
by Zoltan Antal, 33 pp.

HUNGARIAN, per, Foldrajzi Ertesito,
Vol IX, No 3, 1960, pp 277-304.

JPRS 8395

Changes on the Maps, by Sandor Rado, 10 pp.

HUNGARIAN, per, Geodezia es Kartografia,
Vol XII, No 4, 1960, pp 298-306.

JPRS 9236

The Problems of Centralization and Decentraliza-
tion in Poland, by Adam Schmidt, (DC-6026).

HUNGARIAN, per, Ipargazdasag, No 4, 1961, pp 25-29.

*JPRS

Eastern Europe
Economic (Contd)

Ten Years of Electric Power Management in Hungary,
by Laszlo Palfi, 9 pp.
HUNGARIAN, per, Ipari Energiagazdalkodas, Vol II,
No 1/2, 1961, pp 1-3.

JPRS 9384

Report on the Research Station for Thermal
Techniques, by Daniel Dioszeghy, 5 pp.
HUNGARIAN, per, Ipari Energiagazdalkodas,
Vol II, No 1/2, 1961, pp 16, 17.

JPRS 9384

Efficiency of the Hungary-Rumania Gas Pipeline,
by Tamas Jelinek, (NY-6508).
HUNGARIAN, per, Ipari Energiagazdalkodas,
Vol II, No 4, 1961, pp 73-77.

*JPRS

Selected Articles From the Hungarian Periodical
Kozgazdasagi Szemle.

Vol VII, No 8/9, 1960, pp 909-925.

JPRS 8395

Development of Agricultural Production
and State Purchasing, by Vilmos Saghy, 22 pp.

Vol VII, No 11, 1960,

JPRS 8231

Transitional Forms and Solutions in Building
Up a Socialist System of Large-Scale Farming
in Hungary, by Erno Csizmadia, 17 pp,
(pp 1275-1288.)

The Use of the Input-Output Table in
Examination of the Appropriate Branch
Structure of Industry, by Gyorgy Cukor,
Zoltan Roman, 20 pp. (pp 1289-1304.)

Some Economic Problems of Purchasing and
Price Policies for Agricultural Products,
by Jozsef Szabo, 18 pp. (pp 1325-1339.)

The Productivity of Retail Trade of
Farmer Cooperatives, by Sandor Polgar,
Levente Fall, 19 pp, (pp 1340-1356.)

Eastern Europe
Economic (Contd)

Selected Articles From the Hungarian Periodical
Kozgazdasagi Szemle. (Contd)

Vol VIII, No 2, 1961.

JPRS 9255

The Socialist Price System and the
Net Social Income, by Imre Vince,
35 pp, (pp 142-156.).

Problems Involved in the Planning of
Consumer Services, by Kalman Burger, 33 pp,
(pp 157-170.),

The Preparation of Input-Output Tables
Usable in a Comparative System, by Sandor
Ausch, Andras Brody, 22 pp, (pp 171-179).

International Comparison of the Terms of Trade,
by Dr. Imre Vajda, 8 pp.

HUNGARIAN, per, Kulkereskedelem, Vol IV, No 5,
1960, pp 3-5.

JPRS 9304

Trade of the European Socialist Countries
With the European Economic Community and
the European Free Trade Association, by
Laszlo Gardos, 9 pp.

HUNGARIAN, per, Kulkereskedelem, Vol V,
No 2, 1961, pp 11-14.

JPRS 9305

Achievements of the Chemical Industry in
1960 and Tasks for 1961, by Sandor Czottner,
12 pp.

HUNGARIAN, per, Magyar Kemikusok Lapja, Vol XVI,
No 1, 1961, pp 1-5.

JPRS 8340

Selected Articles From the Hungarian Periodical
Magyar Tudomanyos Akademia Agrartudomanyok
Osztalyanak Kozlemenyei,

Vol XVII, No 2-4, 1960.

JPRS 9294

Achievements and Problems of Hungarian
Agricultural Research, 72 pp, (pp 159-209.)

Increases of Meat Production in Socialist
Large-Scale Agricultural Enterprises, by Andras
Magyari, 49 pp. (pp 211-229, 237-240, 245-249,
253-262.)

The Most Important Organizational Questions of
the TSZ's, by Laszlo Stenczinger, 18 pp,
(pp 309-322.)

Eastern Europe
Economic (Contd)

Information on Lower Silesian Industry,
by A. Olka.

POLISH, bk, Dolny Slask, Wroclaw, 1959,
pp 48-54, 56, 59, 214, 215, 226, 228, 232,
235, 244, 256, 266, 270, 272, 273, 276, 291,
293, 294, 298, 302, 307, 308, 315, 316, 319,
320, 322.

JPRS 8350

Polish Statistical Yearbook, 1960,
(DC-6049).

POLISH, bk, Rocznik Statystyczny,
Warsaw, 1960, pp 1-461.

*JPRS

The 4,200-Ton Motor Ship "Sapudi",
by W. Grel, 8 pp.

POLISH, per, Budownictwo Okretowe,
Vol VI, No 1, Jan 1961, pp 4-7.

JPRS 9347

Tarnobrzeg, by Stanislaw Leszczynski,
8 pp.

POLISH, per, Chemik, Vol XIII, No 11/12,
1960, pp 435-439.

JPRS 9385

Methods for Developing Lacquer Plants,
by Halina Kobylinska, 12 pp.

POLISH, per, Chemik, Vol XIII,
No 11/12, 1960, pp 443-446.

JPRS 9385

Some Economic Aspects of the Plock Refinery,
by T. B. Kozlowski, 6 pp.

POLISH, per, Chemik, Vol XIII, No 11/12,
1960, pp 454-456.

JPRS 9385

Nitrogenous Fertilizer Production for
Agriculture, by Z. Zuczkiewicz,
M. Miazgowa, (DC-6014).

POLISH, per, Chemik, Vol XIV, No 3,
1961, pp 81-85.

*JPRS

Law of 10 December 1959 on Financing
Increased Investment Outlays for 1959, 8 pp.

POLISH, per, Dziennik Ustaw, No 69,
19 Dec 1959, pp 731-736.

JPRS 9233

Law of 10 December 1959 on Tax Exemptions
for Investment Outlays, 4 pp.

POLISH, per, Dziennik Ustaw, No 69,
19 Dec 1959, pp 740, 741.

JPRS 9233

Eastern Europe
Economic (Contd)

Ordinance of the Council of Ministers
9 June 1960 on the Competency and Course
of Activities of the Planning Commission
in the Council of Ministers, 5 pp.
POLISH, per, Dziennik Ustaw, No 31,
29 Jun 1960, pp 309, 310.

JPRS 9233

Ordinance of the Minister of Finance
of 6 June 1960 on Implementing the
Law of 10 December 1959 on Tax Exemp-
tions for Investment Outlays, 4 pp.
POLISH, per, Dziennik Ustaw, No 37,
6 Aug 1960, pp 365, 366.

JPRS 9233

Analysis of Industrial Power Plants,
by H. Stanczyk, (NY-6492).
POLISH, per, Energetyka, Vol XV,
No 2, 1961, pp 45-49.

*JPRS

Coal Selection for Power Plants,
by W. Olczakowski, 15 pp.
POLISH, per, Energetyka Przemysłowa,
Vol VIII, No 11, 1960, pp 359-363.

JPRS 8261

The Problem of Gas Economy in Ferrous
Metallurgy, by Aleksander Szpilewicz,
10 pp.
POLISH, per, Energetyka Przemysłowa,
Vol VIII, No 12, Dec 1960, pp 396-399.

JPRS 8350

State Budget for 1961, by Jerzy Albrecht,
27 pp.
POLISH, per, Finanse, Vol XII, No 1,
Jan 1961, pp 1-17.

JPRS 9305

Changes in the Financial System of
Housing Economy, by Mieczysław Wnuk,
Tadeusz Rozbicki, 16 pp.
POLISH, per, Finanse, Vol XII, No 1,
Jan 1961, pp 25-36.

JPRS 9305

Principles of Bank Control of the Wage
Fund, by Henryk Holdys, 18 pp.
POLISH, per, Finanse, Vol XII, No 1,
Jan 1961, pp 37-49.

JPRS 9305

Eastern Europe
Economic (Contd)

Selected Articles From the Polish
Periodical Gospodarka Planowa.

Vol XV, No 11, 1960.

Chemical Industry Development and the
Balance of Payments, by Stefan Gieszczyński,
Michał Niesiolowski, 15 pp, (pp 1-6).

JPRS 9385

The System of Planning, by Michał
Malicki, (NY-6493), (pp 22-26).

*JPRS

Planning Elasticity and Foreign Trade
Requirements, by Bohdan Pryzmiński,
(NY-6493), (pp 32-36).

*JPRS

Vol XV, No 12, 1960, (NY-6493).

*JPRS

Problems of the Economic Plan for 1961,
by Kazimierz Secomski, (pp 1-7).

Preliminary Results of the General
Program of Investment Revision, by
Jerzy Ciachunowicz, (pp 7-11).

Present Housing Problems, by Witold
Nieciunski, (pp 21-25).

A Proper Methodology for Planning Costs,
by Mieczysław Gajderowicz, (pp 28-32).

Vol XVI, No 3, 1961, (NY-6493).

*JPRS

Our Achievements Thus Far and the Prospects
for the Next Five-Year Period, (pp 3-11).

Development of Machine-Building Industry,
by R. Wilczewski, (pp 20-25).

Conditions for the Growth of East-West
Trade, by Witold Trzeciakowski, (pp 39-43).

New Regulations on Drawing up Technical-
Economic Plans of Enterprises, by Edward
Szymanski, (pp 51-54).

Eastern Europe
Economic (Contd)

Water Economy, 21 pp.
POLISH, per, Gospodarka Wodna,
Vol XX, No 9, 1960, pp 30-33.

ACSI H-8465
ID 2162099

Development Trends of Polish Foreign
Trade in Industrial Raw Materials and
Subsidiary Goods, by Piotr Czerwinski,
(NY-6495).
POLISH, per, Handel Zagraniczny, Vol VI,
No 1, 1961, pp 19-23.

*JPRS

Technical Progress in Production, a
Condition of Developing Investment
Exports, by Henryk Piklikiewicz,
(NY-6495).
POLISH, per, Handel Zagraniczny, Vol VI,
No 2, 1961, pp 53-57.

*JPRS

Selected Articles From the Polish
Periodical Inwestycje i Budownictwo.

Vol X, No 11, 1960.

JPRS 9147

Course of the Investment Revision
Program, by Jarzy Bogusz, 10 pp, (pp 1-4).

Plan for New Depreciation Rates, by
Stanislaw Krzesaj, 12 pp, (pp 5-8).

The Development of Mechanization in
Construction in 1950-1959, by Zbigniew
Boguslawski, 18 pp, (pp 17-22).

Trial Establishment of "Construction
Parity" of Zloty to American Dollar,
by Henryk Hajduk, 15 pp, (pp 22-27).

Vol XI, No 3, 1961.

JPRS 9305

Investment Problems of the Five-Year
Plan, by Kazimierz Secomski, 8 pp, (pp 6-8).

Achievements and Goals in Investment
Revisions, by Marian Bartnicki, 11 pp,
(pp 9-12).

Eastern Europe
Economic (Contd)

Selected Articles From the Polish
Periodical Inwestycje i Budownictwo. (Contd)

Vol XI, No 1, 1961.

JPRS 9347

Effects of the New Amortization Rates for
Construction Equipment, by Marian Dziewiecki,
18 pp, (pp 12-16).

Bank Control of Wage Fund in a Construc-
tion Enterprise, by Leslaw Martan, 15 pp,
(pp 31-36).

Development of Industrial Welding in
1961-1965, by S. Rudowski, 7 pp.
POLISH, per, Mechanik, Vol XXXIII, No 11,
1960, pp 533-535, 552.

JPRS 8190

The Machine Building Industry in 1961,
by Henryk Ogrodowski, 10 pp.
POLISH, per, Mechanik, Vol XXXIV, No 1,
1961, pp 1-3.

JPRS 9384

Automation of Sheet Forming Operations,
by K. Bosiacki, (NY-6496).
POLISH, per, Mechanik, Vol XXXIV, No 3,
1961, pp 105-108.

*JPRS

New System for Financing the Housing
Economy of People's Councils and the
Five-Year Plan (1961-1965), by Witold
Nieciumski, 14 pp.
POLISH, per, Miasto, Vol XII, No 1,
Jan 1961, pp 1-5.

JPRS 9347

Urban-Type Housing Construction in 1961
(Plan), 4 pp.
POLISH, per, Miasto, Vol XII, No 1,
Jan 1961, pp 33, 34.

JPRS 9347

Motorization in the National Economic
Plan, by P. A., 6 pp.
POLISH, per, Motoryzacja, Vol XVI,
No 3, Mar 1961, pp 59, 60.

JPRS 9347

Eastern Europe
Economic (Contd)

Selected Articles From the Polish
Periodical Nafta.

Vol XVI, No 4, 1960, pp 85-94.

JPRS 8350

The Present Status and Prospects of the
Oil and Gas Exploration of the Petroleum
Industry, by Jan Borowski, Stanislaw
Depowski, 19 pp.

Vol XVI, No 12, 1960.

JPRS 9384

Development of New Gas Fields, by
Zdzislaw Bajger, Adam Ogrodnik,
Waclaw Owsik, 8 pp, (pp 334-340).

Budapest Mining and Petroleum Congress,
by Jozef Wojnar, 11 pp, (pp 340-343).

Vol XVII, No 1, 1961.

JPRS 9347

Past Achievements and Potential in
Petroleum and Natural Gas Industries,
by Z. Olewicz, 15 pp, (pp 1-6).

Directions for Conservation of Metals
in the Mining and Power Industries, by
J. Czoher, 7 pp, (pp 22-24).

Vol XVII, No 2, 1961, pp 41-49 (DC-6024).

*JPRS

Petroleum Refining Activities in 1959,
by J. Zielinski..

Vol XVII, No 3, 1961.

*JPRS

Geological Problems in Oil Exploration
During 1961-1965 Period, by L. Zukrowski,
(pp 33-38). (DC-6024).

Development of Raw Materials Base for
Power Industry, by J. Mitrega, (pp 61-65).
(DC-6022).

Eastern Europe
Economic (Contd)

Observations on Standardization of Chemical Apparatuses in Poland, by B. Szatanaki, 9 pp. POLISH, per, Normalizacja, Vol XXVIII, No 2, pp 60-63.

JPRS 9233

Problems of Increased Crop Production, by St. Gucwa, (NY-6507). POLISH, per, Nowe Rolnictwo, Vol X, No 5, 1 Mar 1961, pp 1-4.

*JPRS

Plant Breeding Method, by J. Lekczynska, St. Starzycki, (NY-6507). POLISH, per, Nowe Rolnictwo, Vol X, No 5, 1 Mar 1961, pp 6-12.

*JPRS

Agricultural Circles Tasks Outlined, by Tadeusz Ilczuk, 4 pp. POLISH, per, supplement to Plon, Vol XX, No 1, 1 Jan 1961, pp 17, 18.

JPRS 9233

The Present Housing Situation, 19 pp. POLISH, per, Polityka, Vol V, No 4, 28 Jan 1961, pp 3, 4.

JPRS 9147

The 1961-1965 Five-Year Plan in Forestry and Timber Industry, 8 pp. POLISH, per, Las Polski, Vol XXXV, No 5, 1-15 Mar 1961, pp 1-4.

JPRS 9347

New Rectifier Station at Skawina Aluminum Plant, by H. Urbanowicz, (NY-6497). POLISH, per, Przegląd Elektrotechniczny, Vol XXXVII, No 3, 1961, pp 128-132.

*JPRS

Geological Plan for 1961, by A. P., 4 pp. POLISH, per, Przegląd Geologiczny, Vol VIII, No 11, Nov 1960, pp 619, 620.

JPRS 9305

Implementation of Fifth Plenum Resolutions in the Coal Industry, by Jan Mitre, 13 pp. POLISH, per, Przegląd Gorniczy, Vol XVI, No 12, 1960, pp 599-603.

JPRS 9178

Coal Industry Development in 1961-1965, by Tadeusz Muszkiet, 18 pp. POLISH, per, Przegląd Gorniczy, Vol XVI, No 12, 1960, pp 604-609.

JPRS 9178

Eastern Europe
Economic (Contd)

Conference of the Ninth Commission of
the Organization for Railroad Cooperation,
the OSShD, in Sofia, 3 pp.
POLISH, per, Przegląd Kolejowy Drogowy,
Vol XIII, No 3, Mar 1961, p 45.

JPRS 9305

Electrical Engineering Industry in
Poznan Wojewodztwo, by Edward Palacz,
9 pp.
POLISH, per, Przegląd Mechaniczny,
Vol XIX, No 19/20, 10, 25 Oct 1960,
pp 602-604.

JPRS 9055

Steel Conservation in Machine-Building
Industry, by Stefan Oldakowski, 20 pp.
POLISH, per, Przegląd Mechaniczny,
Vol XX, No 1, 10 Jan 1961, pp 1-8.

JPRS 9233

New Metal Cutting Machine Tools, by
Andrzej Kaniewski, 12 pp.
POLISH, per, Przegląd Mechaniczny, Vol XX,
No 1, 10 Jan 1961, pp 15-22.

JPRS 9233

Future Development of Marine Engines in
Shipbuilding Industry, by A. Doraczynski,
(NY-6505).
POLISH, per, Przegląd Mechaniczny, Vol XX,
No 4, 25 Feb 1961, pp 100-103.

*JPRS

Aluminum: Production and Cost-Cutting
Problems, by Stanislaw Kawinski, 4 pp.
POLISH, per, Przegląd Techniczny, No 3,
18 Jan 1961, pp 4, 5.

JPRS 8395

Non-Periodic Impulse Transmitting
Equipment for Long-Range Telemetric
Systems, by Henryk Kuniewski, (DC-6077)
POLISH, per, Przegląd Telekomunikacyjny,
Vol XXXVI, No 3, 1961, pp 78-84.

*JPRS

Eastern Europe
Economic (Contd)

Selected Articles From the Polish
Periodical Technika Motoryzacyjna, 1960.

JPRS 9178

Vol X, No 10.

Epidian 410 Resin as Auto Body Filler,
by J. Jaworski, 10 pp, (pp 329-333).

Polish Motor Vehicles at Poznan Fair,
by F. Vleumke, 4 pp, (pp 343, 344).

Vol X, No 11.

Metal-Forming Machinery for Automotive
Industry, by K. Bosiacki, 15 pp.
(pp 374-379).

New Rumanian Automotive Production,
3 pp, (pp 390, 391).

Selected Articles From the Polish Periodical
Wiadomosci Elektrotechniczne, 1960.

Vol XX, No 11,

JPRS 9147

Polish Circuit Breaker Production,
by Janusz Gatkiewicz, 5 pp, (pp 291-297).

Production of Alternating Current Con-
tact Switches for Light Industry, by
Stanislaw Ostrowski, Slawomir Lesinski,
8 pp, (pp 298-300).

Vol XX, No 12.

JPRS 9233

Progress in Production of Low-
Voltage Fuses, by T. Lipski, 8 pp,
(pp 319-322).

Production of Switchgear for the Mining
Industry, by Izydor Napiorkowski, 8 pp,
(pp 323-326).

Important Achievements of Polish Coal
Associations in 1960, 23 pp.
POLISH, per, Wiadomosci Gornicze, Vol XI,
No 12, 1960, pp 432-445.

JPRS 9233

Eastern Europe
Economic (Contd)

Gas Economy in Iron Metallurgy, by
A. Szpilewicz, 12 pp.
POLISH, per, Wiadomosci Hutnicze,
Vol XVI, No 11, 1960, pp 329-333.

JPRS 9178

Timber Need in Poland, by Stefan Klejnik,
4 pp.
POLISH, per, Zielony Sztandard, Vol XIII,
No 12, 8 Feb 1961, p 3.

JPRS 9347

Recent Rumanian Railroad Regulations and
Amendments, (DC-6025).
RUMANIAN, per, Buletinul Comerical CFR,
Vol II, No 2, 21 Jan 1961, pp 11-12,
13-16, 16-17, 23, 24-25, 25-28; No 3,
4 Feb 1961, pp 39, 40, 41; No 4,
18 Feb 1961, pp 55-56, 64, 64-65, 65,
66; No 6, 18 Mar 1961, pp 106, 107,
108-109.

*JPRS

Decision on State Action for Standardization
in Rumania, 10 pp.
RUMANIAN, per, Colectia de Hotariri si
Dispozitii Ale Consiliului de Ministri
al Republicii Populare Romine, Vol X,
No 1, 9 Jan 1961, pp 2-12.

JPRS 9384

Achievements and Development Outlook of
the Cable and Electric Insulating Mate-
rials Factory, by Virgil Pircioaga, 8 pp.
RUMANIAN, per, Electrotehnica, Vol VIII,
No 11, 1960, pp 377-379.

JPRS 8261

Mechanization of Bookkeeping in the
Rumanian State Bank, by D. Toma, 6 pp.
RUMANIAN, per, Evidenta Contabila,
Vol VI, No 1, 1961, pp 28-31.

JPRS 9304

A. A Grandiose Program for the Socialist
Development of the Textile Industry of the
Rumanian People's Republic, by B. Reichstadter,
7 pp; B. The Tasks of the Textile Research
Institute in View of the Expected Plan, by
B. Reichstadter, 5 pp.
RUMANIAN, per, Industria Textila, Vol II,
No 6, Jun 1960, pp 201-204, 209.

ACSI H-8871-A, B
ID 2164459

Eastern Europe
Economic (Contd)

Improvement of Cast Pieces at "Semanatoarea"
Plant, by Gh. Stefanescu, 9 pp.
RUMANIAN, per, Metalurgia si Constructia
de Masini, Vol XII, No 9, 1960, pp 808-813.

JPRS 8231

Classification of Rumanian Hard Coals
by the Gray-King Method, by N. M. Ionescu,
N. D. Duinea, 22 pp.
RUMANIAN, per, Revista Minelor, Vol XI,
No 9, 1960, pp 389-398.

JPRS 8350

Albanian Forestry, by B. P. Tolcheyev, 48 pp.
RUSSIAN, bk, V Stranakh Narodnoy Demokratii,
Moscow/Leningrad, 1960, pp 1-39.

JPRS 9304

In the Foundries of Czechoslovakia, by
V. M. Shestopal.
RUSSIAN, per, Lit Proiz, No 12, 1959,
pp 5-7.

DSIR LLU-M.2344

Present State and Perspectives of Metal
Science in the German Democratic Republic,
by F. Erdmann-Jesnitzer.
RUSSIAN, per, Metal i Term Obra Metallov,
No 10, 1959, pp 2-5.

HB 4979

Selected Articles From the Serbian Periodical
Socijalna i Zdravstvena Politika, Vol XIII,
No 11/12, 1960.

JPRS 8361

The Methodology of Social Planning, by
Petar Manojlovic, 10 pp, (pp 6-15).

Conditions for Obtaining the Right to
Allotments for Children, by Jerotije
Markovic, 11 pp. (pp 20-28).

The Surplus Labor Force in Economic Organi-
zations, by ~~Emilija~~ Stepanovic, 4 pp, (pp 39-42).

The Financing of Communal Activities in
Yugoslavia, by Mihajlo Grigorov, 8 pp,
(pp 53-59).

Eastern Europe
Political

Albanian Theoretical Journal Comments
on 1960 Moscow Declaration, by Vangjel
Moisiu, (DC-6048).

ALBANIAN, per, Rruga e Partise, No 3,
1961, pp 85-96.

*JPRS

Albanian Theoretical Journal Discusses
Ideological Significance of Paris Commune,
by Alfred Uci (DC-6048).

ALBANIAN, per, Rruga e Partise, No 3, 1961,
pp 97-103.

*JPRS

US Imperialism -- The Chief Danger to the
Peace and Security of Nations, by

Petro Kito, 7 pp.

ALBANIAN, np, Zeri i Popullit, 16 Mar 1961,
pp 3-4.

JPRS 8341

A New Stage in the Development of Socialist
Democracy in Bulgaria, by Yanko Yanev, 18 pp.
BULGARIAN, per, Novo Vreme, No 2, 1961,
pp 3-18.

JPRS 8191

The Upsurge of Left Wing Forces in Inter-
national Social Democracy, by Stoyan Petrov,
15 pp.

BULGARIAN, per, Novo Vreme, No 2, 1961,
pp 36-48.

JPRS 8191

The Bulgarian Communist Party and Literature,
by Aleksey Segrenski, 17 pp.

BULGARIAN, per, Novo Vreme, No 2, 1961,
pp 85-96.

JPRS 8191

Struggle on Two Fronts Against Revision-
ism and Dogmatism, by Girgin Girginov, 13 pp.
BULGARIAN, per, Partien Zhivot, No 1, 1961,
pp 10-21.

JPRS 8487

The Victorious Struggle of the Albanian
People, by Lo Shih-kao, (DC-3502/38).

CHINESE, per, Hung-ch'i, No 5, 1 Mar 1961,
pp 17-21.

*JPRS

Eastern Europe
Political (Contd)

On International Cooperation and On War or Coexistence, by Punisa Perovic, Franjo Tujman, 34 pp.
CROATIAN, per, Nasa Stvarnost, Vol XV, No 1, 1961, pp 16-53.

JPRS 8278

Local Committees in the Yugoslav Communal System, by Milivoje Kovacevic, 14 pp.
CROATIAN, per, Nasa Stvarnost, Vol XV, No 2, 1961, pp 146-161.

JPRS 8279

A Clarification of "Land Rent" in Marxist Theory, 13 pp.
CROATIAN, per, Nasa Stvarnost, Vol XV, No 2, 1961, pp 162-175.

JPRS 8279

Yugoslav Administration and the Citizen, by Lado Vavpetic, 25 pp.
CROATIAN, per, Nova Administracij, Vol IX, No 1, 1961, pp 21-38.

JPRS 8378

Yugoslav Discourse on Democracy, Humanism, and Socialism, by Miroslav Krleza, 39 pp.
CROATIAN, np, Vjesnik, No 4980, 4987, 4993, 18, 25 Dec 1960, 1 Jan 1961.

JPRS 9127

Czechoslovak Government Statement on the Congo, 3 pp.
CZECH, np, Rude Pravo, 1 Mar 1961, Encl 1 to Desp 585, AmEmbassy, Prague, 9 Mar 1961.

Dept of State
4484242

Political Reminiscences and Reflections of a Prisoner, by Susanne Leonhard, (DC-6044).
GERMAN, bk, Gestohlenes Leben, 1956, pp 739-840.

*JPRS

East-West Competition in Nasser's Domains, by Joseph M. Hunck, 11 pp.
GERMAN, per, Aussenpolitik, Vol XII, No 3, 1961, pp 192-201.

JPRS 8303

Eastern Europe
Political (Contd)

The Legal Situation in Our Coastal Waters, by Dr. Haalck, 7 pp.
GERMAN, per, Seeverkehr, Apr 1961, pp 45-48, Encl to Serial No B-134-61, Cincusnaveur Rep Berlin, 12 May 1961.

Navy/ONI 5119388

Decree No 10/1961 (March 31) of the Hungarian Revolutionary Workers Peasant Government on the System of Passport Issuance, 4 pp.
HUNGARIAN, per, Magyar Kozlony, 31 Mar 1961, Encl 1 to Desp 489, AmLegation, Budapest, Legation D-171, 19 Sep 1958; 25 Apr 1961.

Dept of State
4324319

Who Is Joining the Communist Party in Poland?, by Jakub Banaszkiwicz, Aleksander Owieczko, 9 pp.
POLISH, per, Polityka, No 11, 18 Mar 1961, pp 1, 4.

JPRS 4640

Speeches on Education and Training at the Party Plenum of the Warsaw Military District, by Czeslaw Bielecki, 11 pp.
POLISH, per, Zolnierz Wolnosci, Vol XII(XIX), No 6 (3166), 7, 8 Jan 1961, p 2.

JPRS 4625

v)

Eastern Europe
Military

Detection of ABC From Mobile Observation Stations, by Dako Barac, 8 pp.

CROATIAN, per, Vojni Glasnik, Vol XIV, No 11, 1960, pp 33-40.

JPRS 4625

Modern AA Automatic Guns, 14 pp.

GERMAN, per, Soldat und Technik, No 1, 1961.

ACSI H-8939
ID 2164471

Some Problems of Tactical Maneuvering of a Ship Group, by Edmund Kosiarz, 21 pp.

POLISH, per, Przegląd Morski, Vol XIV, No 1, 1961, pp 15-32.

JPRS 4625

Polish Sport Aviation in 1960, by

Jerzy R. Koneiczny, 6 pp.

POLISH, per, Wojskowy Przegląd Lotniczy, Vol XIV, No 1, 1961.

JPRS 4625

Work of the Polish Military Institute of Hygiene and Epidemiology, by Maria Ulbrycht, 3 pp.

POLISH, per, Zolnierz Polski, No 7 (664), 12 Feb 1961, pp 10-11.

JPRS 4625

Training Problems at the Officer Anti-aircraft Artillery School, by R. Labinski, 4 pp.

POLISH, per, Zolnierz Wolnosci, Vol XI (XVIII), No 284 (3136), 19 Jan 1961, p 2.

JPRS 4625

Eastern Europe
Geographic

Problems of Pisciculture in Connection
With the Development of Hydrotechnical
Construction in Bulgaria, by M. Nishkov,
Stoyan Nikolov, 6 pp.
BULGARIAN, per, Khidrotekhnika i Melioratsii,
Vol V, No 2, 1960, pp 56-59.

JPRS 8160

Geodetic and Photogrammetric Projects in
Yugoslavia, by Milutin Stefanovic, 19 pp.
CROATIAN, per, Tehnika, Vol XV, No 3,
1960, pp 483-486.

JPRS 9135

The Geodetic Survey of the FPRY and Sur-
vey of Belgrade, by Iliya Zivkovic, 24 pp.
CROATIAN, per, Tehnika, Vol XV, No 3, 1960,
pp 487-491.

JPRS 9135

Review of Photogrammetric Projects in Yugo-
slavia From 1955 to 1959, by Bosco Popeskov,
Lazar Zokic, 11 pp.
CROATIAN, per, Tehnika, Vol XV, No 3, 1960,
pp 492, 493.

JPRS 9135

Some Problems of Technical Progress in Survey-
ing and Mapping, by H. Schilling, 40 pp.
GERMAN, per, Vermessungstechnik, Vol IX,
No 3, 1961, pp 65-67.

JPRS 9436

Eastern Europe
Sociological

Ukase Number 47: Law Amending and Supplementing That Governing the Combatting Of Juvenile Delinquency in Bulgaria. 8 pp.
BULGARIAN, per, Izvestiya na Prezidiuma na Narodnoto Subranie, Vol XIII, No 11, 7 Feb 1961, pp 1-3.

JPRS 8280

Education and Culture, by Nacho Papazov, 10 pp.
BULGARIAN, per, Narodna Prosveta, Vol XVII, No 1, 1961, pp 7-14.

JPRS 8280

Atheistic Education Through the Study of Physics, by Tan'o G. Chernev, 9 pp.
BULGARIAN, per, Narodna Prosveta, Vol XVII, No 1, 1961, pp 21-28.

JPRS 8280

Work With Problem Children in Bulgaria -- A School's Experience, by Angel Uzunov, 12 pp.
BULGARIAN, per, Narodna Prosveta, Vol XVII, No 1, 1961, pp 29-38.

JPRS 8280

The Legal Status of Persons Sentenced to Unconfined Corrective Labor, by Lyubomir Radoilski, 24 pp.
BULGARIAN, per, Pravna Misul, Vol IV, No 6, Nov/Dec 1960, pp 41-62.

JPRS 8361

Advice to a Young and Gifted Creator of the Cinema, by Oskar Davico, 7 pp.
CROATIAN, np, Borba, 26 Mar 1961, p 9.

JPRS 8339

Work Disability Protection, by M. T., 13 pp.
CROATIAN, per, Jugoslovenski Pregled, No 1, 1961, pp 27-30.

JPRS 8361

Financing the Schools, by R. J., 8 pp.
CROATIAN, per, Jugoslovenski Pregled, No 1, 1961, pp 31-33.

JPRS 8361

Social Work in Health Institutions, by Drago Music, 14 pp.
CROATIAN, per, Socijalna Politika, Vol X, No 12, 1960, pp 17-29.

JPRS 8361

Eastern Europe
Sociological (Contd)

Results of Population Census for
31 March 1961, by Dusan Breznik, 14 pp.
CROATIAN, per, Socijalna Politika,
Vol XI, No 1, 1961, pp 47-58.

JPRS 8280

Report of the Slovak Postgraduate Medical
Institute Program and Personalities, 21 pp.
CZECH, per, Lekarsky Obzor, Vol X, No 1,
1961, pp 51-59.

JPRS 9351

Preparations for Okres Red Cross Conferences,
3 pp.
CZECH, per, Pracovnik Ceskoslovenskeho Cer-
veneho Krize, Vol VIII, No 2, 1961,
pp 52-54.

JPRS 4625

Organization and Personalities of Budapest
Technical University, (DC-6046).
HUNGARIAN, bk, Budapest Muszaki Egyetem
Programja, 1959/60 Tanev, Budapest,
1959, pp 15-210.

*JPRS

Report of the Administrative Staff of the
Department of Mathematics and Physics of
the Hungarian Academy of Sciences on Ten
Years of Achievement and Future Problems,
by Hajos Gyorgy.
HUNGARIAN, per, A Magyar Tudomanyos
Akademia Matematikai es Fizikai Tudomanyok
Osztalyanak Kozlemenyei, Vol X, No 4,
1960, pp 407-420.

JPRS 7883

Status of the Future Development of Tech-
nical Higher Education in Hungary, by
Gyorgy Rigler, 6 pp.
HUNGARIAN, per, Felsooktatasi Szemle,
Vol X, No 1-2, 1961, pp 15-19.

JPRS 4597

Contributions to the Transliteration of
Non-Slavic Cyrillic Words, by Mador
Molnar, (DC-6108).
HUNGARIAN, per, Magyar Konyvszemle, No 2,
Apr/Jun 1961, pp 196-198.

*JPRS

Eastern Europe
Sociological (Contd)

Several Problems of Transliterating Cyrillic Titles, by Laszlo Dezso (DC-6108).
HUNGARIAN, per, Magyar Konyvszemle, No 2, Apr/Jun 1961, pp 198-203.

*JPRS

Research in Educational Psychology in East Germany, by Jeno Salamon, 10 pp.
HUNGARIAN, per, Magyar Pszihologiai Szemle, Vol XVIII, No 1, 1961, pp 61-67.

JPRS 4637

Some Pedagogical-Psychological Problems of Adult Education in Hungary, by Alfrad Temesi, 5 pp.
HUNGARIAN, per, Magyar Pszihologiai Szemle, Vol XVIII, No 1, 1961, pp 67-70.

JPRS 4638

Status and Development of Hungarian Scientific Research Institutes From 1953-1959, by Judit Partos, (NY-6547).
HUNGARIAN, per, Statistikai Szemle, Vol XXXIX, No 5, 1961, pp 529-537.

*JPRS

Development of a Future Cadre of Scientists, by Henryk Golanski, 11 pp.
POLISH, per, Nowe Drogi, Vol XV, No 2 (141), 1961, pp 108-114.

JPRS 9096

Philosophy of Man (6) Marxist Philosophy of Man, by Adam Schaff, 8 pp.
POLISH, per, Preglad Kulturalny, Vol X, No 14 (449), 6 Apr 1961, pp 1-7.

JPRS 8166

Scientific Research in the Field of Health, 8 pp.
RUMANIAN, per, Muncitorul Sanitar, Vol XI, No 2 (554), 14 Jan 1961, p 3.

JPRS 8320

Biographic

Biographic Information on Hungarian Chemists, 4 pp.
HUNGARIAN, per, Magyar Kemilusok Lapja, Vol XVI, No 1, 1961, pp 46-47.

JPRS 8270

NORTHERN EUROPE

Economic

Fredrik Zeuthen, by Hans Brems, 15 pp.
DANISH, per, Nationalokonomisk Tidsskrift,
Vol XCVII, No 1, 2, 1959.

Macmillan & Co Ltd.
Interntl Econ Papers,
No 10

Selected Articles From the Finnish
Periodical Teknillinen Aikakauslihti,
1961. Call No TA 4.T267, Vol LI, No.1.

AMS

Construction Activities, (p 6).

Canal and Airport Work, (p 9).

Railroad Construction and Repairs (p 9).

Hydraulic Construction Work, by
H. Solitander, (pp 9-10).

The International Ore Market. Some Tech-
nical and Economic Trends, by A. S. Lundberg.
SWEDISH, per, Blad Berg Vanner, No 1,
Stockholm, 1960, pp 17-47.

BISI 1967

Antwerp's Ten-Year Harbor Project, 5 pp.
SWEDISH, per, Svensk Sjöfarts Tidning,
No 13, 30 Mar 1961, pp 703-705.

ACSI H-9349
ID 2170467

Political

The Danish Communist Party and Revision-
ism, by Villy Karlsson, 8 pp.
DANISH, per, Tiden, Vol XXI, No 7, 1960,
pp 225-227.

JPRS 8276

Karl Evang and Communism, by Albert
Henrik Mohn, (DC-6116).
NORWEGIAN, np, Morgenavisen.

*JPRS

Tax Principles and Tax Policy, by Erik
Lindahl, 7 pp.
SWEDISH, bk, Ekonomi Politik Samhalle,
1959, pp 151-171.

Macmillan & Co Ltd.
Interntl Econ Papers,
No 10

Northern Europe
Military

National Defense and National Planning,
by Vaino Paavilainen.

FINNISH, per, Sotilasaikakauslehti,
Vol XXXVI, No 4, 1961, pp 147-155.

*JPRS

Training Regulations for the Fleet: Damage
Control and Passive Defense, Part V.

NORWEGIAN, rpt, Skolreglemente For Slottan
Skyddstjanst Del 5, 16 Nov 1960.

Navy Tr 2903/ONI 834

The Army QM School and Training Division,
by Georg Jarmann, 10 pp.

NORWEGIAN, per, Norsk Intendantur-
Tidsskrift, No 2, 1960, pp 2-18, bottom
of p 19.

ACSI H-9141
ID 2166451

Protection Instruction for the Armed
Forces, (DC-6106).

SWEDISH, bk, Skyddsinstruktion for Krigsmak-
ten, 1960, 132 pp.

*JPRS

Biological Warfare, by Henrik Markkula.

SWEDISH, per, Tidskrift Militar Halsovard
Vol LXXXV, 1960, pp 98-101.

*ACSI H-9455
ID 2170478

Spread of Chemical-Biological Fume Clouds,
by B. Wedin.

SWEDISH, per, Tidskrift Militar Halsovard,
Vol LXXXV, 1960, pp 102-109.

*ACSI H-9456
ID 2170479

Sociological

The Stockholm School Versus the Quantity
Theory, by Bertil Ohlin, 15 pp.

SWEDISH, per, Ekonomisk Tidskrift, Vol XLV,
1943, pp 27-46.

Macmillan & Co Ltd.
Interntl Econ Papers
No 10

NEAR EAST/AFRICA

Economic

Ministry of Social Affairs and Labor Departmental Order No 28 of February 13, 1961 Regulating the Work of the Joint Committees for Fixing Wages, 3 pp.

ARABIC, per, Egyptian Official Journal, No 16, 23 Feb 1961, Encl 1 to Desp 881, AmEmbassy, Cairo, 2 May 1961.

Dept of State
4614353

Ministry of Social Affairs and Labor Departmental Order No 29 of February 13, 1961 Regulating the Work of the Joint Advisory Boards Set Up for Each Industrial Sector, 3 pp.

ARABIC, per, Egyptian Official Journal, No 16, 23 Feb 1961, Encl 2 to Desp 881, AmEmbassy, Cairo, 2 May 1961.

Dept of State
4614353

Budget Justification, by M'Hammed Douiri, 6 pp.

FRENCH, per, Bulletin Officiel, No 2523, 3 Mar 1961, Encl 1 to Desp 467, AmEmbassy, Rabat, CERP, Morocco, Section D, Item IV B-5, EmbDes 29, 1 Aug 1960; 10 Apr 1961.

Dept of State
4613327

Details of 1961 Equipment Budget, 5 pp.

FRENCH, per, Bulletin Officiel, No 2523, 3 Mar 1961, Encl 2 to Desp 467, AmEmbassy, Rabat, CERP, Morocco, Section D, Item IV B-5, EmbDes 29, 1 Aug 1960; 10 Apr 1961.

Dept of State
4613327

Telecommunications in the Ivory Coast, by B. Journet, 17 pp.

FRENCH, per, Industries et Travaux d'Outremer, No 80, Jul 1960, pp 463-468.

USASIA Tr-1158

Preliminary Research for the Development Plan of Senegal, by A. Fusi, 33 pp.

FRENCH, per, Industries et Travaux d'Outremer, Vol IX, No 86, Jan 1961, pp 6-23.

JPRS 8329

Imperialist "Aid" For Africa, by Paul Friedlander, 12 pp.

GERMAN, per, Deutsche Aussenpolitik, No 1, 5 Aug 1960, pp 67-78.

JPRS 8430

Near East/Africa
Economic (Contd)

Economic Relations of the Socialist Camp and the Imperialist States With Africa, by Karl Heine Domdey, 12 pp.
GERMAN, per, Deutsche Aussenpolitik, No 1, 5 Aug 1960, pp 79-89.

JPRS 8430

Transformation of the Socio-Economic Structure of the Republic of Guinea, by Harry Zinger, 11 pp.
GERMAN, per, Deutsche Aussenpolitik, No 1, 5 Aug 1960, pp 155-165.

JPRS 8430

Draft Law Entitled: Introduction to Measures to Stimulate the Development of the Country's Economy, 9 pp.
GREEK, Encl to Desp 840, AmEmbassy, Athens, CERP - Section D, Items II-A-1 and A-2; IV-A-5; V-A-8, VII-A-1, 24 Mar 1961.

Dept of State
4612033

Import Quota Regulations of the Iranian Government for the Iranian Year 1340 (March 21, 1961, through March 20, 1962), 44 pp.
PERSIAN, Encl 1 to Desp 527, AmEmbassy, Tehran, CERP-Iran: Section D, Items III-A-2 and 3, 4 Apr 1961.

Dept of State

Afghan Postal Rates, 16 pp.
PERSIAN, document, Kabul, pp 1-14.

JPRS 8367

Electric Power Development in India, by F. D. Yaroshenko, 6 pp.
RUSSIAN, per, Geograf v Shkole, No 6, 1959, pp 41-46.

Soviet Geography
Amer Geograph Soc
Vol I, No 4

The Soviet Union Helps the Countries of Africa, by D. Degtyar', 5 pp.
RUSSIAN, per, Sovremennyy Vostok, No 11, 1960, pp 18-20.

JPRS 4648

Development Problems in Tropical Africa, by Sune Carlson, 5 pp.
SWEDISH, per, Ekonomisk Revy, No 3, 1961, Encl 1 to Desp 936, AmEmbassy, Stockholm, EmbDes 906, 14 Apr 1961; 21 Apr 1961.

Dept of State
4324179

Near East/Africa
Political

Royal Decree No 85 Dated March 11, 1961.
New Regulations Regarding Duties of
Finance Representatives in Government
Ministries and Departments, 5 pp.
ARABIC, Encl 1 to Desp 317, AmEmbassy,
Jidda, CERP: Section D, V-A-k, 28 Mar 1961.

Dept of State
4611926

The Recommendations of the Palestine Of-
fices Conference, 8 pp.
ARABIC, Encl 1 to Desp 772, AmEmbassy,
Cairo, 3 Apr 1961.

Dept of State
4489679

Information on Internal Affairs in the
United Arab Republic, 23 pp.
ARABIC, np, 1-25 Jan 1961.

JPRS 8373

Kurdish Activities as Reflected in the
Organ of Democratic Party of Iraqi Kurdistan
(DPIK), 93 pp.
ARABIC, np, Khehbat, 18 Aug-9 Sep 1960.

JPRS 8133

Kurdish Activities as Reflected in the Or-
gan of the Kurdistan Democratic Party,
43 pp.
ARABIC, np, Khehbat, 20 Jan 1961; 22-25, 27,
30, 31 Jan 1961; 1, 7, 9, 15, 24 Feb 1961.

JPRS 8396

Regulation of Legal Relations of Foreign
Nature, 11 pp.
ARABIC, np, Kuwait al-Yom, Supplement 316,
27 Feb 1961, Encl 1 to Desp 296, AmConsulate,
Kuwait, ConDes 286, 4 Apr 1961; 9 Apr 1961.

Dept of State
4323398

Africa's Destiny Should Be Decided by the
People of Africa, 4 pp.
CHINESE, np, Jen-min Jih-pao, 3 Jan 1961,
p 5.

JPRS 8249

Congratulate the Important Achievements of
Heads of African States Meeting, 4 pp.
CHINESE, np, Jen-min Jih-pao, 11 Jan 1961,
p 6.

JPRS 8220

Support the Legitimate Government and the
People of Congo, 6 pp.
CHINESE, np, Jen-min Jih-pao, 8 Feb 1961,
p 5.

JPRS 8220

Near East/Africa
Political (Contd)

Ny Friend Lumumba, by Serge Michel, 20 pp.
CROATIAN, np, Vjesnik, 29-31 Jan, 2-7 Feb
1961.

JPRS 4629

Statement by Minister Delvaux on Current
Situation in Congo, April 12, 1961, 7 pp.
FRENCH, Encl 1 to Desp 414, AmEmbassy,
Leopoldville, 17 Apr 1961.

Dept of State
4323667

The African Policy of the German Democratic
Republic, by Siegfried Buttner, 19 pp.
GERMAN, per, Deutsche Aussenpolitik, No 1,
5 Aug 1960, pp 129-146.

JPRS 8430

Report on the African Conference in East
Berlin, by Harald Uhlig, (Jun 29-30 1960),
8 pp.
GERMAN, per, Deutsche Aussenpolitik, No 1,
5 Aug 1960, pp 192-199.

JPRS 8430

East Bloc Influence on Cairo, by
Georg von Huebner (DC-6086).
GERMAN, per, Deutsche Aussenpolitik,
Vol XII, No 5, 1961, pp 348-353.

*JPRS

Activities Report of Edon Central Secre-
tariat, 6 pp.
GREEK, report, 26 Nov 1960.

JPRS 8443

Law No 4045. On the Prevention of Evasion
of Taxes on Income, March 17, 1960, 11 pp.
GREEK, np, Government Gazette Folio, Vol I,
No 47, 19 Apr 1960, Encl 1 to Desp 861,
AmEmbassy, Athens, CERP, Section D, Items
V-A-1 and V-B-5, EmbDes 806, 24 Mar 1960;
762, 10 Mar 1960; 872, 20 May 1958, 311,
16 Oct 1958; 4 Apr 1961.

Dept of State
4489534

The Greek Political Problem, by Stratis
Someritis, 3 pp.
GREEK, per, Nea Incomonia, Vol XIV, No 158,
Feb 1960, pp 111-113.

JPRS 8391

Regulation No 14,331 on Identity Documents,
13 pp.
PORTUGUESE, per, Official Bulletin of Mozam-
bique, No 39, 29 Sep 1960.

JPRS 8256

House of Representatives Debates Draft Elec-
toral Law, 5 pp.
TURKISH, np, Ulus, 10 Mar 1961, pp 1, 5.

JPRS 8162

Near East/Africa
Geographic

The Spanish Western Sahara.
FRENCH, per, Documentation Francaise,
No 2570, 15 Sep 1959, pp 1-23.

AMS

Ankara's Lack of Water and Ways to Over-
come It, by Zihni Derin, 3 pp.
TURKISH, np, Ulus, 3 Jan 1961, p 2.

JPRS 8193

Sociological

New Congolese Basic Labor Law: Decree--
Law of February 1, 1961, on Employment
Contracts, 19 pp.
FRENCH, Encl 1 to Desp 419, AmEmbassy,
Leopoldville, 25 Apr 1961.

Dept of State
4491349

Role of the Working Class in the Libera-
tion Struggle of Africa, by Wolfgang
Kiesewetter, 9 pp.
GERMAN, per, Deutsche Aussenpolitik, No 1,
5 Aug 1960, pp 7-15.

JPRS 8430

Participation by University Teachers in
Turkey in Political Parties, by
Yasar Karayalcin, 6 pp.
TURKISH, per, Forum, Vol XIII, No 168,
1 Apr 1961, pp 14-16.

JPRS 8376

FAR EAST

Economic

Season and Crop Report of the Union of
Burma for the Year Ending 30 June 1958,
66 pp.
BURMESE, pamphlet, No 9, 16 May 1960,
pp 1-40.

JPRS 8327

Regulation on Overhaul of Freight Cars,
74 pp.
CHINESE, bk, Huo-che Chung-hsiu Kuei-tse,
Apr 1960, pp 1-92.

JPRS 9428

Manufacture of Radio Equipment, 4 pp.
CHINESE, np, Chieh-fang Jih-pao, No 4009,
13 Jun 1960, p 1.

JPRS 8345

The Scientific Cooperative Society Promoted
Production in a Shanghai Acid-Proof Enamel
Factory, by Wang Ching-hsiung, Chen Chun-yang,
5 pp.
CHINESE, np, Chieh-fang Jih-pao, 31 Aug 1960.

JPRS 8222

Create a New Generation of People in the
Struggle on Agricultural Front, by Hu Yao-pang,
14 pp.
CHINESE, per, Chung-kuo Ch'ing-nien, No 23,
1 Dec 1960, pp 3-7.

JPRS 8298

Why the "Three Levels of Ownership, With
the Brigade as the Foundation" Is the
Basic System of the People's Commune at
the Present Stage, by Su Hsing, 9 pp.
CHINESE, per, Chung-kuo Ch'ing-nien, No 24,
16 Dec 1960, pp 9-11.

JPRS 8429

Three-Level Ownership System in Rural
People's Communes, 20 pp.
CHINESE, per, Chung-kuo Ch'ing-nien, No 1,
1 Jan 1961, pp 4-9.

JPRS 8400

Improvement in Food Supply, by Wang T'ing-
shan, 4 pp.
CHINESE, per, Chung-kuo Ch'ing-nien, No 2,
16 Jan 1961, p 32.

JPRS 8408

Far East
Economic (Contd)

Selected Articles From the Chinese
Newspaper Hopeh Jih-pao.

23 Oct 1960, p 1.	JPRS 8398
Take Good Care of Wheat, 4 pp.	
27 Oct 1960, p 1.	JPRS 8409
Training Thousands of Care-Takers, 5 pp.	
28 Oct 1960, p 1.	JPRS 8399
Fight Hard for November, 4 pp.	
30 Oct 1960, p 1.	JPRS 8400
Monthly Wage System Adopted in Pao-ti, 4 pp.	
31 Oct 1960, p 4.	JPRS 8399
On the Steel and Iron Front, 3 pp.	
1 Nov 1960, p 1.	JPRS 8414
Reserve Less; Distribute More, 4 pp.	
3 Nov 1960, p 1.	JPRS 8399
Iron Production in Shih-chia-chuang Jumps Up 56 Percent, 4 pp.	
Hopeh Steel Production Goes Higher and Higher Every Day, 5 pp.	
4 Nov 1960, p 2.	JPRS 8398
The "Four Goods" in Handling the Autumn Vegetable Crops, 4 pp.	
6 Nov 1960, p 2.	JPRS 8399
Let's Rush Delivery of Iron and Steel Making Materials, 4 pp.	

Far East
Economic (Contd)

Selected Articles From the Chinese
Newspaper Hopoh Jih-pao. (Contd)

8 Nov 1960, p 3.

JPRS 8249

Be a Good Housekeeper for the Masses,
by Chi Tung-ping, 6 pp.

9 Nov 1960, p 3.

JPRS 8294

Develop the Heritage of the Land Re-
form Team, by Cheng Li, 6 pp.

15 Nov 1960, p 3.

JPRS 8249

Fully Utilize Manpower, by Ma
Wen-hua, 4 pp.

25 Nov 1960, p 1.

JPRS 8311

Competition Among Iron Mills to Ac-
celerate Completion of Production Plans,
by Yang Yung-nien, Yang Ko, 3 pp.

26 Nov 1960, p 2.

JPRS 8311

Great Production Contest Being Waged
at Tang-shan Steel Mill, by Feng Tzu,
Chiu Tien, 6 pp.

28 Nov 1960, p 2.

JPRS 8310

New Coking Technology Pioneered by the
Yuan-shih Coking Plant, by Yang Tsun-mou,
Li Che-tang, Feng Shang-hsin, 5 pp.

29 Nov 1960, p 2.

JPRS 8310

Bottleneck-Busting Campaign Being Waged
by Tang-shan Steel Workers, by Ho Chen,
3 pp.

3 Dec 1960, p 2.

JPRS 8310

Blast Furnace Contest Waged by the Fu-yang
Iron Works, by Chih Chu-lin, Shou Ching,
Chih Ming, 3 pp.

Far East
Economic (Contd)

Selected Articles From the Chinese
Newspaper Hopoh Jih-pao. (Contd)

3 Dec 1960.

JPRS 8311

Production Expansion Continued at
Yuan-shih Iron Works, by Li Che-tang,
Yang Tsun-mou, 4 pp, (p 2).

A Visit to the Iron and Steel Front,
by Feng Chien-nan, 8 pp, (p 3).

Great Victory Along the Iron and Steel
Front Recorded by the Province in Novem-
ber, by Chen Hua-lin, 5 pp.
CHINESE, np, Ho-pei Jih-pao, 12 Nov 1960,
p 1.

JPRS 8227

Amoy Iron and Steel Industry Improves Out-
put and Quality, 3 pp.
CHINESE, np, Hsia-men Jih-pao, 6 Oct 1960,
p 1.

JPRS 8310

Amoy Suburbs Attend Vigorously to Field
Management of Late Rice Crop, 4 pp.
CHINESE, np, Hsia-men Jih-pao, 6 Oct 1960,
p 2.

JPRS 8310

Selected Articles From the Chinese
Periodical Hung Ch'i.

No 7, 1 Sep 1958.

JPRS 9181

The Dexterous Girls Movement, by
Nan Ts'ai-ying, 5 pp, (pp 30-32).

Marsh Gas Project in Fu-Yang Hsien,
by Fu-yang Hsien, 5 pp, (pp 33-35).

High Productivity in Low Grade Land,
by Ying-ch'eng Hsien, 5 pp, (pp 36-38).

Far East
Economic (Contd)

Selected Articles From the Chinese
Periodical, Hung Ch'i. (Contd)

No 9, 1 Oct 1958.

JPRS 9182

Demand Steel From Time, by Chang
Chiang-i, 6 pp, (pp 25-28).

Party Committee Secretaries Going
to the Front, All the People En-
gaged in Steel and Iron Production,
12 pp, (pp 33-37).

Mass Movement for Iron and Steel Pro-
duction by Chao Wen-pu, 9 pp,
(pp 16-20).

Selected Articles From the Chinese
Newspaper Jen-min Jih-pao.

26 Jan 1960, p 1.

JPRS 8399

Grasp the Key to Farm Management,
4 pp.

27 Nov 1960, p 7.

JPRS 8417

Fertile Soil in a Flight of Ten
Years, 5 pp.

The Tropical City of Yun-ching-hung,
by Huang Ch'ang-lu, 3 pp.

People of Shi-shuang-pan-na Build Up
the New Frontier, by Yeh Tsu-chien, 4 pp.

4 Dec 1960, p 2.

JPRS 8222

High Production in Shanghai Steel, 4 pp.

5 Dec 1960.

Floods in Liao-Chia T'un, Shantung, (p 2).

JPRS 8211

Establish and Strengthen the Network to
Repair Agricultural Machinery, by
Chia Yun-lung, 4 pp, (p 3).

JPRS 8222

Far East
Economic (Contd)

Selected Articles From the Chinese
Newspaper Jen-min Jih-pao. (Contd)

7 Dec 1960, p 3.

JPRS 8222

Steel Production in An-shan, Tientsin,
T'ang-shan and Shih-ching-shan, 4 pp.

8 Dec 1960, p 4.

JPRS 8222

Improve Transportation in the Fields to
Save Labor Power, by Ch'iu Hsien-chung,
4 pp.

6 Jan 1961, p 1.

JPRS 8249

The Importance of Stocking Up of Fertilizer
During the Winter, 4 pp.

11 Jan 1961, p 2.

JPRS 8227

Persist in Penetrating First Line of
Production, 6 pp.

12 Jan 1961.

Rural Communes Should Consummate the Work
of Fixed Quota Administration, 7 pp,
(p 1).

JPRS 8220

Accumulation of More Superior Fertilizers
Is Key to Higher Production in 1961,
6 pp, (p 2).

JPRS 8227

Importance of "Figures" for Agricultural
Production Leadership, by Ma Pao-fa,
9 pp, (p 7).

JPRS 8220

13 Jan 1961, p 2.

JPRS 8227

Develop Local Coal and Charcoal Industry
by Key Reform and Overall Enhancement,
by Liu Tien-fu, 4 pp.

18 Jan 1961, p 7.

JPRS 8364

Develop Market Trading, Activate Rural
Economy, by Sung Lin, 6 pp.

Far East
Economic (Contd)

Selected Articles From the Chinese
Newspaper Jen-min Jih-pao. (Contd)

20 Jan 1961.

Proper Financial Management Is an
Important Link in Strengthening Com-
mune Construction, 5 pp, (p 1).

JPRS 8364

Firm Steps Taken In Agriculture,
by Pai Yeh, 4 pp, (p 7).

JPRS 8344

Report on Investigation of Agri-
cultural Production Increase in
Hua Hsien, 8 pp, (p 7).

JPRS 8344

26 Jan 1961, p 3.

JPRS 8398

T'ai-yuan Factory Finds Way to Main-
tain Farm Power Plants and to Mani-
fest Their Maximum Efficiency, 3 pp.

2 Feb 1961, p 1.

JPRS 8344

On Taking a Realistic Approach Toward
Agricultural Production, 4 pp.

8 Feb 1961.

JPRS 8227

Develop Agricultural Production
According to Local Expediency, 6 pp,
(p 2).

Shanghai Electric Motor Industry
Visits Consumers to Raise Quality,
4 pp, (p 3).

11 Feb 1961.

JPRS 8345

Grouping of Machinery First and Prin-
cipal Machinery Next, 4 pp, (p 1).

Mass Financial Accounting Marks a New
Development in the Production Increase
and Economy Movement, by Li Ch'eng-jui,
Tso Ch'un-t'ai, 10 pp, (p 7).

Far East
Economic (Contd)

Selected Articles From the Chinese
Newspaper Jen-min Jih-pao. (Contd)

26 Feb 1961, p 1.

JPRS 8399

Do a Better Job in Rape Planting,
5 pp.

27 Feb 1961, p 2.

JPRS 8311

Increased Output of Chemical Fertilizers,
Insecticides in Canton, Nanking
and Chunking, 4 pp.

2 Mar 1961, p 1.

Sound Preparatory Work Is a Determining
Factor in the Expansion of Coal
Output, 3 pp.

JPRS 8399

Spring Planting Substantial Progress,
4 pp.

JPRS 8398

3 Mar 1961.

JPRS 8398

Spring Sowing and Drought Fighting in
Kwangsi, Ninghsia, Shensi, Shantung,
6 pp, (p 1).

Problem of Seed Shortage Solved in a
Production Brigade in Hunan, 4 pp,
(p 3).

10 Mar 1961, p 2.

JPRS 8413

Prepare for the Worst, Work for the
Best, 4 pp.

11 Mar 1961, p 7.

JPRS 8413

Production of Daily Necessities, by
Teng Chi, 10 pp.

**Far East
Economic (Contd)**

**Selected Articles From the Chinese
Newspaper Jen-min Jih-pao. (Contd)**

13 Mar 1961, p 1.

Successful Experience of the
State-Managed Business in Guiding
Country Fair Trade, 4 pp.

JPRS 8399

Running the Train According to
Time Tables, 3 pp.

JPRS 8414

Liaoning, Kirin and Heilungshiang
Are Preparing for Spring Sowing,
4 pp.

JPRS 8398

Far East
Economic (Contd)

Selected Articles From the Chinese
Newspaper Kansu Jih-pao.

6 Jun 1960, p 2.

JPRS 8399

"Dragons" Increase Speed of Operations,
3 pp.

8 Jun 1960, p 2.

JPRS 8399

Comprehensive Utilization and
Variety in Enterprises, 7 pp.

9 Jun 1960, p 1.

JPRS 8399

Municipal Commune Industries Must
Concentrate on Comprehensive
Utilization, 5 pp.

18 Jun 1960, p 1.

JPRS 8413

Wide and Thorough Implementation of
Aims to Develop Production and Ensure
Supplies, 6 pp.

24 Jun 1960, p 2.

JPRS 8413

Open Up the Technical Revolution to
Speed Entry Into Third Season, 4 pp.

27 Jun 1960, p 2.

JPRS 8399

Increase Iron Production - Help Liberate
Taiwan, 4 pp.

11 Aug 1960, p 2.

JPRS 8408

Yumen Petroleum Administrative Bureau
Improves Enterprise Management, 4 pp.

12 Aug 1960, p 1.

JPRS 8400

Develop Communal Production and Improve
All Aspects of the Life of the Masses,
4 pp.

Far East
Economic (Contd)

Selected Articles From the Chinese
Newspaper, Kansu Jih-pao. (Contd)

20 Aug 1960, p 1.

JPRS 8408

The Rapid Solution of the Manpower
Problem Is the Key to Ensuring Food
Production, 4 pp.

28 Aug 1960, p 3.

JPRS 8400

Practice "Three Combinations," and
Promote Educational Revolution, 3 pp.

23 Sep 1960, p 3.

JPRS 8426

Mass Scientific Research Movement in
the Yu-men Petroleum Control Bureau Oil
Refinery, by Shih Wan-sui, 4 pp.

5 Oct 1960, p 2.

JPRS 8427

The Ch'ing-Yang-Lu Commune Successfully
Organizes People's Economic and Cultural
Life, Centering on Production, 3 pp.

Lanchow's Urban Communalization, by
Sun Chiu-te, 3 pp.

Selected Articles From the Chinese
Periodical K'o-hsueh Hsin-wen.

JPRS 7903

No 19, 11 Oct 1958, pp 465-468.

Domestic News, 15 pp.

No 20, 26 Oct 1958, pp 489-492.

Domestic News, 12 pp.

No 22, 26 Nov 1958, pp 537-540.

Domestic News, 12 pp.

No 23, 11 Dec 1958, pp 561-564.

Domestic News, 14 pp.

No 24, 26 Dec 1958, pp 585-588.

Domestic News, 13 pp.

No 5, 11 Mar 1959, pp 22, 23.

Domestic News, 7 pp.

Far East
Economic (Contd)

Let the Management of Soil, Fertilizers,
and Water Serve to Expand Agriculture,
Augment Food Production, by Hsi Ch'eng-fan,
(NY-6557).

CHINESE, per, K'o-hsueh T'ung-pao, No 2,
1961, pp 2-6.

*JPRS

Evaluation of Arable Soil Resources in
Kiangsu Province and Ways to Facilitate
a Balanced Increase in Productivity,
by Lei Wen-chin, et al, (NY-6557).

CHINESE, per, K'o-hsueh T'ung-pao, No 3,
1961, pp 7-11.

*JPRS

Reticulated Rivers and the Practice of
Draining Paddy Fields Are the Principal
Means of Ameliorating the Saline Soil
of the North China Plain, by Wang Chun-ch'in,
et al, (NY-6557).

CHINESE, per, K'o-hsueh T'ung-pao, No 4,
1961, pp 11-16.

*JPRS

Selected Articles From the Chinese
Newspaper Kuang-ming Jih-pao.

4 Dec 1960, p 2.

JPRS 4646

Meteorological Departments Aid Agricul-
ture, 3 pp.

11 Dec 1960, p 1.

JPRS 8222

Educational Work Must Set up Agriculture
as the Foundation Concept, and Support
Agricultural Production, by Wu Ta-yu, 7 pp.

19 Dec 1960, p 3.

JPRS 8222

On Economizing on Labor Power, by
Lin Yen, 6 pp.

22 Dec 1960, p 2.

JPRS 8222

Basic Experience in Organizing Agricul-
tural Technical Inspection to Promote
Agricultural Production, by Chin Shan-pao,
8 pp.

Far East
Economic (Contd)

Selected Articles From the Chinese
Newspaper Kuang-ming Jih-pao. (Contd)

24 Jan 1961, p 3,

JPRS 9089

Natural Science Workers Should Work
for Agriculture.

30 Jan 1961, p 3.

JPRS 8429

Multiple Management and Comprehensive
Utilization, by Li Yueh, 7 pp.

24 Feb 1961, p 2.

JPRS 9393

Develop Biological Science by Supporting
Agriculture, 8 pp.

Scientific Research in Animal Husbandry,
by Hsu Chi, 11 pp.

10 Mar 1961, p 3.

JPRS 8398

The Spring Hightide in Agricultural Pro-
duction Is Now Here, 9 pp.

13 Mar 1961, p 4.

JPRS 8399

The System of Three-Level Ownership in
the People's Communes With the Production
Brigade as Foundation, 11 pp.

Selected Articles From the Chinese News-
paper Kung-jen Jih-pao.

24 Dec 1960, p 2.

JPRS 8427

Experiences in Organizing "Seven Good"
Contents, 3 pp.

28 Dec 1960, p 1.

JPRS 8427

Prepare for Increase in Coal Output
Next Year, 4 pp.

31 Dec 1960, p 2.

JPRS 8427

With Full Confidence Greet Another Year, 3 pp.

Far East
Economic (Contd)

Selected Articles From the Chinese
Newspaper Kung-jen Jih-pao. (Contd)

5 Jan 1961, p 2.

JPRS 8227

Greater-Production and Economy Movement Continues to March Forward, by Yang Chih-lin, 6 pp.

14 Jan 1961, p 1.

JPRS 8227

Coal Mine Administration in Anhwei, 5 pp.

17 Jan 1961, p 3.

JPRS 8427

History of the Yu-men Oil-Wells, 3 pp.

24 Jan 1961, p 2.

JPRS 8227

Transporting Coal As the Principal Commodity and Speedily Transporting More Coal, 6 pp.

25 Jan 1961, p 1.

JPRS 8227

Each Field Carries Out "Guaranteed to Live", 4 pp.

27 Jan 1961, p 1.

JPRS 8417

Sports Activities Closely Linked With Production Started by the Meat Packers Factory of the Shanghai Municipal Food Company, 5 pp.

27 Jan 1961, p 2.

JPRS 8416

Fou-hsin Power Plant Red Flag Youth Team Safely Generates Electricity for Ten Years, 4 pp.

28 Jan 1961, p 3.

JPRS 8415

Earnestly Implement the Principle of Equal Price Exchange, by I Ch'ien, 4 pp.

Far East
Economic (Contd)

Selected Articles From the Chinese
Newspaper Kung-jen Jih-pao. (Contd)

8 Feb 1961, pp 1, 2.

JPRS 8400

Organizing Labor to Increase Coal
Production, 4 pp.

Economy in Use of Coal, 3 pp.

10 Feb 1961, p 2.

JPRS 8227

Liu Chiu-hsueh Coal Mining Team
Popularizes Advanced Experiences,
4 pp.

12 Feb 1961, pp 1, 3.

Production of Timber for Coal Pits
Raised in Many Forest Areas, 4 pp.

JPRS 8227

Fully Develop the Fundamental Role
of the Production Brigade, 7 pp.

JPRS 8220

24 Feb 1961, p 1.

JPRS 8311

Shangli Coal Mine in Fushun Over-
fulfilled Targets Every Month Since
October 1960, 5 pp.

26 Feb 1961, p 2.

JPRS 8227

Workers Seek Supply Sources, Advanced
Methods, and Solution of Key Problems,
5 pp.

28 Feb 1961, p 2.

JPRS 8227

Strengthen Investigation and Research,
Promote Technological Revolution, 8 pp.

**Far East
Economic (Contd)**

**Records System and the Method of
Experimentation for the Peoples
Communes, 59 pp.**

**CHINESE, per, Nung-yeh K'o-hsueh
T'ung-hsueh, No 6, 7, 8; 21 Mar,
6 Apr, 21 Apr 1959.**

JPRS 9450

**Selected Articles From the Chinese
Newspaper Ta-kung Pao.**

26 Nov 1960, p 2.

JPRS 8415

**The Advantages of Food Processing
and Supply Stations Are Many, by
Lu Ch'i-szu, 5 pp.**

**Food Processing Stations Are Warmly
Welcomed in Harbin, 3 pp.**

27 Nov 1960, pp 2, 3.

**Strengthen the Rural Purchasing and
Marketing Stations and Aid the Front
Line of Production, 4 pp.**

JPRS 8415

**A Huge Change in a Remote Mountain
Village, 10 pp.**

JPRS 8418

28 Nov 1960, pp 1, 3.

JPRS 8429

**The Northern Provinces Improve Their
Methods for the Purchase and Trans-
portation of Sugar Beets, 3 pp.**

**Carry Through the Movement for Gathering
Raw Materials, by Liu Tzu-chien, 4 pp.**

29 Nov 1960, p 3.

JPRS 8429

**Mass Participation in Accounting
and Economic Analysis, 11 pp.**

**Szechwan's Light Industry Aids Agricul-
ture in Many Ways, 4 pp.**

Far East
Economic (Contd)

Selected Articles From the Chinese
Newspaper Ta-kung Pao. (Contd)

30 Nov 1960, pp 1, 2.

JPRS 8429

The Rate of Rice Production Constantly
Raised in Chekiang, by Wu-tze Lung, 4 pp.

Management According to Quota, Mass
Accounting and Analysis Combined to
Increase Efficiently and Reduce Waste,
5 pp.

11 Dec 1960, pp 1, 2.

JPRS 8277

Seizing Financial Work in Rural People's
Communes is the Immediate Task of Finance
Departments, 5 pp.

Why Was P'ing-shun Hsien Able to Com-
plete the Financial Collection Task for
the Whole Year Ahead of Schedule, 9 pp.

12 Dec 1960, p 2.

JPRS 8277

Red Flag Dining-Hall Administrative
District, 4 pp.

13 Dec 1960, pp 2, 3.

JPRS 8277

How Should We Properly Store Food for
Winter, 4 pp.

Quality Raised and Variety Increased
in Light Industrial Products of Shanghai,
4 pp.

17 Dec 1960, p 1.

JPRS 8311

Current Work of Light Industries, 4 pp.

18 Dec 1960, pp 1, 2, 3.

Transport Agricultural Products During
Leisurely Winter, 3 pp.

JPRS 8298

Chekiang Starting and Expanding Movement
for Stripping and Processing Skin of Cotton
Stalk, 3 pp.

JPRS 8310

Implement Policies and Perfect Systems,
Thereby Strengthening Financial Management
of Production Brigade, by Tung-li Yu, 9 pp.

JPRS 8311

Far East
Economic (Contd)

Selected Articles From the Chinese
Newspaper Ta-kung Pao. (Contd)

19 Dec 1960, p 1, 3.

Grasp the Chance to Develop the Late
Fall Harvest Movement, 4 pp.

JPRS 8310

Strengthen Assembly and Repair of
Agricultural Machinery to Guarantee
the Needs of Spring Sowing, 4 pp.

JPRS 8311

Hunan Increases Varieties of Mer-
chandise and Raises Their Quality
and Quantity, 4 pp.

JPRS 8310

20 Dec 1960, p 3.

JPRS 8310

To Do a Good Job of Distribution of
Fall Harvest in Rural Communes, 7 pp.

Organize Plant and Mine Transportation
to Meet the Production Needs, 4 pp.

21 Dec 1960, p 1.

JPRS 8310

Transport of Food, 4 pp.

23 Dec 1960, pp 1, 2, 3.

JPRS 8310

Carry on Collection and Purchase of
Cotton, 4 pp.

Movement to Develop More Emphatically
Saving and Increased Production in Financial
and Commercial Departments, by Wang Shuan,
5 pp.

Fighting on the Material Front, 4 pp.

1 Jan 1961, p 3.

JPRS 8427

Continue the Economic Struggle, 3 pp.

3 Jan 1961, p 2.

JPRS 8427

Improved Management of Urban Communal
Dining Halls, by Lu Chi-en, 5 pp.

Far East
Economic (Contd)

Selected Articles From the Chinese
Newspaper Ta-Kung Pao. (Contd)

7 Jan 1961, p 3.

JPRS 8427

Stationing Personnel Among Work
Brigades to Improve Rural Finance
and Trade, by Wang Chin, 7 pp.

8 Jan 1961, pp 2, 3.

JPRS 8414

Cotton Collection and Purchasing,
5 pp.

Preparations to Increase the Production
of Sea Salt, 3 pp.

9 Jan 1961, pp 1, 2, 3.

Shanghai Suburbs Improve Production
of Vegetables, 5 pp.

JPRS 8398

Half a Year's Living Necessities Arranged
for Commune in Shansi, 3 pp.

JPRS 8414

Factories Strengthen Maintenance and
Repair of Machinery, 4 pp.

JPRS 8413

10 Jan 1961, p 2.

Commune in Hupeh Makes Definite
Arrangements of Winter Living Needs, 3 pp.

JPRS 8399

Swatow Develops Vegetable Bases, 6 pp.

JPRS 8398

11 Jan 1961, pp 1, 3.

Chungking Cadres Help Production
Brigades in Final Accounting and
Distribution, 4 pp.

JPRS 8414

Production of Small Commodities in
Harbin, Shansi and Shanghai, 6 pp.

JPRS 8413

Hangchow Inks and Paints Works Persists
in Good Quality and High Output, 4 pp.

JPRS 8413

**Far East
Economic (Contd)**

**Selected Articles From the Chinese
Newspaper Ta-kung Pao. (Contd)**

12 Jan 1961, p 1.

JPRS 8398

Anhui Prepares Production Materials for
Spring Sowing Needs, 4 pp.

13 Jan 1961, p 3.

JPRS 8414

Development of Rural Markets, 6 pp.

14 Jan 1961, p 2.

JPRS 8398

Consolidate Achievements, Do a Better
Job in Vegetable Work, 5 pp.

Among Vegetable Output, 9 pp.

16 Jan 1961, p 1.

JPRS 8413

Repair Work Actively Promoted by
Liao-ning Light Industry Department,
3 pp.

19 Jan 1961, p 3.

JPRS 8413

Cotton Mills and Metal Works Show New
Progresses, 5 pp.

20 Jan 1961, p 3.

JPRS 8400

Discussion on Control of Industrial
Cost, by Li Hei, 4 pp.

21 Jan 1961, p 2.

A Report on the Survey of the Nan-ma-chi
Market-Town Trade in Prosperous I-yuan
Hsien, Shantung Province, 8 pp.

JPRS 8414

Industrial and Communication Units in
the City of Chiang-men, Launch a
"4-Planting" and "6-Raising" Mass
Movement, 4 pp.

JPRS 8413

Far East
Economic (Contd)

Selected Articles From the Chinese
Newspaper Ta-kung Pao. (Contd)

23 Jan 1961, p 1.

JPRS 8398

Nan-ch'uan Hsien's Food Production Increase, 7 pp.

From the Harvest and Transportation of Sugar Cane to Sugar Production Increase, 3 pp.

What Does Nan-ch'uan Hsien's Experience Tell Us, 5 pp.

25 Jan 1961, p 3.

JPRS 8414

Development of Auxiliary Production Enterprises, 9 pp.

27 Jan 1961, p 1, 2.

JPRS 8310

To Improve the Work on Chinese Herb Drugs, 3 pp.

Supply of Agriculture Production Materials and Equipment, 5 pp.

The Production, Purchasing and Selling of Small Rural Products, 3 pp.

2 Feb 1961, p 3.

JPRS 8345

On the Relationship Between Agriculture and Heavy Industry, by Liu Er-sing, 9 pp.

3 Feb 1961, p 2.

JPRS 8345

The Power of People's Communes, by Hwang Yu, 3 pp.

9 Feb 1961, p 1, 2, 3.

JPRS 8298

Plans for Spring Vegetable Production, 4 pp.

Increase Production of Rice, Cotton, and Oil, 3 pp.

**Far East
Economic (Contd)**

**Selected Articles From the Chinese
Newspaper Ta-kung Pao. (Contd)**

9 Feb 1961, p 1, 2, 3.	JPRS 8298
Experimentation Is a Good Method of Investigation and Study, 6 pp.	
12 Feb 1961, p 3.	JPRS 8415
All-Out Arrangement, Different Level Control, by Teng Chieh, 6 pp.	
20 Feb 1961, p 1.	JPRS 8413
Commodity Circulation in Shansi, 4 pp.	
22 Feb 1961, p 1.	
Continued to Improve the Use of Mass-Economics Accounting in Government-Operated Enterprises, 4 pp.	JPRS 8416
26 Feb 1961, p 1.	JPRS 8310
Give Foremost Priority to Repair and Maintenance, 3 pp.	
Direction and Work of Transportation of This Year Has Been Decided, 4 pp.	
27 Feb 1961, p 1.	JPRS 8398
Measures to Aid Spring Sowing in Heilungkiang and Honan, 4 pp.	
28 Feb 1961, pp 2, 3.	
Augment Funds for Agricultural Production, 4 pp.	JPRS 8399
Repair and Service Works, 6 pp.	JPRS 8400

Far East
Economic (Contd)

Selected Articles From the Chinese
Newspaper Ta-kung Pao. (Contd)

5 Mar 1961, p 2.

JPRS 8413

Commercial and Financial Centres In-
stalled by Production Brigades and
Teams, 3 pp.

6 Mar 1961, p 3.

JPRS 8298

Reinforce Economic Work of State-
Managed Business in Country Fair Trade,
by Chen Hsing, 7 pp.

13 Mar 1961, p 3.

JPRS 8414

Development of Country Fair Trade, by
Kuan Tai-tung, 4 pp.

Some Comments on the Nature of Country
Fair Trade, by An Ping, 4 pp.

Restatement of the Speeches of Re-
sponsible Cadres on Country Fair Trade,
4 pp.

Technical Renovation and Technical Revolu-
tion in Telecommunications [Vice Minister
of Posts and Telecommunications Shen Kuang's
Speech], by Shen Kuang, (NY-6539).
CHINESE, per, Tein-hsin Ch'i-shu T'ung-
hsun, No 24, 1959, pp 2-8.

*JPRS

Selected Articles From the Chinese
Newspaper Tibet Jih-pao.

1 Oct 1960, p 4.

JPRS 8416

The Party Leads the People in Attain-
ing an Unprecedented Bumper Harvest,
6 pp.

Far East
Economic (Contd)

Selected Articles From the Chinese
Newspaper Tibet Jih-pao.

11 Oct 1960, p 1.

JPRS 8416

Listen to the Party, Hold Fast to
Natural Laws, by Chang Ch'un-sheng,
4 pp.

Ka-erh-mu Automobile Repair Plant
Manufactures Its Own Parts, by
Hsieh Hsien-wei, Chang Han, 3 pp.

29 Oct 1960, p 1, 2.

JPRS 8415

Temporary Measures for the Planned
Collection and Supply of Foodstuffs
and Oil for 1960 in the Region of
Tibet, 4 pp.

The Practical Details of Temporary
Measures for Ration Supply in Cities
and Towns of Tibet, 8 pp.

16 Nov 1960, p 2.

JPRS 8416

Contribution of Power for the Pro-
tection and Construction of Democracy
and Socialism in the New Tibet, by
Teng Shao-tung, 4 pp.

Arouse the Masses for Writing Histories
of Factories and Communes, 12 pp.
CHINESE, per, Wen-hsueh P'ing-lun, No 4,
25 Sep 1960, pp 57-64.

JPRS 8311

Assistance Given to Tobacco Growers in
the Vietnamese Democratic Republic, by
J. Balcar.

CZECH, per, Prumysl Potravin, Vol VII,
No 5, 1959, pp 258-265.

CSIRO Tr 5046

Preah Norodom Sihanouk First Five-Year
Plan of the Kingdom of Cambodia, 1960-
1964, 223 pp.

FRENCH, document, Royaume du Cambodge;
Premier Plan Quinquennal "Preah Norodom
Sihanouk" 1960-1964, Feb 1960, pp 1-136.

JPRS 7849

Far East
Economic (Contd)

Information on the Shanghai Naval Shipyard, by Regis Bergeron, (DC-6104).
FRENCH, per, Cahiers Franco-Chinois,
No 9, Mar 1961, pp 11-16.

*JPRS

Foreign Trade Arbitral Jurisdiction
in the People's Republic of China, by
Harry Fellhauer, (DC-6133).
GERMAN, per, Supplement to Der Aussen-
handel, Recht Im Aussenhandel (Beilage
zur Zeitschrift Der Aussenhandel No 12/60),
No 6, 1960, pp 7-8.

*JPRS

Railway Transport in the Korean People's
Democratic Republic, by Palvolgyi
Istvan, 5 pp.
HUNGARIAN, per, Kozlekedestudományi Szemle,
Feb 1961, pp 90-92.

ACSI H-9300
ID 2170450

Land Reform and Industrialization, by
Asmu.
INDONESIAN, np, Harian Rakjat, 8 Dec 1960,
p 3.

JPRS 8223

Shipping and Its Role in the Distribution
of Food and Clothing, by J. Lisapali.
INDONESIAN, per, Mimbar Indonesia, Vol XIV,
No 43, 22 Oct 1960, pp 12, 13, 29.

JPRS 8233

History of the Indonesian Sugar Industry
Before and After World War II and Its
Relationship to the Smallholders Sugar
Industry, by Soekardje Sastrodihardjo.
INDONESIAN, per, Pertanian, Vol XI, No 4/5
1960, pp 118-160.

JPRS 8233

Geology in Indonesia, by M. N. Purbohadi-
widjojo.
INDONESIAN, per, Siasat, Vol XIV, No 698,
16 Nov 1960, pp 12-15.

JPRS 8233

Mechanization and Modernization of Sailing
Proas in Indonesia, by Rento Pratjojo.
INDONESIAN, per, Suluh Nautika, Vol X,
No 7/8, Jul/Aug 1960, pp 196-199.

JPRS 8233

Far East
Economic (Contd)

The Makassar Dockyard Project, by Masduki.

INDONESIAN, per, Suluh Nautika, Vol X, No 7/8, Jul/Aug 1960, pp 200-202.

JPRS 8233

Legal Aspects of Merchant Marine Navigation, by M. Husseyn Umar.

INDONESIAN, per, Suluh Nautika, Vol X, No 7/8, Jul/Aug 1960, pp 203-205, 229.

JPRS 8233

The Sea in Developing National Resources.

INDONESIAN, per, Warta Ekonomi, Vol XIII, No 35/36/37, 10 Sep 1960, pp 616, 617.

JPRS 8392

Bill for the Agricultural Basic Law Proposed by the Socialist Party, 9 pp.

JAPANESE, Encl 1 to Agr Desp 66, AmEmbassy, Tokyo, 17 Apr 1961.

USDA

Measures to Increase China's Agricultural Production in 1961, by Asakawa Kenji, 11 pp.

JAPANESE, per, Ajia Keizai Jumbo, No 461, 11 Mar 1961, pp 1-10.

JPRS 9229

Diversified Management and Combination of Enterprises in Communist China, by Fukushima Yutaka, (DC-6103).

JAPANESE, per, Ajia Keizai Jumbo, No 462, 21 Mar 1961, pp 1-10.

*JPRS

Four Reforms in Agriculture: Mechanization, Chemicalization, Water Conservation and Electrification in Communist China's Agriculture, by Asakawa Kenji, 97 pp.

JAPANESE, per, Chugoku Kenkyu Geppo, No 154, 30 Jan 1961, pp 1-34.

JPRS 9209

Emergency Import of Food and Agricultural Problems in Communist China, (DC-6129).

JAPANESE, per, ECAFE Tsushin, No 263, 1 May 1961, pp 1-21.

*JPRS

Looking at Tomorrow's Methods of Steel Manufacture. General Description of the Direct Method Production of NF Type Steel, by S. Nakashima, T. Nakajima.

JAPANESE, per, Kinzoku, Vol XXX, No 5, 1960, pp 28-32.

*BISZ 2250

Far East
Economic (Contd)

Fishery Development Plan of Kamchatka A
Research Aid.

JAPANESE, per, Suisankai, Jan 1961.
9661565.

500th MIG

Korean Labor Party's Policy on the
Development of Foreign Trade, by Chong
Hyong-yop, (NY-6573).

KOREAN, monograph, Taeoe Muyok Palchomul
Wihan Uri Tangui Chongch'aek, 1959, 83 pp.

Selected Articles From the Korean Newspaper
Nodong Sinmun.

16 Aug 1960, p 2.

JPRS 7823

Let Us Progress in Agriculture and In-
dustry by Continued Implementation of
the Chongsanni Method, by Kim Kwang-bin,
Chong Yong-son, 20 pp.

13 Jan 1961, p 2.

JPRS 7823

Reaching the First Plateau of the
Seven-Year Plan and Establishing Spirit
of the Capital of the Revolution,
P'yongyang, by Bong P'il-yun, Yi Tong-gun,
16 pp.

14 Jan 1961, p 2.

JPRS 7823

Continual Application of the Congsan'si
Method and A New Turn in Increased Pro-
duction of Grain and Production of Con-
sumer Goods, by Yi Kol'mo, Ch'oe Ik'hyon,
16 pp.

15 Jan 1961, p 2.

JPRS 7823

Let Us Produce a Million Tons of Grains
by Completing Mechanization of the Rural
Economy and Adopting Advanced Agricultural
Methods, by Han Chang-ho, Chon Yong, 15 pp.

Far East
Economic (Contd)

Selected Articles From the Korean
Newspaper Nodong Simun. (Contd)

17 Jan 1961, p 2.

JPRS 7823

Let Us Bring About a Change In Agriculture and Fishing Industry by Brilliantly Fulfilling the First Task of the Seven-Year Plan, by Han Ku'yong, Kim Pyong'nin, 15 pp.

Statistics and Data Pertaining to Capital Construction, by D. Badarch, (DC-6101).
MONGOLIAN, per, Eduyn Dzasag, Erhiyn Asyydal, No 1, 1961, pp 52-63.

*JPRS

Financing Capital Investment, by B. Dashbaikir, 6 pp.
MONGOLIAN, np, Unen, 23 Mar 1961, p 3.

JPRS 9251

Distribution of [Financial] Accumulations of State Enterprises in China, by N. Obolenskiy, (SF-1897).
RUSSIAN, per, Finansy SSSR, No 4, 1961, pp 70-76.

*JPRS

Reorganization of the Administration of the National Economy in the Democratic People's Republic of Korea, by L. M. Gudoshnikov, 7 pp.
RUSSIAN, per, Sovet Gosud i Pravo, No 3, 1961, pp 73-77.

JPRS 4648

T'ang-shan Institute of Coal Research, by Hou Pao-cheng, 4 pp.
RUSSIAN, per, Ugol', No 10, 1959, pp 42-44.

JPRS 9332

Achievements in Agricultural Production by North Vietnam During Fifteen Years, (DC-6096).
VIETNAMESE, monograph, Thanh-tich San-Xuat Nong-nghiep Trong 15 Nam Duoi Che-do Vietnam Dan-chu Cong-hoa, 1960, 92 pp.

*JPRS

Far East
Economic (Contd)

Selected Articles From the Vietnamese
Newspaper Nhan Dan.

15 Oct 1960, p 3.	JPRS 4650
Push the Improvement of Techno- Economic and Technical Standards, by Le Thanh Nghi, 6 pp.	
1 Nov 1960, p 3.	JPRS 8247
Description of Haithong Cement Plant, by Anh Vu, Vu Tuan Kinh, 5 pp.	
4 Nov 1960, p 1, 2.	JPRS 8247
Increase Planted Acreage, 4 pp.	
9 Nov 1960, p 3.	JPRS 4650
The Ceaseless Advance of Agricultural Development and Rural Construction, by Tran Huu Duc, 5 pp.	
14 Dec 1960, p 3.	JPRS 8297
Planting and Livestock Breeding Surge Ahead Together, by Phan Van Chieu.	
10 Jan 1961, p 3.	JPRS 8423
New Responsibilities and Potentialities in Industrial Production in 1961, by Chi Cong, 5 pp.	
14 Jan 1961, pp 1, 2.	JPRS 8402
Truong Chinh Speaks At Agricultural Cooperativization Conference, 6 pp.	
18 Jan 1961, p 3.	JPRS 8402
New Responsibilities and Directions of the Heavy Industry Sector, 4 pp.	

Far East
Economic (Contd)

Selected Articles From the Vietnamese
Newspaper Nhan Dan. (Contd)

20 Jan 1961, p 3.

JPRS 8402

Light Industry Under the 1961 State
Plan, by Kha Vang Can, 4 pp.

21 Jan 1961, p 3.

JPRS 8402

How Hai Ninh Province Succeeded
in Leading the Peasants in Grain Pro-
curement, by P. V., 4 pp.

24 Jan 1961, p 1, 2.

JPRS 8423

Inauguration of All North Vietnam In-
dustry Conference, 4 pp.

26 Jan 1961, p 3.

JPRS 8423

Le Thanh Nghi's Report on Production
Rationalization and Technical Improve-
ment Drive, by Le Thanh Nghi, 10 pp.

29 Jan 1961, p 3.

JPRS 8402

Development of Communication and Trans-
portation Systems, by Nguyen Huu Mai,
5 pp.

1 Feb 1961, pp 3, 4.

JPRS 8297

New School of Economics and Finance,
by Hoang Minh.

Remarkable Achievements by the Mountain
Area in the Three-Year-Plan, by Van
Khuyen.

2 Feb 1961, p 4.

JPRS 8297

Problems to Concentrate Upon to Insure
Satisfactory Implementation of the
Military Service Law, by Nguyen Dien.

Far East
Economic (Contd)

Selected Articles From the Vietnamese
Newspaper Nhan Dan. (Contd)

4 Feb 1961, p 3.

JPRS 8297

A Thrilling Water Conservation Project,
by Vu Cong Hoan.

11 Feb 1961, p 3.

JPRS 8297

Hai-Duong Is Striving to Complete
Its 1961 Irrigation Plan During the
First Six Months, by Van Quyen.

15 Feb 1961, p 4.

JPRS 8402

On the Steel and Iron Land, by
Chinh Yen, 5 pp.

Rice Planting Techniques in North Vietnam,
by Luong Dinh Cua, (DC-6105).

VIETNAMESE, per, Nong Nghiep, No 33,
9 Mar 1961, p 4.

*JPRS

Regulations on the Use of Electricity
in Hanoi, 3 pp.

VIETNAMESE, np, Thoi Moi, No 2440,
2 Nov 1960, p 2.

JPRS 8247

The Ministry of Light Industry and the
Communication Sector Overfulfilled the
Three-Year Plan, 4 pp.

VIETNAMESE, np, Thoi Moi, No 2485,
24 Dec 1960, pp 1, 2.

JPRS 8402

Selected Articles From the Vietnamese
Periodical Thoi Su Pho Thong, No 20, 1960.

JPRS 8243

The Critical Nature of Food Supply Pro-
duction at the Present Time, by
Dao Hong Van, 4 pp, (pp 11-15).

We Must Guarantee the Proper Distribution
of Food Crops for the 1960 Winter-Spring
Season, by Le Van Hao, Vu Luan, 4 pp,
(pp 16-20).

How Can the Average Level of Production
Be Raised, by Tran Huu Giao, 4 pp,
(pp 21-25).

Far East
Political

Selected Articles From the Chinese
Periodical Chung-kuo Ch'ing-nien.

No 22, 16 Nov 1960, pp 27-29.

JPRS 8418

Speaking From Playing With Goods
and Losing Will, by Kan Feng, 8 pp.

JPRS 8293

No 23, 1 Dec 1960.

Implementation of Party Policies Is
Key to Good Work, by Ti Hsiang-tung,
9 pp. (pp 13-15).

Victory of Hsai-hai Campaign Is a
Victory of Mao Tse-tung's Thoughts,
by Ch'en Shih-chu, 23 pp. (16-22.)

Share Experiences With Young Comrades,
by Wu Ch'ing-yu, 5 pp. (pp 25, 26.)

Why Do We Still Have to Struggle
Hard, 4 pp. (pp 26, 27.)

JPRS 8410

No 24, 16 Dec 1960.

Our Policies and Styles, by Cheng
Chih, 12 pp. (pp 5-8.)

From a Democrat to a Communist,
by Yang Hsiu, 10 pp. (pp 8, 23-25.)

Policies and Duties Make Up a
Unity of Opposites, by Chien T'so,
4 pp. (pp 11, 12.)

Resolutely Follow the Path to the
Laborization of the Intellectuals,
by Yen Tzu-yuan, 11 pp. (pp 26-29.)

JPRS 8408

No 1, 1 Jan 1961.

Victory of Peiping-Tientsin Battle,
18 pp. (pp 15-19.)

Far East
Political (Contd)

Selected Articles From the Chinese
Periodical Chung-kuo Ch'ing-nien. (Contd)

No 1, 1 Jan 1961.

JPRS 8408

How I Studied Ideology, 13 pp. (pp 24-27).

No 2, 16 Jan 1961.

JPRS 8408

Revolutionaries Are Full of Faith and
Fighting Spirit, by Cheng Chih, 9 pp.
(pp 2-5.)

Problems Concerning Physical Labor,
by Sung Shu-jen, 22 pp. (pp 7-12.)

How Must We Understand the Phrase
"Recall the Past in the Name of
Revolution," by Liang Sheng, 4 pp.
(p 31.)

Be Concerned with the Livelihood of the
Masses, Consult the Masses When Events
Occur, 7 pp.

CHINESE, per, Chung-kuo Fu-nu, No 2,
1 Feb 1961, pp 3, 4.

JPRS 8409

Commercial Workers Should Have the Mass
Viewpoint and the Work Style of
Investigating Deeply, by Ch'en Hsing,
(DC-6073).

CHINESE, per, Chung-kuo Fu-nu, No 4,
1 Apr 1961, pp 3-5.

*JPRS

Harbin Conference Urges Use of Mao
Tse-tung's Ideology to Direct
Scientific Work, 2 pp.

CHINESE, np, Heilungkiang Jih-pao,
29 Sep 1960, p 4.

JPRS 8214

Far East
Political (Contd)

Selected Articles From the Chinese
Newspaper Hopeh Jih-pao.

JPRS 8409

27 Oct 1960, p 3.

The Reactionary Logic and the People's
Logic, by Yang Fei-sheng, Chang
Shao-ch'ing, 8 pp.

31 Oct 1960, p 1.

Emulate the Communist Spirit of
These People, 4 pp.

1 Nov 1960, p 3.

To Reflect the Great Epoch; To
Praise New Heroes, 5 pp.

2 Nov 1960, p 3.

Taking Charge of the Timing to
Improve the Life of the Mass,
by Feng Chih-ming, 7 pp.

5 Nov 1960, p 1.

To Compete To Be Pioneers in Our
Fight to Obtain Steel, 4 pp.

30 Nov 1960, p 3.

Man, Not Material, Determines
Outcome of War, by Hsu Feng-ling, 5 pp.

Selected Articles From the Chinese
Periodical Hung Ch'i.

No 7, 1 Sep 1958.

JPRS 9181

Provisional Charter of the Sputnik
People's Commune at Cha-ya-shan
(Draft), 15 pp. (pp 16-22.)

Far East
Political (Contd)

Selected Articles From the Chinese
Periodical Hung Ch'i. (Contd)

No 7, 1 Sep 1958.

JPRS 9181

Letter From Hsin-yang, Honan Province,
by Li Yu-chiu, 3 pp. (pp 22-23.)

No 8, 16 Sep 1958.

JPRS 9181

Directive of the Hopeh Provincial
Committee of CCP on Building of
People's Communes, 12 pp. (pp 12-17.)

The Party's Education Program Has
Promoted the Revolution of Higher
Education, by Chiang Nan-hsiang, 11 pp.
(pp 18-23.)

Work-and-Study Program Is Best Form of
Coordination Between Education and
Productive Labor, by Liang Han-ping,
8 pp. (pp 24-27.)

Keen Competition and Close Cooperation,
by Li Po, 6 pp. (pp 39-41.)

No 9, 1 Oct 1958.

JPRS 9182

The Communalization Movement in Hopeh
Province, by Lin T'eh, 10 pp. (pp 16-21.)

After All, Communalization Is a Good
Step to Take, by T'an Ch'i-ling, 8 pp.
(pp 21-24.)

Mass Strength Is Unlimited, by Yin
Tzu-ming, 9 pp. (pp 29-33.)

No 10, 16 Oct 1958.

JPRS 9182

Great Victory of the Party's Mass
Line on the Battlefield of Steel and
Iron, by T'ao Lu-chia, 11 pp. (pp 9-15.)

Far East
Political (Contd)

Selected Articles From the Chinese
Periodical Hung Ch'i. (Contd)

No 10, 16 Oct 1958.

JPRS 9182

On Semi-Supply System, 3 pp. (pp 39-40.)

New Men, New Ideas, 3 pp. (pp 40-41.)

In the Development of Agriculture It Is
Imperative to Execute Seriously the Party's
Policy, by Chang Shih-kung, 7 pp.
CHINESE, np, I-li Jih-pao, 29 Dec 1960, p 1.

JPRS 8409

Selected Articles From the Chinese
Newspaper Jen-min Jih-pao.

16 Mar 1961, p 5, (DC-6083).

*JPRS

On Peaceful Coexistence and Ideo-
logical Struggle.

22 Mar 1960, p 6, (DC-6081).

*JPRS

A Communist Party, Not Right-Wing
Tailism.

1 Apr 1960, p 5, (DC-6082).

*JPRS

Peaceful Coexistence and Class Struggle.

3 Jan 1961, p 7.

JPRS 8249

How to Seek the Truth, by Kung
T'ung-wen, 5 pp.

9 Jan 1961, p 1.

JPRS 8220

Recommend the Emulations for Communist
Cooperation Compact, 4 pp.

Far East
Political (Contd)

Selected Articles From the Chinese
Newspaper Jen-min Jih-pao. (Contd)

18 Jan 1961.

JPRS 8344

Vietnamese-Chinese Friendship, by
Ch'un Shui, 6 pp. (p 5.)

Manifest the Power of Policies,
by Fang Ju, 4 pp. (p 7.)

21 Jan 1961.

JPRS 8344

Party Branch of Shanghai Broadcasting
Instruments Plant Has Faith in, Relies
on, and Cares for the Masses, 5 pp. (p 3.)

Locomotive "Mao Tse-tung", by Ch'en Lin,
5 pp. (p 7.)

22 Jan 1961, p 5.

JPRS 8344

"Knowledge Is Power" -- On the 400th
Anniversary of the Birth of Francis
Racon, by Maio Li-t'ien, 6 pp.

25 Jan 1961, p 3.

JPRS 8410

The Learning Problems of the Lower
Echelon Cadres, 4 pp.

26 Jan 1961.

JPRS 8409

The Common Will of Afro-Asia's
1.7 Billion People, 4 pp. (p 5.)

Party Policy Is Party's Life, 5 pp. (p 7.)

27 Jan 1961, p 7.

JPRS 8409

Investigation and Research Are Keys to
Uncovering the Core of a Problem, 13 pp.

Far East
Political (Contd)

Selected Articles From the Chinese
Newspaper Jen-min Jih-pao. (Contd)

27 Jan 1961, p 7.	JPRS 8409
Conditions, Determination, and Methods by Ying Ling, 7 pp.	
31 Jan 1961, p 7.	JPRS 8418
Be a Clear-Minded Revolutionary, by Chi Tung-p'ing, 4 pp.	
8 Feb 1961, p 5.	JPRS 8220
Friendship Symphony, 4 pp.	
14 Feb 1961, p 2.	JPRS 8410
More Solidarity in Unification for Bigger Victories, by Sung Ch'ing-ling, 3 pp.	
18 Feb 1961, p 1.	JPRS 8418
New and Old Colonialists, Get Out of the Congo, 5 pp.	
26 Feb 1961, p 2.	JPRS 8408
Team Leader's Policy Study Sessions, 7 pp.	
3 Mar 1961, p 6.	JPRS 8409
Unity of Patriotic Forces in Laos, 4 pp.	
11 Mar 1961, p 1.	JPRS 8409
Application of Particular Experiences to General Problems, 4 pp.	

Far East
Political (Contd)

Special Responsible Officers and Time Limits,
4 pp.

CHINESE, np, Kansu Jih-pao, 23 Jun 1960, p 1.

JPRS 8413

Method of Leadership in T'ao-yang People's
Commune, by Lu K'e-chien, 5 pp.

CHINESE, np, Kansu Jih-pao, 29 Aug 1960, p 2.

JPRS 8408

On the Eleventh Anniversary of the
Chinese People's Republic, 6 pp.

CHINESE, np, Kansu Jih-pao, 1 Oct 1960,
p 3.

JPRS 8426

Selected Articles From the Chinese
Newspaper Kuang-ming Jih-pao.

26 Dec 1960, p 3.

JPRS 8220

A Critique of P'ing Hsin's Theory
of the "Automatic Expansion" of
Productive Power, by Ch'en Ch'ih,
32 pp.

30 Dec 1960, p 3.

JPRS 8220

The Unification of Contradiction
of Things and Events in the Process
of Their Qualitative Change - An
Exchange of Views With Comrade
Hsieh Ching, by Chang Ch'iu, 13 pp.

17 Jan 1961, p 3.

JPRS 8410

On the Sameness of Erroneous
Thinking and Reality, by Kuan Feng,
9 pp.

20 Jan 1961, p 3.

JPRS 8220

Discussing the Object of Formal
Logic, by Wang Kuei-hsiu, 12 pp.

Far East
Political (Contd)

Selected Articles From the Chinese
Newspaper Kuang-ming Jih-pao. (Contd)

20 Jan 1961, p 3.	JPRS 8220
A Discussion of the Functions of the Unity and Conflict of Contradictions in the Development of Things and Events, by Wang Wen-che, 8 pp.	
3 Feb 1961, p 3.	JPRS 8426
On the Nature of Conflict Between and the Nature of Similarity of Materialism and Idealism, by Chu Yen-che, 12 pp.	
23 Feb 1961, p 2.	JPRS 3409
The Relations Between Peasant War and Religion in China, by Kuan Li-ch'uan, 6 pp.	
27 Feb 1961, p 3.	JPRS 4677
Japan Opposes US-Japanese Security Pact, by Nakajima Kenzo, 4 pp.	
Politics Brings New Atmosphere to Dormitories, 3 pp. CHINESE, np, <u>Kung-jen Jih-pao</u> , 17 Jan 1961, p 1.	
	JPRS 8427
Ideological and Political Work Is Thorough and Good, 4 pp. CHINESE, np, <u>Kung-jen Jih-pao</u> , 22 Jan 1961, p 1.	
	JPRS 8426
Perform Well the Activities in the Workers' Dormitories, 4 pp. CHINESE, np, <u>Kung-jen Jih-pao</u> , 28 Jan 1961, p 1.	
	JPRS 8418

Far East
Political (Contd)

Causes of the Beginning and the Victory
of the Chinese Revolution, by Li Shu,
21 pp.

CHINESE, per, Li-shih Yen-chiu, No 6,
Nov 1960, pp 1-12.

JPRS 8312

A Discussion on the Problem of the
Peasant's Revolutionary Wars in the
Chinese Feudalist Society, by Shih
Shou-pin, 16 pp.

CHINESE, per, Li-shih Yen-chiu, No 6,
Nov 1960, pp 72-80.

JPRS 8312

A Discussion on the Anti-Imperialist
Struggle of the Boxers, by Shih Ssu-ch'un,
31 pp.

CHINESE, per, Li-shih Yen-chiu, No 6,
Nov 1960, pp 13-26.

JPRS 8312

Selected Articles From the Chinese
Periodical Shih-chieh Chih-shih.

No 21, 5 Nov 1960, pp 14, 15.

JPRS 8410

A Victorious Process, by Ching Wu-wu,
5 pp.

No 23, 5 Dec 1960, pp 4-10.

JPRS 8410

An Experience of the Chinese People
Learned From the 109 Year Anti-
Imperialist Struggle, by Wang Nan,
16 pp.

No 24, 20 Dec 1960, pp 5-9.

JPRS 8410

A New Program of Solidarity and
Combat, by Yuan Fang, 12 pp.

No 2, 20 Jan 1961.

JPRS 8408

Relations With Friendly Nations,
by Ch'u Tu-nan, 7 pp. (pp 7, 8.)

On "Brush-Fire War" and "Brush-Fire
Peace", 10 pp. (pp 15-18.)

Far East
Political (Contd)

Selected Articles From the Chinese
Newspaper Ta-kung Pao.

28 Nov 1960, p 2. JPRS 8429

Cadre Leadership Improved by
Working Seven Out of Ten Days at the
Basic Level, by Li Chung, 5 pp.

17 Dec 1960, p 4. JPRS 8312

Resolutely Stop United States
Interference With and Invasion of
Laos, 4 pp.

8 Jan 1961, p 3. JPRS 8409

Coincidence of Policy With Task, 6 pp.

11 Jan 1961, p 3. JPRS 8409

Start From Actualities, Work Ac-
cording to Policy, 7 pp.

11 Feb 1961, p 3. JPRS 8418

On "Passing the Day", by Hsieh
Hsiang-huang, 6 pp.

20 Feb 1961. JPRS 8414

For Supply of Farm Implements, 4 pp.
(pp 1, 2.)

Improve Country Fair Trading, by Wu
Jen-kuei, 6 pp. (p 3.)

27 Feb 1961, p 2. JPRS 8409

Department Store in Sian Proves Role
of Politics in Raising Service
Quality, 4 pp.

Far East
Political (Contd)

Selected Articles From the Chinese
Newspaper Tibet Jih-pao.

JPRS 8418

1 Oct 1960, p 5.

Hung Hua (Red Flower), by Liu
Han-chun, 5 pp.

9 Oct 1960, p 2.

"Hung Hua" Is a Bad Piece of Literary
Writing, by Chin Yen, 3 pp.

12 Oct 1960, p 1.

Take Care of/and Arrange the
Masses' Livelihood, 4 pp.

22 Oct 1960, p 1.

The Tibet Standing Committee of the
Political Consultative Conference
Discusses the Redemption Policy,
by Tsung Tzu-tu, 4 pp.

28 Oct 1960, p 1.

Directive on Issue of Land Ownership
Certificates by Tibetan Autonomous
Region Preparatory Commission, 4 pp.

Mao Tse-tung's Thought Studies in Theory
Study Movement in Tsinghai, by T'ien
Chen-min, et al, 4 pp.
CHINESE, np, Tsinghai Jih-pao, 1 Jul
1960, p 1.

JPRS 8293

Ideological Work Is Well Done by
Party Cell of Hsia-kou Team, 4 pp.
CHINESE, np, Tsinghai Jih-pao, 30 Dec
1960, p 1.

JPRS 8409

Far East
Political (Contd)

Selected Articles From the Chinese
Periodical Wen-hsueh P'ing-lun.

JPRS 8312

No 4, 25 Sep 1960.

A "New" Example of the Theory of
Humanism, by Wang Liao-yung, 23 pp.
(pp 84-98.)

Comrade Li Ho-lin's Bourgeois
Studying Attitude and Studying
Method, by Li Hui, 9 pp. (pp 99-104.)

No 5, 25 Nov 1960.

Conscientiously Study and Improve
Thought, 9 pp. (pp 1-5.)

On "Sister Liu", by Ts'ai I, 11 pp.
(pp 14-20.)

Dont't Let Lu Hsun Be Distorted
Into a Bourgeois Humanitarian
Writer, 15 pp. (pp 63-71.)

Selected Articles From the French
Periodical Journal Officiel du Cambodge.

Official Proclamations From the
Journal Officiel du Cambodge, Vol XVI,
No 23, 9 Jun 1960, pp 762-801. 20 pp.

JPRS 8351

Official Proclamations From Journal
Officiel du Cambodge, No 24, 16 Jun
1960, pp 817, 818, 822, 823; No 25,
23 Jun 1960, pp 853-855, 864-870,
885-901. 26 pp.

JPRS 8468

Official Proclamations From Journal
Officiel Du Cambodge, Vol XVI, No 48,
1 Dec 1960, pp 2327-2340, 2375-2382,
2396-2397. 25 pp.

JPRS 8314

Far East
Political (Contd)

Selected Articles From the French
Periodical Journal Officiel du Cambodge. (Contd)

Official Journal of Cambodia, Vol XVI, No 49, 8 Dec 1960, pp 2411-2415, 2419-2420, 2429-2432, 2498. 14 pp.	JPRS 9230
Official Proclamations From Journal Officiel du Cambodge, Vol XVI, No 50, 15 Dec 1960, pp 2532-2533, 2537-2538, 2566-2577. 5 pp	JPRS 8246
Official Proclamations From Journal Officiel du Cambodge, No 52, 29 Dec 1960, pp 2662-2687, 2689, 2705-2739, 2752-2753. 56 pp.	JPRS 8454
Translations From the Journal Official du Cambodge, Vol XVII, No 60, 70, 77, 28 Mar-8 Apr 1961, pp 764-767, 828-830, 908-910. (DC-6062).	*JPRS
Official Proclamations From Journal Officiel du Cambodge, Vol XVII, No 4, 6 Jan 1961, pp 98-99. 9 pp.	JPRS 9315
Ordinance No 698-CE, Vol XVII, No 6, 9 Jan 1961, pp 126-128.	JPRS 9254
Official Proclamations No 10 and No 11, Vol XVII, No 6, 9 Jan 1961, pp 135-154.	JPRS 9254
Official Proclamation No 6, Vol XVII, No 7, 10 Jan 1961, pp 157-173.	JPRS 9254
List Annexed to Official Proclamation No 47, Vol XVII, No 8, 11 Jan 1961, pp 201-202.	JPRS 9254
Official Proclamation No 47, Vol XVII, No 8, 11 Jan 1961, pp 218-219.	JPRS 9254
Peking-Pankow Ideological Axis, by Hemen Ray, 7 pp. GERMAN, per, <u>Aussenpolitik</u> , Vol XI, No 12, 1960, pp 819-825.	JPRS 8105

Far East
Political (Contd)

Rebel Leader Surrenders in North Celebes,
by Junisaf Anwar, 4 pp.
INDONESIAN, np, Duta Masjarakar, 1-2 Mar
1961, p 2.

JPRS 8285

Selected Articles From the Indonesian
Newspaper Harian Rakjat.

5 Dec 1960, pp 3, 4.

JPRS 8223

Basic Conditions for the Implementa-
tion of Development, by Sakirman.

7 Dec 1960, p 3.

JPRS 8223

Welfare Questions in the MPRS Session,
by Njono.

9 Dec 1960, p 3.

JPRS 8223

Basic Differences Between the PRRI
Permesta "Development Plan" and the
Lines of the MPRS Development Blue-
print, by Nursuhud.

10 Dec 1960, p 3.

JPRS 8223

The Political Manifesto, by
Joebaar Ajoeb.

16 Dec 1960, p 3.

JPRS 8223

Abolish Remnants of Swapradja
Authority and Retool Anti-Popular
Government Apparatus, by J. P.
Rissi, 4 pp.

31 Dec 1960-3 Jan 1961.

JPRS 8275

The Second Plenary Session of PKI
Central Committee and Other Indonesian
Communist Materials, 43 pp.

Far East
Political (Contd)

Selected Articles From the Indonesian
Newspaper Harian Rakjat. (Contd)

4 Jan 1961.

JPRS 8285

Njono Reaffirmation of the Politbureau
Statement Regarding Presidential
Regulation No 7 of 1959, by Njono,
4 pp.

17 Jan 1961.

JPRS 8285

Intensify the Party Work on the
Ideological Front, by Siswojo, 4 pp.

23 Jan 1961, p 3.

JPRS 8411

Results of National Women Peasants
Seminar, 10 pp.

25 Jan 1961, p 1.

JPRS 8411

"Harian Rakjat" and Cooperatives,
by Asmu, 4 pp.

26 Jan 1961, p 3.

JPRS 8411

"Harian Rakjat" and the Political
Manifesto, by Munir, 4 pp.

30 Jan 1961, p 3.

JPRS 8411

The Distribution of "Harian Rakjat"
and Its Expansion, 7 pp.

31 Jan 1961, p 1.

JPRS 8411

Continue to Expand "Harian Rakjat",
Make a Victory of Principle a
Practical Victory, by Rewang, 8 pp.

"Harian Rakjat" Is a Powerful Weapon
for Increasing the Political Aware-
ness of the People, by M. H. Lukman,
5 pp.

Far East
Political (Contd)

Selected Articles From the Indonesian
Newspaper, Harian Rakjat. (Contd)

2-22 Feb 1961, p 1, p 3.

JPRS 8411

Speech of D. N. Aidit on "Harian
Rakjat's" Tenth Anniversary, 6 pp.

Speech on "Harian Rakjat's" Tenth
Anniversary, by Njoto, 38 pp.

2 Mar 1961, p 2, p 3.

JPRS 8411

Report on Crop Sharing and Land
Reform Laws in Semarang Regency,
4 pp.

Speech of J. Piry Before Parliament
on Budgetary Matters, 9 pp.

11 Mar 1961, pp 1, 4.

JPRS 8411

Anniversary Greetings to the Com-
munist Party of New Zealand, 4 pp.

17 Mar 1961, p 2.

JPRS 8411

Combine Science With Struggle, 13 pp.

Masohi, New Capital of Central Moluccas,
3 pp.
INDONESIAN, np, Madjahlah Merdeka, No 9,
4 Mar 1961, pp 16-17.

JPRS 8285

Gotong Rojong, Key to Successful Develop-
ment of an Indonesian Socialist Society,
by R. Soedibjo.
INDONESIAN, per, Mimbar Indonesia, Vol XIV,
No 53, 31 Dec 1960, p 7.

JPRS 8392

The People's Potential and the National
Front in Overall Development, by
Sudjono Hs.
INDONESIAN, per, Mimbar Indonesia, Vol XIV,
No 53, 31 Dec 1960, pp 14, 30.

JPRS 8392

Far East
Political (Contd)

Maritime Activity and the Role of the
Sea Police, by Darmono S. Hubojo.
INDONESIAN, per, Mimbar Indonesia, Vol XIV,
No 53, 31 Dec 1960, p 15.

JPRS 8392

Experiences in the Kediri Second Level
Regional Legislature and Government, by
Suwandi.
INDONESIAN, per, PKI dan Perwakilan,
Vol V, No 2, 3, 1960, pp 273-277.

JPRS 8232

A Brief Outline of Indonesian Prehistory
and Feudalism, by Amir Sutaarga.
INDONESIAN, per, Siasat Baru, Vol XIV,
No 704, 28 Dec 1960, pp 8-13.

JPRS 8392

Atomic Energy Possibilities in
Indonesia.
INDONESIAN, per, Siasat Baru, No 704,
28 Dec 1960, pp 19-20.

JPRS 8392

In China: From Objects to Active
Participants, by Marissa Musu. (DC-6100).
ITALIAN, per, Rinascita, Vol XVIII,
No 3, 1961, pp 315-318.

*JPRS

Communist Education and Our Language,
by Sim Sang-nin, Ch'oe Wan-ho, 19 pp.
KOREAN, per, Choson Omun, No 5,
20 Sep 1960, pp 17-30.

JPRS 7806

Party Struggle for Leninist Party
Principle in Post-Liberation Literature,
by Ch'oe T'ak-ho, 18 pp.
KOREAN, per, Choson Omun, No 5,
20 Sep 1960, pp 83-95.

JPRS 7807

Changes in Administrative Districts
in North Korea, 11 pp.
KOREAN, np, Minju Choson, 17 Mar 1961,
p 3.

JPRS 8433

Organizational Questions on the Develop-
ment of Legal Science in the Chinese
Peoples Republic, by Chou Hsin-min, 12 pp.
RUSSIAN, per, Sovet Gosudarstvo i Pravo,
No 3, 12 Feb 1961, pp 64-72.

JPRS 4649

Far East
Political (Contd)

Law No 6/61 of 15 Mar 1961. Prescribing
the Organization, Operation, and
Jurisdiction of the High Council of the
Judiciary, 6 pp.
VIETNAMESE, Encl 1 to Desp 451,
AmEmbassy, Saigon, 8 Apr 1961.

Dept of State
46118,8

Education Among Overseas Chinese in
North Vietnam, by Chuang Yung, 6 pp.
VIETNAMESE, np, Bao Tan Viet Hoa,
3 Feb 1961, p 3.

JPRS 9414

We Must Understand the Resolution of
the Third National Party Congress
Thoroughly, by Truong Chinh, (DC-6063).
VIETNAMESE, per, Hoc Tap, No 4, 1961,
pp 10-36.

*JPRS

Let Us Shape and Develop New Concepts
in Order to Step Up the Socialist
Revolution in North Vietnam, by Le Duan,
(DC-6064).
VIETNAMESE, per, Hoc Tap, No 4, 1961,
pp 37-53.

*JPRS

Selected Articles From the Vietnamese
Newspaper Nhan Dan.

4 Nov 1960, p 4.

JPRS 4650

People's Councils Are the State's
Legal Organs in Local Regions, by
Ngo Du, 3 pp.

15 Nov 1960, p 4.

JPRS 4650

Educate the People for Socialism,
by Van Trong, 4 pp.

9 Jan 1961, pp 1-2.

JPRS 8423

Pham Van Dong Interview with East
German Reporters, by Pham Van Dong,
4 pp.

Far East
Political (Contd)

Selected Articles From the Vietnamese
Newspaper Nhan Dan. (Contd)

12 Jan 1961, p 4.

JPRS 8423

The Political Study Movement Is
Developing, by Dao Duy Tung, 4 pp.

21 Jan 1961, p 4.

JPRS 8423

Prepare to Face Most Challenging
Potentialities and Seize the Most
Favorable Potentialities, by Hoang
Tung, 7 pp.

22 Jan 1961, p 4.

JPRS 8423

The Struggle to Safeguard Peace Is
Our First Responsibility, by Hoang
Tung, 9 pp.

24 Jan 1961, pp 1-2.

The Important Role of People's
Councils in the New Era, 3 pp.

JPRS 8423

Decree on the Election of People's
Councils at all Levels.

JPRS 8297

28 Jan 1961, p 4.

JPRS 8423

Election Law, by Truong Tan Phat,
4 pp.

31 Jan 1961, p 4.

JPRS 8423

With Victories Won, Let Us Make
Rapid Progress, by Hoang Tung, 9 pp.

2 Feb 1961, p 2.

JPRS 8297

The Warm Support and Generous Help of
the People's Republic of China Has Been
a Source of Great Strength to the
Vietnamese People's Revolution, by
Nguyen Duy Trinh.

Far East
Political (Contd)

Selected Articles From the Vietnamese
Newspaper Nhan Dan. (Contd)

8 Feb 1961.

Objectives of Domestic Commerce Under
the 1961 State Plan, by Hoang Quoc
Thinh. (p 3.)

JPRS 8297

A Township Party Committee Meeting,
by Pham Le Van, 5 pp. (p 6.)

JPRS 8423

12 Feb 1961, p 4.

JPRS 8297

Improve Overall Party Leadership In
Rural Areas, by Vu Tho.

The Problem of Political Education for
Youths, by Le Vinh Quoc, 9 pp.
VIETNAMESE, np, Quan Doi Nhan Dan, No 842,
19 Jan 1961, p 3.

JPRS 8423

Selected Articles From the Vietnamese
Newspaper Thoi Su Pho Thong, No 18,
1960.

JPRS 8247

Points Which Must Be Understood When
Reporting on the Third National
Congress of the Vietnam Lao Dong
Party, 7 pp. (pp 1-10.)

The General Situation and Present
Responsibilities of Our Party, 3 pp.
(pp 11-14.)

North and South Vietnam Are One! The
Fatherland Is One! Vietnam Will
Certainly Be United! The Vietnamese
People Will Certainly Unite!, by Le
Ba, 3 pp. (pp 15-17.)

Procedures of the Socialist Revolution
in North Vietnam, 5 pp. (pp 18-23.)

Far East
Political (Contd)

Selected Articles From the Vietnamese
Newspaper Thoi Su Pho Thong, No 18,
1960. (Contd)

JPRS 8247

Social Reform Is a Basic Responsibility
in the Socialist Revolution in North
Vietnam, by Xuan Thao, 3 pp. (pp 24-27.)

Socialist Industrialization Is the
Main Responsibility of the Transition
Period, by Vu Thien An, 7 pp.
(pp 28-37.)

Socialist Revolution in Ideology,
Culture, and Techniques, by Hoang
Khanh, 4 pp. (pp 38-42.)

Strengthen the People's Democratic
State, by Le Thuan, 4 pp. (pp 47-50.)

Strengthening Party Leadership Is the
Key to Successful Revolution, by Duong
Pham, 3 pp. (pp 51-54.)

The Winter-Spring Season Beginning the
First Five-Year Plan Must Be a Great
and Overall Success, by Thanh Binh,
3 pp. (pp 58-61.)

About the Congress..., 3 pp.
(pp 62-64.)

From the Plaine Des Jarres to Ban Ban,
by Le Kham, 17 pp.
VIETNAMESE, per, Van Hoc, No 135,
24 Feb 1961, pp 1, 6, 7, 14; No 136,
3 Mar 1961, pp 14-14.

JPRS 9307

Far East
Geographic

Geography of Sinkiang Uighur Autonomous Region, Yunnan Province, and Tibet Autonomous Region, 15 pp.

CHINESE, monograph, Chung-kuo Fen-sheng Ti-t'u, May 1960, pp 34, 66, 68.

JPRS 8324

Rivers and Streams of the Northwest Plateau.

CHINESE, per, Chung-duo Ho-ch'uan Chih, 1954, pp 261-274, Call No GB 1337 S 95 v. 2.

AMS

Selected Articles From the Chinese Periodical Shui-wen Ti-chih Kung-ch'eng Ti-chih, No 12, 12 Dec 1959.

JPRS 7853

A General Discussion on the Hydrogeological Conditions of the Northeast Section of the North China Plain, by Liu Cyi-ying, 15 pp, (pp 10-12).

A Summary of Hydrogeological Conditions for Tin Mines in Ke-chiu, Yunnan Province, by P'eng Yin-pin, 16 pp, (pp 13-15).

Mineral Water of the Upper Reaches of the Sha River in Lu-shan Hsien, Honan Province, by Hu Ch'ang-lin, 15 pp, (pp 16-18).

Hot Springs of the Fold Area of Southeast Szechuan Province, by Mou Hung-wei, 18 pp, (pp 19-21).

The Development of the Geographic Sciences in the People's Republic of China, by Johannes F. Gellert, (DC-6084).

GERMAN, bulletin, Petermanns Geographische Mitteilungen, No 1, 1961, pp 25-29.

*JPRS

Geography of the Mongolian People's Republic, by Sh. Tsengid, 134 pp.

MONGOLIAN, bk, 1957, 185 pp.

JPRS 8288

Slightly Salinized Soils of Micro Hillocks Among Lake Solonchaks in Inner Mongolia, CPR, by B. A. Zimovets, (NY-6542).

RUSSIAN, per, Pochvovedeniye, No 4, 1961, pp 91-95.

*JPRS

Far East
Sociological

Why Must Painstaking Struggle Still Be
Advocated?, by Chang Hsiu-min.

CHINESE, per, Chung-kuo Ch'ing-nien,
No 22, 16 Nov 1960, pp 30-31.

JPRS 8319

How Is the Happiness of the Period of
Youth To Be Understood, by Ma Kuo-cheng.

CHINESE, per, Chung-kuo-Ch'ing-nien, No 22,
16 Nov 1960, p 32.

JPRS 8319

Selected Articles From the Chinese
Periodical Hung Ch'i.

No 8, 16 Sep 1958.

JPRS 9181

Shansi Machine Tool Plant Has Established
Red and Expert College, by Yueh Yuan-pao,
6 pp, (pp 28-30).

Great Progress in Culture and Education,
by Chao Shou'i, 13 pp, (pp 31-37).

Small Hospitals in Rural Area, by
Chao Chen-heng, 5 pp, (pp 37-38).

No 10, 16 Oct 1958.

JPRS 9182

Union of Laborers, Peasants, Merchants,
Intellectuals and Soldiers, 5 pp,
(pp 24-27).

Culture Permeates Kiangsi Province, by
Li Ting-k'un, 6 pp, (pp 36-38).

Life on Hai-ling Island, 6 pp.

CHINESE, mp, Jen-min Jih-pao, 26 Jan 1960,
p 2.

JPRS 8413

Report on Cultural Reform in Kirin Province,
by Fu Chen-sheng.

CHINESE, mp, Kirin Jih-pao, 14 May 1960,
pp 2-3.

JPRS 8211

Accomplishments in Scientific Technology
in the Democratic People's Republic of Korea,
by Paeh Nam-un, 5 pp.

CHINESE, per, K'o-hsueh Hsin-wen, No 24,
14 Aug 1959, pp 1, 2.

JPRS 7729

Far East
Sociological (Contd)

Selected Articles From the Chinese
Newspaper Kuang-ming Jih-pao.

17 Nov 1960, p 3.

JPRS 8417

Reading Further Comment on the Simplification of Characters, by Chen Wan-liang, Yu Ming-huei, Huang Shun-tung, 3 pp.

Effective Phoneticism in Character Reform, by Chou Yu-kuang, 7 pp.

11 Dec 1960, p 1.

JPRS 8211

Collaboration Teams on Eight Subjects Set Up by Shanghai Institutions of Higher Learning.

21 Dec 1960, p 2.

JPRS 8211

Peiping Television University Shows Increasing Superiority.

22 Dec 1960, p 3.

JPRS 8211

Religious Reformation Is the Ideological Form of Class Struggles in Ancient and Medieval Times, by Liang Tso-kan.

23 Dec 1960, p 1, 2.

JPRS 8211

Toilers Establish Sinkiang Universities, by Wen Hou-hua.

Peiping Steel and Iron College Stresses Training of Young Teachers.

17 Jan 1961, p 3.

JPRS 8417

Education Received in the Collective Writing of the History of the T'ai Nationality, by Chiang Ying-liang, 5 pp.

Far East
Sociological (Contd)

Selected Articles From the Chinese
Newspaper Kuang-ming Jih-pao. (Contd)

- 28 Jan 1961, p 2. JPRS 8319
- Quantity and Quality in Teaching Work,
by Wu Ta-jen.
- 29 Jan 1961, p 2. JPRS 8417
- More Emphasis Should Be Given to In-
vestigation and Research Work, by
Ch'ien-hsien, 4 pp.
- As Close as a Family, by Hsiang Lin.
CHINESE, np, Kung-jen Jih-pao, 13 Nov 1960,
p 3. JPRS 8211
- The Improvement of Correspondence Educa-
tion by the Institutions of Higher Learning
in Kwangtung Province.
CHINESE, np, Nan-fang Jih-pao, 23 Sep 1960,
p 3. JPRS 8211
- Teachers and Students of the Wireless De-
partment in South China Engineering College
Make Their Own Equipment.
CHINESE, np, Nan-fang Jih-pao, 4 Oct 1960,
p 3. JPRS 8211
- Be the Pupil of the Masses First and Their
Teachers Later, 5 pp.
CHINESE, np, Ta-kung Pao, 16 Jan 1961, p 3. JPRS 8409
- Suburb of Guayaquil, 4 pp.
CHINESE, np, Ta-kung Pao, 9 Feb 1961, p 4. JPRS 8293
- The National Seminar of Women Peasants in
Indonesia, 10 pp.
INDONESIAN, np, Harian Rakjat, 17-19 Jan 1961. JPRS 8325
- The Dayaks of Borneo, by Sarman Bakri,
5 pp.
INDONESIAN, np, Madjahlah Merdeka, 31 Dec
1960, pp 809. JPRS 8285

Far East
Sociological (Contd)

Training of Technical Cadres in the
People's Democratic Republic of Korea,
by V. Filippova, 4 pp.
RUSSIAN, per, Byul Nauch Informat, Trud
i Zarab Plata, No 1, 1961, pp 58-61.

JPRS 9225

Problems of Chinese and Korean Linguistics
at the 25th Orientalist Congress, by
N. V. Solntseva, Yu. N. Mazur (DC-6074).
RUSSIAN, per, Voprosy Yazykoznaniya, No 2,
1961, pp 153-156.

*JPRS

We Must Strengthen Propaganda on the Im-
plementation of the Marriage and Family
Law, by Xuan Thuy, 9 pp.
VIETNAMESE, per, Hoc Tap, Jan 1961,
pp 54-59.

JPRS 8330

A Few Opinions on Artistic Criticism, by
Bao Dinh Giang, Dong Hoai, 10 pp.
VIETNAMESE, per, Nghien Cuu Van Hoc, No 11,
1960, pp 1-9.

JPRS 4650

We Must Seek a Rational Solution to the
Problem of the Written Language, by
Hoang Phe, 30 pp.
VIETNAMESE, per, Nghien Cuu Van Hoc, No 11,
1960, pp 10-33.

JPRS 4650

Congress for the Improvement of the National
Language, 5 pp.
VIETNAMESE, per, Nghien Cuu Van Hoc, No 11,
1960, pp 97-100.

JPRS 4650

Improvement of Our Language, 4 pp.
VIETNAMESE, per, Nghien Cuu Van Hoc, Vol I,
No 13, 1961, pp 97-99.

JPRS 8402

Cultural Development in Mountain Areas,
by Ha Van Thu, 4 pp.
VIETNAMESE, np, Nhan Dan, No 2507, 29 Jan 1961,
p 5.

JPRS 8402

Physical Culture Athletics, and Hygiene Are
Beneficial to the Body and the Race, by
Le Yen, 3 pp.
VIETNAMESE, per, Thoi Su Pho Thong, No 20,
1960, pp 26-29.

JPRS 8243

Far East
Sociological (Contd)

A Few Opinions on Professional Training
for the Improvement of Art, by Hong Cuong,
5 pp.

VIETNAMESE, per, Van Hoc, No 122, 25 Nov
1960, p 3.

JPRS 4650

Pham Van Dong's Speech at Artists' Meeting
to Study the Resolutions of the Party's
Third National Congress, 14 pp.

VIETNAMESE, np, Van Nghe, No 43, Dec 1960,
pp 38-48.

JPRS 8402

Paris Yiddish Communist Daily Reports on
"Crime and Punishment" in Red China, 28 pp.
YIDDISH, np, Naie Presse, 9 May-7 Jun 1960.

JPRS 8363

WESTERN EUROPE

Economic

Observations of the Netherlands Grain Trade Association Concerning the Final Agricultural Proposals of the EEC, 7 pp. DUTCH, Encl to Desp 612, AmEmbassy, The Hague, CERP D-I, B-1; EmbDes 480, 31 Jan 1961; 28 Mar 1961.

Dept of State
4611932

International Inequalities and General Criteria for Development Aid, by H. Theil, 22 pp. DUTCH, per, De Economist, Vol CI, No 11, 1953, pp 721-749.

Macmillan & Co Ltd.
Interntl Econ Papers,
No 10

Dyke Building for the Purpose of Pre-serving Monuments. Philae and Its Temples Are Being Saved From Submersion, 4 pp. DUTCH, np, Het Financieele Dagblad, 27 Mar 1961, Encl 1 to Desp 244, AmConsul, Amsterdam, CConGen D-107, 13 Apr 1961.

Dept of State
4323959

Note on the Cost of Railway Transport, by V. Nordling, 7 pp. FRENCH, bk, Annales des Ponts et Chaussees, 1886, pp 292-303.

Macmillan & Co Ltd.
Interntl Econ Papers,
No 10

Helicopters, 10 pp. FRENCH, per, Bulletin d'Information, Jan 1960, pp 2, 14-17, 19, 21-23.

ACSI H-9164
ID 2166454

Visit to the Airborne Center of Toulouse, 8 pp. FRENCH, per, Direction Des Etudes et Fabrications Darnement, 4, 5 May 1961.

ACSI H-9441
ID 2170477

Principal Observations Made During a Visit to Eight Open-Hearth Plants in America, by L. Septier. FRENCH, per, Revue de Metallurgie, Vol LXII, Sep 1960, pp 797-803.

*BISI 2206

The Role of Amortization in Investment Programming, by Maurice Boiteux, 16 pp. FRENCH, per, Revue de Recherche Operationnelle, Vol I, No 5, 1957.

Macmillan & Co Ltd.
Interntl Econ Papers,
No 10

Western Europe
Political

A Year of Contradictory Development of
Imperialism in Western Europe, 10 pp.
CHINESE, per, Shih-chieh Chih-shih, No 2,
20 Jan 1961, pp 9-12.

JPRS 8408

Speech by Paul De Groot, Secretary-General
of Netherlands Communist Party, at 20th
Party Congress, 20-22 May 1961, (DC-6094).
DUTCH, speech, Rede, Uitgesproken Door De
Algemeen Secretaris Der C. P. N., Paul
De Groot, op het 20e Partijcongres, 20, 21, 22
mei 1961, pp 1-22.

*JPRS

Review of the Communists and Their Party, by
H. Verheij, 4 pp.
DUTCH, per, Politiek en Cultuur, Vol XX,
No 12, 1960, pp 582-585.

JPRS 8276

Diplomatic Initiatives, 4 pp.
FLEMISH, np, Gazet van Antwerpen, 6 Apr 1961,
Encl to Desp 969, AmEmbassy, Brussels,
10 Apr 1961.

Dept of State
4489675

Speech to Central Committee, by
Maurice Thorez, 16 pp.
FRENCH, np, France Nouvelle, No 798,
1 Feb 1961, pp 13-20.

JPRS 8276

French Central Committee Leader Views Servin-
Casanova Debate, by Jacques Duclos, 7 pp.
FRENCH, np, France Nouvelle, No 799,
8 Feb 1961, pp 4-6.

JPRS 8276

Background to Servin Casanova Issue, 10 pp.
FRENCH, np, France-Observateur, Vol XII,
No 561, 2 Feb 1961, pp 11-13.

JPRS 8276

Report by Waldeck Rochet to Central Commit-
tee, by Waldeck Rochet, 13 pp.
FRENCH, np, L'Humanite, No 5096, 16 Jan 1961,
pp 5, 6.

JPRS 8276

A Dynamic American President, 4 pp.
FRENCH, np, Independance, 6 Apr 1961, Encl to
Desp 969, AmEmbassy, Brussels, 10 Apr 1961.

Dept of State
4489675

Western Europe
Political (Contd)

Socialist View of Servin Casanova Issue, by Pierre Belleville, 4 pp.

FRENCH, np, Tribune Socialist, No 39, 4 Feb 1961, p 3.

JPRS 8276

Text of Speech by Togliatti, by Palmiro Togliatti, 4 pp.

FRENCH, np, L'Unita, 23 Jan 1961, pp 1, 8, 9.

JPRS 8276

Top-Level Communist Maneuvers Among Former Soldiers and Prisoners-Of-War, 4 pp.

FRENCH, per, La Voix Internationale de la Resistance, No 37, Mar 1961, pp 1-2.

JPRS 8461

Federal Decree for the Purpose of Encouraging the Research in the Field of Atomic Energy and the Training of Specialists (Dated 19 March 1958) of the Swiss Federal Legislature, 5 pp.

GERMAN, rpt.

AEC Tr-4435

Federal Decree Concerning New Measures To Be Taken for Encouraging the Research and the Training of Specialists in the Field of Atomic Science (Dated 2 October 1958) of the Swiss Federal Legislature, 4 pp.

GERMAN, rpt.

AEC Tr-4437

Italian Socialist Party Chief Answers Togliatti Attack on PSI Policy, by Pietro Nenni, 4 pp.

ITALIAN, np, Avanti, Vol LXIV, No 296, 11 Dec 1960, p 1.

JPRS 8276

Italian Communist Party's Role as "Guide" of Labor Disputed, by Gaetano Arfe, 4 pp.

ITALIAN, np, Avanti, Vol LXV, 22 Jan 1961, p 3.

JPRS 8276

PSI Editorial Disputes PCI Central Committee Statements, 7 pp.

ITALIAN, np, Avanti, Vol LXV, 26 Jan 1961, pp 1, 8.

JPRS 8276

Western Europe
Political (Contd)

Italian Writer Discusses the Recrudescence of Aggressiveness, by Bruno Germani, 14 pp.

ITALIAN, per, Corrispondenza Socialista, Vol II, No 1, 1961, pp 5-11.

JPRS 8276

Selected Articles From the Italian Periodical Rinascita, Vol XVIII, No 3, 1961, (DC-6100).

*JPRS

Progress of Emancipation, by Giorgio Amendola, (pp 163-166).

The Peasant Family Is Transformed, by Duccio Tabet, (pp 193-196).

From Peasant Women in the Factory to Workers, by Ninetta Zandigiacomi, (pp 197-201).

From Turati to the Setting Up of the PCI, by Nilde Jotti, (pp 209-221).

The Party and the 'Work Among Women', by Nella Marcellino, (pp 252-259).

Bourgeois Press and Filtered Reality, by Giuliana Dal Pozzo, (pp 275-281).

Western Europe
Military

The Mirage IV and Striking Power.
FRENCH, per, Aviation Magazine, No 295,
15 Mar 1960, pp 21-26. 9661813.

ATIC MCL 628/1

Armed Forces Pay Scales and Military
Service Requirements, 5 pp.
FRENCH, rpt, Forces Armees Belges -
Carrieres et Service Militaires, Incl 1
to IR-1454152, 1961, pp 7, 9-12.

AF 1454154

Geographic

Some Aspects of the Micro-Structure of
Soils in the North-East of the Belgian
Congo, by J. Laruelle.
FRENCH, per, Pedologie, Vol VI, 1956,
pp 38-54.

CSIRO Tr 4647

Caulonia and Metaponto - Application of
Aerial Photography in Search for Ancient
Topography in Magna Graecia, by G. Schioldt,
R. Chevalier; (DC-6061) Schioldt, R. Chevalier,
[ITALIAN] per, L'Universo, No 2, 5, Mar/Apr,
Sep/Oct, 1959, 57 pp.
Sep/Oct 1959, 57 pp.

*JPRS
#30117

Best Available Copy

LATIN AMERICA

Economic

The Cuban People's Economy Is Growing
in Struggle, by Wang K'o-ch'in, 7 pp.
CHINESE, per, Shih-chieh Chih-shih,
No 23, 5 Dec 1960, pp 11, 12.

JPRS 8410

Decree No 38328 of April 14, 1961 Regula-
ting Law No 5994 of December 30, 1960,
Establishing Rules to Stimulate the Regional
and Economic Utilization of Rural Property
and Containing Other Provisions, 18 pp.
PORTUGUESE, Encl 1 to Desp 398, AmCongen, Sao
Paulo, CERP Section D Item IV-A-6; Desp 258,
6 Jan 1961; 26 Apr 1961.

Dept of State
4324343

Cooperative Service Report (Agriculture)
(U-636), 48 pp.
PORTUGUESE, rpt, Escritorio Tecnico de Argi-
cultura Brasil-Estados Unidos (ETA), 1960,
pp 2-48, Encl to TOICA A-1979, Rio de Janeiro,
18 Apr 1961.

Interntl Coop Admin

Decree Restricting Operations of Federal
Savings Banks, 4 pp.
PORTUGUESE, np, Correio de Manha, 8 Mar 1961,
Encl 1 to Desp 903, AmEmbassy, Rio De Janeiro,
CERP, Section D, IV, A-1 and 4 and V, A-3,
3 Apr 1957, 3 Apr 1961.

Dept of State
4488424

Law No 3 of January 31, 1961, by Which Is Es-
~~ta~~lished the Regional Autonomous Corporation
of the Bogota Savannah and of the Ubaté and
Chiquinquira Valleys, 11 pp.
SPANISH, Encl 1 to Agr Desp 153, AmEmbassy,
Bogota, 22 Mar 1961.

USDA

A Spanish Food Code.
SPANISH, per, Revista de Ciencia Aplicada,
No 79, Mar/Apr 1961, pp 173-174.

*ACSI R-9490
ID 2170482

Inflation in Chile: An Unorthodox Approach,
by Osvaldo Sunkel, 25 pp.
SPANISH, per, El Trimestre Economico, Vol XXV,
No 4, 1958.

Macmillan & Co Ltd.
Interntl Econ Papers
No 10

Latin America
Political

Voice of Two Hundred Million Latin
Americans, 5 pp.

CHINESE, np, Jen-min Jih-pao, 13 Mar 1960,
p 3.

JPRS 8293

Cuba Will Win, 4 pp.

CHINESE, np, Jen-min Jih-pao, 1 Jan 1961, p 5.

JPRS 8249

The Heroic Cuban People Will Succeed, by
Kuo Mo-jo, 12 pp.

CHINESE, np, Jen-min Jih-pao, 1 Feb 1961, p 4.

JPRS 8426

The Basic Trends in the Latin American National
Democratic Revolution Movement, by Chang Yeh,
8 pp.

CHINESE, per, Shih-chieh Chih-shih, No 24,
20 Dec 1960, pp 17-19.

JPRS 8410

Columbia Under the Control of American Capital,
by Hsu T'an-lu, 5 pp.

CHINESE, per, Shih-chieh Chih-shih, No 24,
20 Dec 1960, pp 20, 21.

JPRS 8410

Editorial Comment on Cuban Situation, 4 pp.

DANISH, np, Encl to Desp 709, AmEmbassy,
Copenhagen, 24 Apr 1961.

Dept of State
4324263

Latin American in Ferment, by Boris Goldenberg,
(DC-6090).

GERMAN, per, Aussenpolitik, Vol XII, No 4, 1961,
pp 269-276.

*JPRS

Fidel Castro's Kremlin Road Discussed by
West German Writer, by Fritz Rene Allemann,
(DC-6090).

GERMAN, np, Die Zeit, 5 May 1961, p 5.

*JPRS

Francisco Juliao Writes a Primer for Peasants,
10 pp.

PORTUGUESE, pamphlet, A Cartilha do Campones,
Sep 1960.

JPRS 8428

In the Hungry Northeast Fidel and Nasser Are
Gods, As Is Juliao the Prophet, by
Richard Sasso, 7 pp.

PORTUGUESE, per, O Cruzeiro, Rio de Janeiro,
25 Mar 1961, pp 1-11.

JPRS 8456

Latin American
Political (Contd)

The Rebellion of the Tute Mountains:
The Failure of a Revolutionary Undertaking,
38 pp.
SPANISH, monograph, May 1959.

JPRS 8447

Agreement Between Bolivia and the Vatican,
5 pp.
SPANISH, Encl 1 to Desp 506, AmEmbassy, La
Paz, 3 Apr 1961.

Dept of State

March 28, 1961 Address by President Alberto
Lleras Camargo to the American Society of
Bogota, 5 pp.
SPANISH, Encl 1 to Desp 624, AmEmbassy, Bogota,
CERP, Sect D, II-A-2, 11 Apr 1961.

Dept of State
4489535

Income Tax Law of Venezuela, 25 pp.
SPANISH, Encl 1 to Desp 1041, AmEmbassy,
Caracas, CERP D.IV.A.5, V.A.1, D.VII.A.1,
28 Apr 1961.

Dept of State
4614414

Results of an Effort, 3 pp.
SPANISH, np, La Nacion, 27 Mar 1961, Encl 1
to Desp 1217, AmEmbassy, Buenos Aires,
EmbTel 1161, 24 Mar 1961; 28 Mar 1961.

Dept of State
4611933

Exposition of Dr Tomas Enrique Carrillo
Batalla, Ex-Minister of Finance, at the
Ceremony of Turning the Ministry Over to His
Successor, Dr Andres German Otero, 15 pp.
SPANISH, np, El Universal, 29 Mar 1961, Encl
1 to Desp 933, AmEmbassy, Caracas, CERP D.IV,
29 Mar 1961.

Dept of State
4611937

Sociological

Francisco Juliao Proclaims the Emancipation
of the Peasant, by Francisco Juliao, 8 pp.
PORTUGUESE, np, O Semanario, 25 Mar-1 Apr 1961.

JPRS 8471

SCIENTIFIC

Aeronautics

Methods and Means of Inspection of Geometric Parameters in Aircraft Construction, by N. A. Dokunina.

RUSSIAN, bk, Metodi i Sredstva Kontrolya Geometricheskikh Parametrov v Samoletostroyenii, 1959, 131 pp. 9661907

ATIC MCL 679/V

Supplement to Instructions on Loading and Centering in TU-104 and 104A Aircraft. RUSSIAN, bk, Ot Nauch Tekh Info I Izdaniy, 1958, 12 pp.

*ATIC MCL-1106/1-2

Transactions of the Moscow Aeronautical Institute in Sergo Ordzhonikidze - Operating Cycles in Heat Engines, (Collection of Articles).

RUSSIAN, bk, Trudy Moskovskogo Aviatsionnogo Instituta im Sergo Ordzhonikidze, Rabochiye Protssessy v Teplovykh Dvigatel'nykh Ustanovakh, Sbornik Statey, No 119, 1960, 174 pp.

*ATIC MCL-1173/1+2

Generating Gas for Auxiliary Aircraft Systems, by V. Ye. Alemasov.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Aviat Tekh, No 1, 1958, pp 87-94.

*ATIC MCL-1175/1+2

Concerning Two Special Features in Cavitation Characteristics of Centrifugal Pump with Vane Wheel of the First Type, and Partial Withdrawal of Liquid, by V. I. Dumov, M. A. Peshkin.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Aviat Tekh, Vol II, No 2, 1959, pp 147-150.

*ATIC MCL-1158/1

Concerning the Mechanism of Cavitation in Centrifugal Pumps, by N. S. Yershov.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Aviat Tekh, Vol II, No 3, 1959, pp 57-63.

*ATIC MCL-1156/1

New Method of Calculating the Vertical Rate of Climb of a Helicopter, by V. I. Shaydakov.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved - Aviat Tekh, No 4, 1959, pp 64-69. 9661838.

ATIC MCL 745/1-2

Scientific
Aeronautics (Contd)

Scientific Life - A Scientific-Technical
Conference in the Kharkov Aviation Institute,
by V. K. Zolotuchin.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved,
Aviats Tekh, No 4, 1959, pp 161-165.

*ATIC MCL-1155/1

Scientific Life - Scientific Conference
in the Kuybyshev Aviation Institute,
by D. N. Lysenko.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved,
Aviatsionnaya Tekh, Vol II, No 3, 1959,
pp 125-154.

*ATIC MCL-1157/1

Resolving Power of Aerial Photographs,
by P. V. Zakharov.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved -
Geod i Aerofoto, No 6, 1960, pp 121-132.

*ATIC MCL-1236/1

This May Interest You, 19 pp.

RUSSIAN, per, Kridla Vlasti, No 8, 1960,
pp 12-13. 9661817.

ATIC MCL 737/1 + 2

The YAK-12A, by L. Sokolov-Sokolenok,
G. Puzanov.

RUSSIAN, per, Kryl'ya Rodiny, No 5, 1959.
9662374.

ATIC MCL 348/1 + 2

Hard-Working Wings, by P. Astashenkov.

RUSSIAN, per, Kryl'ya Rodiny, No 5, 1959,
pp 22-26. 9662374.

ATIC MCL 348/1 + 2

SUKHOY Su-4, The Soviet Counterpart of the
F-104 and the Record Airplane Z-66,
by Fritz Freytag, 7 pp.

GERMAN, per, Flugwelt, No 3, 1961, pp 171-174.

AF 1451219

Scientific
Astronomy

Physical Conditions on the Moon and Planets, by N. P. Barabashov, 34 pp.
RUSSIAN, bk, Astronomiya v SSSR za Sorok Let, 1917-1957, 1960, pp 135-156.

JPRS 4549

Photometry of Images of the Corona in Line 5303 A, by P. N. Polupan, 4 pp.
RUSSIAN, per, Astron Tsirkulyar, No 141, 1953, pp 5-8. 9662352

ATIC MCL-84/V

Movement of Stars in the Spiral Arm of the Galaxy, by R. Shatsova.
RUSSIAN, per, Astron Zhur, Vol XXXII, No 1, 1955, pp 61-71.

CSIRO Tr 4982

Radio Frequency Emission of Comets, by O. V. Dobrovolskiy.
RUSSIAN, per, Byul In-ta Astrofiz Ak Nauk TadzhSSR, No 26, 1958, pp 3-11.

*ATIC MCL-1221/1+2

An Experiment in Determining the Distribution of the Brightness on the Solar Disc From Observations of a Partial Solar Eclipse, by Ya. E. Einasto.
RUSSIAN, per, Byull Vses Astron-Geod Obshchestva, No 15 (22), 1954, pp 10-19. 9661860.

ATIC MCL 54/1+2

Some Peculiarity in the Cyclic Activities of the Sun, by V. F. Chistyakov.
RUSSIAN, per, Byull Vses Astron-Geod Obshchestva, No 15(22), 1954, pp 20-24. 9661860.

ATIC MCL 54/1+2

Genesis of Interstellar Neutral Hydrogen and of the Galactic Cepheids, by G. Badalyan.
RUSSIAN, per, Dok Ak Nauk Armyanskoy SSR, Vol XXVII, No 1, 1958, pp 13-22.

CSIRO Tr 5085

Correlation Between the Distribution of Galactic Cepheids and of Neutral Hydrogen, by G. Badalyan.
RUSSIAN, per, Dok Ak Nauk Armyanskoy SSR, Vol XXVII, No 3, 1958, pp 145-147.

CSIRO Tr 5087

Scientific
Astronomy (Contd)

On the Theory of the Formation of Absorption
Lines in a Magnetic Field and the Profile of
FE 6173 A in the Solar Sunspot Spectrum,
by V. E. Stepanov.
RUSSIAN, per, Iz Krymskoy Astrofiz Observ,
Vol XIX, 1958, pp 20-45. 9661821

ATIC MCL 487/1

The Behavior of the Ionosphere During Solar
Flares, by N. A. Savich.
RUSSIAN, per, Iz Krymskoy Astrofiz Observ,
Vol XIX, 1958, pp 126-139. 9661821

ATIC MCL 487/1

The Puzzle of Venus, by D. Ya. Martynov,
(NY-6537).
RUSSIAN, per, Priroda, No 10, 1960, pp 8-15.

*JPRS

Some Results From Studying Tremors in Star
Traces, by G. Ya. Vasil'yeva.
RUSSIAN, per, Trudy Soveshchaniya po Issled
Mertsaniya Zvezd 1958, Moscow/Leningrad AN
SSSR, 1959, pp 165-173, 181, 182.

*ATIC MCL-1202/1+2

Problems of the Evolution of Heavenly Bodies,
by Tai Wen-sai, 8 pp.
CHINESE, np, Jen-min Jih-pao, 21 Feb 1961, p 7.

JPRS 4647

Radioastronomy, by Wang Shou-kuan, 8 pp.
CHINESE, per, K'o-hsueh T'ung-pao, No 15,
11 Oct 1960, pp 458, 459.

JPRS 9415

Scientific
Astronomy (Contd)

The Structure of the Disturbed Solar Atmosphere, by K. Kiepenheuer.
GERMAN, per, Z fuer Astrophysik, Vol XLIX, No 2, 1960, pp 73-94.

CSIRO 4993

Solar Bursts of Type III and Their Relation to Flares, by H. Rabben.
GERMAN, per, Z fuer Astrophysik, Vol XLIX, No 2, 1960, pp 95-109.

CSIRO Tr 4992

Biology

Effectiveness of the Biological Action of C-14 When Included in Living Structures, by A. M. Kuzin, B. M. Isayev, V. V. Khvostova, V. I. Tokarskaya, Yu. I. Bregadze, 9 pp.
RUSSIAN, rpt, United Nations Report A/AC. 82/G/L.423, 1960.

AEC Tr-4531

Reports of the Aral-Sea Division of the Institution of Marine Fisheries, by M. J. Markun, (NY-6562).
RUSSIAN, bk, Aral'skaya Shemaya, Vol IV, 1935, pp 1-73.

JPRS

Brucellosis of Farm Animals, by A. Ya. Pankratov, 74 pp.
RUSSIAN, pamphlet, Brutsellez Sel'skokhozyaystvennykh Zhivotnykh, 1958, pp 1-35.

JPRS 9396

Elements of General Vector-Brownian Processes and Laws of Biological Kinematics, by N. I. Kobozev, 45 pp.
RUSSIAN, rpt, Bulletin of Moscow Association of Investigators of Nature, Sec 53, Jul 1959.

AEC Tr-3759

Scientific
Biology (Contd)

1. Underwater Observations on Behaviour of Clupeonella in Illuminated Area; 2. General Organization and Economic Efficiency of Suction Pump Fisheries for Clupeonella, by I. V. Nikonorov, 28 pp.

RUSSIAN, rpt, Fishery for Caspian Clupeonella by Means of the Suction Pump and Underwater Illumination, pp 18-50, 89-94, 1958.

Fisheries Res Bd,
Canada Biol Sta,
St. Andrews, N. B.
Tr No 647

Study of the Distribution of Weeds in Sofijsko Polje, by I. Kolev.
RUSSIAN, per, Agronomichesky Fakultet, Vol III, 1956, pp 138-141.

CSIRO Tr 4173

Conditions of Formation of Tetracyclin by Means of Biosynthesis, by I. I. Belousova, L. A. Popova.
RUSSIAN, per, Antibiotiki, Vol III, 1958, pp 3-8.

CSIRO

Sprouting in the Cucurbitaceae Family, by I. Vasil'chenko.
RUSSIAN, per, Botan Zhur, Vol XLV, No 4, 1960, pp 564-566.

CSIRO Tr 5057

On the Photoperiodic Reaction in the Colorado Beetle Leptinotarsa Decehlineata Say, by N. I. Goryshin.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CIX, No 1, 1956, pp 205-208.

CSIRO

On the Theory of Mutations, by M. V. Vol'kenshteyn, A. M. Yel'yashevich, (NY-6503).
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 5, 1961, pp 1216-1218.

*JPRS

On the Difference in the Effect on Certain Inhibitors of Monoaminoxidase in Vivo and In Vitro, by Ye. I. Kuznets, V. S. Shashkov, L. S. Ter-Tartanyan, (NY-6503).

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 5, 11 Feb 1961, pp 1231-1234.

*JPRS

Scientific
Biology (Contd)

- Some Results of Botanical Work on Fodder Crops in the Semi-Desert Country Between the Volga and Ural Rivers at the Dzhanybek Station, by I. Larin, T. Gordeyeva.
RUSSIAN, per, Dok Ak Sel'skokhoz Nauk imeni Lenina, Vol XXIII, No 4, 1958, pp 3-6. CSIRO Tr 4961
- Change in Radiosensitivity of Animals as a Result of Previous X-ray Exposure, by N. I. Nuzhdin, M. D. Pomerantseva, N. N. Kuznetsova, 21 pp.
RUSSIAN, per, Iz Ak Nauk SSSR, Ser Biol, No 6, Dec 1960, pp 851-864. JPRS 9198
- Development of the Pavlov Methods of Studying Digestion Physiology of Farm Animals, by P. Zherebtsov, V. Vraikin.
RUSSIAN, per, Iz Timiryazevskoy Sel'skokhoz Ak, Vol I, No 32, 1960, pp 77-88. CSIRO Tr 5089
- An Experiment in Obtaining Cultures From a Single Bacterial Cell, by P. I. Yemel'yanov, 6 pp.
RUSSIAN, per, Lab Delo, No 3, 1961, pp 29-31. JPRS 9315
- A New Instrument for Bacteriological Investigation of Air at Negative Temperatures, by V. S. Kiktenko, N. I. Kashanova, S. I. Kudryavtsev, N. I. Pushchin, 5 pp.
RUSSIAN, per, Lab Delo, No 3, 1961, pp 38-40. JPRS 9316
- Deep-Sea Microbes, by M. I. Gol'din, 9 pp.
RUSSIAN, per, Nauka i Zhizn', No 9, 1960, pp 36-40, 50. JPRS 4634
- Gonotrophic Cycle in Bloodsucking Midges or Gnats, by I. A. Rubtsov.
RUSSIAN, per, Parasitol Sbornik Ak Nauk SSSR, Zoo Inst, Vol XXVIII, 1958, pp 225-281. CSIRO
- Indefatigable Investigator of the Sea's Depths, by N. A. Krasil'nikov, 4 pp.
RUSSIAN, per, Priroda, Vol XLIX, No 6, 1960, pp 5, 6. JPRS 9250

Scientific
Biology (Contd)

The Effect of Certain External Factors on the Biological Features and Resistance of Miracidia and Adolescaria of the Giant Fasciola, by G. Grigoryan.

RUSSIAN, per, Trudy Armyanskogo Inst Zhivotnovod i Vet, Vol I, No 9, 1956, pp 93-99.

CSIRO 4783

Recovery Processes After Treatment in Liver Tissue of Sheep Suffering From Liver-Fluke Disease Caused by Fasciola Gigantica, by I. Sogoyan.

RUSSIAN, per, Trudy Armyanskogo Inst Zhivotnovod i Vet, Vol I, No 9, 1956, pp 107-112.

CSIRO Tr 4781

Comparative Characteristics of the Pathomorphological Changes in Sheep Fascioliasis Caused by Common and Giant Fasciolae, by N. Sogoyan.

RUSSIAN, per, Trudy Armyanskogo Inst Zhivotnovod i Vet, Vol I, No 9, 1956, pp 113-117.

CSIRO Tr 4782

Phylogenetic Relations Between Insects Belonging to the Mecopteroid Complex, by O. Martynova.

RUSSIAN, per, Trudy Inst Morfologii Zhivotnykh imeni Severtsova, No 27, 1959, pp 221-230.

CSIRO Tr 4790

The Theoretical and Practical Basis of Dry Bacterial Cultures for the Control of Harmful Rodents, by M. I. Prokhorov, 10 pp.

RUSSIAN, per, Trudy Vses Issled Inst Vet Ektoparazitov i San, Vol XV, 1959, pp 213-223.

JPRS 4632

New Parasite of the Beet Weevil - Neosaplectana Bothynoderi Kirjanova et Putschkova sp. n.

(Nematodes), by E. Kir'yanova, L. Puchkova.

RUSSIAN, per, Trudy Zool Inst Ak Nauk, Vol XVIII, 1955, pp 53-62.

CSIRO Tr 5008

Scientific
Biology (Contd)

The Biological Action of Microwaves,
by A. S. Presman, Yu. I. Kamenskiy,
N. A. Levitina, 29 pp.
RUSSIAN, per, Uspekhi Sovrem Biol, Vol LI,
No 1, 1961, pp 84-103.

JPRS 9451

The Seasonal Rhythms and Intraspecific
Geographic Differentiation in Insects,
by A. S. Danilevsky.
RUSSIAN, per, Vest Leningrad U, Ser
Biol, Geograf i Geolog, Vol XXI, 1957,
pp 93-105.

CSIRO

The Period of Retention of the Causative
Agent in Piroplasmosis of Horses
(*Piroplasma Caballi*) in the Tick *Hyalomma
Plumbeum*, by I. Abramov.
RUSSIAN, per, Veterinariya, Vol XXXII, No 3,
1955, pp 42-46.

CSIRO Tr 5071

The Epistemological Problems of Biological
Systems Modelling, by I. T. Frolov, 19 pp.
RUSSIAN, per, Voprosy Filosofii, No 2, 1961,
pp 39-51.

JPRS 4619

Selected Articles From the Russian Periodical
Zashchita Rasteniy ot Vreditel'ey i Bolezni.

Vol VI, No 1, 1961.

JPRS 9397

Organic Phosphorus Insecticides,
by P. V. Popov, 16 pp, (pp 37-40.)

Organization of Quarantine and of Plant
Protection in Czechoslovakia, by I. Svitil,
6 pp. (pp 50-52)

All-Union Conference for the Study of
Termites, by V. A. Lozinskiy, 4 pp.
(pp 62-63.)

Scientific
Biology (Contd)

Selected Articles From the Russian Periodical
Zashchita Rasteniy ot Vreditel'ey i Bolezni. (Contd)

Vol VI, No 2, 1961

*USDA

Seed Disinfectants, by K. S. Mushnikova,
(pp 33-37.)

Races of Phytophthora, by T. I. Fedotova,
N. N. Kozhovnikova, (p 38.)

Crossbreeding as a Method of Increasing Fat
Content of Milk, by M. M. Lebedev,
V. A. Goryashin.

RUSSIAN, per, Zhivotnovodstvo, No 12, 1960,
pp 42-49.

*USDA

Selected Articles From the Russian Periodical
Zool Zhur.

Vol XLIX, No 7, 1960, pp 1062-1068.

CSIRO Tr 5152

Biological Significance of Scent Glands in
Mammals, by P. Tarasov.

Vol XXXIX, No 9, 1960.

*JPRS

Scientific Notes of the Odessa Biological
Station of Institute of Hydrobiology,
Academy of Sciences Ukrainian SSR, by
N. I. Tarasov, (NY-6502), (pp 1444-1445.)

Conference on Methods for Controlling
Harmful Pests Present in the Soil, by
M. M. Aleynikova, (NY-6503), (pp 1446-1448.)

Vol XL, No 2, 1961.

*USDA

Natural Resources of Feed Proteins in
Reservoirs of the USSR and Ways of
Utilizing Them for Raising Livestock,
by A. V. Fedyushin, (pp 159-163.)

Autoradiography as a Method to Reveal
Labelled Rodents and Their Ectoparasites
When Studying Migration Problems,
by B. L. Shura-Bura, V. P. Kharlamov,
(pp 258-263)

Scientific
Biology (Contd)

The Necessity of Full Mechanical and Biological Purification of Sewage Water From the City of Sofia, by Iv. Ivanovich, 12 pp. BULGARIAN, per, Khidrotehnika i Melioratsii, Vol V, No 4, 1960, pp 103-107.

JPRS 8160

Excerpts From Biological Decay of Technical Materials, by H. J. Hueck, 14 pp. DUTCH, per, T.N.O.-NIEUWS, Vol CL, Sep 1958, 2 Dec 1960, pp 398-405.

AEC SCL-T-350

Processing of Sap, by F. R. Bennett, K. Langrod, 5 pp. GERMAN, rpt, Aluminum Industrie Aktien Gesellschaft, Neuhausen, Switzerland, 18 Dec 1958.

AEC NAA-Sr-Memo-3894

Studies in Variations in Thickness of Foliage Leaves, by F. Bachmann. GERMAN, per, Jahrbucher fuer Wissenschaftliche Botanik, Vol LXI, No 4, 1955, pp 372-429.

CSIRO Tr 5001

Observations on the Acquisition of Food by the Naticid, *Lunatia Nitida* Donovan (Gastropoda Prosobranchia), by E. Zieglmeyer, 25 pp. GERMAN, per, Helgolander Wissenschaftliche Meeresuntersuchungen, Vol V, No 1, 1954, pp 1-32.

Fisheries Res B,
Canada Biol Sta,
St. Andrews, N.B.

Wilt Toxins and Antibiotics. 20. Induced Protective Substances in Orchids, by A. Boller, et al. GERMAN, per, Helvetica Chimica Acta, Vol XL, No 4, 1957, pp 1062-1066.

CSIRO Tr 4378

Reports From Institute of Applied Physiology on Algal Cultivation, by Franz Kossler. GERMAN, per, Institut fuer Angewandte Physiologie: Algenkultur, 13 Mar, 15, 27 Apr 1959.

ACSI H-7395
ID 2113489

Contribution to the Biology Especially the Ethology and Psychology of the Anatidae, by O. Heinroth, GERMAN, per, International Ornithological Congress, Vol V, 1910, pp 589-702.

Fisheries Res B
Canada Biol Sta,
St. Andrews, N. B.,

Scientific
Biology (Contd)

Investigations of Chlorophyllase,
by H. Mayer.
GERMAN, per, Planta, Vol XI, 1930,
pp 294-304, 328-330.

CSIRO Tr 5054

Chelidonium Majus, the Common
Celandine, by O. Wetter.
GERMAN, per, Planta Medica, Vol III,
No 2, 1955, pp 33-37.

CSIRO Tr 5125

Distribution and Organization of Benthic
Microfauna in Kiel Bay, by A. Remanes, 49 pp.
GERMAN, per, Wissenschaftlich Meeresunter-
suchungen, 1933, pp 161-220.

Fisheries Res B
Canada Biol Sta,
St. Andrews, N. B.
Tr No 623

Influence on Ensilage on the Amino-Acid
Content of Lucerne, by K. Scharrer,
K. Raker.
GERMAN, per, Z fuer Tierphysiologie,
Tierernahrung und Futtermittelkunde,
Vol XIII, No 2, 1958, pp 65-73.

CSIRO Tr 4733

Biology of Development of Fasciola Hepatica
Larvae, Especially the Influence of H-Ion
Concentration on the Hatching of the
Miracidia, by O. Mattes.
GERMAN, per, Zool Anzeiger, Vol LXIX, 1927,
pp 138-155.

CSIRO Tr 4702

Comparison of Two Methods of Estimating
the Milk Production of Nursing Ewes,
by Y. Vera, A. Vega.
ITALIAN, per, Archivos de Zootecnia,
Vol V, No 20, 1956, pp 322-347.

CSIRO Tr 4672

Sulphur and Its Compounds in Plant Ecology,
by G. Gola, 27 pp.
ITALIAN, per, Malpighia, Vol XVI, 1903, pp
368-392.

AEC NP Tr-556

Phase Contrast Microscopic and Electron
Microscopic Observation of Mast Cells,
by Misao Hagihara, 37 pp.
JAPANESE, per, Acta Haematol, Vol XXIII,
1960, pp 747-766.

AEC UCRL-Trans-652

Scientific
Biology (Contd)

Experiment in Flower Formation. 1,
by I. Nakayama.
JAPANESE, per, Japan Ecological Review,
Vol XII, No 1/2, 1949, pp 48-52.

CSIRO Tr 4557

Life History of the Sheep Blowfly,
by K. Buei.
JAPANESE, per, Scientific Insect Control,
Vol XXIV, No 3, 1959, pp 115-118.

CSIRO Tr 4858

Herring Fishing Trials With the "Neptunus"
1956, by Jakob Jakobsson, 5 pp.
NORWEGIAN, per, Aegir, Vol XLIX, No 22,
1956, pp 343-347.

Fisheries Res B
Canada Biol Sta,
St. Andrews, N. B.

Herring Fishing Trials With the Neptunus
1958, by Jakob Jakobsson, 6 pp.
NORWEGIAN, per, Aegir, Vol LII, No 5, 1959,
pp 1-6.

Fisheries Res B
Canada Biol Sta,
St. Andrews, N. B.

A Little About Parasitic Nematodes
(Roundworms) in Fish, by Bjorn Berland,
8 pp.
NORWEGIAN, per, Fauna, Vol XI, No 1, 1958,
pp 1-11.

Fisheries Res B
Canada Biol Sta,
St. Andrews, N. B.
Tr No 650

Study of "Tristeza" (Babesiasis).
Development of Piroplasma Bigeminum
in the Tick (Boophilus Microplus Can.
Lah), by F. Rosenbusch.
SPANISH, per, Revista Universidad Buenos
Aires, Vol V, No 5, 1927, pp 863-867.

CSIRO Tr 4650

Scientific
Chemistry

Radiation Chemistry, Its Basic Directions
and Problems, by N. A. Bach, P. I. Dolin,
20 pp.
RUSSIAN.

OTIA 8678

The Magnetic Properties and Structure of
Matter, by Ya. G. Dorfman, 364 pp.
RUSSIAN, rpt, 1955.

AEC Tr-4507

Properties of Caprone, 4 pp.
RUSSIAN, bk, Detali Mashin iz Kaprona,
Series IV, 1961 pp 7-14.

JPRS 9301

III. On a Dictionary of Chemical Com-
pounds, by E. D. Stotskiy, 5 pp.
RUSSIAN, bk, Doklady na Konferentsii po
Obrabotke Informatsii, Mashinnomu Perevodu
i Avtomaticheskomu Chteniyu Teksta, No 4,
1961, pp 1-6.

JPRS 8372

V. On Certain Systems for Recording
Structural Formulas in Organic Chemistry,
by G. E. Vleduts, E. D. Stotskiy, 11 pp.
RUSSIAN, bk, Doklady na Konferentsii po
Obrabotke Informatsii, Mashinnomu Perevodu i
Avtomaticheskomu Chteniyu Teksta, No 4, 1961,
pp 1-14.

JPRS 8372

Concerning the Roles of Physics and
Chemistry in the Study of Biological Problems,
by G. M. Frank, V. A. Engel'gardt, 46 pp.
RUSSIAN, paper, O Roli Fiziki i Khimii v
Issledovanii Biologicheskikh Problem, 1959.

JPRS 9073

Sampling Devices for Measuring pH and the
Redox Potential in Pulp Bleaching,
by V. A. Alexander, G. I. Shulkin.
RUSSIAN, per, Bumaz Prom, No 5, 1959, pp 19-.

CSIRO

Relationship Between the Service Life
Under Load and the Stress Applied for
Ferrous Cermet Samples in Alpha- and Gamma-
Phase, by B. Ya. Pines, A. F. Sirenko.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 2,
1959, pp 310-313. 9661857.

ATIC MCL 616/1

Scientific
Chemistry (Contd)

The Production and Properties of
Scandium Diboride, by G. V. Samsonov,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol
CXXXIII, No 6, 1960, pp 1344-1346.
9076991

DSI 710

Vacuum Refining of Niobium, by
R. A. Ul'yanov, Ye. P. Nechiporenko,
N. D. Tarasov.

RUSSIAN, per, Fiz Metal i Metallov,
Vol XII, No 3, 1961, pp 461-464.

*ATIC MCL-1145/1

The Analysis of Organic Fluorine
Compounds, by N. S. Nikolayev.

RUSSIAN, per, Iz Ak Nauk SSSR,
Otdel Khim Nauk, 1945, p 309.

DSIR LLU M.1672
(loan)

Chemical Transformations of Dialkoxytitanium
Oxides, by A. N. Nesmeyanov, O. V. Nogina,
A. M. Berlin, et al, 25 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim
Nauk, No 7, 1960, pp 1206-1214.

JPRS 9240

General Meeting of the Department of
Chemical Sciences of the Academy of
Sciences USSR on 24 March 1960, 13 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, - Otdel
Khim Nauk, No 7, 1960, pp 1313-1315.

JPRS 9241

Selected Articles From the Russian Periodical
Iz Vysshikh Ucheb Zaved, Chern Metal.

No 11, 1960, pp 20-26.

HB 5093

Desulphurization of Steel and Slag
in the Arc Furnace by Electric Current,
by O. A. Bain, et al.

No 1, 1961.

Kinetic Relationships Governing the
Direct Oxidation of Elements in Liquid
Iron, by S. I. Filippov, S. Z. Martynov.
(pp 5-11)

*HB 5134

Laboratory Study of the Nitrogen Elimina-
tion From Liquid Cr-Ni (18-8) Steel With
Titanium, by Yu. G. Gurevich, (pp 21-30.)

*HB 5135

Scientific
Chemistry (Contd)

Selected Articles From the Russian Periodical
Iz Vysshikh Ucheb Zaved, Chern Metal. (Contd)

No 2, 1961.

Elimination of H_2 From Liquid Steel
Flushed With Gases, (pp 22-31)

*HB 5151

Dust Formation in the Melting Chamber
of a Large O. H. Furnace, (pp 39-44.)

*HB 5150

On the Scientific Work of the Chairs of the
Kiev Technical Institute of the Light Industry,
by N. N. Pozhivayev, (NY-6568).
RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Tekh
Legkoy Prom, No 6, 1959, pp 6-10.

*JPRS

Certain Results of the Work of Ukrainian
Scientific Research Institute of the
Leather-Shoe Industry, by G. V. Livvy,
(NY-6568).
RUSSIAN, per, Iz Vysshikh Ucheb Zaved,
Tekh Legkoy Prom, No 6, 1959, pp 11-17.

*JPRS

Properties of Butadiene-Acrylonitrile
Copolymers, by P. A. Vinogradov, et al.
RUSSIAN, per, Kauchuk i Rezina, Vol X,
1958, pp 5-10.

CSIRO

Investigations of New Types of Plastics,
by I. A. Bikson, A. N. Petrova.
RUSSIAN, per, Khim Mash, No 4, 1960,
pp 28, 29. 9661811.

ATIC MCL 765/1+2

Selected Articles From the Russian
Periodical Khim Prom.

No 5, 1957, pp 54-61.

ATIC MCL F-TS-9851/III

Epoxy Lacquer Resins, by M. F. Sorokin,
22 pp.

No 2, 1958, p 96.

CSIRO

Mechanical Carry-Over of Liquid by
Vapour in Evaporator, by N. I. Gel'perin,
V. B. Kogan.

Scientific
Chemistry (Contd)

Selected Articles From the Russian
Periodical Khim Prom. (Contd)

No 3, 1958, pp 10-18.

AEC TT-922

The Influence of Mass and Heat Transfer
Processes on the Ethylene Oxidation
Reaction Rate, by M. G. Slin'ko, 30 pp.

No 8, 1959. 9661794

ATIC MCL 664/V

Basic Technological Characteristics of
Apparatus for Conducting Radio-Chemical
Processes (in Particular for Polymerization
of Ethylene) on an Industrial Scale,
by N. P. Syrkus, A. Kh. Breger
B. I. Vaynsteyn, (pp 647-652.)

Production of Foamy Polystyrene With
The Aid of Saturated Low-Boiling
Hydrocarbons, by V. M. Nepyshnevskiy,
G. M. Sinayskiy, (pp 672-674.)

Metallic Membranes: Silver Membranes, by
F. A. Santalov, R. E. Neyman, 12 pp.
RUSSIAN, per, Kolloid Zhur, Vol III. 1937,
pp 273-280.

AEC Tr-4530

Stabilization of Aluminum Sols in Benzene by
Surfactants, by M. A. Lunina, M. F. Kolosova.
RUSSIAN, per, Kolloid Zhur, Vol XXIII, No 2,
1961, pp 170-172.

*ATIC MCL-1214/1

Great Demand for Herbicide Produced by Ufa
Chemical Plant, by A. Tsyplankov, 3 pp.
RUSSIAN, np, Komsomol'skaya Pravda,
4 Feb 1961.

JPRS 9279

Investigations of the Temperature and Rate
of Working as Factors in the Plastic
Deformation of Metals, by N. P. Ageyev.
RUSSIAN, per, Kuznechno-Shtampovochnoye
Proiz, Vol II, Jul 1960, pp 17-21.

*BISI E 2282

Formation Time of the Martensite Crystal,
by V. N. Arskiy, 21 pp.
RUSSIAN, per, Metal i Obrabotka Metal,
No 11, 1956, pp 26-29.

AEC UCRL-Trans-647(L)

Scientific
Chemistry (Contd)

Effect of Heating in Hydrogen at High Temperature on the Embrittlement of Welds, by L. S. Livshits, L. P. Bakhrakh, I. D. Grebeshkova, V. P. Teodorovich. RUSSIAN, per, Metal i Term Obra Metallov, No 9, 1959, pp 52-55.

HB 4975

Effect of Cold Work and Annealing on the Anelasticity of L62 [62 Percent Cu] Brass, by S. O. Tsobkallo, Z. A. Vashchenko. RUSSIAN, per, Metal i Term Obra Metallov, No 10, 1959, pp 38-42.

HB 4986

The Question of Cleaning O. H. Furnace Gases to Extract Dust, by Yu. V. Krasovitskiy. RUSSIAN, per, Metallurg, Vol V, No 9, 1960, p 21.

MT 152

Formation and Motion of Dislocations in Nickel and in Ni-Cr Alloy, by O. I. Mgebryan. RUSSIAN, per, Nauch Dok Vyss Skholy-Metall, No 2, 1959, pp 202-206. 9661828.

ATIC MCL 477/1

Polymers-Semiconductors, by V. Azernikov, 5 pp. RUSSIAN, per, Nauka i Zhizn, No 2, 1961, pp 8-10.

JPRS 4592

Absorption of UV Irradiation by Water, by N. P. Grudinkina, 8 pp. RUSSIAN, per, Optika i Spektroskopiya, Vol I, 1956, pp 658-662.

AEC Tr-4358

The Infrared Absorption Spectrum of Ag₂O, by E. F. Gross, F. I. Kreynol'd, 3 pp. RUSSIAN, per, Optika i Spektroskopiya, Vol X, No 3, 1961.

USASIA Tr-1154

New Polymers of the Catalytic Polymerization of Organosiloxanes, by K. A. Andryanov, S. I. Dzhenchel'skaya, Yu. K. Petreshko. RUSSIAN, per, Plasticheskiye Massy, No 3, 1960, pp 20-23. 9661814.

ATIC MCL 729/1+2

Strange States of Matter, by A. I. Kitaygorodskiy, Yu. V. Mnyikh, (NY-6512). RUSSIAN, per, Priroda, No 3, 1961, pp 9-14.

*JPRS

Scientific
Chemistry (Contd)

Application of the Emanation Method to the Study of Processes Occurring in Solids During Their Heating, by K. B. Zaborenko, A. M. Babeshkin, V. A. Beyevska, 10 pp. RUSSIAN, per, Radiokhim, Vol I, 1959, pp 336-345.

AEC Tr-4554

Effect of α Irradiation of Polonium on Concentrated Sulphuric Acid Solutions, by M. V. Vladimorova, Z. V. Ershova, 10 pp. RUSSIAN, per, Radiokhim, Vol II, 1960, pp 495-499. 9065202

AEC Tr-4518

The Elimination of Iron From Waters With the Use of Cellulose, by Y. M. Kostrikin, I. N. Gofman, V. A. Ivanova. RUSSIAN, per, Teploenergetika, Vol XIII, No 7, 1960.

*ATIC MCL-1056/1+2

Relaxation and Creep of Natural and Densified Wood Under Compression, by P. Khukhryanskiy. RUSSIAN, per, Trudy Inst Lesa Ak Nauk SSSR, Vol IX, 1953, pp 337-346.

CSIRO Tr 4802

Dual Reactivity and Tautomerism, by M. I. Kabachnik, 15 pp. RUSSIAN, per, Vest Ak Nauk SSSR, No 6, 1960, pp 52-60.

JPRS 9068

Exhibition of National Economic Achievements (VDNKh) USSR, 18 pp. RUSSIAN, per, Zashchita Rasteniy ot Vrediteley i Bolezni, Vol VI, No 1, 1961, pp 10-14.

JPRS 9397

Volume of Aviation Chemical Works Increased by Three Times, by D. G. Gutrov. RUSSIAN, per, Zashchita Rasteniy ot Vrediteley i Bolezni, No 2, 1961, p 11.

*USDA

Analysis of Fluoro-Organic Compounds. Concerning the Simultaneous Micro-determination of Fluorine Carbon and Hydrogen by Means of Pyrohydrolysis, by N. E. Gelman, M. O. Korshun, K. I. Novozhilova. RUSSIAN, per, Zhur Anal Khim, Vol XV, No 2, 1960, pp 222-226.

*ATIC MCL-1238/1

Scientific
Chemistry (Contd)

Analysis of Fluoro-Organic Compounds.
Simultaneous Microanalysis of Fluorine
Carbon and Hydrogen, by N. E. Gel'man,
M. O. Korshun, K. I. Novozhilova.
RUSSIAN, per, Zhur Anal Khim, Vol XV,
No 3, 1960, pp 342-346.

*ATIC MCL-1239/1

Analysis of Fluoro-Organic Compounds.
Simultaneous Micro-Analysis of Fluorine
Carbon and Hydrogen in Low-Boiling and
Gaseous Compounds, by N. E. Gel'man,
M. O. Korshun, K. I. Novozhilova.
RUSSIAN, per, Zhur Anal Khim, Vol XV,
No 5, 1960, pp 628-634.

*ATIC MCL-1240/1

Interaction Between the Chlorides of Rare-
Earth Metals and Chlorides of Alkali and
Alkali-Earth Metals, by Yin-chu Sung,
I. S. Morozov, 15 pp.
RUSSIAN, per, Zhur Neorgan Khim, Vol III,
1958, pp 1914-1924.

AEC Tr-4423

The Problem of the Electron Structure and
Conditions for Forming Borides of the MeB_6
Type, by V. S. Neshpor, G. V. Samsonov.
RUSSIAN, per, Zhur Neorg Khim, Vol IV,
1959, No 9, pp 1967-1969. 9662358

ATIC MCL 460/1

Nickel-Aluminum Alloy With a Low Coefficient
of Linear Expansion, by I. I. Kornilov,
R. S. Mints.
RUSSIAN, per, Zhur Neorg Khim, Vol IV,
No 9, 1959, pp 2169-2171. 9662358.

ATIC MCL 460/1

Wettability of Borides and Carbides by
Liquid Metals, by V. N. Yermenko,
Yu. V. Naydich.
RUSSIAN, per, Zhur Neorg Khim, Vol IV,
No 9, 1959, pp 2052-2057. 9662358

ATIC MCL 460/1

Selected Articles From the Russian Periodical
Zhur Vses Khim Obshch imeni D. I. Mendeleeva.

Vol V, No 5, Oct 1960.

JPRS 9293

Organic Dyestuffs-Semiconductors and
Their Photoelectric Characteristic,
by A. M. Terenin, 23 pp, (pp 498-506.)

Scientific
Chemistry (Contd)

Selected Articles From the Russian Periodical
Zhur Vses Khim Obshch imeni D. I. Mendeleeva,
(Contd).

Vol V, No 5, Oct 1960.

JPRS 9293

The Semiconductor Properties of
Polymer Materials, by V. A. Kargin,
A. V. Topchiyev, B. A. Krentsel,
L. S. Polak, B. E. Davydov, 19 pp,
(pp 507-514.)

New High-Temperature Semiconductors
and Their Application, by G. V. Samsonov,
17 pp, (pp 515-521.)

The Chemistry of Diamond-Like Semi-
conductors, by N. A. Goryunova, 36 pp,
(pp 522-534.)

Chemical Reactions of the Surface of
Germanium, Silicon, and Their Electronic
Analogues, by O. V. Krylov, V. M. Frolov,
24 pp, (pp 535-543.)

Vitreous Semiconductors, by B. T. Kolomiets,
13 pp. (pp 553-557.)

Physicochemical Analysis of Semiconductors,
by N. P. Luzhnaya, 21 pp, (pp 562-569.)

Radioactivation Analysis of Pure Materials
and Prospects of Its Development, by
V. I. Baranov, Yu. A. Sarkov, G. M. Chernov,
Yu. V. Yakovlev, 9 pp, (pp 570-573.)

Physicochemical Problems of Dielectrics,
by A. A. Vorob'yev, Ye. K. Zavadovskaya,
V. V. Boldyrev, etc, 25 pp, (pp 573-582.)

News Briefs on Technical Revolution, 4 pp.
CHINESE, per, Hua-hsueh Kung-yeh, No 8,
21 Apr 1960, p 26.

JPRS 4641

Experience and Direction of Improvement in
Contact Sulfur Production, 5 pp.
CHINESE, per, Hua-hsueh Kung-yeh, No 8,
21 Apr 1960, pp 42-44.

JPRS 4641

Scientific
Chemistry (Contd)

Several Types of Automatic Analyzers Which We Have Built, by Wu Chun-chou, 4 pp.
CHINESE, per, Hua-hsueh Kung-yeh, No 8, 21 Apr 1960, pp 45-47.

JPRS 4641

Determination of Ca in the Presence of Large Amounts of Mg, by V. Tichomirova, O. Simackova.
CZECH, per, Chemicke Listy, Vol LIX, 1956, pp 1925-1927.

CSIR

Problems of Analytical Determination of C:C Bonds, by Bretislav Budesinsky, 52 pp.
CZECH, per, Chemicke Listy, Vol LIII, 1959, pp 997-1028.

AEC tr-4477

Corrosion in Heterogeneous Nuclear Reactors, by V. Cihal, I. Sekerka.
CZECH, per, Hutnicke Listy, Vol XIV, 1959, pp 978-984.

FELTHAM

Analytical Chemistry of Arsenic, Antimony and Copper in Steels and Iron Ores, by S. Gomiscek.
CZECH, per, Rudarsko-Metalurski Zbornik, Vol I, 1959, pp 51-62.

HB 5113

The Diffusion of Radioactive Zinc Into Zinc-Iron-Spinel and Into Zinc Oxide, by R. Lindner.
DANISH, per, Acta Chemica Scandinavica, Vol VI, 1952, pp 457-467.

CSIRO

Use of Mannogalactan Vegetable Gums in the Paper Industry, by Karna, Nordman.
FINNISH, per, Paperi Ja Puu, Vol XL, No 2, 1958, pp 45.

CSIRO

Grinding of Samples for Analysis, by P. Daignaud.
FRENCH, per, Bulletin de la Societe Francaise de Ceramique, Vol XLIV, 1959, pp 71-.

CSIRO Tr 5131

Rapid Automatic Analysis by X-Ray Fluorescence of Ore Powders and Solutions From Hydrometallurgical Works in the Union Miniere du Haut Katanga, by A. Bans.
FRENCH, per, Chimie Analytique, May 1960, pp 236-244; Jun 1960, pp 282-286.

BISI 2073

Scientific
Chemistry (Contd)

Spectrophotometry of Murexide Complexes
With Earth-Alkali Metal Salts and With
Magnesium Salts, by H. Feschotte-
Ostertag.

FRENCH, per, Comptes Rendus de l'Academie
des Sciences, Vol CCL, No 6, 1960, pp 1061-1063.

CSIRO Tr 5030

The Thermoelectric Effect in Electrolytic
Solutions. III. Solutions of Potassium
in Liquid Ammonia Compared With the Fermi
-Dirac Electron Gas, by Gerard Frappe,
Gerard Lepoutre. 12 pp.

FRENCH, per, J Chim Phys, Vol LIV, 1957,
pp 242-245.

AEC Tr-4263.

Application of Gas Phase Chromatography
to the Determination of Hydrogen, Nitrogen
and Oxygen in Steels and Cast Irons, by
P. Tyou, A. Hans.

FRENCH, per, Revue de Metallurgie, Vol LVIII,
Feb 1961, pp 187-193.

*BISI 2174

Process for Preparing High Molecular Weight
Polyalkene Films With Improved Hydrophilic
Properties.

FRENCH, Belgian Patent 580,570.

CSIRO

Improved Processes for the Separation
of Organic Compounds, 20 pp.

FRENCH, Patent No 1,068,677.

Patent Office

Improved Solvents for Preparing Hydrogen
Peroxide by Hydrogenation and Oxidation
of Anthraquinones, 5 pp.

FRENCH, Patent No 1,092,393.

Patent Office

Electrode Potentials of Sodium and Potassium
in Liquid Ammonia, by W. A. Pleskow,
A. M. Monosohn, 11 pp.

GERMAN, per, Acta Physicochim URSS, Vol II,
1935, pp 615-620.

AEC Tr-4250

The Role of the Adiabatic Exponent in
Chemically Variable Gas Mixtures,
by Irene Sanger-Bred't.

GERMAN, per, Der Adiabatenexponent Bei
Chemisch Veranderlichen Gasgemischen,
Vol VI, 1955, pp 35-66. 9661823.

ATIC MCL 702/1+2

Scientific
Chemistry (Contd)

Use of Saponifiable Emulsifiers in the
Plastics Field, by G. Messwarb, E. Paschke,
et al.

GERMAN, per, Angewandte Chemie, Vol LXXI,
No 19, 1959, pp 604-608.

CSIRO

On The Influence of Oxygen Pressure on
the Oxidation Rate of Pure Iron, by
A. Rahmel, H. J. Engell.

GERMAN, per, Archiv Eisenhüttenwesen,
Vol XXX, Dec 1959, pp 743-746.

*BISI 2211

Investigations into the Recrystallization
of a Ferritic 27% Cr Steel, by H. Borchers.

GERMAN, per, Archiv Eisenhüttenwesen,
Vol XXXI, Mar 1960, pp 177-182.

*BISI 1836

Effect of Cu on Properties of Austenitic
Ni-Cr Steels, by T. Ramchandran, et al.

GERMAN, per, Archiv Eisenhüttenwesen,
Vol XXXII, Mar 1961, pp 173-185.

*BISI 2190

Cetyl-Phosphoric Acid, by Joachim Biehringer,
5 pp.

GERMAN, per, Berichte Deutsche Chemische
Gesellschaft, Vol XXXVIII, 1905, pp 3974-3977.

AEC UCRL-Trans-483(L)

A Rapid Flame-Photometric Method for the
Determination of Na_2O and K_2O in Various
Refractories, by K. Konopický, W. Schmidt.

GERMAN, per, Berichte der Deutschen Keramischen
Gesellschaft, Aug 1960, pp 368-371.

BISI 2029

Gas Chromatography II. Application to Gases
in Industrial Laboratories, by O. Horn, et al.

GERMAN, per, Brennstoff-Chemie, Vol XXXIX,
No 21/22, 1958, pp 336-.

CSIRO

Unsaturated Aldehydes and Ketones. 3.
Synthesis of the Violet-Leaf Aldehyde
Trans, Cis-Nonadiene-(2,6)-al-(1),
by C. Jutz.

GERMAN, per, Chemische Berichte, Vol XCII,
No 9, 1959, pp 1983-1989.

CSIRO Tr 4956

Extensibility and Elasticity of Sizing
Agents, by K. Schmutzner.

GERMAN, per, Deutsche Textiltechnik, Vol VIII,
No 11, 1958, pp 542-548.

CSIRO Tr 4795

Scientific
Chemistry (Contd)

Relationships in the Thermal Cracking of Hydrocarbons to Acetylene and Ethylene, by H. Krekeler, R. Wirtz, et al.
GERMAN, per, Erdol und Kohle, Vol XII, No 5, 1959, pp 353-358.

CSIRO

Cracking of Gaseous Hydrocarbons by Partial Oxidation, by E. Bartholome, H. Nonnenmacher.
GERMAN, per, Erdol und Kohle, Vol XII, No 5, 1959, pp 359-364.

CSIRO

Rationalisation of Material Flow in the Paint and Varnish Industry, by A. Fackelmeyer.
GERMAN, per, Farbe und Lack, Vol LXV, No 9, 1959, pp 513-519.

CSIRO

Theoretical Set Characteristic of a Set of Cards for Woollen Yarn, by E. Boroczy.
GERMAN, per, Faserforschung und Textiltechnik, Vol X, No 6, 1959, pp 282-289.

CSIRO 4868

Corrosion of Cans, by R. Mossdorf.
GERMAN, per, Fleischwirtschaft, Vol XII, No 6, 1960, pp 443-445.

*BISI 2209

Infrared Spectra of Chain Molecules of the Formula $R'C^O(CH_2CH_2)_nC^OR$. 1. Fundamental Tones for Rocking and Twisting, by H. Primas, H. Gunthard.
GERMAN, per, Helvetica Chimica Acta, Vol XXXVI, 1953, pp 1659-1670.

CSIRO Tr 5029

Recent Progress in the Field of Oxide-Carbide Cutting Ceramics and Their Applications, by H. Randbahn.
GERMAN, per, Industrie-Anzeiger, Vol LXXXII, No 2, 1960, pp 11-14.

CSIRO Tr 5102

Corrosion Problems in the Refrigeration Industries, by H. Arup.
GERMAN, per, Kulde, Vol XIII, 1959, pp 18-20.

CSIRO Tr 4991

Scientific
Chemistry (Contd)

New Knowledge of Pickling With Phosphoric Acid and the Treatment of Waste Water, by R. Moran.

GERMAN, per, Metall-Rein Vorbeh, Vol XIX, May 1960, pp 69-71.

*BISI E 2280

Determination of Carbon and Hydrogen in Organic Compounds; Efficiency of Combustion Catalysts II, by J. Horacek, J. Korbl, V. Pechanec.

GERMAN, per, Mikrochimica Acta, Jan 1960, pp 295-298.

Weapons Research Estab

The Resistance of a Blast Furnace Carbon Lining to Attack by Certain Agents, by J. Janowski, E. Mazanek.

GERMAN, per, Neue Hutte, Vol V, Dec 1960, pp 743-752.

BISI 2056

Model Tests Concerning the Application of Starch and CMC in Sizing Presses, by O. Arneberg.

GERMAN, per, Papier, Vol XII, No 5/6, 1958, pp 81-86.

CSIRO

On the Weldability of Stable Cr-Ni Steels With High Mo and Mo-Cu Contents, by A. Schmidt.

GERMAN, per, Schweisstechnik, Vol XII, Dec 1958, pp 153-156.

*BISI 2194

Effect of Uneven Particle-Size Distribution on the Strand-Sintering Temperature of Iron-Ores, by O. Steinhauer, K. Zehe.

GERMAN, per, Stahl und Eisen, Vol LXXXI, No 2, 1961, pp 88-95.

HB 5063

Fundamentals of the Treatment of the Waste Gases in the Oxygen Top Blowing Processes, by H. Hoff.

GERMAN, per, Stahl und Eisen, Vol LXXXI, No 9, 1961, pp 562-571.

*HB 5159

Comparative Examination of Iron Oxide Aerosols and a Simple Method of Producing Them, by A. Schutz.

GERMAN, per, Staub, 1 Aug 1959, pp 291-296.

BISI 2257

Scientific
Chemistry (Contd)

Observations of the Creasing Properties of
Worsted Fabrics Made of Blends of Wool,
Staple Fibre and Synthetic Fibres,
by B. Sziraki.

GERMAN, per, Textil Praxis, Vol XIV,
No 12, 1959, pp 1276-1278.

CSIRO Tr 4888

Chemical Testing of Wool by Fractionation
and Viscosity Measurements, by A. Engeler,
W. Schefer.

GERMAN, per, Textil-Rundschau, Vol XIV,
1959, pp 307-315, 375-385.

CSIRO

Reaction Mechanism of Atmospheric Corrosion
of Metals in Moist Air Contaminated With
Sulphur Dioxide, by K. Barton, et al.

GERMAN, per, Werkstoffe und Korrosion,
Vol X, No 6, 1959, pp 377-383.

ATS 625-GJ

Application of the Polarization Curve
to the Examination of Local Corrosion of
Stainless Steels, by J. M. Defranoux.

GERMAN, per, Werkstoffe und Korrosion,
Vol X, No 7, 1959, pp 425-429.

ATS 75M41G

The Breakdown by Chlorine Ions of the
Passivation Layers of Austenitic 18/8
Cr-Ni Steels, by H. J. Rochas.

GERMAN, per, Werkstoffe und Korrosion,
Vol XI, No 6, 1960, pp 352-356.

ATS 623-GJ

Specific Volumetric Analytical Method
for Nitrite, by H. W. Kaloumenos.

GERMAN, per, Werkstoffe und Korrosion,
Vol XI; No 10, 1960, pp 626.

BCIRA 987

Wider Use of Flame Photometry,
by X. Konopicky, W. Schmidt.

GERMAN, per, Z fuer Analytische
Chemie, Vol CLXXIII, No 5, 1960,
pp 358-369.

ACSIL 1416

Note on the Blue Solutions of Sodium in
Methylamine, by Gerhard Hohlstein,
Ulrich Wannagat, 25 pp.

GERMAN, per, Z Anorg und Allgem Chem,
Vol CCLXXXIV, 1956, pp 191-196.

AEC Tr-4248

Scientific
Chemistry (Contd)

Isentropic Phase Changes in Dissociating Gases and the Method of Sound Dispersion for the Investigation of Homogeneous Gas Reactions With Very High Speed, by Gerhard Kamkohler, 41 pp.
GERMAN, per, Z fuer Elektrochemie, Vol XLVIII, No 3, 1942, pp 177-193.

AEC NACA-TM-1269

Experimental Results on Passive Iron, by K. G. Weil.
GERMAN, per, Z fuer Electrochemie, Vol LXII, No 6/7, 1958, pp 638-641.

ATS 630-GJ

Thickness and Structure of Passivating Oxide Layers on Iron, by K. J. Vetter.
GERMAN, per, Z fuer Electrochemie, Vol LXII, No 6/7, 1958, pp 642-648.

ATS 636-GJ

Paper Chromatographic Investigations of Humus Substances, Humic-Acid Preparations and Model Substances, by H. Scharpenseel.
GERMAN, per, Z fuer Pflanzenernahrung, Dungung und Bodenkunde, Vol LXXXVIII, No 2, 1960, pp 97-115.

CSIRO Tr 4996

Process and Apparatus for Producing a Mixture of Liquid Hydrocarbons Containing a Particularly Liquid Methane From Natural Gas, by Otto E. Muck, 9 pp.
GERMAN, Patent No 930,749, 951,751.

Patent Office

Testing of Textiles. Bursting Test.
GERMAN, Standard DIN 53861, 1958.

CSIRO

Goals of the Development of Scientific Research Work in the Field of Chemical Engineering and Equipment USSR, by P. G. Romankov, (DC-6098).
HUNGARIAN, per, A Magyar Tudomanyos Akademia Kemiai Tudomanyok Osztalyanak Kozlemenyei, Vol XV, No 1, 1961, pp 1-15.

*JPRS

Changes in Serum Cholinesterase Activity During Administration of Subtoxic Dosages of Alkyl Phosphates, by Laszlo Gyarmati, Gabor David, 6 pp.
HUNGARIAN, per, Honvedorvos, Vol XIII, No 1, 1961, pp 73-79.

JPRS 4676

Scientific
Chemistry (Contd)

Chromatography Applied to the Continuous Control of Industrial Plants. I. Analyses of a C₁ to C₄ Hydrocarbon Mixture, by A. Rio, et al.

ITALIAN, per, Chimica e l'Industria, Vol XLI, Dec 1959, pp 1185-1188.

BISI 2023

Contributions to the Further Knowledge of Phospho-Molybdenum Blue, by C. Ferrari.

ITALIAN, per, Gazetta Chimica Italiana, Vol LXXXI, 1951, pp 795-818.

CSIRO

Process for Preparing Chlorosulphonated Polythene and Product Obtained Thereby. ITALIAN, Patent 590,936.

CSIRO

Semi-Quantitative Analysis of a Small Amount of Metal by Paper Chromatography, by Harasawa, Hayano.

JAPANESE, per, Nihon Kagaku Zasshi, Vol LXXVIII, 1957, pp 1707-1709.

CSIRO

Some Problems in Connection With Measuring Stiffness of Paper, by W. Krohnstad.

NORWEGIAN, per, Norsk Skogindustri, Vol IX, No 10, 1955, pp 369-372.

CSIRO

Effect of Cathodic Hydrogen on the Magnetic Properties of Some Ferromagnetic Materials, by L. Kozlowski.

POLISH, per, Archiwum Hutnictwa, Vol II, No 3, Warsaw, 1957, pp 223-241.

*BISI E 2201

Soviet Chemical Nomenclature, by Gh. Rozmarin, 35 pp.

RUMANIAN, per, Buletinul Institutului Politehnic din Iasi, Vol V (IX), No 3/4, 1959, pp 177-193.

JPRS 8368

Experimental Data on the Toxicity of Cebetox Insecticide, by V. Pislaru, 5 pp.

RUMANIAN, per, Igiena, Vol X, No 1, 1961, pp 27-30.

JPRS 4678

Absorption and Escape of Hydrogen in Iron at High Temperatures, by F. Pihlstrand.

SWEDISH, per, Jernkontorets Annaler, Vol CXXI, No 5, 1937, pp 219-231.

*BISI 2224

Scientific
Chemistry (Contd)

Heartwood and the Chemistry of Heartwood,
by H. Erdtman.

SWEDISH, per, Svensk Papperstidning,
Vol LXI, No 18B, 1958, pp 625-632.

CSIRO Tr 5006

On the Theory of Electronic Processes
in Metal-Ammonia Solutions, by M. F. Deigen,
Yu. A. Tsvirbo, 41 pp.

UKRAINIAN, per, Ukrain Khim Zhur, Vol I, 1956,
pp 245-259.

AEC Tr-4260

Electricity

Selected Articles From the Russian Book
Elektricheskiye Kontakty, 1958. 9662357.

ATIC MCL 480/1

Alloys for Electrical Contacts With
Low Contact Resistance, by Z. S. Kirillova.

Alloys of Noble Metals for Electrical
Contacts Carrying Very Low Currents
and Voltages, by A. A. Rudnitskiy.

The State of Production and Normaliza-
tion of Contacts and Contact Materials
Made of Precious Metals, by V. Z. Kozlov.

The Use of New Materials for Sliding
Contacts Operating in Self-Synchronizing
Synchronous Transmission Systems,
by Ye. K. Yuferova.

Survey of Experiments and Research on
Contact Materials Made of Precious
Metals, by V. A. Mityushev.

The Role of an Electrical Contact in
the Process of Forming a Welded Joint,
by A. I. Pugin.

Scientific
Electricity (Contd)

Elementary Particles, by Yu. V. Novozhilov.
RUSSIAN, bk, Elementarnye Chastitsy,
Dec 1960, 186 pp.

ATIC MCL 480/1

A Device for Maintaining a Constant
Speed of Rotation of an A. C. Generator,
by A. P. Ustinskiy.
RUSSIAN, per, Byul Izobreteniy, No 16,
1960, pp 23, 24.

*ATIC MCL-1227/1+2

A Method of Manufacturing Printed Circuits,
Certificate No 134292, by G. M. Belevich,
I. I. Yefimenko.
RUSSIAN, per, Byul Izobreteniy, No 23, 1960.

*ATIC MCL-1235/1

VA-Characteristics of the DC and AC Arc,
by P. V. Sergeyev.
RUSSIAN, per, Elektrichestvo, No 12, 1956,
pp 25-28.

CSIRO

Power Converter From AC Into DC, by
N. S. Klimov.
RUSSIAN, per, Elektrichestvo, No 9, 1960,
pp 29-34.

*ATIC MCL-1224/1+2

Direct Current Reversing Motor-Amplifiers,
by I. P. Kopylov,
RUSSIAN, per, Iz Vysshikh Ucheb Zaved,
Elektromekh, No 7, 1960, pp 72-79.

*ATIC MCL-1132/1

Successes of Soviet Electric Spindle
Making, by N. A. Spitsyn, 7 pp.
RUSSIAN, per, Iz Vysshikh Ucheb Zaved,
Mash, No 11, 1960, pp 130-134.

JPRS 8333

A Method of Testing High-Speed DC
Circuit-Breakers With an AC Supply,
by V. Zajic, et al.
CZECH, per, Elektrotechnicky Obzor,
Vol XLV, No 2, 1956, pp 25-28.

CSIRO

Scientific
Electricity (Contd)

Temperature Rise in Iron Parts Placed
Near Conductors Carrying Heavy
Alternating Currents, by Z. Radl.
CZECH, per, Elektrotechnicky Obzor,
Vol XLVI, No 1, 1957, pp 37-41.

CSIRO

Capacitance Generators and Their
Application as High Voltage Sources of Ion
Accelerators, by Karel Malek.
CZECH, per, Elektrotechnicky Obzor,
Vol XLV, No 3, 1959, pp 138-144.
9661840

ATIC MCL 759/1+2

Power Sources: Electrification, by
P. Cortez.
FRENCH, per, La Reunion, 1960, pp 135-
137. Call DC 1 R 52, #45.

AMS

On the Development of Electrostatic
High-Voltage Generators For Medium
Voltages (20-100 kV), by F. Eckhart.
GERMAN, per, Experimentelle Technik
Der Physik, Vol III, No 2, 1955,
pp 49-57. 9662487.

ATIC MCL 182/V

Statistical Analysis of Breakdowns in
Electrical Installations, for Improvement
of the Reliability of the Service,
by K. H. Lopitzsch.
GERMAN, per, Stahl und Eisen, Vol LXXIX,
No 18, 1959, pp 1273-1280.

CSIRO

New Types of Primary Sources of Electricity
Used in Hungarian Telecommunications Engineering,
by Gyorgy Matok, 22 pp.
HUNGARIAN, per, A Magyar Tudomanyos Akademia
Muszaki Tudomanyok Osztalyanak Kozlemenyei,
Vol XXVI, No 1-4, 1960, pp 321-333.

JPRS 9338

The Direct Line From Genoa to Switzerland
Is Now Completely Electrified, by Michele Dard,
5 pp.
ITALIAN, per, Transporti Pubblici, No 9, 10,
Sep-Oct 1960, pp 1277-1281.

ACSI E-8865-B
ID 2164457

Complete Electrification, by Michele Dard,
4 pp.
ITALIAN, per, Transporti Pubblici, No 9,
10, Sep-Oct 1960, pp 1282-1286.

ACSI E 8865-A
ID 2164457

Scientific
Electricity (Contd)

Alternating Current Contact Switches
With Thermal Loads Over 100 Amperes, by
Jerzy Gajda, 5 pp.
POLISH, per, Wiadomosci Elektrotechniczne,
Vol XX, No 11, 1960, pp 301, 303.)

JPRS 9147

Switchgear for Control Equipment, by
Jerzy Lukowski, 8 pp.
POLISH, per, Wiadomosci Elektrotechniczne,
Vol XX, No 11, 1960, pp 306-309.

JPRS 9147

Low-Voltage Relay Transformers,
by Jan Zalewski, 9 pp.
POLISH, per, Wiadomosci Elektrotechniczne,
Vol XX, No 12, 1960, pp 329-334.

JPRS 9233

Scientific
Electronics

The Use of Computers for Automation of
Electric Drives, by V. P. Volosnikov,
(NY-6502).

RUSSIAN, bk, Ispol'zovaniye Vychislitel'nykh
Mashin dlya Avtomatizatsii Elektroprivodov --
Biblioteka po Avtomatike, Vol XVII, 1960,
pp 1-120.

*JPRS

Thermoelectric Generator, by V. Gurov.
RUSSIAN, bk, Poluprovodniki v Tekhnike,
1958, pp 82-90. 9662364.

ATIC MCL 446/1-

Photoelectric Phenomena, by V. Gurov.
RUSSIAN, bk, Poluprovodniki v Tekhnike,
1958, pp 91-105. 9662364.

ATI. MCL 446/1

Noise Fights in Parametric Amplifiers,
by S. V. Pertsov.
RUSSIAN, bk, Poluprovodnikovyye Pribory
i ikh Primenen'ye. Sbornik Statey, No 7,
1960, pp 63-91.

*ATIC CL-1230/1

Nemag/Negative-Mass Amplifier-Generator,
by A. L. Zakharov.
RUSSIAN, bk, Poluprovodnikovyye Pribory
i ikh Primeneniye Sbornik Statey, No 6,
1960, pp 103-124.'

*ATIC MCL-1262/1+2

Radio Wave Propagation, by Ya. G. Varaskin,
10 pp.
RUSSIAN, bk, Radioelektronika v Voennom
Dele, 1958, pp 33-41. 9662336

USASIA Tr-1155

Superpower Ultrasonic Sending Transducer,
by Yu. Ya. Borisov, L. O. Makarov.
RUSSIAN, bk, Ultrazvuk v Tekhnike Nastoyashchego
i Budushchego, 1960, pp 78, 79.

*ATIC MCL-1229/1

On the Dynamic Operating Modes of
an Asynchronous Motor Controlled by the Supply
Voltage Frequency of the Motor, by Yu. M. Rozov.
RUSSIAN, per, Avtomatika, No 1, 1960, pp 63-68.

*ATIC MCL-1131/1

A Photoelectric Installation for the Direction
and Guidance of Optical Instruments at a
Target, by A. I. Demushkin.
RUSSIAN, per, Byul Izobreteniy, No 9, 1960,
pp 41.

*ATIC MCL-1199/1+2

Scientific
Electronics (Contd)

A Method of Transmitting a Signal of a Standard Frequency and Phase to Distant Point, by Yu. F. Korkunov.
RUSSIAN, per, Byul Izobreteniy, No 12, 1960, p 24.

*ATIC MCL-1220/1+2

A Practice of Using A Strela Digital Electronic Computer for Processing Measurements of Meteor Photographs, by A. K. Sosnova.
RUSSIAN, per, Byul Komissii po Kometam i Meteoram Astron Soveta An SSSR, No 4, 1959, pp 35-41.

*ATIC MCL-1201/1+2

The Mechanization of Administrative Functions, by S. Savichev, 9 pp.
RUSSIAN, per, Byul Nauch Informatsii: Trud i Zarabotnaya Plata, No 10, 1960, pp 44-49.

JPRS 9328

The Principle of Movable Block Systems in Building Electronic Digital Computers, by M. A. Kartsev, 8 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 5, 11 Dec 1960, pp 1064-1067.

JPRS 9407

New Material on the Development of a Channel of a Long Spark, by I. S. Stekol'-nikov, A. V. Shkilev, 13 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 4, 1961, pp 803-806.

JPRS 9282

On the Synthesis of π - Circuits, by E. I. Nechiporuk, (NY-6502).
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVII, No 5, Apr 1961, pp 1078-1081.

*JPRS

Use of An Electronic Computer in the Study of the Gyropilot, by I. R. Freydzon, 23 pp.
RUSSIAN, per, Elektrichestvo, No 7, 1957, pp 20-25.

JPRS 9226

Present State of Application of Computer Technique to Operating and Planning Power Systems, by I. M. Markovich, V. A. Taft, S. A. Sovalov, V. A. Venikov, L. V. Tsukernik, 10 pp.
RUSSIAN, per, Elektrichestvo, No 11, 1960, pp 1-7.
9076772

DSI 689

Scientific
Electronics (Contd)

System for Radiation Pattern Control of a Complex Wide-Band Antenna With Low Intensity Side Lobes, by V. D. Kuznetsov, V. K. Paramonov, (NY-6530).

RUSSIAN, per, Elektrosvyaz, No 2, 1961, pp 23-30.

*JPRS

Secondary Breaking of Iron Ores by High-Frequency Current, by M. I. Agoshkin, A. S. Voronyuk.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, Metal i Toplivo, No 1, 1960, pp 138-144.

HB 4857

The Utilization of a Commercial Television Installation (PTU-3) for Television Transmissions From the Operating Room, by A. G. Karavanov, 4 pp.

RUSSIAN, per, Khirurgiya, Vol XXXVII, No 1, 1961, pp 128-130.

JPRS 9212

Choosing the Composition of Automatic Lines To Produce Printed-Circuit Boards for Radio Equipment, by A. I. Morozov, 12 pp.
RUSSIAN, per, Mekh i Avtomat Proiz, Nov 1960, pp 7-10.

JPRS 9328

Use of an Electronic Analog Computer in the Forecasting of Rain Floods, by G. P. Kalinin, A. G. Levin, 13 pp.
RUSSIAN, per, Met i Gid, No 12, 1960, pp 14-18.

JPRS 9131

ND3 Beam Maser Oscillator, by N. G. Basov, V. S. Zuyev.
RUSSIAN, per, Pribory i Tekh Eksper, No 1, 1961, pp 120-121.

*ATIC MCL-1232/1

A Study of the Time Resolution of Photomultipliers Using the Oscillographic Method, by A. G. Berkovskiy, V. G. Pol'skiy.
RUSSIAN, per, Radiotekh i Elektron, Vol V, No 9, 1960, pp 1475-1477.

*ATIC MCL-1197/1+2

Gas-Discharge Tubes for Type SF-4 Spectrophotometers, 3 pp.
RUSSIAN, per, Svetotekhnika, Jan 1961, p 32.

JPRS 9328

Scientific
Electronics (Contd)

Increasing the Sensitivity of the Industrial Dilatometer With Mechanical Recording Device, by E. N. Kislyakova.
RUSSIAN, per, Zavod Lab, Vol XXI, No 2, 1955, pp 240-241.

*BISI 2214

A. Works on Telegraph and Telephone Communication in Bulgaria (1959), 2 pp.
BULGARIAN, per, Poshtenets, No 1, 1960, pp 4.

ACSI H-8967-A
ID 2164481

B. Future Long Distance Telephone Network (in Bulgaria), 3 pp.
BULGARIAN, per, Poshtenets, No 1, 1960, pp 10, 11.

ACSI H-8967-B
ID 2164481

Telex, 3 pp.
BULGARIAN, per, Poshtenets, No 3, 1960, pp 12, 13.

ACSI H-8965
ID 2164479

Aviation Electronic Equipment and Transistors, by Ch'en Chung, (NY-6572).
CHINESE, per, Hang-k'ung, Chih-shih, No 9, Nov 1959, p 21.

*JPRS

Applications of Semiconductors in the Aviation Industry, by Jung Ai-lung, (NY-6572).
CHINESE, per, Hang-k'ung Chih-shih, No 5, Jul 1959, pp 23-24.

*JPRS

Construction and Applications of a Tunnel Diode, by Sun Hui-min, (DC-6120)
CHINESE, per, K'o-hsueh T'ung-pao, No 3, 1961, pp 22-27.

*JPRS

An Electro-optical Range Finder With Quartz Modulator, by P. Neuman, B. Sokolik, B. Delong, 13 pp.
CZECH, per, Jenna Mechanika a Optika, No 11, 1960, pp 336-342.

ACSI H-8973
ID 2164486

Czechoslovak Work With Automatic Computers in Applied Linguistics, by L. Dolezal, F. Danes, J. Stindlova, J. Novotna, 4 pp.
CZECH, per, Rude Pravo, 19 Mar 1961, p 2.

JPRS 9352

Scientific
Electronics (Contd)

New Trends in Semiconductor Engineering for Very High Frequencies, by Jaroslav Karlovsky, 14 pp.

CZECH, per, Slaboproudny Obzor, Vol XXI, No 9, Sep 1960, pp 529-535.

ACSI H-8903
ID 2164469

Fault Liability of Electronic Equipment and Its Probability Estimates, 7 pp.

CZECH, per, Slaboproudny Obzor Vol XXII, No 1, Jan 1961, pp 2-5.

ACSI H-8968
ID 2164482

The Application of VHF Radio Links for the Direction of Long Haul Traffic, by Jan Suchy, 7 pp.

CZECH, per, Slaboproudny Obzor, Vol XXII, No 2, Feb 1961, pp 89-93.

ACSI H-9081-B
ID 2166443

Excerpts From Recombination Centers Created in Germanium by Fast Neutrons, by Nguyen Van Dong, A. Barraud.

FRENCH, per, Journal of Electronics and Control, No 7, 1959, pp 285-288.

AEC SCL-T-349

Electrostatic Forces, by F. J. F.

FRENCH, per, Le Journal de L'Equipement Electrique et Electronique, No 200, Mensuel pp 97-101.

*ATIC MCL-1205/1+2

Electrostatic Forces, by F. J. F.

FRENCH, per, Le Journal de L'Equipement Electrique et Electronique, No 201, Mensuel, pp 77-85.

*ATIC MCL-1206/1+2

Results Obtained With an Electrostatically Excited Extensometer (Elastometer), by R. Cabarat, 21 pp.

FRENCH, per, Mem Sci Rev Met, Vol LVI, No 2, 1959, pp 144-150.

AEC SCL-T-359

Communications, by G. Jamme, J. V. Gaudel.

FRENCH, per, La Reunion, 1960, pp 128-134. Call No. DC 1 R 52 #45.

AMS

Conductive Cloth Plantar Galvanic Skin Response Electrode, Nina K. Morrison, Inventor.

FRENCH, Patent No 787,477, Ministere du Commerce de l'Industrie Direction de la Propriete Industrielle, 16 March 1935, 4 pp.

*ATIC MCL-1161/1

Scientific
Electronics (Contd)

Experience With Direct Reading Spectrographs in the Iron and Steelworks Laboratory. Tenth Report, by H. Milderbrand, W. Diehl.

GERMAN, per, Archiv Eisenhüttenwesen, Vol XXX, Nov 1959, pp 659, 660.

BISI 2254

Electric Resistance Welding of Tubes at Higher Frequencies, by J. K. Bohnen.

GERMAN, per, Blech, Vol VII, No 10, 1960, pp 650-653.

*BISI 2204

Tube Welding Transformers, by J. K. Bohnen.

GERMAN, per, Blech, Vol VII, No 10, 1960, pp 654-657.

*BISI 2229

The Dependence of Apparent Resistivity on the Electrode Separation When the Four Point Method Is Used, by K. Deppermann.

GERMAN, per, Geophysical Prospecting, Vol II, No 4, Dec 1954.

*Navy HO Tr 132

The A. C. Telegraphy and Remote Action Transmitter System WT 60, by R. Beyer, KDT.

GERMAN, per, Nachrichtentechnik, No 10, 1960, pp 442-445.

ACSI H-8985-C
ID 2163981

Problems of Life-Span and Variations of Transistors in East Germany, by G. Fassbender, 22 pp.

GERMAN, per, Nachrichtentechnik, Vol XI, No 2, 1961, pp 66-71.

JPRS 9404

Photomultipliers, Their Properties and Application for Research in Industry, by W. H. Hoffmann, H. Lippmann, 17 pp.

GERMAN, per, Nachrichtentechnik Vol XI, No 2, 1961, pp 81-84.

JPRS 9405

CCI Code-Dialing for International Long-Distance Traffic, 17 pp.

GERMAN, per, Nachrichtentechnische Z, No 6, Jun 1960, pp 277-290.

ACSI H-8440
ID 2161172

Report on the Conference in Budapest Over the Microwave Directional Radio Communications, by Hans Joachim Fischer, 5 pp.

GERMAN, per, Radio und Fernsehen, No 8, 1960, p 248.

USASIA Tr-1143

Scientific
Electronics (Contd)

Report on the Conference in Budapest Over the
Microwave Directional Radio Communications,
by Hans Joachim Fischer, 5 pp.
GERMAN, per, Radio und Fernsehen, No 8,
1960, p 248.

USASIA Tr-1143

New Possibilities of Reducing Voltage
Fluctuation in Steelwork Grids, by K.
Haamann.
GERMAN, per, Stahl und Eisen, Vol LXXX,
24 Nov 1960, pp 1776-1779.

BISI 2068

Scientific Management Staff Work in the
Service of Top Administration. III -
Production Planning, Order Analysis and
Control With Punch Cards, by F. W. Weichselmann.
GERMAN, per, Stahl und Eisen, Vol LXXX,
24 Nov 1960, pp 1787-1798.

BISI 1974

Evaluation of the Results of Electric Measurements
on a Blooming-Slabbing Mill Driven Through Pinions
With Electric Current Converter Feed and Field
Reversal Control. I, by W. Nurnberg.
GERMAN, per, Stahl und Eisen, Vol LXXXI,
27 Apr 1961, pp 579-589.

*BISI 2253

The Effect of a Circular Closed Magnetic Field
on the Superconducting Condition of a Single
Crystal Tin Hollow Cylinder, by Martin Nabauer.
GERMAN, per, Z fuer Physik, Vol CXLI, 1955,
pp 416-444.

*NRL

Hungarian Experimental Antenna for Wideband
Microwave Connections, by Sandor Csibi,
Gyorgy Marz, Peter Rona, 16 pp.
HUNGARIAN, per, A Magyar Tudomanyos Akademia
Muszaki Tudomanyok Osztalyanak Kozlemenyei,
Vol XXVI, No 1-4, 1960, pp 25-33.

JPRS 9295

Achievements of Hungarian Research on Tele-
communications Engineering Components, by
J. Katona, 32 pp.
HUNGARIAN, per, A Magyar Tudomanyos Akademia
Muszaki Tudomanyok Osztalyanak Kozlemenyei,
Vol XXVI, No 1-4, 1960, pp 235-253.

JPRS 9296

Scientific
Electronics (Contd)

Hungarian Miniature and Transistor Circuit Components, by Ferenc Brada, 31 pp.
HUNGARIAN, per, A Magyar Tudomanyos Akademia Muszaki Tudomanyok Osztalyanak Kozlemenyei, Vol XXVI, No 1-4, 1960, pp 301-319.

JPRS 9337

A Few Problems Involved in Furnace Transformers, by Goglewski, Schmidt.
POLISH, per, Przeglad Electrotechniczny, Vol XXI, No 3, 1955, p 131.

PULLEN

Tellurometer.
POLISH, per, Przeglad Techniczny, No 39, 1960, p 2.

*ATIC MCL-1121/1

Selected Articles From the Polish Periodical Przeglad Telekomunikacyjny, Vol XXXIII, No 10, 1960.

ACSI H-8862
ID 2164454

A. The Dependability of Electronic Equipment, by Antoni Kilinski, 5 pp, (pp 295-297).

B. Initial Program of Nation-Wide Work on Improving the Reliability of Electronic Equipment, by Antoni Czechowski, 7 pp, (pp 297-300).

D. Principles of Evaluation and Methods of Analysis of Dependability of Electronic Components and Devices, by Kazimierz Grzesiak, 13 pp, (pp 301-306).

E. The Results of Certain Studies on the Dependability, Viability and Stability of QWS-11 and OBW Resistors, by Eugeniusz Paczkowski, 3 pp, (pp 307-309).

I. Results of Certain Studies on Parameter Reliability and Viability of Electronic Tubes and Germanium Diodes Nationally Produce, by Edward Nowakowski, 3 pp, (pp 311-313).

J. A Study of the Possibility of Employing Random Functions of Non-Reversible Processes in Evaluating the Stability of L-C Filters, by Hieronim Dutkowski, 4 pp, (pp 313-316).

Scientific
Electronics (Contd)

Selected Articles From the Polish Periodical
Tele-Radio.

Vol III, No 3, 1958.

ACSI H-8820
ID 2164444

A. Towers for FM, TV and Radio Stations,
by Stanislaw Hernik, 5 pp, (pp 127-133).

B. Comparison of Polish and German Cable
Networks, by Eugeniusz Jachimski, 5 pp,
(pp 137-141).

C. The Wr 40 Amplifier Designed by the
State Telecommunications, 2 pp, (pp 146-148).

No 12, 1958, pp 621-629.

ACSI H-8963-B
ID 2164477

Meteoric Scatter, 8 pp.

The XYZ Electronic Computer, by Andrzej Czarski,
3 pp.

POLISH, per, Zolnierz Polski, No 43 (647),
23 Oct 1960, pp 4, 5.

JPRS 4625

Computing Machines Developed at the Polish
Military Technical Academy, by Teodor
Zubowicz, 5 pp.

POLISH, per, Zolnierz Wolnosci, Vol XI (XVIII),
No 284 (3136), 2 Dec 1960, p 4.

JPRS 4625

Scientific
Engineering

Ferromagnetic Ball in a Strong Field,
by B. M. Fradkin, 11 pp.
RUSSIAN, rpt, 27 Jun 1955.

AF 1452252

L. S. Pontryagin's Maximum Principle
in Optimal Automatic Control Systems
With Linear Controlling Function, by
A. G. Butkovskiy, 11 pp.
RUSSIAN, bk, Avtomaticheskoye
Upravleniye, 1960, pp 9-16.

JPRS 4617

Automatic Control of Metal-Cutting
Machine Tools; Automation Systems and
Their Use, by V. A. Barun, A. A.
Budinskiy.
RUSSIAN, bk, Avtomaticheskoye Upravleniye
Metallorazhreshchikh Stankov; Sredstva
Avtomatizatsii i Ikh Ispol'zovaniye,
Chapters 9 & 13, 1959. 9662485.

ATIC MCL 669/III

Dynamic Problems of Cybernetics, by
A. S. Kel'zon.
RUSSIAN, bk, Dinamicheskiye Zadachi
Kibernetiki, 1959. 9661797.

ATIC MCL 731/1+2

II. Classification and Bibliographic
Analysis of Information Requests in
Electrical Engineering, by U. I.
Dobrushina, 5 pp.
RUSSIAN, bk, Doklady na Konferentsii po
Obrabotke Informatsii, Mashinomu Perevodu
i Avtomaticheskomu Chteniyu Teksta, No 4,
1961, pp 1-5.

JPRS 8372

Ways of Automating Metal-Cutting Machines.
RUSSIAN, bk, Dostizheniya Nauki i Tekhniki i
Peredovoy Opyt v Promyshlennosti i Stroitel'stve:
Vyp. 4: Tekhnologiya Mashinostroyeniya (Obrabotka
Metallor Rezaniiyem), 1959, 9661862

ATIC MCL 465/1

Perfecting Machine-Construction Technology,
by A. Ye. Prokopovich.
RUSSIAN, bk, Dostizheniya Nauki i Tekhniki
i Peredovoy Opyt v Promyshlennosti i
Stroitel'stve: Vyp. 4: Tekhnologiya
Mashinostroyeniya (Obrabotka Metallor
Rezaniiyem), 1959, pp 77-79. 9661862

ATIC MCL 465/1

Scientific
Engineering (Contd)

Electrohydraulic Effect, by L. A. Yutkin.
RUSSIAN, bk, Elektrogidravlicheskiy Effekt,
1955, 51 pp.

*ATIC MCL-1207/1+2

Electromagnetic Apparatus for Determining
Ferrite in Weld Seams in Austenitic Steels,
by S. D. Entin, V. Ya. Kozlov.
RUSSIAN, bk, Fiziko-Khimicheskie
Issledovaniya Austenitnykh Splavov, 1957.

*BISI E 2200

Apparatus for Measuring Magnetic Susceptibility
of Austenitic Alloys, by S. D. Entin.
RUSSIAN, bk, Fiziko-Khimicheskie Issledovaniya
Austenitnykh Splavov, 1957.

*BISI E 2199

The Weld-Joining of Steam Superheater Tubes
of Dissimilar Metals, by E. S. Slepek,
M. A. Filatova.
RUSSIAN, bk, Ispytaniya i Svoystva
Zharoprochnoye Materialov, 1957, pp 140-148.

UK AEA (Risley)
DEG Inf Ser 105(c)

Cybernetics in Transportation, by I. Ya.
Aksenov, 43 pp.
RUSSIAN, bk, Kibernetika na Transporte,
Series IV, No 8, 1960, pp 1-40.

JPRS 9242

Methods of Finishing Machine Parts Using
Abrasive Tools, by G. G. Lur'ye.
RUSSIAN, bk, Metody Otdelki Detaley
Abrazivnymi Instrumentami, 1958, pp 92-103.
9661799.

ATIC MCL 667/III

A Tool Fitted With Powder Ceramic Blades,
by S. P. Tambovtsev.
RUSSIAN, bk, Novosti Instrumental'noy
Tekhniki, 1959, pp 48-67. 9662370.

ATIC MCL 479/1

Scientific
Engineering (Contd)

Selected Articles From the Russian Book
Radioaktsionnye Metody Kontrolya i
Regulirovaniya Troizodstvennykh
Protsessov, 1977.

AEC Tr-4139

Automatic Production Control With
the Use of Nuclear Radiations, by
N. N. Shchilovskiy, L. V. Mel'ttser,
(pp 1-23.)

Fundamentals of the Organization of
Laboratories for Work Involving
the Use of Radioactive Isotopes,
by N. I. Leshchinskiy, (pp 24-34.)

A Method of Increasing Accuracy
of Measurement of Intensity of
Radioactive Radiation, by B. I.
Verkhovskiy, (pp 35-44.)

Theoretical Foundations of the
Design of Radioactive Self-
Compensating Level Gauges, by
G. G. Iordan, (pp 45-57.)

Theoretical Problems and Funda-
mentals of the Design of Self-
Compensating Radioactive Liquid-
Density Meters, by K. S. Furman,
(pp 58-68.)

Analysis of Operation of Counting-
Rate Meter With a Diode Pump, by
I. M. Taksar, V. A. Yanushkovskiy,
(pp 69-78.)

Thickness Gauge for Rolled Sheet
Stock, by V. K. Latyshev, Yu. S.
Pliskin, L. K. Tatochenko, A. K.
Felinger, (pp 79-85.)

Scientific
Engineering (Contd)

Selected Articles From the Russian Book
Radioaktsionnye Metody Kontrolya i
Regulirovaniya Proizodstvennykh
Protsessov, 1959. (Contd)

AEC Tr-4139

Operational Trial of Monitoring
With Gamma-Densimeter Petroleum
Products Consecutively Conveyed
Through Pipelines, by A. A.
Akhromenkov, Yu. S. Zaslavskiy,
A. A. Vargin, A. N. Kornilayev,
V. P. Lapin, (pp 86-92.)

Methods of Utilization of Gamma-
Densimeters, by E. M. Lobanov,
(pp 93-100.)

Automatic Regulation of Liquid
Metal Level in Crystallizer During
Continuous Casting With Action
Upon Rate of Ingot Withdrawal,
by V. K. Latyshev, V. V. Lyndin,
Yu. S. Pliskin, L. K. Tatochenko,
(pp 101-115.)

System of Automatic Regulation of
Liquid Metal Level in Crystallizer
With Action Upon Stopper of Varying
Design, by A. N. Valov, V. K.
Latyshev, V. V. Lyndin, Yu. S.
Pliskin, L. K. Tatochenko,
(pp 116-124.)

Control and Automation of Operation
of Petroleum Processing Units
by Means of Radiometric Instru-
ments, by Yu. S. Zaslavskiy, O. A.
Zlobin, E. V. Evstigneyev, A. A.
Kadushin, G. I. Shch, (pp 125-131.)

Use of the Method of Induced
Radioactivity for Automation of
Rock Separation, by A. A.
Rudanovskiy, (pp 138-151.)

Scientific
Engineering (Contd)

Selected Articles From the Russian Book
Radioaktsionnye Metody Kontrolya i
Regulirovaniya Proizodstvennykh
Protsessov, 1959. (Contd)

AEC Tr-4139

On Utilization of Penetrating
Radiations for the Automation of
Coal Concentration Processes, by
V. G. Segalin, (pp 152-172.)

Work of the "Krasnyi Metallist"
Plant on Manufacturing and In-
dustrial Utilization of Gamma-
Relays for Automation of the
Coal Industry, by A. V.
Chashchinov, (pp 173-181.)

Typical Electronic Unit for
Automatic Radioactive Instru-
ments of the Relay Type, by
A. T. Kundzin', G. I. Lade, I. M.
Taksar, K. K. Shpor, V. A.
Yanushkovskiy, (pp 182-189.)

Radioactive Method of Automatic
Regulation of Densities in the
Food Industry, by V. E. Banashek,
V. V. Kolando, I. M. Taksar, K. K.
Shpor, V. A. Yanushkovskiy,
(pp 190-195.)

Automatic Mixing and Propor-
tioning Apparatus for Preparing
Multiple-Component Mixtures,
Bases on Utilization of Radio-
active Radiations, by V. E.
Banashek, I. V. Gavalov, M. V.
Ogilets, V. A. Yanushkovskiy,
(pp 196-206.)

Concerning the Use in the Coal
Industry of Semiconductor Triodes
in Automation and Monitoring Ap-
paratus Based on Utilization of
Radioactive Radiations, by E. E.
Rubinovich, (pp 207-213.)

Scientific
Engineering (Contd)

Selected Articles From the Russian Book
Radioaktsionnye Metody Kontrolya i
Regulirovaniya Proizodstvennykh
Protsessov, 1959. (Contd)

AEC Tr-4139

Some Characteristics of Photo-electronic Multipliers of the New Types and the Use of These Instruments for Technical Registering of Radiations, by A. A. Arkhangel'skiy, G. D. Latyshev, (pp 214-231.)

The Use of Radioactive Isotopes for Detection of Non-Fusions and the Effect of These Non-Fusions on Durability of Welded Joints, by S. V. Rumyantsev, (pp 232-239.)

Europium-155 and Cerium-144 as Sources of Radiation for Gamma-Radiography of Metals, by S. V. Rumyantsev, L. N. Matsyuk, (pp 240-249.)

Low-Voltage Halogen-Containing Counters, by L. S. Eig, (pp 250-259.)

The Method of Dynamic Compensation in Radioactive-Instrument Building, by L. K. Tatochenko, (pp 260-285.)

Crystalline CdS-Receptors of Gamma-Radiation, by I. D. Konozenko, V. I. Ust'yanov, (pp 286-294.)

The Prospects of Utilization of Semiconductor Photoresistances in Monitoring of Ionizing Radiation, by S. V. Svechnikov, (pp 295-310.)

Scientific
Engineering (Contd)

Selected Articles From the Russian Book
Razvitiye Tekhniki na Leningradskom
Metallurgicheskom Zavode imeni Stalina,
1957.

OMB 60-51160
PL-480

Construction of Hydroturbines at the
IMZ, by N. N. Kovalev, 43 pp, (pp 141-165).

Governing Devices and Automation, by
M. I. Smirnov, 26 pp, (pp 166-179).

Scientific Research in the Construction
of Hydraulic Turbines, by F. V. Anosov,
28 pp, (pp 179-192).

Production of Hydroturbines, by Z. M.
Genze, Sh. Z. Piasov, 39 pp, (pp 193-209).

Development of Technological Services
at IMZ, by G. A. Drobilko, 20 pp, (pp 213-221).

Technological Equipment for Turbine Pro-
duction, by S. L. Kal'mitskiy, 24 pp,
(pp 222-240).

Activities of the Metallurgical Sections,
by B. A. Glebov, 16 pp, (pp 241-249).

Welding, by G. I. Mart'yanov, 21 pp.
(pp 250-259).

Scientific Research on Turbine Materials,
by A. I. Chizhik, 34 pp, (pp 260-274).

The Role of Innovators in the Technical
Progress of the Plants, by B. D. Khabenskiy,
23 pp, (pp 275-287).

The Scientific and Technical Library, by
Z. M. Serebrenikova, 8 pp, (pp 288-291).

Forming a Professional Staff, by B. A.
Berezin, S. V. Gorshkov, 12 pp, (pp 292-297).

Creative Co-operation With Scientists, by
G. A. Kulagin, 12 pp, (pp 298-303).

Scientific
Engineering (Contd)

Automation of Butt Welding in Random
Direction, by N. S. L'vov.
RUSSIAN, bk, Sistemy Avtomaticheskogo
Regulirovaniya i Upravleniya Nekotoryye
Voprosy Teorii i Tekhniki Moskva,
1959, pp 150-167.

*ATIC MCL-1247/1+2

Control Algorithms and Controlling
Machines for Complex Automation, by
V. V. Solodovnikov, 57 pp.
RUSSIAN, per, Avtomat Upravleniye i
Vychislitel Tekh, No 3, 1960, pp 5-35.

JPRS 9237

Temperature Regulator of Gyroscopic
Instruments, by G. K. Nechayev,
S. R. Raykhman.
RUSSIAN, per, Avtomatika, No 3, 1960,
pp 70-75.

*ATIC MCL-1194/1+2

What Causes Test Drilling to Lag,
by M. Nadzhafov, Z. Krintsman, 4 pp.
RUSSIAN, np, Bakinskiy Rabochiy,
23 Feb 1961.

JPRS 9279

Problems of Stiffness and Strength of
Three-Dimensional Systems of Frame-and-
Panel Buildings, by P. Shagin.
RUSSIAN, per, Beton i Zhelezobeton,
No 6, 1958, pp 226-228.

CSIRO Tr 4524

Strength and Deformation of Silicate
Concrete Under Compression, by V.
Gusakov.
RUSSIAN, per, Beton i Zhelezobeton,
No 1, 1959, pp 25-29.

CSIRO Tr 5014

Model 1L72 Automatic Line for Machining
Flywheel Housings, by V. G. Zhavoronkov,
N. S. Konoval'tseva, 4 pp.
RUSSIAN, per, Byul Tekh-Ekon Informatsii,
No 8, 1960.

JPRS 9079

Self-Lifting Crawler Cranes, Model PKT,
by K. I. Yemelin.
RUSSIAN, per, Byul Tekh Ekon Informatsii,
No 8, 1960, pp 40-42. 9662366.

ATIC MCL 814/1

Scientific
Engineering (Contd)

Automobile Cranes for Assembling and
Dismantling Operations in East Germany
and Poland, by M. D. Gilula.

RUSSIAN, per, Byul Tekh Ekon Inform,
No 8, 1960, pp 78-82. 9662366

ATIC MCL 814/1

Provide Heat-Resistant Steel Pipes
for Thermal Power Facilities, by
Ya. Osada, 6 pp.

RUSSIAN, np, Ekonomicheskaya Gazeta,
7 Mar 1961.

JPRS 9187

On the Vibrational Reliability of Steam
Turbine Working Vanes, by I. Z. Tsyarkin.
RUSSIAN, per, Elektr Stantsii, 1957,
pp 12, 13.

CSIRO

Constructional and Technological Problems
in the Manufacture of Microturbo Generators
for Dynamic Three-Phase Mains, by H. Rachel.
RUSSIAN, per, Elektrie, Vol XIII, No 9,
1959, pp 346-349. 9661827

ATIC MCL 791/1+2

Acceleration of Synchronous Motors During
Reactor Starting, by P. S. Tyagulskiy.
RUSSIAN, per, Energetika, Jan 1961,
pp 16-.

*ATIC MCL-1179/1

The Effect of Water Injection on the Axial
Compressor Intake of a Gas-Turbine Installa-
tion, by L. A. Dorfman, 5 pp.
RUSSIAN, per, Energomash, Vol VI, No 4,
1960, pp 12-15. 9076995

DSI 692

New Working Ephemerides of the Tal'kott
Method for the Latitudes From Plus 30
Degrees to Plus 65 Degrees, by D. D.
Polozhentsev.

RUSSIAN, per, Geodeziya i Kartografiya,
No 10, 1960, pp 15-18.

*ATIC MCL-1186/1

Consideration of the Effect of the Daily
Aberration in the Method of Equal Altitudes,
by Yu. F. Veselov.

RUSSIAN, per, Geodeziya i Kartografiya,
No 10, 1960, pp 18-20.

*ATIC MCL-1186/1

Scientific
Engineering (Contd)

Selecting Effective Surface Arrangements
for Gas Turbine Heat Regenerators, by
L. G. Gel'fenbeyn.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh
Nauk, Energetika i Avtomatika, No 1, 1960,
pp 62-69.

*ATIC MCL-1242/1+2

Determination of the Distribution Functions
of the Probabilities in the Output of the
Non-linear Automatic Control Systems, by
V. I. Chernetskiy, (NY-6558).

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk,
Energet i Avtomat, No 2, 1961, pp 85-91.

*JPRS

Absolute Invariance Criteria for Control Systems
Having Variable Parameters, by A. I. Kukhtenko,
(NY-6558).

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk,
Energet i Avtomat, No 2, 1961, pp 106-113.

*JPRS

Synthesis of Discrete Automatic Systems With
Limited Controlling Actions, by L. N. Volgin,
(NY-6558).

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk,
Energet i Avtomat, No 2, 1961, pp 114-119.

*JPRS

Concerning the Design of High Pressure Tanks,
by B. M. Kukyanov,

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Aviats
Tekh, No 1, 1959, pp 125-133.

*ATIC MCL-1167/1+2

Problem Concerning the Stability of Liquid
Rocket Engine Combustion Chambers With
Associated Casings, by S. A. Dubenets.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Aviats
Tekh, No 1, 1959, pp 133-142.

*ATIC MCL-1176/1+2

Scientific
Engineering (Contd)

Selected Articles From the Russian
Periodical Iz Vysshikh Ucheb Zaved,
Chern Metal.

Feb 1961.

Control of Temperature Conditions in
the Blast Furnace, (pp 10-21).

*HB 141

Measurement of Surface Temperature
During Sliding Friction, (pp 122-127).

*HB 5146

Cupola Melting Process Intensified
by an Injection of Oxygen Into the
Hearth, (pp 133-137).

*HB 5147

Mar 1961.

Preliminary Cleaning of Blast Furnace Top
Gas With Centrifugal Dust Catchers, by
B. Z. Teverovskiy, (pp 16-22).

*HB 5166

Ingots With Pipe Welding Up (In Subsequent
Hot Working) by G. N. Oiks, G. A. Sokolov.)
(pp 37-39).

*HB 5167

Dynamics of the Magnetic Compass on an
Aircraft, by A. F. Khokhlov.
RUSSIAN, per, Iz Vysshikh Ucheb Zaved,
Priborostroyeniye, No 5, 1958, 9661840.

ATIC MCL 322/1+2+3

Floating Two-Degree Gyroscopic Compass With
Elastic Bearings of the Precession Axis,
by M. A. Sergeyev.
RUSSIAN, per, Iz Vysshikh Ucheb Zaved,
Priborostroyeniye, No 5, 1958, pp 69-83.
9661840

ATIC MCL 322/1+2+3

The Second Blast Furnace Can Be Built More
Rapidly, by Ya. Belousov, 6 pp.
RUSSIAN, np, Kazakhstanskaya Pravda,
24 Aug 1960.

JPRS 9334

New Machines, Devices, and Instruments,
5 pp.
RUSSIAN, per, Khim Mash, No 5, 1960,
pp 46, 47.

JPRS 9146

Scientific
Engineering (Contd)

The N-407 High-Vacuum Pump, by L. N. Pestov,
M. A. Sil'man, 4 pp.

RUSSIAN, per, Khim Mash, No 6, 1960, pp 1-3.

JPRS 9146

New Machines, Devices, and Instruments, 5 pp.

RUSSIAN, per, Khim Mash, No 6, 1960, pp 45, 46.

JPRS 9146

New Machines, Apparatuses, and Instruments,
9 pp.

RUSSIAN, per, Khim Mash, No 1, Jan/Feb 1961,
pp 45-48.

JPRS 9300

The Forging of Heat-Resistant Steel Ingots,
by F. M. Valyavkin.

RUSSIAN, per, Kuznechno-Shtampovochnoye
Proiz, Vol II, Jul 1960, pp 8-13.

*BISI E 2281

An Investigation of Insulation of Forging
Hammers Against Vibration Under Production
Conditions, by K. M. Shcheglov, V. V. Kurin.

RUSSIAN, per, Kuznechno-Shtampovochnoye
Proiz, Vol II, Sep 1960, pp 21-26.

*BISI E 2287

Vibrations Insulation of the Forging
Hammers at the Taganrog Works, by G. I.
Bezzubiy.

RUSSIAN, per, Kuznechno-Shtampovochnoye
Proiz, Vol II, Sep 1960, pp 26-33.

*BISI E 2288

Multi-Position Automatic Presses, by
L. A. Prishchepionok, 4 pp.

RUSSIAN, per, Kuznechno-Shtampovochnoye
Proiz, No 3, 1961, pp 27-30.

JPRS 9302

Intensification of Degreasing and Pickling
Processes in Ultrasonic Fields, by Agranat.

RUSSIAN, per, Lakokrasochnyye Materialy i
Ikh Primenenie, Vol I, 1960, pp 58-62.

*BISI E 2248

New Method of Trimming and Fettling Castings,
by M. S. Kashanskiy, et al.

RUSSIAN, per, Lit Proiz, No 12, 1959, pp 8, 9.

DSIR LLU M.2346
(loan)

Suction Casting, by A. A. Ridnyy.

RUSSIAN, per, Lit Proiz, No 12, 1959, pp 12,
13.

DSIR LLU M.2349
(loan)

Scientific
Engineering (Contd)

Computer Calculation of Temperature Distribution in Cupolas, by L. M. Marienbakh, A. M. Shapiro.

RUSSIAN, per, Lit Proiz, Sep 1960, pp 25-28.

HB 5125

Experience in Automating Universal Metal-Cutting Equipment, 7 pp.

RUSSIAN, per, Mashinostroitel', No 7, 1960, pp 7-10.

JPRS 9079

Annual Drilling of Deep Holes, by A. Ya.

Bayer, S. G. Kononenko, 6 pp.

RUSSIAN, per, Mashinostroitel', No 11, 1960, pp 24-26.

JPRS 9107

Cold and Hot Rolling of Gears, by

V. I. Zagurskiy, 5 pp.

RUSSIAN, per, Mashinostroitel', No 12, 1960, pp 29, 30.

JPRS 9107

New Saratov Machine Tool Models, by

F. A. Pronin, 4 pp.

RUSSIAN, per, Mashinostroitel', No 1, 1961, pp 8-10.

JPRS 9260

All-Union Conference on the Mechanization of Management Work, 13 pp.

RUSSIAN, per, Mekh i Avtomat Proiz, Vol XIV, No 8, 1960, pp 55-56.

JPRS 8357

Machines for Loading and Unloading Operations, by O. V. Sinev, 3 pp.

RUSSIAN, per, Mekh Stroitel, No 12, 1960, pp 16-18.

JPRS 9146

TK-53 Tractor-Mounted Crane, by

V. F. Litichevskiy, 3 pp.

RUSSIAN, per, Mekh Stroitel, No 1, 1961, pp 26, 27.

JPRS 9300

Single Type Classification of Construction Machines - A Way of Developing New Technology, 4 pp.

RUSSIAN, per, Mekh Stroitel, No 2, 1961, pp 1, 2.

JPRS 9302

Scientific
Engineering (Contd)

On the Seizure [Cold Welding] of Clean
Metallic Surfaces, by A. P. Semenov,
V. V. Pozdnyakov.
RUSSIAN, per, Metal i Term Obra Metallov,
No 10, 1959, pp 44-47.

HB 4988

Blast Furnace Operation on Natural Gas,
by M. A. Shapovalov.
RUSSIAN, per, Metallurg, No 8, 1960,
pp 4-6.

HB 5124

The Choice of Furnaces and Fuel for the
Magnetic Roasting of Krivoi Rog Quartzites,
by K. E. Makhorin,
RUSSIAN, per, Metallurg, Vol V, Oct 1960,
pp 3-7.

*BISI 2289

Improved Method of Supplying Oxygen to the
Flame of an Open-Hearth Furnace, by
A. A. Dobrokhotoy.
RUSSIAN, per, Metallurg, Vol V, Oct 1960,
pp 19-21.

BISI 1866

Temperature Measurement During Vacuum
Melting, by E. Z. Spektor.
RUSSIAN, per, Metallurg, Vol XII, 1960,
pp 649-654.

AEI T/1642

A Method of Instrumental Aerial Observa-
tions on Land Ice in the Sea, by V. V. Betin,
S. V. Zhadrinskiy, N. S. Uralov.
RUSSIAN, per, Meteorologia i Gid, No 5,
1959, pp 51-54.

Navy Tr 2805/HO 122

Contribution to the Theory of Packing
Foundry Molds, by G. F. Balandin.
RUSSIAN, per, Nauch Dok Vyss Shkoly,
Mash i Prib, No 3, 1958, pp 122-131.
9661836.

ATIC MCL 124/1

Aerodynamics of Open-Hearth Furnace
Flames, by V. I. Mitkaliny, et al.
RUSSIAN, per, Nauch Dok Vysshey Shkoly,
Metal, No 1, 1959, pp 73-79.

BISI 2077

Scientific
Engineering (Contd)

Machine Parts From [Metal] Powder,
by V. Rakovskiy, 8 pp.

RUSSIAN, per, Nauch Tekh Obshch SSSR,
No 2, 1961, pp 40-42.

JPRS 9197

Experience in the Production and Testing
in Service of Graphite-Fireclay Bricks,
by V. P. Zegzhda.

RUSSIAN, per, Ogneupory, No 7, 1959.

*BISI 2278

The Service Life of Graphite-Fireclay
Brick in Steel Casting Ladles and Steel
Furnace Launderers, by V. P. Zegzhda, et al.
RUSSIAN, per, Ogneupory, No 9, 1959,
pp 419-423.

*BISI 2279

Petrographic Investigation of Converter Slags
Formed During the Top-Blowing of Metal
With Oxygen, by L. I. Karyakin, E. V. Ivanov.
RUSSIAN, per, Ogneupory, Vol III, No 10,
1959, p 455.

BISI 2216

Wall Blocks of Electric Arc Furnaces
From Magnesite-Chrome Brick Waste, by
M. N. Kaibicheva.

RUSSIAN, per, Ogneupory, Vol XXV, No 4,
1960, pp 186-188.

BISI 2217

Critical Month for the Blast Furnace of
"Krivorozhskiy--Komsomol'skiy" Plant,
5 pp.

RUSSIAN, np, Pravda Ukrainy, 16 Sep 1960.

JPRS 9353

Rails, People and Demands, by A. Sinichenko,
10 pp.

RUSSIAN, np, Pravda Ukrainy, 18 Sep 1960.

JPRS 9353

Computer Engineering for Automation of Pro-
duction, by V. G. Litvinenko, 6 pp.
RUSSIAN, per, Priborostroyeniye, No 2, 1961,
pp 30-31.

JPRS 8359

Device for Recording Neutrons in Toroidal
Pulsed Discharge.

RUSSIAN, per, Pribory i Tekh Eksper, No 1,
1961, pp 130-132.

*ATIC MCL-1232/1

Scientific
Engineering (Contd)

Blast Furnace Control by Computers, by
V. Loskutov.
RUSSIAN, np, Prom-Ekon Gazeta, No 42, 1960,
p 3.

HB 5032

Optical Orientation Device on the Voyage
to the Cosmos, by V. Arsent'yev.
RUSSIAN, np, Sovet Aviatsiya, No 218,
16 Sep 1960. 9661850.

ATIC MCL 405/1

In Searches for Means of Detection, by
I. Pereverzev, (DC-6127).
RUSSIAN, np, Sovet Flot, 9 Jul 1960, p 4.

*JPRS

Hydraulic Packing for the Charge Distri-
butor When Working at Elevated Pressures,
by A. A. Storozhik.
RUSSIAN, per, Stal', No 4, 1956, pp 367-368.

*BISI 2238

New Machines: E-402 Excavator, E-403
Excavator, D-480 Vibrating Roller, S-489B
Vibrator, D-456 Small Truck Tractor, 4 pp.
RUSSIAN, per, Stroitel i Dorozhnoye Mashin,
No 12, 1960, pp 34-36.

JPRS 9216

Steel Parts of a Standard 53,000 cu/ft
Blast Furnace, by A. F. Lilyev.
RUSSIAN, per, Stroitel Prom, Vol XXXIII,
No 12, 1955, pp 30-37.

*BISI 2234

All-Union Scientific-Technical Conference
on the Complex Mechanization and Automation
of the Welding Industry, by V. M. Kondratovich,
(EF-1880).
RUSSIAN, per, Svaroch Proiz, No 2, 1961,
pp 41-43.

*JPRS

Creep in Semi-Annular Plates, by P. Ya.
Boguslavskiy.
RUSSIAN, per, Teploenergetika, Vol V, No 2,
1958, pp 56-61.

BISI 1441

Heat Transfer and Resistance in Bundles of
Wire-Finned Tubes, by S. N. Tulin.
RUSSIAN, per, Teploenergetika, Vol V, No 3,
1958, pp 67-72.

DSIR RTS 1728

Scientific
Engineering (Contd)

On the Influence of Turbulence Upon the
Disintegration of Liquid Jets, by
A. S. Iyishevskiy.
RUSSIAN, per, Trudy Novocherkasskogo Politekh
Institute imeni Sergo Ordzhonikidze, Vol XXXIX,
No 53, 1957, pp 81-86.

DSIR ILLU M.1366
(loan)

Phosphate Coating as an Aid in Running-In
of Friction Components, by A. A. Novik.
RUSSIAN, per, Vest Mash, Vol XXXV, No 7,
1956, pp 63, 64.

HB 4932

Progressive Drop Forging Processes, by
A. V. Rebel'skiy.
RUSSIAN, per, Vest Mash, No 2, 1961,
pp 37-45.

*ATIC MCL- 248/1

About a Method of Constructing Digital
Differential Analyzers, by L. A. Kozharskiy.
RUSSIAN, per, Voprosy Teorii Matemat Mash,
No 1, 1958, pp 219-230. 9661859.

ATIC MCL 320/1

The New OAN-1 Aerosol Sprayer, by M.
V. Tsitsiv, M. I. Shterental', 8 pp.
RUSSIAN, per, Zashchita Rastenii ot Vredit-
elei i Bolezni, Vol VI, No 1, 1961,
pp 19-21.

JPRS 9397

Results of Tests of the P-10 Machine, by
E. I. Bonch, S. P. Starostin.
RUSSIAN, per, Zashchita Rastenii ot Vredit-
elei i Bolezni, No 2, 1961, pp 14, 15.

*USDA

Plans of the Mechanical Engineers.
RUSSIAN, per, Zashchita Rastenii ot Vredit-
elei i Bolezni, No 2, 1961, p 19.

*USDA

Equipment for Ultrasonic Inspection of Welded
Joints, by A. K. Gurvich.
RUSSIAN, per, Zavod Lab, Vol XXIII, No 7,
1957, pp 858-860.

HB 5112

Relationship Between the Ultimate Tensile
Strength and Hardness at High Temperatures,
by G. M. Volkogon, L. V. Primatova.
RUSSIAN, per, Zavod Lab, Vol XXV, No 7,
1959, pp 858, 859.

AEI T/1655

Scientific
Engineering (Contd)

The Production and Application of Magnesia
Alumina Bricks for Roofs of Open-Hearth
Furnaces in China, by Zong-shan Guan,
Yun-he Wang.

CHINESE, per, Gangtie, Sep 1958, pp 19-24.

BISI 2038

The Cerebrum, Man, and Automatic Control,
by Liu Shih-i, (DC-6119).

CHINESE, per, K'o-hsueh T'ung-pao, No 3,
1961, pp 28-36.

*JPRS

Investigation of the Stresses and Displace-
ments of the Spiral Case of Water Turbine, by
Wu Chi-tse, Hu Chia-jui, 14 pp.

CHINESE, per, Li-hsueh Hsueh-pao, Vol IV,
No 2, Apr 1960, pp 85-93.

JPRS 9321

The Design of the Runner Vanes of Francis
Water Turbines, by P'an Liang-ju, Cheng Che-min,
Chung Wah-hsieh, Liu Hsi, Ch'i Ching-tai,
Wang Li-li, 43 pp.

CHINESE, per, Li-hsueh Hsueh-pao, Vol IV,
No 2, Apr 1960, pp 123-148.

JPRS 9321

Discussion of the Mode of the Plane Stresses
of Isotropic Elastic Bodies, by I Fan,
Chia Nieh-fu, 27 pp.

CHINESE, per, Li-hsueh Hsueh-pao, Vol IV,
No 2, Apr 1960, pp 149-168.

JPRS 9321

Selected Articles From the Chinese
Periodical Shui-wen Ti-chih Kung-ch'eng
Ti-chih, No 12, 12 Dec 1959.

JPRS 7853

An Example of Mineral Prospecting by
Water Chemistry, by Chang Yu-ch'un,
15 pp, (pp 22-24).

Tests on Mixed Water Drilling, by
Ko Liang-t'ao, 17 pp, (pp 25-28).

On the Origin and Distribution of Marshes,
by Chang Jen-fu, 15 pp, (pp 29-31).

Scientific
Engineering (Contd)

Selected Articles From the Chinese
Periodical Shui-wen Ti-chih Kung-ch'eng
Ti-chih, No 12, 12 Dec 1959. (Contd)

JPRS 7853

Initial Ideas on the Karst Leakage
and Dam Site Selection of the Hsiao-
tui-ch'ung Reservoir, by Chang Feng-ch'i,
12 pp, (pp 32-34).

A Brief Discussion of the Application of
Soil Auger in Hydrogeology and Engineering
Geology, by Kuo Feng, 15 pp, (pp 35-37).

A Discussion on Several Types of Plastic
Limit Rolled Strips in Native Work Ex-
periments, by Chang Fu-kuang, 13 pp,
(pp 39-41).

Automatic Liquid Nitrogen Pressure Stabil-
izing Device for the Freezing Trap of A Dif-
fusion Vacuum Pump, by Shen Pao-hua, Li Ch'ao,
Sung Ch'ang-chou, Hsu Cheng-ta, 9 pp.
CHINESE, per, Wu-li Hsueh-pao, Vol XVI, No 4,
1960, pp 241-244.

JPRS 7694

Hydrodynamic Seal for Rotating Shafts,
by E. F. Boon, S. E. Tal, 31 pp.
CZECH, per, Chem- Ingr-Tech, Vol XXXI,
1959, pp 202-212.

AEC DEG-Inf-Ser-13

Slicing of Boards, by I. Prusak.
CZECH, per, Faipar, Vol VIII, No 11/12,
1958, pp 358-364.

CSIRO Tr 5122

The Forgeability of Ferritic Steels for
Superheater Tubes, by O. L. Bihet, M. Caubo.
CZECH, per, Hutnicke Listy, Vol XIV, 1959,
pp 1103-1105.

BISI 1670

On the Extrapolation of Short-Time Creep
Data to Long Periods, by W. Siegfried.
CZECH, per, Hutnicke Listy, Vol XIV,
No 12, 1959, pp 1187-1192.

FELTHAM

Scientific
Engineering (Contd)

Securing of Conditions Which Are Necessary to Obtain Long Life of Cold Rolls, by Z. Kaderavek. CZECH, per, Hutnicke Listy, Vol XV, No 5, 1960, pp 355-366.

*BISI 2193

Saving of Coke in the Blast Furnace by Varying Temperatures and Composition of the Blast, by O. Hajicek. CZECH, per, Hutnik, Vol III, No 2, 1953, pp 30-34.

*BISI 2233

Statistical Sampling Inspection Procedures, by V. Horalek, 11 pp. CZECH, per, Strojirenstvi, Vol IV, 1954, pp 849-853. 9077004

AEC Tr-4538

A Brief Survey of the Use of Waterglass in the Manufacture of Welding Electrodes, by J. Vidrma. CZECH, per, Zvaranie, Aug 1960, pp 242-245.

*BISI 2227

A Fully Automatic Method of Welding a Layer of Steel on to a Very Thick Sheet of Steel, by P. Tichler. DUTCH, per, Lastechniek, Vol XXV, 1959, pp 229-231.

ATS 79M42DU

A Survey of Recent Developments in the Field of Blast Cleaning, by J. H. Zatt. DUTCH, per, Metalen, Vol XV, 31 Aug 1960, pp 277-279.

*BISI E 2203

The Use of Airphotos for Small Scale Maps at the Survey Office, by V. Erola. FINNISH, per, Maanmittaus, No 1-4, 1960, pp 59-64. Call No QB 275.M11.

AMS

Uses Made of Aerial Photography in Finland in 1959. FINNISH, per, Maanmittaus, No 1-4, 1960, pp 64-65. Call No QB 275.M11.

AMS

Use of Computers in the Survey Office. FINNISH, per, Maanmittaus, No 1-4, 1960, pp 66-67. Call No QB 275.M11.

AMS

Scientific
Engineering (Contd)

Photogrammetric Mapping Equipment, by R. S. Halone.

FINNISH, per, Teknillinen Aikakauslehti, 1960, pp 706-713. Call No T4.T267, V 50, #23.

AMS

Organization for the Advancement of Spectrographic Methods. Two New High-Dispersion Spectrographs, by G. Passereau.

FRENCH, Proceedings of the 16th Congress, pp 91-107.

CSIRO

Derveaux Radar Set of the French Hydrographic Service.

FRENCH, rpt, L'Ensemble De Radiolocalisation Derveaux du Service Hydrographique, 5 Oct 1960.

Navy Tr 2802/ONI 816

Pipelines Transporting Solid Matter: The Metallurgist's Point of View, by O. L. Bihet.

FRENCH, per, Centre Belge d'Etude et de Documentation des Eaux, Mar 1960, pp 76-81.

BISI 2083

Blast Furnace Trials With Oxygen Enriched Blast, by J. G. Platon.

FRENCH, per, Centre Documentation Siderurg Circulaire d'Informations Techniques, No 1, 1948, pp 45-58.

*HB 5126

Cleaning of Fume From Electric Arc Furnaces, by L. Septier.

FRENCH, per, Centre Documentation Siderurg Circulaire d'Informations Techniques, Vol XV, No 7, 1958, pp 1479-1486.

BISI 2092

Operation of the Blast Furnace With Zero Top Pressure. Its Advantages and Method of Achieving It, by V. M. Litchinko.

FRENCH, per, Chaleur et Industrie, Vol XXXVII, May 1956, pp 121-140.

*BISI 2235

Accuracy in Core Making Using Conventional Equipment With Synthetic Resins as Binders, by J. Roth.

FRENCH, per, Fonderie, No 177, Oct 1960, pp 409-418.

BCIRA 990

Scientific
Engineering (Contd)

Belt Conveyors and Other Methods of Distribution for Moulding Sand. The Most Important Part of the Materials-Handling Work in a Modern Foundry, by R. Jacquemart.
FRENCH, per, La Fonderie Belge, No 5, 1959, pp 139-.

FULLEN

A Brazing and Braze-Welding Process Under a Vaporized Flux, by J. Delforge.
FRENCH, per, Prat Soud, Vol XIII, Feb 1959, pp 25-29.

BISI 2058

The Application of the Automatic Coupler by the Railways: Current Studies and Applications, by J. Lasson.
FRENCH, per, Revue Generale des Chemins de Fer, Vol LXXIX, Jan 1960, pp 42-47.

BTC 12631

Towards International Standardization of Reports on Blast-Furnace Trials, by C. G. Thibaut.
FRENCH, per, Revue de Metallurgie, Vol LVII, No 5, 1960, pp 379-386.

BISI 1895

The Rapid Determination of Iron in Bessemer Slags by X-Ray Fluorescence in Steel Works, by I. Harveng, et al.
FRENCH, per, Revue de Metallurgie, Vol LVII, May 1960, pp 423-436.

BISI 2074

Present Position of Large-Capacity Arc Furnaces in Steelworks, by R. Boutigny, C. Barbazanges.
FRENCH, per, Revue de Metallurgie, Vol LVII, Jul 1960, pp 589-600.

BISI 2024

High Top Pressure and Various Injections; Experience at the International Low Shaft Furnace, Liege, by E. Bonnaure.
FRENCH, per, Revue de Metallurgie, Vol LVII, Jan 1961, pp 13-24.

*BISI 2210

Use of Oxygen, Moisture and High Top Pressure in Blast Furnace Operation, by J. M. Strassburger.
FRENCH, per, Rev Tech Luxembourgeoise, Vol L, 1958, pp 105-120.

*BISI 2237

Scientific
Engineering (Contd)

Increasing the Fatigue Strength of Bars and Beams
With Welded Gussets by Local Heating, by O.
Puchner.

FRENCH, per, Soudage et Techniques Connexes,
Vol XIV, No 1/2, 1960, pp 27-32.

BTC 12900

Merry-Go-Round, by M. Jean-Emile Sutter.
FRENCH, Patent No 929234. 9661829.

ATIC MCL 795/1

Automatic Machine for Dressing Seed With
Liquid Products.

FRENCH, Patent No 1,037,924.

CSIRO

Perfecting of a Process for Cooling a Gas in
Bithermal Isotopic Exchange, 12 pp.
FRENCH, Patent No 1,178,661, 15 Dec 1958.

AEC Tr-4528

Electrolytic Production of Coils, by
G. Eckelmann.
GERMAN, rpt.

BISI 2220

Some Results of Experiments With Trawl Models,
by H. Stengel, 5 pp.
GERMAN, bk, Über Untersuchungen an
Schleppnetzmodellen, Vol III, No 8, 1960,
pp 3-5.

Atlantic Fish
Fisheries Res Bd,
Canada Biol Sta
St. Andrews, N.B.

A New Heat Diagram for Blast Furnaces, by
I. P. Reichardt.
GERMAN, per, Archiv Eisenhüttenwesen, Vol I,
No 2, 1927, pp 77-101.

NCB

Influence of Deformation on the Cold Rolling
and Recrystallization Textures of Silicon Iron
Sheets, by K. Sagel.
GERMAN, per, Archiv Eisenhüttenwesen, Vol XXXII,
Mar 1961, pp 153-164.

*BISI 2197

Investigation of Interaction of Forces in an
Impact Crusher and Comparative Analysis of
Crushing of Various Rocks, by H. Frenking.
GERMAN, per, Aufbereitungs-Tech Wiesbaden,
Vol I, Mar 1960, pp 107-120; Apr 1960,
pp 170-183; May 1960, pp 216-225.

*BISI 2240

The Pickling of Sheets and the Avoidance of
Pickling Defects, by G. Hoeck.
GERMAN, per, Blech, Vol V, No 11, 1958.

*BISI 2251

Scientific
Engineering (Contd)

Comparing Different Methods for Pneumatic
Ash Removal, by R. Nagel, R. Ibing.
GERMAN, per, Braunkohle Wärme und Energie,
12 Feb 1960, pp 53-59.

*BISI 2230

Pneumatic Transport of Ash, by H. Trenkler.
GERMAN, per, Braunkohle Wärme und Energie,
12 Feb 1960, pp 59-64.

*BISI 2231

Fine Grinding With Mechanically Driven Impact
Machines, by W. Beuschausen.
GERMAN, per, Chemie-Ingenieur-Technik, No 9,
1959, pp 553-560.

CSIRO

A Study of the Slagging Process in Refractory
Bricks, by K. Konopicky, G. Routschka.
GERMAN, per, Deutsche Keramische Gesellschaft,
Jan 1961, pp 1-8.

BISI 2110

Calculation of Horizontal Track, Distortions on
the Basis of New Hungarian Tests, by E. Nemesdy.
GERMAN, per, Eisenbahntechnische Rundschau,
Vol IX, No 12, 1960, pp 514-534.

BTC 13094

Causes of Corrugations in the Running Surfaces
of Railway Tracks, by A. Dressler.
GERMAN, per, Eisenbahntechnische Rundschau,
Vol IX, No 12, 1960, pp 558, 559.

BTC 13093

Air-Gap Field of Permanent Magnets, by L.
Kneissler.
GERMAN, per, Elektrotechnik und Maschinenbau,
Vol LXVIII, 1951, pp 393-398.

CSIRO

Pressure Drop in the Inlet Region of Pneumatic
Conveyor Pipe Lines, by R. Jung.
GERMAN, per, Forschung auf dem Gebiete des
Ingenieurwesens, Vol XXIV, No 2, 1958,
pp 50-58.

*BISI 2246

Temperature Measurement in Steel Melts With a
New Type of Immersion Thermocouple, by H. J.
Meerkamp van Embden.
GERMAN, per, Die Giesserei, Vol XLVII, 16 Jun
1960, pp 328, 329.

BISI 2039

Scientific
Engineering (Contd)

Casting of Ingot Mould Halves, Thick Flates, Flanges, etc, in Cast Iron Using "Net" Riser, by J. Schulz.

GERMAN, per, Giessereitechnik, Vol VI, Oct 1960, p 311.

*BISI 2263

Effect of Material and Machining Conditions on Rake and Clearance Face Wear, by H. Opitz, G. Weber.

GERMAN, per, Industrie Anzeiger, Vol XXXIV, Sep 1953, pp 906-914.

*BISI 2208

Problems of Tool-Life Determination, by H. Siebel.

GERMAN, per, Industrie Anzeiger, Vol LXXXI, No 36, 1959, pp 27-32.

CSIRO Tr-5104

Safety in the Use of Oxygen, by R. Voit.

GERMAN, per, Linde Berichte aus Technik und Wissenschaft, No 9, 1960, pp 46-55.

BISI 2080

Problem of the Rake Angle of a Twist Drill, by H. Gawehn,

GERMAN, per, Maschinenbau, Vol X, 1931, pp 440-446.

CSIRO Tr-5020

Problems in the Rationalization of Foundries, and Their Conversion to Mechanized Working, by T. Klingenstein.

GERMAN, per, Metalwissenschaft und Technik, Vol XIII, No 4, 1959, pp 309-.

PULLEN

Some Notes on the Latest Developments in Continuous Casting, by E. Herrmann.

GERMAN, per, Metallwissenschaft und Technik, Vol XIII, No 10, 1959, pp 949-.

PULLEN

Speed Effects in Deep Drawing, by G. Oehler.

GERMAN, per, Mitteilungen der Forschungsgesellschaft Blechverarbeitung, No 2/3, 1959, pp 23-.

PULLEN

Scientific
Engineering (Contd)

Selected Articles From the German Periodical
Neue Huette.

- Vol II, Feb/Mar 1957, pp 103-111. BISI 1696
- The International Development of Instruments
and Controls for the Iron and Steel Industry,
by H. Kruger.
- Vol II, No 5, 1960, pp 99-105. ACSIL 1399
- Investigation on a Cast Steel Propeller in
Order to Interpret the Results of Ultrasonic
Tests, by K. Fellcht, A. Walzel, H. J. Drese.
- Jul 1960, pp 383-398. BICTR
- Ten Years Large Scale Vacuum Degassing of
Steel, by W. Kuntscher.
- Vol V, Aug 1960, pp 488-490. BISI 1980
- Practical Results Obtained Regarding
Knurled Roll Presses, by O. Barth.
- Vol VI, No 1, 1961, pp 17-22. *HB 5142
- Effect of Flux Additions in Mould During the
Pouring of Rimmed Deep Drawing Steel Upon
Quality of Sheet, by J. Teindl, B. Otta.
- Vol VI, No 2, 1961. *HB 5132
- Possibility of Identifying Flakes in Steel
Forgings by the Pulse-Echo Technique, by
G. Beckmann.
- The Inert Gas Tungsten Arc Welding of Thin Sheet
Steel for Transformers and Dynamos, by J. Ruge,
W. Rauchfuss.
- GERMAN, per, Schweissen Schneiden, Vol X, Feb 1958,
pp 55-58. BISI 2213

Scientific
Engineering (Contd)

Investigation Into the Weldability of Various
Plate Materials Under the Protection of CO₂,
by R. Glockner, H. Wirtz.

GERMAN, per, Schweissen Schneiden, Vol XII,
No 11, 1960, pp 482-484.

*BISI 2241

Special Swiss Instruments for Prestressed Concrete
Technology, by A. Brandestini.

GERMAN, per, Schweizerische Bauzeitung, Vol LXXIV,
No 37, 1956.

CSIRO

New Diazed Fuse Elements, by G. Henselmeyer,
W. Rauch.

GERMAN, per, Siemens Z, Vol XXXIII, 1959,
pp 417-424.

CSIRO

Selected Articles From the German Periodical
Stahl und Eisen.

Vol XXXIV, 28 May 1914, pp 903-908.

BCIRA 974

Apparatus for Opening and Closing the Tapholes
of a Cupola, by R. Fichtner.

Vol LVII, 18 Mar 1937, pp 296-300.

BISI 1973b

The Importance of Through Heating for the
Construction and Operation of Pusher Furnaces,
II, by F. Wesemann.

Vol LXXXIV, 12 Aug 1954, pp 1062-1069.

BISI 2001

Breakage of Crane Hooks and Ladle Yokes and
How to Avoid Them, by G. Will.

Vol LXXVIII, 30 Oct 1958, pp 1564-1574.

*BISI 2189

Determination by Experiment and by Calculation
of Roll Force and Torque Taking Strip Tension
Into Account, by H. G. Muller, P. Funke.

Vol LXXIX, 3 Sep 1959, pp 1273-1280.

BISI 1623

The Statistical Analysis of Breakdowns in
Electrical Installations to Improve Reliability,
by K. H. Lopitzsch.

Scientific
Engineering (Contd)

Selected Articles From the German Periodical
Stahl und Eisen. (Contd)

- Vol LXXX, 17 Mar 1960, pp 356-365. BISI 1924
- Hardness Testing of Thin Sheet and Tinned Sheet, by E. Wondris, V. Seul.
- Vol LXXX, 31 Mar 1960, pp 417-428. BISI 1710
- The Proper Dimensioning of Ball and Roller Bearings for Stands in Continuous Section, Wire and Strip Mills, by H. Pauels, H. H. Rohde.
- Vol LXXX, 26 May 1960, pp 756-763. BISI 1913
- The Cranes of the Iron and Steel Works at Rourkela in India, by H. Rielander.
- Vol LXXX, 23 Jun 1960, pp 861, 862. BICTR
- Burning Out of Converter Skulls. Injection of Oxygen During Blowing, by W. Bading.
- Vol LXXX, 20 Sep 1960, pp 1348-1349. BISI 2034
- The Examination of Pores in Nonmetallic Protective Coatings, by D. Horstmann.
- Vol LXXX, 13 Oct 1960, pp 1411-1414. BISI 1999
- Electrical Weighing Machines in Steelworks, by J. Oemigk.
- Vol LXXX, 27 Oct 1960, pp 1501-1507. *BISI 2188
- Development of the Processes for the Manufacture of Broad and Parallel Flange Joists. Actual Problems, by K. Bollmann, G. Kuchenbuch.
- Vol LXXX, 24 Nov 1960.
- Report on Experience With the Measurement of Blast Furnace Lining Wear by Means of Radio-Active Isotopes, by R. Flossmann, R. Geidel, (pp 1753-1759). BISI 2113

Scientific
Engineering (Contd)

Selected Articles From the German Periodical
Stahl und Eisen, (Contd).

Vol LXXX, 24 Nov 1960.

Operational and Lining Problems With Large
Electric Arc Furnaces, by O. Porkert,
(pp 1770-1775).

BISI 2036

Removal of Dust From Converter Brown Smoke
Using a Wet Electrofilter, by K. Guthmann,
(pp 1803-1805).

BISI 2037

Vol LXXXI, 5 Jan 1961.

Preparation of the Blast Furnace Burden and
Its Effect on the Furnace Operation, by G.
Heynert, et al, (pp 1-12).

*BISI 2184

Short Test for Machinability of Free Cutting
Steels by the Gravity Feed Method, by H.
Becker, (pp 46-50).

*BISI 2185

Problems in the Design of Casting and Trans-
port Bogies for Ingots and Slabs, by W.
Kurscheidt, (pp 58-60).

BISI 2072

Vol LXXXI, 19 Jan 1961, pp 73-88.

BISI 2082

The Application of Digital Measuring Techniques
to Metallurgical Engineering and Research, by
H. Knuppel, W. Dorr.

Vol LXXXI, 2 Feb 1961, pp 184-194.

*BISI 2195

Investigation of Roll Wear With Particular
Consideration of Drag Rolling in Finish
Rolling Hot Strip, by H. Altmeyer, et al.

Vol LXXXI, 16 Feb 1961, pp 220-228.

BISI 2109

The Importance of Noise Measurement for the
Effective Abatement of Noise Nuisance in the
Iron and Steel Industry, by G. Schulz.

Scientific
Engineering (Contd)

Selected Articles From the German Periodical
Stahl und Eisen, (Contd).

Vol LXXXI, No 9, 1961, pp 559-561.

*HB 5158

Operating Results in the Briquetting of
Flue Dust, by W. Wolf, H. Wysocki.

Progress in the Field of Electrical Sheets,
by H. Hesselbach.

GERMAN, per, Technica, 20 Nov 1959, pp 1333-1338.

*BISI 2221

Tendencies of Development of Digital Computing
Automatics (Part I) by Dr H. Kortum KDT, 11 pp.
GERMAN, per, Technik, No 9, 1960, pp 586-592.

ACSI H-8991
ID 2166428

Studies of the Reducibility of Ore Pellets.
II. On the Metallurgy of the Reduction Processes
in Rotary Furnaces, by M. Wahlster.
GERMAN, per, Technische Mitteilungen Krupp,
Vol XIX, No 1, 1961, pp 1-16.

*HB 5127

New Type of Mercury Sliding Contactor for Test
Purposes, by C. Rohrbach.
GERMAN, per, Verein Deutscher Ingenieure Z,
Vol C, No 22, 1958, pp 1041-1045.

CSIRO

Investigation of the Strength of Seamless and
Longitudinally Welded Tubes Under Alternating
Torsional Stresses, by E. A. Cornelius.
GERMAN, per, Vereines Deutscher Ingenieure Z,
Vol CII, 1 Jun 1960, pp 645-650.

BISI 1994

Selected Articles From the German Periodical
Wissenschaftliche Z der Hochschule fuer
Schwermaschinenbau Magdeburg.

Vol III, No 2, Nov 1959, pp 215-223.

BISI 2033

A Practical Example of Non-Destructive Testing
With Iridium - 192 on Welded Revolving Tubular
Cement Kiln at the Building Site at Karsdorf,
by G. Tschorn, et al.

Scientific
Engineering (Contd)

Selected Articles From the German Periodical
Wissenschaftliche Z der Hochschule fuer
Schwermaschinenbau Magdeburg. (Contd)

Vol III, Dec 1959.

A New Non-Destructive Electro-Magnetic
Testing Procedure, by F. Havelka, (pp 189-193).

BISI 2030

Evaluation of Defects in Welds by Means of
Ultrasonics, by Z. Pawlowski, (pp 203-206).

BISI 2031

Design and Performance of a New Ultrasonic
Probe for the Examination of Cast Iron Pipes,
by J. Wehr, (pp 207-214).

BISI 2032

On the Dependence of the Separation Effort on the
Counter-current Circulation in the Gas Centrifuge,
by H. G. Hertz, E. Mann, 7 pp.
GERMAN, per, Z Naturforsch, Vol Xa, Jan 1955,
pp 170, 171.

AEC Tr-4419

Calculation of Forces and Power Required for the
Ehrhardt Tube Manufacturing Process, by A.
Geleji, 22 pp.

HUNGARIAN, per, Acta Tech Acad Sci Hung, Vol VII,
No 3/4, 1953, pp 477-505.

AEC Tr-4488

Operating Tests on Power Required for the Ehrhardt
Tube Pushing Process, by A. Geleji, E. Kiss, G.
Devenyi, 15 pp.

HUNGARIAN, per, Acta Tech Acad Sci Hung, Vol XXII,
No 3/4, 1958, pp 395-412.

AEC Tr-4489

Map Reproduction in Hungary, by Ferenc Tallian,
8 pp.

HUNGARIAN, per, Geodezia es Kartografia, Vol XII,
No 4, 1960, pp 252-255.

JPRS 9234

Some Achievements of the Department of Photogrammetry
of the Cartogrammetry of the Cartographic Enterprise
of Hungary, by Bela Szabo, 7 pp.

HUNGARIAN, per, Geodezia es Kartografia, Vol XII,
No 4, 1960, pp 271-274.

JPRS 9235

Scientific
Engineering (Contd)

Blast Furnace Operated With High Top Pressure,
by K. Rethy.

HUNGARIAN, per, Kohaszati Lapok, Vol XIII,
May-Jun 1958, pp 277-289.

*BISI 2239

Automation in the Foundry, by A. Bencaster.

ITALIAN, per, La Fonderia Italiana, No 3,
1959, pp 89-100.

FULLEN

The Calculation of Steam in Fumaroles, by
Cesare Codegone, 11 pp.

ITALIAN, per, Ingegneria Ferroviaria, Vol VII,
Apr 1952, pp 273-276.

AEC SCL T-335

Malcolmising: A Process for Hardening Stainless
Steels.

ITALIAN, per, Macchine, Vol XIII, Dec 1958,
pp 1197-1199.

BISI 2140

Formation of Anti-Corrosive Film in Boilers,
by Watanabe, Yukitaka.

JAPANESE, Patent 3955, 3 Jul 1954.

*NRI

Briquetting of Bark and Sawdust, by H. Millstein,
K. Morkved.

NORWEGIAN, per, Norsk Skogindustri, Vol XIV, No 5,
1960, pp 182-194.

CSIRO Tr-5080

The Importance of Edging Passes in the Rolling of
Blooms, by W. Leskiewicz.

POLISH, per, Hutnik, Vol XXV, No 10, 1958,
pp 386-390.

*BISI 2272

The Importance of Physico-Chemical Investigations
to the Development of Granulated Slag Technology,
by T. Rogozinski.

POLISH, per, Hutnik, Vol XXVII, No 3, 1960,
pp 109-114.

BISI 2064

Methods for Removing Surface Defects From Raw
Material Intended for Rolling, by M. Tylusinski.

POLISH, per, Hutnik, Vol XXVII, No 5, 1960,
pp 182-188.

*BISI 2273

Scientific
Engineering (Contd)

The Modern Technology of Rolling Heavy Rails,
by R. Miculescu.

RUMANIAN, per, Metalurgia Constructia de
Masini, No 11, 1959, pp 934-939; No 12, 1959,
pp 1033-1037.

*BISI E-2286

Hydraulic Transport of Coal, by P. Aubathier.
SPANISH, paper, Conferencia Mundial de la
Energia World Power Conference, Paper III
A/1. Madrid, 5-9 Jun 1960.

*BISI 2228

Liquor Recovery by Pressing, by S. E.
Jonsson.

SWEDISH, per, Svensk Papperstidning, Vol LXII,
No 12, 1959, pp 425-433.

CSIRO

Some New Observations Concerning the Structure
of Scale and the Mechanism of Its Formation
During the Heating of Steel, by S. Modin,
E. Tholander.
SWEDISH, per, Jernkontorets Annaler, Vol CXLIV,
No 11, 1960, pp 813-831.

*MT 177

Drying of Paper on Felt-Covered Rollers.
Comparison Between Different Types of Felt, by
S. Ponton.

SWEDISH, per, Svensk Papperstidning, Vol LXII,
No 19, 1959, pp 692-699.

CSIRO

Secondary Claims, 13 pp.
SWISS, Patent Application No 72,663.

AEC Tr-4483

On Certain Properties of Static Optimizing
Controllers, by V. M. Kuntsevich, (SF-1880).
UKRAINIAN, per, Avtomatika, No 2, 1961,
pp 24-28.

*JPRS

Method of Eliminating Ballistic Deviations in
a Triaxial Gyroscopic Stabilizer, by O. F.
Boychuk, M. Ye. Temchenko, (SF-1880).
UKRAINIAN, per, Avtomatika, No 2, 1961,
pp 44-52.

*JPRS

Scientific
Fuels

Solidified Motor Fuels, by B. I. Losev,
140 pp.

RUSSIAN, bk, Otverzhdenioye Motornoye
Toplivo, Moskva, 1959.

ACSI H-8599
ID 2162117

The Vaporization and Combustion of a
Single-Component Fuel in the Combustion
Chamber of a Zhd (Liquid Rocket Engine),
by S. M. Ilyashenko.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved,
Aviatsionnaya Tekh, No 4, 1960, pp 72-82.

*ATIC MCL-1168/1

The Use of Fuel Oil in Blast Furnace
Production, Parts I, II, by K. V.
Malikov, S. I. Sapiro, et al.
RUSSIAN, per, Metallurg, May 1961,
pp 3-7.

*BISI 2291

Lubricants Studied, by G. V. Vinogradov.
RUSSIAN, per, Vest Ak Nauk SSSR, No 1,
1961, pp 48-53.

*ATIC MCL-1105/1

Scientific
Geophysics

Bulletin of the Commission on the Determination of the Absolute Age of Geological Formations, Part I and II, 144 pp.

RUSSIAN, bk, Byulleten Komissi po Opredeleniyu Absoliutnogo Vozrasta Geologicheskikh Formatsii, Part I, 1955; Part II, 1957, Nov 1960.

AEC Tr-4207

Phototriangulation Using an Electronic Computer, by A. N. Lobanov, (NY-6554).

RUSSIAN, bk, Fototriangulyatsiya s Primeneniyem Elektronnoy Vychislitel'noy Mashiny, 1960, pp 1-144.

*JPRS

A Brief Historical Review and the Present Status on the Geobotanical Method in Geology, by S. V. Viktorov, 4 pp.

RUSSIAN, bk, Geobotanicheskiye Metody pri Geologicheskikh Issledovaniyakh, 1955, pp 5-10.

Internatl Geology Review
Amer Geological Institute
Vol III, No 5

An Experiment on the Applications of Geobotanical Guides in Distinguishing Between Lithologically Similar Strata of Different Origin, by A. M. Shvyryayeva, 10 pp.

RUSSIAN, bk, Geobotanicheskiye Metody pri Geologicheskikh Issledovaniyakh, 1955, pp 19-34.

(see above)

Utilization of the Geobotanical Method in Lithologic Mapping of Early Alluvial Deposits, by L. F. Voronkova, 6 pp.

RUSSIAN, bk, Geobotanicheskiye Metody pri Geologicheskikh Issledovaniyakh, 1955, pp 34-43.

(see above)

Interpretation of Reflection Shooting Data, by N. N. Puzyrev, 1173 pp.

RUSSIAN, bk, Interpretatsiya Danykh Seysmorazvedki Metodom Otrazhemikh Voln, Chap I-V, 1959, pp 3-211; Chap VI-X, pp 212-441.

JPRS 7347 (Pt 1)
JPRS 9362 (Pt 2)

Scientific
Geophysics (Contd)

About the Formation of NO^+ in the Upper Atmosphere, by A. D. Danilov, 8 pp.
RUSSIAN, bk, Iskusstvennyye Sputniki Zemli, No 5, 1960.

Plenum Press

Meteoric Matter and Some Geophysical Problems of the Upper Atmosphere, by B. A. Mirtov, 24 pp.
RUSSIAN, bk, Iskusstvennyye Sputniki Zemli, No 4, 1960,

Plenum Press

Sea Shore and Reservoir Investigation Section of the Oceanographic Commission Under the Presidium of the USSR Academy of Sciences 1952-1955 Work, by A. A. Aksenov.
RUSSIAN, bk, Materialy Sektsii po Izucheniyu Beregov Morey i Vodokhranilishch, 1957, pp 195-198, Call No GCL, U47, V2.

AMS

Decisions Reached by the Shore Section of the Oceanographic Commission on 26-30 November 1955.
RUSSIAN, bk, Materialy Sektsii po Izucheniyu Beregov Morey i Vodokhranilishch, 1957, pp 198-204. Call No GCL, U47, V2.

AMS

Photometric Conditions of Noctilucent Cloud Visibility, by V. V. Sharonov, 32 pp.
RUSSIAN, bk, Mezhdunarodnyy Geofizicheskiy God, Sbornik Statey i Materialov, 1960, pp 12-23.

JPRS 9272

Photoelectric Ozonometers, by Sh. A. Bezverkhniy, A. L. Osherovich, S. F. Rodionov, 53 pp.
RUSSIAN, bk, Mezhdunarodnyy Geofizicheskiy God, Sbornik Statey i Materialov, 1960, pp 81-104.

JPRS 9291

Notes on the Problem of the Relation Between Present Fluctuations of the Arctic Climate and Circulation of the Atmosphere and Solar Activity, by L. S. Petrov, 13 pp.
RUSSIAN, bk, Mezhdunarodnyy Geofizicheskiy God, Sbornik Statey i Materialov, 1960, pp 216-223.

JPRS 9298

Scientific
Geophysics (Contd)

Chapter VIII. The Macrocirculation Method of Long Range Hydrometeorological Forecasts According to G. Ya. Vangengeym, by A. A. Girs, 42 pp.

RUSSIAN, bk, Osnovy Dolgosrochnykh Prognozov Pogody, 1960, pp 432-464.

JPRS 4622

Chapter XII. A Survey of Methods and Investigations in the Problem of Long-Range Forecasting in the Various Countries of the World, by A. A. Girs, 32 pp.

RUSSIAN, bk, Osnovy Dolgosrochnykh Prognozov Pogody, 1960, pp 521-546.

JPRS 4622

The Heat Balance and Microclimate of Certain Landscapes in a Sandy Desert, by B. A. Aizenshtat, 90 pp.

RUSSIAN, bk, Sbornik Statey Pod Red. Glavnaya Geofizicheskaya Observatoriya Sovremennye Problemy Meteorologii Prizemnogo Sloya Vozdukha, 1958, pp 67-130.

Amer Meteorol Soc
AF Cambridge Res Center

Spectral Electrophotometric and Radar Investigations of Auroras and Night Airglow, IV Section of IGY Program (Auroras and Airglow), by V. I. Krasovskiy, (DC-6078).

RUSSIAN, bk, Spektral'nyye Elektrofotometricheskiye i Radiolokatsionnyye Issledovaniya Polyarnykh Siyaniy i Svecheniya Nochnogo Neba, IV Razdel Programmy MGG (Polyarnyye Siyaniya i Svecheniya Nochnogo Neba), No 2/3, 1960, pp 7-72.

*JPRS

Jet Streams in the Atmosphere, by Kh. P. Pogosyan, 188 pp.

RUSSIAN, bk, Strui nye Teheniya v Atmosfere, 1960, 178 pp.

Amer Meteorol Soc
AF Cambridge Res Center

The Dickson Island and Cape Cheliuskin Q-Indices of Magnetic Activity, by Ya. I. Fel'dshtein, 13 pp.

RUSSIAN, bk, Vozmushcheniya Elektromagnitnogo Polia Zemli, Academy of Sciences Press, 1960.

Amer Meteorol Soc
AF Cambridge Res Center

Kinetics of Ultrasonic Fog Formation, by L. D. Rozenberg, O. K. Eknadiosyants, 4 pp.

RUSSIAN, per, Akust Zhur, Vol VI, No 3, 1960, pp 370-373. 9076396

DSI 668

Scientific
Geophysics (Contd)

Critical Level of Groundwater That
Salinizes Soil, by V. Volobuyev.
RUSSIAN, per, Dok Ak Nauk
Azerbaydzhanskoy SSSR, Vol II, No 8,
1946, pp 332-335.

CSIRO Tr 5002

Determination of the Transmission
Coefficient of the Atmosphere From
the Polarization of the Sky Light,
by Ye. V. Pyaskovskaya-Fesenkova.
RUSSIAN, per, Dok Ak Nauk SSSR,
Vol CXXXIV, No 4, 1960, pp 812-815.

*ATIC MCL-1123/1

On the Structure of Slow Magneto-
hydrodynamic Shock Waves in the
Presence of Barotropic Conditions,
by A. G. Kulikovskiy.
RUSSIAN, per, Dok Ak Nauk SSSR,
Vol CXXXVII, No 4, 1961, pp 810-813.

*ATIC MCL-1134/1

The Occurrence of Cavities in Turbulent
Boundary Layers and Wake Currents, by
V. I. Il'ichev, (SF-1880).
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI,
No 5, 1961, pp 1047-1050.

*JPRS

Nitrogen Ions in the Upper Atmosphere
and Nocturnal Ionization in the E
Region, by V. G. Istomin.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVII,
No 5, 1961, pp 1102-1105.

*ATIC MCL-1213/1

Lecture on Gravitation, by A. Presnyakov.
RUSSIAN, np, Ekon Gazeta, 15 Jan 1961.

*ATIC MCL-1057/1

Magnetic Effects of Meteors, by
A. G. Kalashnikov.
RUSSIAN, per, Iz Ak Nauk SSSR, Ser
Geofiz, No 6, 1952, pp 7-20.

Weapons Research Estab

Results of Investigations of Natural
Aerosols Over Different Regions of the
USSR, by A. G. Laktionov.
RUSSIAN, per, Iz Ak Nauk SSSR, Ser
Geofiz, No 4, 1960, pp 566-574. 9076524

USDA

Scientific
Geophysics (Contd)

On the Study of Surface Waves, by
V. M. Arkhangel'skaya, 5 pp.
RUSSIAN, per, Iz Ak Nauk SSSR,
Ser Geofiz, No 2, 1961, pp 269-272.

JPRS 8287

An Experiment in the Objective Analysis
of Aerological Data, by V. V. Bykov,
G. P. Kurbatkin, (NY-6550).
RUSSIAN, per, Iz Ak Nauk SSSR, Ser
Geofiz, No 2, 1961, pp 307-318.

*JPRS

Selected Articles From the Russian
Periodical Met i Gid.

No 6, 1958, p 32.

CSIRO Tr 5063

Appreciation of Parching Weather Over
Small Territories, by S. Smirnova.

No 7, 1959, pp 26-29.

CSIRO Tr 4835

The Problem of the Convection Level,
by Yu. Sin'yan.

No 11, 1959, pp 58-68.

Amer Meteorol Soc
AF Cambridge Res Center

Air Cooling and Condensation During
Heat Convection, by A. N. Mertsalov, 5 pp.

No 12, 1960, pp 3-10.

Amer Meteorol Soc
AF Cambridge Res Center

Numerical Forecasting of Humidity,
Cloudiness and Precipitation by Means
of a Computer, by P. K. Kushkin,
E. G. Lomonosov, Yu. N. Lunin, 12 pp.

No 2, 1961.

JPRS 9214

Large-Scale Automation of Hydro-
meterological Operations and the
Formation of an Automatic Telemetric
Station Network, by V. I. Korzun,
V. V. Sidel'nikov, M. S. Sternzat,
17 pp, (pp 13-19).

Scientific
Geophysics (Contd)

Selected Articles From the Russian
Periodical Met i Gid. (Contd)

No 2, 1961.

JPRS 9214

Experience of Long-Range
Forecasting of Spring Floods
Using Atmospheric Circulation
Indices, by G. F. Pastukhova,
6 pp, (pp 42, 43).

Hydrometeorological Observations
Aboard Ships, by L. G. Sobolev,
6 pp, (pp 47, 48).

Literature on Meteorology, Hydrology,
and Oceanography for the Year 1960,
19 pp, (pp 55-59).

No 4, 1961, pp 51-54, (DC-6097).

*JPRS

Transactions of the Scientific-
Research Institutions of the Hydrometeor-
ological Service of the USSR in 1960.

No 5, 1961, (DC-6128).

*JPRS

On the Problem of Cyclone and Anti-
cyclone Displacement, by N. I. Pavlov,
(pp 24-26).

"Agricultural Meteorology" by V. I.
Vitsevich, by L. G. Broydo, O. A. Drozdov,
I. A. Gol'tsberg, (pp 49-53).

Transactions of the Scientific Research
Institutions of the Hydrometeorological
Service of the USSR in 1960, (pp 55-57).

Dolomite and Siderite of the Menilite Series
in the Soviet Carpathians, by M. P. Gabinet,
8 pp.

RUSSIAN, per, Mineralog Sbornik Lvov Geologich
Obshch, No 13, 1959, pp 349-362.

Internatl Geology Review
Amar Geological Institute
Vol III, No 5

Scientific
Geophysics (Contd)

On the Origin of Sedimentary Dolomites,
by G. I. Teodorovich, 12 pp.
RUSSIAN, per, Sovet Geol, No 5, 1960,
pp 74-87.

Internatl Geology Review
Amer Geological Institute
Vol III, No 5

The Problem of Determining the Eddy
Viscosity Coefficient for the Boundary
Layer, by A. V. Tkachenko, 9 pp.
RUSSIAN, per, Trudy Glavnaya Geofiz
Observ, Vol LX, No 122, 1956, pp 53-59.

Amer Meteorol Soc
AF Cambridge Res Center

Perennial Means Characteristics of Certain
Meteorological Elements and the Circulation
Over China During the Winter Months,
by Chang Chia-ch'eng, 41 pp.
RUSSIAN, per, Trudy Glavnoy Geofiz Observ
imeni A. I. Voyeykova, No 90, 1960, pp 11-26.

JPRS 9138

Perennial Mean Characteristics of Atmospheric
Circulation and the Weather Regime Over China
During the Summer Months, by Chang Chi-chia,
52 pp.
RUSSIAN, per, Trudy Glavnoy Geofiz Observ
imeni A. I. Voyeykova, No 90, 1960, pp 43-62.

JPRS 9140

Perennial Variation of Certain Meteorological
Elements and the Recurrence of Typhoons Over
China and Their Connection With Epochal Trans-
formations of W, C, and E Forms, by Chang Chi-chia,
39 pp.
RUSSIAN, per, Trudy Glavnoy Geofiz Observ imeni
A. I. Voyeykova, No 90, 1960, pp 63-78.

JPRS 9141

The Meteorological Conditions of Icing in
St and Sc Clouds, by A. I. Voskresenskiy,
K. I. Chukanin, 17 pp.
RUSSIAN, per, Trudy Leningrad Arkticheskiy
1 Antarkticheskii Nauchno-Issled Inst,
Vol CCXXVIII, No 1, 1959, pp 124-134.

Amer Meteorol Soc
AF Cambridge Res Center

Airplane Apparatus for Modifying Supercooled
Clouds and Fogs, by A. I. Voskresenskiy,
V. G. Morachevskiy, 10 pp.
RUSSIAN, per, Trudy Leningrad Arkticheskiy 1
Antarkticheskii Nauchno-Issled Inst,
Vol CCXXVIII, No 1, 1959, pp 155-161.

Amer Meteorol Soc
AF Cambridge Res Center

Scientific
Geophysics (Contd)

On the Propagation of Smoke From
Factory Stacks, by L. S. Gandin,
R. E. Soloveichik, 16 pp.

RUSSIAN, per, Trudy Leningrad Glavnaya
Geofiz Observ, No 77, 1958, pp 84-94.

Amer Meteorol Soc
AF Cambridge Res Center

Temperature Regime of the Free Atmosphere
Over Ukraine SSR, by L. M. Kravtsova, 65 pp.
RUSSIAN, per, Trudy Nauchno-Issled Inst
Aeroklimatologii, No 3, 1957, pp 3-56.

Amer Meteorol Soc
AF Cambridge Res Center

Accuracy of the Determination of Wind
Direction and Speed at Different Altitudes
With the "Malakhit" Radio Theodolite, by
P. L. Yefimov, A. M. Khachatryan, 23 pp.
RUSSIAN, per, Trudy Tsentral Aerolog Observ,
No 31, 1959, pp 83-92.

JPRS 9280

Fluctuations of Electromagnetic Waves in
the Troposphere, by F. G. Bass, S. Ya. Braude,
E. A. Kaner, A. V. Men.
RUSSIAN, per, Uspekhi Fiz Nauk, Vol LXXIII,
No 1, 1961, pp 89-119.

*ATTC MCL-1263/1

Temperature Conditions in the Rivers of
the Bulgarian People's Republic, by Al. I.
Petkov, 11 pp.
BULGARIAN, per, Khidrologiya i Meteorologiya,
No 5, 1960, pp 28-36.

JPRS 8151

Cold Fronts on the Western Quadrant and
Conditions Producing Frontogenesis or
Frontolysis Over the Balkan Peninsula,
by M. Martinov, 12 pp.
BULGARIAN, per, Khidrologiya i Meteorologiya,
No 5, 1960, pp 51-60.

JPRS 8151

A Note on the Orographical Effect on the
Formation of the Mean Temperature Field,
by Pao-chen Chu, 6 pp.
CHINESE, per, Acta Meteorol Sinica,
Vol XXVIII, 1957, pp 315-318.

AEC Tr-4216

Book Review of "A Systematic Summary
of the Development of Tectonics in China",
11 pp.
CHINESE, per, K'o-hsueh T'ung-pao, No 10,
26 May 1960, pp 318-320.

JPRS 9114

Scientific
Geophysics (Contd)

Yugoslav Hydrometeorological Service, (DC-6138).
CROATIAN, per, Jugoslovenski Pregled,
Apr 1961, pp 177-179.

*JPRS

Czechoslovak Study of the Dependence of
the Albedo on the Height of the Sun and on
Cloudiness, by P. Petrovic, 31 pp.
CZECH, per, Meteorologické Zpravy, Vol XIII,
No 6, 31 Dec 1960, pp 140-146.

JPRS 9357

Contemporary Volcanism, by Marcel Ducrot.
FRENCH, bk, La Reunion, 1960, pp 28-32.
Call No. DC 1 R 52 #45.

AMS

Reunion's Hotbaths, by Mondeteguy.
FRENCH, bk, La Reunion, 1960, pp 86-89.
Call No. DC 1 R 52 #45.

AMS

Coasts and Seacost Life, by Edmond Percier.
FRENCH, bk, La Reunion, 1960, pp 117-125.
Call No DC 1 R 52 #45.

AMS

Observations of Atmospheric Ozone During a
Total Eclipse of the Sun, by E. M. Fournier
d'Albe, S. I. Rasool.
FRENCH, per, Annales de Geophysique, Vol XII,
No 1, 1956, pp 72-74.

Weapons Research Estab

Magnetic Activity in the Polar Regions,
by P. Mayaud.
FRENCH, per, Annales de Geophysique,
Vol XII, 1956, pp 84-101.

CSIRO Tr 5003

Determination of Tritium in the Atmosphere,
by A. M. Chapuis, G. Soudain, 7 pp.
FRENCH, per, Bull Inform Sci et Tech (Paris),
No 43, Sep 1960, pp 52-57.

AEC Tr-4551

Relationship Between the Reduced Thickness
of Atmospheric Ozone and Its Concentration
In the Ground Layer, by S. I. Rasool.
FRENCH, per, Comptes Rendus Academie des
Sciences, Vol CCKLII, No 2, 1956, pp 2168-2171.

Weapons Research Estab

Scientific
Geophysics (Contd)

Minimum Smokestack Heights. Their Determination From the Principles of Turbulent Diffusion in the Atmosphere, by F. Wippermann, W. Klug, 45 pp. GERMAN, bk, Schornsteinmindesthoehen, 1960.

Amer Meteorol Soc
AF Cambridge Res Center

Statute on the State Geological Commission of East Germany, 5 pp. GERMAN, per, Gesetzblatt der Deutschen Demokratischen Republik, Vol III, No 4, 9 Feb 1961, pp 43-45.

JPRS 4628

Wind Shelter Hedges in the Wind Tunnel, by H. Trienes, 10 pp. GERMAN, per, Meteorologische Rundschau, Vol X, No 3, 1957, pp 88-93.

AEC UCRL-Trans-608(L)

Vertical Distribution of Atmospheric Ozone, Determined From Balloon Ascents, by H. K. Paetzold. GERMAN, per, Z fuer Naturforschung, Vol XX, No 1, 1955, pp 33-41.

CSIRO

Geographic Aspects of Modern Weather Forecasting, by Laszlo Aujeszky, 3 pp. HUNGARIAN, per, Foldrajzi Kozlemenyek, Vol VIII, No 4, 1960, pp 372-374.

JPRS 4639

Medium-Range Weather Forecasting in the Hungarian Meteorological Service, by Laszlo Aujeszky, 3 pp. HUNGARIAN, per, Idojaras, Vol LIV, No 3, May/Jun 1950, pp 182-184.

JPRS 9061

On the Shallow Water Effects Upon the Wake of Ships, by M. Kinoshite. JAPANESE, per, Journal of Zosen Kikokai, Vol LXXIV, May 1952, pp 59-97.

Navy Tr 2801/ONI 450

The Matter Between the Earth and the Sun, by W. Krzeminski. POLISH, per, Postepy Astronomii, Vol VIII, No 3, 1960, pp 169, 170.

*ATIC MCL-1219/1+2

Scientific
Geophysics (Contd)

The Fourteenth Congress of Delegates
of the Society of Polish Geodesists,
9 pp.

POLISH, per, Przegląd Geodezyjny,
Vol XXXII, No 7, 1960, pp 258-261.

JPRS 8473

Climate and Vegetation of Mountains,
by L. Walstedt.

SWEDISH, per, Kungliga Skogs- och
Lantbruksakademiens Tidskrift, Vol XCVII,
No 4, 1958, pp 231-270.

CSIRO Tr 4332

Mathematics

Computational Methods of Linear Algebra -
Chapter 1 - Basic Material From Linear Algebra,
by V. N. Faddeyeva, 93 pp.
RUSSIAN, rpt, 1 Apr 1952.

AEC NBS-1644

Some Questions Relating to Operational
Calculus, by M. I. Kontorovich.
RUSSIAN, bk, Operatsionnoye Ischislenie i
Nestatsionarnye Yavleniya v Elektricheskikh
Tselyakh, 2d Ed, 1955, 230 pp.

*NRL

The Maximum Principle in the Theory of Optimal
Processes, by V. G. Boltyanskiy, 5 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX,
No 6, 1958, pp 1070-1073.

JPRS 4659

On Conditions Sufficient for Optimum,
by L. I. Rozoner, 6 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII,
No 3, 1959, pp 520-523.

JPRS 4657

Realization of Algebraic Logic Functions
by Formulas of Bounded Depth in the Basis
&, $\vee$, by O. B. Lupanov, (NY-6502).
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI,
No 5, 1961, pp 1041, 1042.

*JPRS

Scientific
Mathematics (Contd)

Equivalent Transformation of Contact-
and-Rectifier Circuits, by V. L. Murakiy,
(NY-6502).

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI,
No 5, 1961, pp 1043-1046.

*JPRS

Tensor Forms From Basic Equations of
Kinematic Chains and Mechanisms, by D.
Mangeron, C. Dragan, (DC-6071).

BULGARIAN, per, Iz na Matemat Inst na
Bulgarska Ak na Nauk, Vol IV, No 2,
1960, pp 57-62.

*JPRS

Concerning the Differential Equation y''
 $ax y 0$, by Iv. Chobanov, G. Paskalev,
(DC-6071).

BULGARIAN, per, Iz na Matemat Inst na
Bulgarska Ak na Nauk, Vol IV, No 2,
1960, pp 75-78.

*JPRS

The Status and Needs in Mathematical
Science in Bulgaria, by Lyubomir Iliev, 22 pp.

BULGARIAN, per, Spisanie na Bulgarskata
Akademiya na Naukite, Vol V, No 3,
1960, pp 3-23.

JPRS 8404

The Application of Mathematical Statistics
in the Czechoslovak Machine Building Indus-
try, by Anezka Zaludova, 12 pp.

GERMAN, per, Fertigungstech und Betrieb,
Vol IX, No 1, 1959, pp 23-26.

AEC SCL-T-357

General Computational Methods of
Chebyshev Approximation. The Problems
With Linear Real Parameters, by
E. Ya. Remez.

UKRAINIAN, rpt, 1957.

AEC Tr-4491

Scientific
Medicine

The Genetic Danger of Small Radiation
Doses for Man and Their Effect on the
Heredity of Monkeys and Rodents, by
N. P. Dubinin, M. A. Arsen'yeva,
Yu. Ya. Kerkis, 20 pp.
RUSSIAN, rpt, United Nations Report
A/AC.82/G/L.406, 1960.

AEC Tr-4533

Aeroionofication in the National Economy,
USSR, by A. L. Chizhevskiy, (NY-6536).
RUSSIAN, bk, Aeroinifikatsiya v Narodnom
Khozyaystve, 1960, pp 3-13, 307, 655-662,
663-705, 757-758.

*JPRS

Selected Articles From the Russian
Encyclopedia Bol'shaya Meditsinskaya
Entsiklopediya, Vol XVII, 1960.

The Medical Periodical Press, by
M. Levit, M. Multanovskiy, A. Nesterenko,
20 pp, (pp 674-688).

JPRS 9189

The Medical Industry, by A. Natradze,
6 pp, (pp 703-708).

JPRS 9190

Medical Supply, by M. Klyuyev,
V. Kur'yarov, V. Lapin, 10 pp,
(pp 848-855).

JPRS 9194

Dosimetry of Radioactive Isotopes, by
Konstantin K. Aglintsev, 528 pp.
RUSSIAN, bk, Dosimetriya Ioniziruyu-
shchikh Izkuchevniy, 1957.

ACSI H-6530
ID 2144868

Electroencephalography, by M. N. Livanov,
V. M. Anan'yev, (NY-6545).
RUSSIAN, bk, Elektroentsefaloskopiya, 1959,
108 pp.

*JPRS

The Use of Radioelectronics in Medicine
and Biology, by V. V. Parin, (NY-6566).
RUSSIAN, bk, Elektronika v Meditsine,
1960, pp 19-37.

*JPRS

Scientific
Medicine (Contd)

Portable Defibrillator for a Universal Power Supply, by K. Azhibayev, V. Eskin, (NY-6518).
RUSSIAN, bk, Fizicheskiye i Fiziologicheskiye Prichiny Povysheniya Elektroopasnosti v Gornykh i Zharkikh Stranakh, 1960, pp 62-68.

*JPRS

Gamma Radiation of Radioactive Bodies and Fundamentals of Calculating Protection Against Radiation, by G. V. Gorshkov, 311 pp.
RUSSIAN, bk, Gamma-Izlucheniye Radioaktivnykh Tel i Elementy Rascheta Zashchity ot Izlucheniya.

ACSI H-6748

First Conference on the Problems of Cyto- and Histochemistry. Reports, December 1960, 132 pp.
RUSSIAN, bk, I Konferentsiya po Voprosam Tsito- i Gistokhimii, Doklady Dekabrya 1960 goda, 1960, pp 1-130.

JPRS 9186

A Microapparatus for the Registration of Certain Physiological Functions by Radio, by L. P. Shuvатов, (NY-6540).
RUSSIAN, pamphlet, Mikroapparatura dlya Registratsii po Radio Nekotorykh Fiziologicheskikh Funktsiy, 1959, 123 pp.

*JPRS

Achievements in Technological and Agricultural Microbiology, by D. L. Shamis, (NY-6561).
RUSSIAN, bk, Nauka Sovetskogo Kazakhstana, 1960, pp 490-504.

*JPRS

Fundamental Problems of the Development of the Science of Virology in Kazakhstan, by Kh. Zh. Zhumatov, (NY-6561).
RUSSIAN, bk, Nauka Sovetskogo Kazakhstana, 1960, pp 505-523.

*JPRS

Sanitary Chemical Defense, by Yu. V. Drugov, (NY-6574).
RUSSIAN, bk, Sanitarno-Khimicheskaya Zashchita, 1959, 435 pp.

*JPRS

Scientific
Medicine (Contd)

Lenin's Theory of Reflection and the
Contemporary Physiology of Sense Organs,
by N. I. Grashchenkov, 34 pp.

RUSSIAN, paper, Trudy Vsesoyuznogo Sove-
shchaniya po Filosofskim Voprosam Yestes-
tvoznaniya, Filosofskiye Problemy Sovremen-
nogo Yestestvoznaniya, 1959, pp 341-364.

JPRS 9246

Selected Articles From the Russian Book
Vitaminy. II. Polucheniye i Ochistka
Vitaminov Fiziologiya i Biokhimiya Vitaminov,
Kiev, 1956.

JPRS 8139

Effect of the Cooling of the Organism
on the Metabolism of Pyridine and
Thiamine Compounds, by L. N. Kuznetsova,
Ye. V. Lakhno, V. A. Ostroukhova, A. A.
Rybina, R. V. Shagovets, 16 pp,
(pp 86-97).

New Data on the Biological Role of Vitamin
A, by K. M. Leutskiy, 11 pp, (pp 144-151).

Problems of the Metabolism of Nicotinic
Acid in Cases of Sodium and Chlorine In-
sufficiency, by K. M. Leutskiy, 11 pp,
(pp 152-157).

The Interaction of Thiamine and Ascorbic
Acid, by Z. S. Gershenovich, A. I. Minkina,
26 pp, (pp 158-173).

Concerning Some Remarks in Regard to the
Plan for the Apothecary Network During 1961,
by N. S. Kupriyanov, 4 pp.

RUSSIAN, per, Aptechnoye Delo, Vol X, No 1,
1961, pp 4-7.

JPRS 4623

Materials for the Study of Chinese Traditional
Medicine, Used in Treatment of Hypertensive
Disease, Nephritis, Diabetes, and Cancer,
by G. K. Nikonov, et al, (NY-6541).

RUSSIAN, per, Aptechnoye Delo, No 2, 1961,
pp 71-83.

*JPRS

Scientific
Medicine (Contd)

The Importance of the Nervous Factor in the Accretion of an Ovarian Transplant, by O. V. Volkova, 11 pp.

RUSSIAN, per, Arkhiv Anatom, Gistolog i Embriolog, Vol XL, No 2, 1961, pp 17-23.

JPRS 9219

The Anatomy of Intraorgan Arteries in the Understanding of the Pathogenesis of Infarction, by M. G. Prives, (NY-6524).

RUSSIAN, per, Arkhiv Anatom, Gistolog i Embryo, Vol XL, No 4, 1961, pp 72-79.

*JPRS

Selected Articles From the Russian Periodical Arkhiv Patol.

Vol XXII, No 11, 1960.

On the Problem of Blood Supply of the Heart in Coronary Atherosclerosis, by K. A. Gornak, 24 pp, (pp 34-44).

JPRS 7710

On the Structure and Compensatory Significance of Thebesius Vessels in the Left Ventricle of the Heart Affected by Myocardial Infarction, by V. D. Arutyunov, 13 pp, (pp 85-91).

JPRS 7718

Vol XXIII, No 1, 1961.

The Problem of Atherosclerosis, by I. V. Davydovskiy, L. A. Gulina, 37 pp, (pp 3-23).

JPRS 9117

Morphological Changes in the Central Nervous System Under the Effect of Centimetric Waves on the Organism, by L. A. Dolina, 14 pp, (pp 51-57).

JPRS 9118

Vol XXIII, No 4, 1961, (NY-6522).

*JPRS

Experimental E-Avitaminosis as a Model of Progressive Muscular Dystrophy in Man, by M. G. Shcherbakova, (pp 15-23).

Differential Diagnosis of Changes Occurring in the Pineal Body With Regard to Advancing Age and Pathology, by A. M. Khelinskiy, (pp 76-79).

Scientific
Medicine (Contd)

Selected Articles From the Russian
Periodical Arkhir Patol. (Contd)

Vol XXIII, No 5, 1961, (NY-6548).

*JPRS

Autoimmunization and the Significance
of Autoantibodies in Pathology, by
A. M. Vikhert, (pp 3-18).

The Morphology of the Kidneys in Some
Forms of Experimental Sensitization,
by A. G. Beglaryan, V. V. Serov,
(pp 19-26).

Mitogenetic Irradiation of the Neuromuscular
System as a Method of Analysis of Its Molecu-
lar Substrate. Report III. The Regulating
Effect of Spinal-Cord Centers on the Molecular
Substrates of Muscles of Animals at Different
Ages and the Significance of This Regulation
to Muscle Metabolism, by A. A. Gurvich,
V. F. Yeremeyev, M. A. Lipkind, 12 pp.
RUSSIAN, per, Byul Eksper Biol i Med, Vol LIX,
No 4, 1961, pp 57-61.

JPRS 9471

Selected Articles From the Russian Periodical
Eksper Khirurg i Anesteziologiya, No 1,
Jan/Feb 1961.

An Experimental Study of Hypothermia,
Cavapulmonary Anastomosis and Extracor-
poreal Circulation With Regard to Surgery
on the Open Heart, by V. V. Kovanov,
B. A. Konstantinov, 16 pp, (pp 12-18).

JPRS 9273

The Mechanism of Acute Cardiac Dilatation Under
Conditions of Extracorporeal Circulation,
by S. Sh. Kharnas, R. S. Vinitskaya,
Yu. D. Volynskiy, 9 pp, (pp 19-21).

JPRS 9274

Hematological Data in Cardiac Surgery With
the Use of Extracorporeal Circulation, by
Ye. A. Kolyaditskaya, Ye. A. Khrushcheva,
12 pp, (pp 22-26).

JPRS 9275

The Problem of an Experimental Defect of
the Interventricular Cardiac Septum, by
I. G. Bobkov, 12 pp, (pp 37-42).

JPRS 9276

Scientific
Medicine (Contd)

Selected Articles From the Russian Periodical
Eksper Khirurg i Anesteziologiya, No 1,
Jan/Feb 1961. (Contd)

Morphological Changes in Tissue of Auto-
plastically Successfully Transplanted
Extremities in Dogs, by A. A. Vishnevskiy,
P. N. Mazayev, A. P. Maysyuk, 8 pp,
(pp 43-47).

JPRS 9277

Cutaneous Plastic Surgery by the Method
of Implantation in Extensive Burns, by
S. P. Protopopov, 6 pp, (pp 48-51).

JPRS 9278

The Effect of Certain Complex Cobalt Salt
Compounds With Group B Vitamin on the Peri-
pheral Blood in Experimental Radiation Sick-
ness, by M. F. Runova, (NY-6535).
RUSSIAN, per, Farmakolog i Toksikolog, Vol XXIV,
No 3, 1961, pp 191-196.

*JPRS

Selected Articles From the Russian
Periodical Fiz Zhur.

Vol VII, No 1, 1961.

Characteristics of the Innervation of the
Pia Mater of the Human Brain in Advanced and
Old Age, by G. A. Konstantynovskiy, 9 pp,
(pp 113-119).

JPRS 9423

Third Conference on Problems of Electro-
physiology, by Z. O. Sorokina, Yu. P.
Limanskiy, 5 pp, (pp 151-153).

JPRS 9424

Vol VII, No 2, 1961, (NY-6551).

*JPRS

Formation and Development of the Mobility
of Neural Processes in Ontogeny in Dogs,
by V. A. Troshikhin, L. N. Kozlova,
(pp 159-163).

Peculiarities of the Course of the Excita-
tion Process in Various Parts of the Motor
Neuron, by P. G. Kostyuk, I. P. Semenyutin,
(pp 161-176).

Scientific
Medicine (Contd)

Selected Articles From the Russian
Periodical Fiz Zhur. (Contd)

Vol VII, No 2, 1961, (NY-6551).

*JPRS

Changes in Pneumogram and Electrodiagram
Arising as a Result of the Action of Weak
Pulse Currents on the Brain, by
N. D. Stetsenko, (pp 187-195).

Electrophysiological and Histological
Characteristics of the Joint Capsule
Receptors, by S. I. Fudel-Osipova,
G. L. Ements, A. V. Burichenko, (pp 197-205).

Effect of X-Ray Irradiation on the Mem-
brane Potential and Concentration of
Potassium and Sodium in Frog Muscle
Fibres, by V. I. Bogomoletz, (pp 214-219).

Effect of Ultrasound on the Nucleic Acid
Content in the Tissues of the Animal
Organism, by N. E. Khursin, (pp 266-270).

The Basic Substance, Its Composition and
Functional Significance, by A. I. Smirnova-
Zamkova, G. V. Melnichenko, (pp 277-283).

Selected Articles From the Russian
Periodical Gig i San.

Vol XXV, No 4, 1960, pp 78-81.

JPRS 9360

The Organization of Sanitary-Epidemiological
Work Under New Conditions, by G. M. Margulis,
M. I. Bromanskaya, 5 pp.

Vol XXVI, No 1, 1961.

A Law on the Protection of Nature, 6 pp,
(pp 3-6).

JPRS 9377

An Investigation of the Hygienic Charac-
teristics of Ultrasonic Waves in Industry,
by Z. S. Lisichkina, 14 pp, (pp 23-32).

JPRS 9378

Scientific
Medicine (Contd)

Selected Articles From the Russian
Periodical Gig i San. (Contd)

Vol XXVI, No 1, 1961.

Change in the Electrical Reactivity of
the Brain in Children After School
Classes, by Yu. M. Pratushevich,
N. N. Korzh, 9 pp, (pp 44-50).

JPRS 9379

Problems of the Hygiene of Children and
Adolescents at the First All-Russian
Congress of Hygienists and Sanitation
Physicians, by Ye. M. Belostotskaya,
5 pp, (pp 117-119).

JPRS 9381

Vol XXVI, No 2, 1961, pp 47-53.

JPRS 8334

Photoelectric Count of the Number of
Aerosol Particles of Organic and Inorganic
Origin, by V. S. Kiktenko, Yu. P. Safronov,
S. I. Khar'yavtsev, et al, 12 pp.

Vol XXVI, No 3, 1961, pp 25-31, (SF-1905).

*JPRS

The Effect of Pulsating and Stable Noise
on the Organism Under Experimental Con-
ditions, by O. P. Shepelin.

Vol XXVI, No 4, 1961, (NY-6523).

*JPRS

Medical and Hygienic Observations of
Middle-Aged and Elderly Persons Engaged
in General Physical Training, by
B. A. Savenkov, (pp 9-14).

Changes in the Muscular Efficiency in Per-
sons Working Under the Effect of Noise,
by E. P. Orlovskaya, (pp 21-24).

The Hygienic Aspect of Preventive Measures
Against Diseases of the Cardiovascular
System, by I. I. Belyayev, (pp 71-76).

The Problem of Noise Control in Aviation,
by E. Ya. Yudin, (pp 76-81).

Scientific
Medicine (Contd)

Selected Articles From the Russian
Periodical Gig i San. (Contd)

Vol XXVI, No 5, 1961.

*JPRS

On the Combined Action of High Frequency
Field and X-Rays in Industry, by
R. N. Vollovskaya, Yu. A. Osipov,
T. V. Kolyada, et al, (pp 18-23), (NY-6570).

On the Work Routine in Industrial Training
of School Children Undergraduates, by
R. G. Sapozhnikova, N. M. Popova,
E. I. Korenenovskaya, (pp 28-33), (NY-6569).

Energy Consumption in Boarding-School Under-
graduates at Pioneer Camps, by V. V. Maksimov,
(pp 33-37), (NY-6569).

Organization of Sanitary Control in the
Use of Radioactive Substances and Over
all Sources of Ionizing Radiation in the
National Economy of the USSR, by
P. I. Moysseytsev, (pp 51-55), (NY-6570).

Hygienic Evaluation of Various Working Rou-
tines for School Undergraduates at Farm
Camps, by A. D. Khramtsova, L. B. Shestakova,
(pp 102-105), (NY-6569).

Concerning Certain Biochemical Indices of
Blood in People Subjected to Vibration Action,
by N. N. Pushkina, (NY-6520).

RUSSIAN, per, Gig Truda i Professional Zabol,
Vol V, No 2, 1961, pp 29-32.

*JPRS

The Evolution of the Chemical Basis of the
Function of the Nervous System, by
Kh. S. Koshtoyants, 9 pp.

RUSSIAN, per, Iz Ak Nauk Armyanskoy SSR, Biol
Nauk, Vol XIII, No 11, 1960, pp 3-9.

JPRS 9325

Scientific
Medicine (Contd)

Selected Articles From the Russian
Periodical Khirurgiya.

Vol XXXVI, No 12, 1960, pp 128-132.

JPRS 8316

Resolutions Adopted at the 27th All-
Union Conference of Surgeons, USSR, 10 pp.

Vol XXXVII, No 1, 1961, pp 39-45.

JPRS 9210

Study of the Functional Condition of the
Brain on the Basis of Electroencephalo-
graphic Data During a Mitral Commissurotomy,
by S. N. Strakhov, 10 pp.

Vol XXXVII, No 5, 1961, (NY-6564).

*JPRS

Plastic Prosthetics in the Surgical Treat-
ment of Angurysms of Peripheral Vessels,
by B. V. Petrovskiy, O. B. Milanov,
V. S. Krylov, (pp 7-12).

Replacement of Vena Cava Defects (Experi-
mental Research), by M. G. Sirotkina,
(pp 12-15).

Hemostatic Properties of Polyglucin, by
A. A. From, N. Ya. Lagutina, A. A. Lunats,
(pp 70-75).

The Problem of the Control of the Suitability
of Preserved Blood Vessels Kept Under Vacuum
Conditions, by D. A. Donetskiy, (pp 113-115).

The Effect of the Nature of Work on the Arterial
Pressure of Man at the Arctic and Antarctic,
by N. R. Paleyev, (NY-6565).
RUSSIAN, per, Klin Med, Vol XXXIX, No 5, 1961,
pp 22-26.

*JPRS

The Incidence of Atherosclerosis According
to Autopsy Data of Leningrad for 1954-1958,
by P. V. Sipovskiy, Z. A. Vlasova, (NY-6565).
RUSSIAN, per, Klin Med, Vol XXXIX, No 5, 1961,
pp 65-73.

*JPRS

Scientific
Medicine (Contd)

Experimental Reproduction of Human Diseases, by D. S. Sarkisov, P. I. Remezov, (NY-6565).
RUSSIAN, per, Klin Med, Vol XXXIX, No 5, 1961, pp 155-156.

*JPRS

Brucellosis Research, by O. P. Dushina, N. I. Veden'yeva, Kh. B. Gus, et al, (NY-6209).
RUSSIAN, per, Laboratornoye Delo, Vol VI, No 5, 1960, pp 5-7.

*JPRS

Selected Articles From the Russian
Periodical Med Prom SSSR.

Vol XV, No 1, 1961, pp 33-38.

JPRS 9163

The Use of Ionizing Radiations for the Sterilization of Medicinal Preparations, by Z. V. Yermol'yeva, V. I. Pochapinskiy, 10 pp.

Vol XV, No 2, 1961, pp 63-64.

JPRS 8348

All-Union Conference on the Chemistry and Technology of Synthetic Steroid Hormones and Their Analogs, 4 pp.

Scientific
Medicine (Contd)

Selected Articles From the Russian
Periodical Med Prom SSSR. (Contd)

Vol XV, No 3, 1961.

Medicinal Preparations Based on Poly-
mers, by M. F. Shostakovskiy, F. P.
Sidel'kovskaya, 15 pp, (pp 6-13).

JPRS 9375

The Synthesis of Sigetin (Dipotassium
Salt of p, p'-Disulfo-Mexo-3, 4-Diphenyl-
hexane), by S. F. Torf. N. V. Khromov-
Borisov, 5 pp, (pp 13-14).

JPRS 9376

Vol XV, No 5, 1961, (SF-1907).

*JPRS

Current Anesthesia and the Tasks of
Medical Industry, by I. S. Zhorov,
(pp 3-14).

Drugs in Current Anesthesiology, by
M. D. Mashovsky, (pp 14-30).

Apparatus for Anesthesia, by
Yu. F. Kabatov, (pp 30-34).

*JPRS

On the Threshold of the Secret of Regenera-
tion. Not a Fairy Tale, But a True Story,
by T. Trofimova, 4 pp.
RUSSIAN, np, Nedelya (Supplement to Izvestiya),
No 37, 1960, p 6.

JPRS 4634

The Use of Ultra-High Frequency Electro-
magnetic Fields in Medicine, by A. R. Livenson,
23 pp.
RUSSIAN, per, Novosti Medit Tekh, No 1, 1959,
pp 31-44.

JPRS 9409

Selected Articles From the Russian
Periodical Novyy Khirurg Arkhiv.

No 2, 1961, pp 45-49.

JPRS 9208

The Use of Electronarcosis During the
Postoperative Period, by A. A. Luk'yanova,
9 pp.

Scientific
Medicine (Contd)

Selected Articles From the Russian
Periodical Novyy Khirurg Arkhiv. (Contd)

No 4, 1961, (NY-6563).

*JPRS

Concerning the Evaluation of the Efficacy of the Initial Surgical Treatment of Burns According to the Method of Vil'bushevich, by N. A. Orlov, N. I. Lavrentyev, (pp 34-36).

Certain Problems of Tissue Heterotransplantation, by A. A. Bocharov, M. A. Lushchitskiy, K. M. Lisitsyn, et al, (pp 37-41).

Clinical and Morphological Characteristics of Extensive Granulating Wounds During Burn Exhaustion, by V. M. Pinchuk, V. I. Filatov, (pp 42-49).

Clinical Studies of the Combined Effect of Neuroplegics and Anesthetics During the Use of Potentiated Anesthesia, by V. A. Gologorskiy, (pp 50-57).

The Connection of a Gastro-Pleural Fistula With the Simultaneous Plastic Repair of the Diaphragm With Frozen Pericardium, by P. P. Kovalenko, G. P. Eteriya, (pp 66-67).

A Heart-Lung Apparatus and Its Experimental Testing, by I. L. Lissov, (pp 75-81).

No 5, 1961, (NY-6571).

*JPRS

The Present Status of Emergency Surgery in UkSSR and the Measures for Its Improvement, by D. F. Skripnichenko, (pp 3-11).

The Most Important Problem in Cardiac Surgery, by N. M. Amosov, (pp 11-19).

The Experimental Repair of the Defects of Small Arteries and Veins by the Alloplastic Method, by N. I. Putilin, V. P. Dzbanovskiy, (pp 31-36).

Scientific
Medicine (Contd)

Cholinesterase Reactivation and Experimental Therapy of Mercaptophos Poisoning, by Yu. G. Kagan, 6 pp.
RUSSIAN, per, Patol Fiz i Eksper Terapiya, Vol V, No 1, 1961, pp 63-65.

JPRS 9312

The Use of Piezoelectric Transducers for Measuring the Arterial Pressure of Rabbits in a Chronic Experiment, by A. M. Ivanitskiy, 3 pp.
RUSSIAN, per, Patol Fiz i Eksper Terapiya, Vol V, No 1, Jan/Feb 1961, pp 69, 70.

JPRS 9313

Resolutions of the Third All-Union Conference of Pathophysiologists (9 July 1960), by I. P. Petrov, Ya. V. Gubler, 17 pp.
RUSSIAN, per, Patol Fiz i Eksper Terapiya, Vol V, No 1, Jan/Feb 1961, pp 83-88.

JPRS 9319

Investigation of the Effect of Electromagnetic Energy of Centimeter Waves on Hemopoiesis, by N. A. Suvorovskaya, 6 pp.
RUSSIAN, per, Patol Fiz i Eksper Terapiya, Vol V, No 1, 1961, pp 38-40.

JPRS 9314

Further Decrease of Early Childhood Morbidity and Mortality -- the Basic Task of Pediatricians and Obstetricians, by A. F. Tur, 9 pp.
RUSSIAN, per, Pediatrica, Vol XL, No 3, 1961, pp 3-8.

JPRS 9269

The Attack on Infection Is Continuing, by V. M. Zhdanov, 6 pp.
RUSSIAN, per, Priroda, Vol XLIX, No 6, 1960, pp 23-26.

JPRS 9250

Splenin, Its Biological and Therapeutic Properties, by V. P. Komissarenko, 22 pp.
RUSSIAN, per, Problemy Endokrin i Gormonoterapii, Vol VII, No 2, Mar/Apr 1961, pp 104-117.

JPRS 9369

Cytological Study of Smears Obtained From the Nasal Cavity as a Method of Diagnosis of Malignant Tumors of the Maxillary Sinus and the Ethmoidal Labyrinth, by A. Sh. Bochorishvili, 6 pp.
RUSSIAN, per, Soobshcheniya Ak Nauk Gruzinskoy SSR, Vol XXIV, No 5, 1960, pp 619-623.

JPRS 9218

Scientific
Medicine (Contd)

Oxygenation as a Method of Treating Burns,
by I. V. Sheremet, 8 pp.
RUSSIAN, per, Sovet Med, Vol XXV, No 3, 1961,
pp 122-126.

JPRS 9490

Pressing Problems of Modern Heart Surgery,
by B. V. Petrovsky, (DC-6099).
RUSSIAN, per, Sovet Med, Vol XXV, No 4,
1961, pp 9-16.

*JPRS

Selected Articles From the Russian
Periodical Sovet Zdravookhran.

Vol XIX, No 7, 1960, pp 14-19, (SF-1906).

*JPRS

Organization of Scientific-Practical As-
sistance to Public Health Organizations
and Establishment by the Institute for
the Advanced Training of Physicians, by
N. V. Sibirkin. B. D. Petrakov.

Vol XIX, No 12, 1960, pp 12-16.

JPRS 4590

Pressing Problems of the Organization of
Medical Care for Patients Afflicted With
Cardiovascular Diseases, by
E. M. Gol'dzil'ber, P. I. Kal'yu, 6 pp.

Vol XX, No 2, 1961.

Experience in the Study of the Scope of
Hygienic Knowledge and Behavior of the
Population in Relation to the Prophylaxis
of Cardiovascular Diseases, by A. T. Arusta-
nova, 12 pp, (pp 10-16).

JPRS 9200

Regional Characteristics of the Distribu-
tion of Cancer and Health Education, by
L. V. Orlovskiy, 7 pp, (pp 16-20).

JPRS 9201

On Antialcoholic Propaganda in the USSR
and in the Capitalist Countries, by
I. S. Sokolov, 8 pp, (pp 25-29).

JPRS 9202

On the Prophylactic Survey of the Popula-
tion, by M. A. Perebatova, 6 pp, (pp 65-68).

JPRS 9203

Scientific
Medicine (Contd)

Selected Articles From the Russian
Periodical Sovet Zdravookhran. (Contd)

Vol XX, No 2, 1961.

A Comparison of Mortality and Natality
Figures in the USSR and the Capitalist
Countries', by A. M. Merkov, 12 pp,
(pp 68-72).

JPRS 9204

Vol XX, No 4, 1961, (NY-6503).

*JPRS

The Results and Tasks of Work on the
History of Medicine and Public Health,
(pp 3-8).

The Study of the History of Medical Sciences
and Public Health in the Ukrainian SSR, by
K. F. Duplenko, L. A. Gel'fand, (pp 9-15).

Significance of Palmaristry in Forensic Medicine
and Criminology, by M. I. Vilyamovskaya, 9 pp.
RUSSIAN, per, Sudebno-Medit Eksper, Vol IV,
No 1, Feb/Mar, 1961, pp 48-53.

JPRS 9297

Selected Articles From the Russian
Periodical Terapev Arkhiv.

Vol XXXII, No 11, 1960.

Hemopoiesis in Patients Suffering From
Brucellosis and Treated With Antibiotics
and Vaccine, by N. I. Vasil'yeva, 11 pp,
(pp 57-64).

JPRS 9341

All-Russian Conference on Internists, by
I. N. Rybkin, 6 pp, (pp 93-95).

JPRS 9342

Vol XXXIII, No 1, 1961.

The Effect of Beta-Sitosterol on the Level
of Blood Lipids in Patients With Athero-
sclerosis of the Coronary Arteries, by
N. M. Vaysman, L. M. Georgiyevskaya, 15 pp,
(pp 29-35).

JPRS 9166

Scientific
Medicine (Contd)

Selected Articles From the Russian
Periodical Terapev Arkhiv. (Contd)

Vol XXXIII, No 1, 1961.

Characteristics of Hematopoiesis in Patients With Congenital Heart Defects of the Cyanotic Types, by Z. A. Gasteva, 12 pp, (pp 79-84).

JPRS 9168

Vol XXXIII, No 4, 1961, (NY-6533).

*JPRS

Oxygen Debt as an Objective Index of the Functional Condition of the Cardio-Pulmonary System of Patients With Mitral Stenosis, by A.M. Damir, M. V. Pyatnitskiy, (pp 13-17).

A Study of the Pulmonary Circulation in Patients With Mitral Defects, by Ye. N. Meshalkin. I. N. Meshalkin. M. L. Shik, (pp 18-26).

The Effect of Various Substances Administered Into the Muscles on the Effect of Radiation, by N. V. Luchnik, (NY-6543).

RUSSIAN, per, Trudy Inst Biol, Sbornik Rabot Lab Biofiz, II. Problemy Biofiz, No 12, 1960, pp 46-75.

*JPRS

The Effect of Cysteine and Certain Other Sulfur Containing Substances on the Effect of the Irradiation of Animals and Plants, by N. V. Luchnik, Ye. Ya. Timofeyeva-Resovskaya, (NY-6543).

RUSSIAN, per, Trudy Inst Biol, Sbornik Rabot Lab Biofiz, II. Problemy Biofiz, No 12, 1960, pp 76-92.

*JPRS

The Effect of Yeast Extracts on the Mortality of Irradiated Mice and Pea Seedlings, by N. V. Luchnik, (NY-6543).

RUSSIAN, per, Trudy Inst Biol, Sbornik Rabot Lab Biofiz, II. Problemy Biofiz, No 12, 1960, pp 93-118.

*JPRS

Scientific
Medicine (Contd)

The Problem of Anthrax and Immunity, by
Ye. P. Stefanova, 6 pp.
RUSSIAN, per, Trudy Vses Inst Eksper Vet,
No 22, 1959, pp 177-184.

JPRS 4631

Decontamination of Fodder Contaminated
With the Anthrax Pathogen, by Ye. Sh.
Akopyan, (NY-6519).
RUSSIAN, per, Trudy Vses Nauchno-Issled
Inst Vet San, Vol XV, 1959, pp 204-212.

*JPRS

Biochemical Functions of Cell Structures,
by N. M. Sisakyan, (SF-1902).
RUSSIAN, per, Uspekh Sovrem Biol, Vol LI,
No 2, 1961, pp 129-152.

*JPRS

Problems of Conditional Reflex Regulation
of Immunological Reactions, by
V. I. Luk'yanenko, (SF-1899).
RUSSIAN, per, Uspekh Sovrem Biol, Vol LI,
No 2, 1961, pp 170-187.

*JPRS

Selected Articles From the Russian
Periodical Vest Ak Med Nauk SSSR.

Vol XVI, No 4, 1961, (NY-6544).

*JPRS

Certain Results and Further Tasks in
the Eradication and Prophylaxis of In-
fectious Diseases in the USSR, by
V. D. Timakov, (pp 3-9).

Cellular Bases and Neurohumoral Regula-
tion of Immunogenesis, by
P. F. Zdrodovskiy, (pp 9-19).

The Eradication of Malaria in the USSR
and Characteristics of the Path Which
Has Been Taken, by P. G. Sergiyev,
M. G. Rashina, N. N. Dukhanina,
(pp 19-29).

Fundamental Measures for Decreasing the
Incidence of Brucellosis, by
P. A. Vershilova, (pp 59-64).

Scientific
Medicine (Contd)

Selected Articles From the Russian
Periodical Vest Ak Med Nauk SSSR. (Contd)

Vol XVI, No 4, 1961, (NY-6544).

*JPRS

The Problem of the Eradication of Tular-
emia Among Humans in the USSR, by
N. G. Olsuf'yev, (pp 65-78).

Vol XVI, No 5, 1961, (DC-6075).

*JPRS

The Role and Tasks of Experimental Cardi-
ology, by V. V. Parin, F. Z. Meyerson,
(pp 5-12).

Concerning Bone Changes in Chronic External
Irradiation, by A. V. Grinberg, T. V. Orlova,
20 pp.

RUSSIAN, per, Vest Rentgenol i Radiol,
Vol XXVI, No 2, Mar/Apr 1961, pp 10-14.

JPRS 9477

A New Stage in Soviet Public Health and
Our Tasks, (NY-6503).

RUSSIAN, per, Voprosy Kurort Fizioter i
Lech Fiz Kul'tury, Vol XXVI, No 2,
Mar/Apr 1961, pp 97-99.

*JPRS

Twenty-Fifth Scientific Practical Con-
ference of Crimean Physicians of Climatotherapy
Problems, by Ya. M. Bershitskiy, V. G. Boksha,
(NY-6503).

RUSSIAN, per, Voprosy Kurort Fizioter i Lech
Fiz Kul'tury, Vol XXVI, No 2, Mar/Apr 1961,
pp 182-184.

*JPRS

Inter-Oblast Conference of Health Resort
Physicians and Physiotherapists in Kuybyshev,
by I. Ye. Varin, (NY-6503).

RUSSIAN, per, Voprosy Kurort Fizioter i Lech
Fiz Kul'tury, Vol XXVI, No 2, Mar/Apr 1961,
pp 185-190.

*JPRS

Scientific
Medicine (Contd)

Selected Articles From the Russian
Periodical Voprosy Med Khim, Vol VII,
No 2, 1961, (NY-6532).

*JPRS

The Problem of the Steady State During
Muscular Activity, by N. N. Yakovlev,
(pp 120-132).

The Inclusion of Phenylalanine-C¹⁴ Into
the Proteins of Transplantable Tumors of
Animals, by Pan Ch'i-ts'ao, (pp 149-154).

Changes in Skin Proteins After Thermic
Burns, by V. V. Oppel', (pp 172-178).

Acetone Bodies in the Myocardium of Rab-
bits During Aortic Stenosis, by
M. F. Vyalikh, N. G. Lutsenko, (pp 186-190).

The Detection and Isolation From the
Blood Serum of a Glycoprotein Which De-
creases the Coronary Outflow, by
A. A. Dubinskiy, (pp 197-200).

Plastic Filling of a Dura Mater Defect by a
Polyvinyl Lamella, by V. I. Salalykin,
(SF-1893).

RUSSIAN, per, Voprosy Neyrokhirurg, Vol XXV,
No 2, 1960, pp 50-53.

*JPRS

Radiation and Chemical Reconnaissance, by
S. Dolodnov, (NY-6556).

RUSSIAN, per, Voyenny Vest, No 5, 1961,
pp 50-53.

*JPRS

The Second Conference on the Problem of
Gerontology and Geriatrics, by O. S. Glozman,
A. I. Zikheva, (SF-1901).

RUSSIAN, per, Zdravookhraneniye Kazakstana,
Vol XXI, No 2, 1961, pp 21-25.

*JPRS

The Problem of Central Regulation of the
Functions of the Vegetative Nervous System
and the Blood System, by A. P. Kasatkina,
Ye. L. Fal'kova, (SF-1901).

RUSSIAN, per, Zdravookhraneniye Kazakstana,
Vol XXI, No 2, 1961, pp 76-80.

*JPRS

Scientific
Medicine (Contd)

The Appeal of the All-Union Conference
of the Active of Public Health Workers to
All Medical Workers of the Soviet Union,
(SF-1904).

RUSSIAN, per, Zdravookhraneniye Tadzhikistana,
No 1, 1961, pp 3-10.

*JPRS

Our Progress, Shortcomings and Requirements:
Speech of the Minister of Health of Tadzhik
SSR, Ya. A. Rakhimov at the All Union Con-
ference of the Active of Health Workers, 1.
(SF-1904).

RUSSIAN, per, Zdravookhraneniye Tadzhikistana,
No 1, 1961, pp 11-14.

*JPRS

On the Results of the Work of the All-Union
Conference on the Problem of the Organization
of Oncological Aid, by A. I. Paches, (SF-1904).
RUSSIAN, per, Zdravookhraneniye Tadzhikistana,
No 1, 1961, pp 57-59.

*JPRS

Concerning Fluorescent Microscopes, by
Ye. M. Brumberg, (NY-6528).
RUSSIAN, per, Zhur Obsch Biol, Vol XVI,
No 3, 1955, pp 222-237.

*JPRS

Effect of Radial Accelerations on Motor Con-
ditioned Reflexes, by V. V. Usachev, (NY-6347).
RUSSIAN, per, Zhur Vysshey Nervnoy Deyatel'-
nosti imeni I. P. Pavlov, Vol XI, No 1, 1961,
pp 22-28.

*JPRS

Effect of Small Doses of Roentgen Rays on
Extinguishing Inhibition in Rabbits, by
I. V. Malyukova, (NY-6347).
RUSSIAN, per, Zhur Vysshey Nervnoy Deyatel'-
nosti imeni I. P. Pavlov, Vol XI, No 1, 1961,
pp 165-168.

*JPRS

Scientific
Medicine (Contd)

The Problem of Purifying Water to Supply
the City of Sofia, by Rad Pavlov,
Al. Bakalov, 9 pp.
BULGARIAN, per, Khidrotekhnika i Melioratsii,
Vol V, No 6, 1960, pp 165-168.

JPRS 8160

Materials on the Epidemiology and Etiology
of Q Fever, by L. Shindarov, 6 pp.
BULGARIAN, per, Khigiena, No 6, Nov/Dec 1960,
pp 30-35.

JPRS 8403

The Epidemiology of Marseilles Fever in the
Former Stara Zagora Okrug, by T. Todorov,
4 pp.
BULGARIAN, per, Khigiena, No 6, Nov/Dec 1960,
pp 35-37.

JPRS 8403

Selected Articles From the Chinese
Periodical Chung-hua Nei-k'o Tsa-chih,
Vol VIII, No 2, 1960.

JPRS 9355

China's Preliminary Achievements in the
Study of Hypertension in Recent Years,
by K'uang An-k'un, Chang Po-no, Chao
Kuang-sheng, et al, 39 pp, (pp 100-108).

Preliminary Observations on Indigenous
Rauwolfia Verticillata Alkaloid in
Treatment of Hypertensive Disease, by
Liu Teh-jun, Ch'en Tsai-chia, Wu Ning,
et al, 36 pp, (pp 108-115).

Preliminary Report on Siegesbeckia (ST.
Paulswort) Preparation in the Treatment
of 67 Cases of Hypertension, by Hsu Wen,
8 pp, (pp 115-117).

Preliminary Report on Berberine and Berberine-
Rauwolfia Compound in the Treatment of Hy-
pertension, by Ch'en Chi-lieh, 15 pp,
(pp 117-119).

Survey of Navicular Nails in Chiang-tzu
Area, Tibet and Preliminary Report on
Treatment, by Lai Yao-fu, 15 pp, (pp 119-122).

Scientific
Medicine (Contd)

Selected Articles From the Chinese
Periodical Chung-hua Nei-k'o Tsa-chih,
Vol VIII, No 2, 1960. (Contd)

JPRS 9355

Preliminary Report on the Agar Double-Diffusion Test--A Technique for Serodiagnosis of Pulmonary Tuberculosis, by Mao Pao-ling, Chang Pang-hsueh, Tsao Wen-fei, et al, 23 pp, (pp 124-128).

Isolation and Determination of Influenza Virus in Shanghai in 1958-1959, by Chin Wen-t'ao, T'ang Kuan-t'ien, 10 pp, (pp 128-130).

Studies on Early and Rapid Diagnosis of Influenza, by Hsu Chen-wu, Chang Hung-tse, Chang Chun-hao, 16 pp, (pp 131-133, 196b).

Severe Cardiac Arrhythmia Due to Tartar Emetic Intoxication, by Huang Ming-hsin, Chiang Shao-chi, Yu Kuo-jui, et al, 11 pp, (pp 133-135).

Toxic Reaction to Antimonials--Morgagni-Adams-Stokes Syndrome, Studies on Its Mechanism and Management, by Liu Hsien, Cheng Chia-shun, Li Teh-hsing, et al, 22 pp, (pp 135-140, 196a).

Large Dosages of Atropine Used in Combination With Salts of Barbitol in Treatment of Cardiac Arrhythmia Due to Antimony Intoxication (Report of Five Cases), by T'ang Sheng-ts'ai, Li Hsun-ke, Ch'en Jih-hsin, et al, 14 pp, (pp 140-142).

Adams-Stokes Syndrome Caused by Paroxysmal Ventricular Fibrillation: Report on Two Cases Observed During Quinidine Treatment and Observations on the Therapeutic Effect of Atropine, by Hsu Pao-yuan, Ni Chi-ts'ang, 28 pp, (pp 142-146, 195).

Cardiac Insufficiency in Mountain Sickness (Clinical Analysis of 30 Cases), by Sun Hsin-fu, 20 pp, (pp 153-156).

Scientific
Medicine (Contd)

Selected Articles From the Chinese
Periodical Chung-hua Nei-k'o Tsa-chih,
Vol VIII, No 2, 1960. (Contd).

JPRS 9355

Clinical Observations on Strophanthin K
in Treatment of 100 Cases of Congestive
Heart Failure, by Pai Jung-sen, Chiang
Nai-chung, Yang Fu-chun, et al, 22 pp,
(pp 156-160).

Observations of Efficacy of Strophanthin
G in Treatment of Congestive Heart Failure
(Report of Six Cases), by Wang Shih-ch'ang,
16 pp, (pp 160-162).

Clinical Analysis of 175 Cases of Rheumatic
Heart Diseases, by Hu Cheng-lieh, 17 pp,
(pp 163-166).

Studies on the Clinical Application of
Artificial Pneumopericardium, by Juan
Ching-shun, 29 pp, (pp 166-169, 198).

Review of Reactions to Penicillin Observed
in China During Past Fifteen Years, by
Wei Kang-chih, 21 pp, (pp 174-178).

Report on the All-China Symposium on
Oncology, 8 pp, (pp 178, 180).

On Infectious Hepatitis Becoming Chronic
and Distant Prognosis, by Chang Yu, 7 pp,
(pp 179, 180).

Rheumatic Heart Disease Complicated by
Aphonia, by Wu T'ien-i, 6 pp, (p 181).

Leukemic Pericarditis: Three Cases, by
Wang Jen-ch'ing, She Chieh-yu, Yen Ping-chih,
19 pp, (pp 182-185).

A Case of Pericarditis With Cholesterol in
Effusion, by Juan Ching-shun, 8 pp,
(pp 185, 186).

Scientific
Medicine (Contd)

Selected Articles From the Chinese
Periodical Chung-hua Nei-k'o Tsa-chih,
Vol VIII, No 2, 1960, (Contd).

JPRS 9355

A Fatal Case of Chronic Cholecystitis
and Gall-Stones Complicating Myocardial
Infarction, by Wang Cho-lin, Chang Mu-
chien, 12 pp, (pp 187, 188).

A Case of Acute Renal Insufficiency and
Uremic Pericarditis Caused by Acute Gastro-
enteritis Dehydration Complicating Peri-
pheral Circulatory Failure, by
Chang Chun-fang, Ts'ao Hsueh-li,
Kao Kuo-tung, 6 pp, (p 188).

A Case of Mumps Complicating Atrioventri-
cular Block, by Wang Li-hsing, 5 pp,
(p 190).

A Case of Mumps Complicating Presternal
Edema, by Ch'en Chih-ming, 5 pp,
(pp 190, 191).

All-China Scientific Conference on Cardio-
vascular Diseases, 5 pp, (pp 193, 194).

Physicians Unite Chinese and Western Medici-
nal Practices, by Hsu Yun-peí, 8 pp.
CHINESE, np, Jen-min Jih-pao, 10 Feb 1961,
p 7.

JPRS 8405

Contribution to the Treatment of Tabun Poison-
ing, by P. Stern, B. Boskovic, 8 pp.
CROATIAN, per, Vojnosanitetski Pregled, Vol XVII,
No 10, 1960, pp 1008-1011.

JPRS 4672

Blood Transfusion Service in Yugoslavia. by
Jerica Lah, 10 pp.
CROATIAN, per, Vojnosanitetski Pregled,
Vol XVII, No 10, 1960, pp 1035-1039.

JPRS 4669

Effects of NN'-trimethylenebis (4-hydroxyimino-
methylpyridinium Bromide) on the Activity of
Skeletal Muscle, by M. Milosevic, M. Terzic,
B. Vasic, 4 pp.
CROATIAN, per, Vojnosanitetski Pregled,
Vol XVII, No 11, 1960, pp 1143-1146.

ACSI H-9146
ID 2166455

Scientific
Medicine (Contd)

Occupational Infection by Brucella Abortus
in Czechoslovakia, by F. Niznansky,
M. Nosal, J. Velvart, 12 pp.
CZECH, per, Bratislavske Lekarske Listy,
No 13, 15 Aug 1960, pp 156-160.

JPRS 9258

Classification of the Neurological Changes
in Vibration Sickness, by Vlada Styblova,
9 pp.
CZECH, per, Ceskoslovenska Neurologie,
Vol XXIV, No 1, 1961, pp 62-69.

JPRS 8401

Plans for Long-Range Development of Czechoslovak
Pharmaceutical Services, by S. Marek,
9 pp.
CZECH, per, Farmaceuticky Obzor, Vol XXX,
No 2, 1961, pp 58-64.

JPRS 4689

A. Search for New Antibiotics, by
Vladimir Betina, 6 pp.
CZECH, per, Nasa Veda, Nov 1960, No 11,
pp 658-664.

ACSI H-9194-A
ID 2166460

B. The Fight Against the Smallest Enemies
of Mankind, by M. Kohutova, 3 pp.
CZECH, per, Nasa Veda, Nov 1960, No 11,
pp 665-667.

ACSI H-9194-B
ID 2166460

Biological Warfare, by Pochet, 16 pp.
FRENCH, bk, Cours de Medecine d'Armee
Relatif a la Toxicologie des Gas de Combat
et des Agent de la Guerre Biologique, 1959,
pp 115-134.

JPRS 9475

Introduction to the Study of Cortical Audi-
tory Disorders, by R. Maspétiol, D. Semette,
C. Mathieu.
FRENCH, per, Annales d'Oto-Laryngologie,
Vol LXXVII, No 4/5, 1960, pp 286-295.

Commonwealth
Acoustic Lab

Knock-Knees, by Karl Bregard.
GERMAN, bk, Genu Valgum, (Journal for
Orthopedic Surgery), Vol LVII, 1932, pp 1-19,
47-65, 70-124, 192-199. 9662365.

ATTC MCL 629/1

Scientific
Medicine (Contd)

Analysis of Radioisotopes in Urine, by
K. G. Schulte, G. Henke.
GERMAN, per, Deutsche Apotheker-Zeitung,
Vol C, No 25, 1960, pp 700-706.

*AERE, Harwell

The Comparison of Traffic Noise and the
Hearing Loss Caused by It, by M. Lukacs.
GERMAN, per, Larmbekämpfung, Vol II, No 4,
1958, pp 49, 50, 55.

Commonwealth
Acoustic Lab

Czechoslovak Report on Experiments on the
Cause of Lung Cancer, by M. Mestitzova,
P. Kossey, 15 pp.
GERMAN, per, Neoplasma, Vol VIII, No 1, 1961,
pp 27-38.

JPRS 4621

Reactions of Retinal Neurons After Light
Flashes II. Double Flashes With Changing
Flash Interval, by O. J. Bruesser, H. Kapp.
GERMAN, per, Pflugers Archives, Vol CCLXVI,
1958, pp 111-129, 9661805.

ATIC MCL 103/V

Ultrasonic Cardiogram in Mitral Stenosis,
by R. Gassler, H. Samlert.
GERMAN, per, Z fuer Kreislaufforschung,
Vol XLVII, No 7/8, 1958, pp 291-297.

Commonwealth
Acoustic Lab

The Optimum Time for Treating Radiation
Injury Wounds, by Endre Kotai, Eva Csanyi,
5 pp.
HUNGARIAN, per, Honvedorvos, Vol XIII, No 1,
1961, pp 80-84.

JPRS 4680

The Status of Psychology in Hungary, by
Pal Gegesi Kiss, L. Matrai, et al, 78 pp.
HUNGARIAN, per, Magyar Pszichologiai Szemle,
Vol XVII, No 3, 1960, pp 257-317.

JPRS 8173

Tests for the Indirect Investigation of
Residual Hearing, by G. Germans.
ITALIAN, per, Rivista di Audiologia Pratica,
Vol IX, No 7/9, 1959, pp 115-130.

Commonwealth
Acoustic Lab

Healing Aerosols and Recognition of Disease
of Respiratory Organs, by Wacław Drożdż,
Zygmunt Ajewski.
POLISH.

*ACSI H-9491
ID 2170483

Scientific
Medicine (Contd)

- Report on Pharmacy in Poland, by
Jadwiga Nowicka, (NY-6527).
POLISH, per, Farmacja Polska, Vol XVII,
No 8, 25 Apr 1961, pp 159-163. *JPRS
- Polish Tests for Brucellosis. Importance
of Correct Interpretation of Seriological
Results in Combatting Brucellosis of Cat-
tle, by Jerzy Wisniowski, 20 pp.
POLISH, per, Medycyna Weterynaryjna, Vol XVII,
No 2, 1961, pp 65-70. JPRS 9391
- Vaccine Against ND (Strian F) Contaminated
With Virulent Strin, by Kazimierz Marek,
(DC-6056).
POLISH, per, Medycyna Weterynaryjna, Vol XVII,
No 3, 1961, pp 136-140. *JPRS
- Cybernetic Outline of Granulocytic Reactions,
by Tadeusz Bogdanik, Julian Perkal, 19 pp.
POLISH, per, Polski Tygodnik Lekarski, Vol XVI,
No 3, 1961, pp 87-94. JPRS 8321
- Pharmacological Treatment in Psychiatry, by
Helena Siuchninska, Mirosława Napieralska,
(DC-6057).
POLISH, per, Polski Tygodnik Lekarski,
Vol XVI, No 14, 3 Apr 1961, pp 517-522. *JPRS
- Use of Aerosols in Diagnosis and Treatment
of Respiratory System Diseases, by
Waclaw Droszcz, Zygmunt Ajewski, (DC-6054).
POLISH, per, Polski Tygodnik Lekarski,
Vol XVI, No 15, 10 Apr 1961, pp 566-569. *JPRS
- The Use of Cybernetics in Anesthesiology,
by Janusz Garwacki, (DC-6053).
POLISH, per, Polski Tygodnik Lekarski,
Vol XVI, No 16, 17 Apr 1961, pp 592-595. *JPRS
- New Soviet Achievements in Pharmacotherapy,
by E. Puscaru, (NY-6503).
RUMANIAN, per, Farmacia, Vol IX, No 4, 1961,
pp 195-202. *JPRS

Scientific
Medicine (Contd)

Interregional Conference on Health Problems in the Rumanian Chemical Industry, by C. Raucher, 4 pp.
RUMANIAN, per, Igiena, Vol X, No 1, 1961, pp 89-91.

JPRS 4679

Industrial Hygiene Aspects of Tri- and Perchloroethylene, by Etienne Grandjean, 30 pp.
RUMANIAN, per, Ind Organisation, Vol XXVIII, No 7, 1959.

AEC Tr-4525

Soviet Bloc Medical Conference on Work Capacity, 18 pp.
RUMANIAN, per, Muncitorul Sanitar, Vol II, No 12 (564), 25 Mar 1961, pp 2-4.

JPRS 8362

A Contribution to the Knowledge of Leptospirosis in Horses, by D. Dzoljic, R. Anic, (DC-6139).
SERBIAN, per, Acta Veterinaria, Vol X, No 3, 1960, pp 123-127.

*JPRS

A Contribution to the Study of the Seriological Diagnosis in Brucellosis in Swine, by P. Trumic, G. Majstorovic, Dj. Panjevic, (DC-6139).
SERBIAN, per, Acta Veterinaria, Vol X, No 4, 1960, pp 73-79.

*JPRS

The Specificity of the Complement Fixing Reaction in the Diagnosis of Brucellosis Through the Use of Antigens Extracted With Chloroform, by B. Trbic, (DC-6139).
SERBIAN, per, Acta Veterinaria, Vol X, No 4, 1960, pp 103-109.

*JPRS

Spreading of Brucellosis in Cattle on Large Farms in Vojvodina and Planned Measures for Its Control (1956-1959), by P. Markovic, L. Ciric, M. Petrovic, 4 pp.
SERBO-CROATIAN, per, Veterinarski Glasnik, Vol XIV, No 5, 1960, pp 323-326.

JPRS 8386

Use of Vaccines in Protection of Animals Against Helmintoses, by S. Sibalic, 4 pp.
SERBO-CROATIAN, per, Veterinarski Glasnik, Vol XV, No 1, 1961, pp 71-73.

JPRS 8387

Scientific
Medicine (Contd)

Selected Articles From the Ukrainian
Periodical Ukrain Biokhim Zhur,
Vol XXXIII, No 2, 1961, (NY-6538).

*JPRS

The Effect of Ultrasonic Vibrations
of Low Intensities on Tissue Respiration
and Glycolysis in the Brain Tissue of
White Rats, by N. F. Svadkovskaya,
(pp 187-194).

The Blood Content of Free Fatty Acids
During Radiation Sickness, by N. A.
Nekovaleva, (pp 195-199).

The Effect of Ionizing Radiation on
Phospholipid Metabolism, of the Brain,
by O. A. Smirnova, (pp 208-213).

The Effect of Whole-Body X-Ray Irradia-
tion on Protein and Water Metabolism of
the Brain, by O. N. Barmina, (pp 215-219).

Carbohydrate Metabolism in the Nervous
System, by B. I. Khaykina, (pp 272-297).

Scientific
Minerals/Metals

Welding of EI 712 Steel (12KH2NVFA),
by F. Ye. Tretyakov, Ye. Yu. Freyilina.
RUSSIAN, source unknown, Nov 1960.
9661804.

ATIC MCL 708/4

Handbook for Identification of Uranium
Minerals, by R. V. Getzeva,
K. T. Savilyova, 344 pp.
RUSSIAN, rpt, 1956.

AEC NP Tr-537

Scientific Achievements and Advanced
Experience in Cutting Metals,
by G. I. Granovskiy.
RUSSIAN, bk, Dostizheniya Nauki i
Tekhniki i Peredovoy Opyt v Promysh-
lennosti i Stroitel'stve. Vyp 4:
Tekhnologiya Mashinostroyeniya (Obrabotka
Metallov Rezaniyem), 1959, pp 3-71.
9661862

ATIC MCL 465/1

Electroplating With Alloys,
by P. M. Vyacheslavov.
RUSSIAN, bk, Gal'vanicheskiye Pokrytiya
Splavami, Chapter III, 1959, pp 26-30.
9662368.

ATIC MCL 464/1

Study of the Structure of Metals by the
Method of Radioactive Isotopes,
by S. Z. Bokshteyn, S. T. Kishkin,
L. M. Moroz.
RUSSIAN, bk, Issledovaniye Stroyeniya
Metallov Radioaktivnykh Izotopov,
1959, pp 95-193. 9661795.

ATIC MCL 736/1

Electrical and Chemical-Mechanical Methods
of Treating Metals, by L. Ya. Popilov.
RUSSIAN, bk, Manual of a Technologist
Machinery Constructor, Vol I, Chapter 7,
1958, pp 424-430.

*ATIC MCL-1246/1

Calculating the Demand for Nonferrous
Metals, by G. I. Grebtsov, P. P. Karpov,
19 pp.
RUSSIAN, bk Material'nyye Balansy v
Narodnokhozyaystvennom Plane, 1960,
pp 56-66.

JPRS 9290

Scientific
Minerals/Metals (Contd)

Heat Resistance of Metals Under Vacuum,
by E. N. Murmer.

RUSSIAN, bk, Materialy Vakuunnykh Elektro-
pechey, 1959, pp 9-17. 9661820.

ATIC MCL 723/1

The Effect of Separate Alloying Elements on
the Heat Resistance of Metals, by
P. B. Mikhailov-Mikheyev.

RUSSIAN, bk, Metall Gazovyykh Turbin,
1958, pp 135-176.

ATIC MCL 481/1

Continuous Casting of Steel,
by M. S. Boychenko, 218 pp.

RUSSIAN, bk, Neprer'yvnaya Razlivka
Stal, 1957, 211 pp.

Butterworths
London

The Determination of Stresses During
the Forming of Metals by Pressure,
by I. Ya. Tarnovskiy, et al.

RUSSIAN, bk, Obrabotka Metallov
Davleniem, No 3, Metallurgizdat,
1954, pp 5-22.

BISI 1876

Soldering of Metals, by N. F. Lashko,
S. V. Lashko-Avakyan.

RUSSIAN, bk, Payka Metallov, 1959,
pp 344-357, 381-393, 421-424. 9661837.

ATIC MCL 430/1

Selected Articles From the Russian Periodical
Problemy Metal i Fiz Metal, 1959. 9662355.

ATIC MCL 457/1

The Action of Ultrasonic Vibrations
on the Crystallization of Ingots,
by V. I. Idont'yev, (pp 100-116.)

The Effect of Elastic Vibrations on
Structure During Crystallization,
and on Mechanical Properties and
Deformability of Steels X27 and
X25H20, by Ya. B. Gurevich,
V. I. Leont'yev, I. I. Teumin,
(pp 117-136.)

On the Question of the Effect of Vacuum
Smelting and Casting on the Properties
of Metals and Quality of Ingots, by
A. V. Enyashev, A. M. Zubko, V. E. Neimark,
(pp 169-186)

On the Effect of Inert Gas Pressure in the
Furnace on the Content of Gases in Metal,
by A. N. Zelevnov, D. S. Kamenetskaya,
(pp 187-190.)

Scientific
Minerals/Metals (Contd)

Rubidium and Cesium [Extracting From Raw Materials] by Fanya Moiseyevna Perel'man.

RUSSIAN, bk, Rubidiy i Tseziy, 2nd Ed Rev and Enl, 1960, pp 1-33, 116-129, 137.

*ATIC MCL-1225/1

Selected Articles From the Russian Book Soveschaniye Po Eksperimental'noy Tekhnike I Metodam Vysokotemperaturnykh Issledovaniy, 1956, 1959. 9661809.

ATIC MCL 461/1

Rate of Diffusion of Hydrogen in Steels at High Temperatures, by R. A. Ryabov, P. V. Gel'd, (pp 147-156.)

On the Phase Diagram of the "Chromium Niobium" System, by V. N. Yeremenko, G. V. Zudilova, L. A. Gayevskaya, (pp 224-236.)

Arc Fusing of Molybdenum in a Vacuum, by A. S. Stroyev, Ye. S. Ovsepyan, A. M. Ivanov, (pp 470-477.)

Thermocouple for Short-Duration Temperature Measurements Reaching 2,300°, by N. I. Svede-Shvets, M. V. Pridamtsev, (pp 619-635.)

Thermophysical Properties of Materials, by V. S. Chirkin.
RUSSIAN, bk, Teolofizicheskiye Svoystva Materialov, Spravochnoye Rukovodstvo, 1959, pp 6-10, 172-248, 248-346. 9661796.

ATIC MCL 705/1

Hardness of Steels and Hard Alloys at Elevated Temperatures, by A. I. Betaneli.
RUSSIAN, bk, Tverdost' Staley i Tverdykh Splavov Pri Povyshennykh Temperaturakh, 1958.

ATIC MCL 648/v

Hydrogen and Flakes in Steel (Selected Part), by D. Ya. Povolotskiy, A. N. Morozov.
RUSSIAN, bk, Vodorod i Flokeny v Stali, 1959, pp 5-16. 9661825.

ATIC MCL 673/1

Wear Resistance of Steel to Abrasive Wear, by D. I. Lazarenko.
RUSSIAN, bk, Wear of Steels, Moscow, 1959, pp 103-117, 212-218.

AEI T/1637

Scientific
Minerals/Metals (Contd)

The Problem of the Nature of Crystalline Cracks During the Welding of Austenitic Steels and Alloys, by B. I. Medovar. RUSSIAN, per, Avtomaticheskaya Svarka, No 8 (77), 1959, pp 57-66. 9661832.

ATIC MCL-478/1

Melting Points of Lithium and Sodium Under Pressures Up to 30,000 kg per Sq cm, by Ye. G. Ponyatovskiy. RUSSIAN, per, Fiz Metallov i Metallovedeniye, Vol XI, No 3, 1961, pp 476-477.

*ATIC MCL-1211/1

Enthalpy and Heat Capacity of Molybdenum in the 1,200-2,500 K Range, by L. S. Lazareva, P. B. Kantor, V. V. Kandyba. RUSSIAN, per, Fiz Metallov i Metallovedeniye, Vol XI, No 4, 1961, pp 628, 629.

*ATIC MCL-1243/1

Processing Ferroquartzites at the Mikhaylovskoye Deposit of the Kursk Magnetic Anomaly, by V. V. Rzhavskiy, 8 pp. RUSSIAN, per, Gornyy Zhur, No 1, 1961, pp 18-22.

JFRS 9299

Possibilities for Open Pit Mining of the Rich Ores and Ferroquartzites of the Kursk Magnetic Anomaly, by N. V. Mel'nikov, B. A. Simkin, Ye. M. Pakhomov, 6 pp. RUSSIAN, per, Gornyy Zhur, No 1, 1961, pp 22-25.

JPRS 9317

Method of Determining The Tensile Strength of Metals, by G. V. Uzhik. RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, No 10, 1948, pp 1547-1560. 9662369

ATIC MCL 523/1

New Ways of Intensifying Metallurgical Processes, by I. P. Bardin. RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, Metal i Toplivo, No 6, 1959, pp 3-7.

BISI 2083

Structural Diagram and Certain Properties of Niobium-Molybdenum-Vanadium Alloys, by B. B. Baron, K. N. Ivanova, Ye. M. Savitskiy. RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, Metal i Toplivo, No 4, 1960, pp 143-149.

*ATIC MCL-1170/1

Scientific
Minerals/Metals (Contd)

Selected Articles From the Russian Periodical
Iz Vysshikh Ucheb Zaved, Chern Metal.

No 8, 1959, pp 75-86.

AEC Tr 4524

Criterion of Plasticity in the Pressure
Treatment of Metals, by M. A. Zaikov,
V. N. Peretyat'ko, 15 pp.

No 10, 1959, pp 89-98.

*BISI 2207

The Effect of the Manner of Introducing
Aluminum on the Quality of Furnace Steel,
by I. E. Brainin, N. V. Gubenko.

No 7, 1960, pp 129-134.

HB 4928

Combined Heat and Ultrasonic Treatment
of Cromansil Steel, by E. A. Al'ftan.

No 8, 1960, pp 38-47.

BISI 2136

A New Technology in the Melting of
Ball-Bearing Steel ShKh15 Using
White Foaming Slags, by N. M. Chuiko,
et al.

No 9, 1960, pp 157-159.

HB 5065

Study of Reversible [High-Temperature]
Temper Brittleness by the Micro Thermo-
Electromotive Force Method, by E. V. Pan-
chenko, E. M. Strug.

No 11, 1960, pp 61-65.

HB 5091

Study of Titanium-Alloyed Free-Cutting
Steels, by I. M. Pavlov, I. K. Suvorov,
Yu. E. Fomenko.

No 2, 1961.

Heat Capacity of (Iron Ore) Pellets
and Concentrates, (pp 5-9.)

*HB 5140

Scientific
Minerals/Metals (Contd)

Selected Articles From the Russian Periodical
Iz Vysshikh Ucheb Zaved, Chern Metal, (Contd)

No 2, 1961.

On the Hydrogen Problem in Alloy Steels
From the Arc Furnace, (pp 45-50.)

*HB 5149

Blending of Ores in Blast Furnace Stock
Yards and at Sinter Plants, (pp 191-196.)

*HB 5148

No 3, 1961, pp 11-15.

*HB 5165

Effect of Carbon and Silicon on Surface
Tension of Pig Iron, by K. I. Vashchenko,
A. P. Rudoy.

The Temperature Dependence of the Magnetization
of Pyrrhotite, by K. Belov, et al.
RUSSIAN, per, Kristall, Vol I, No 6, 1956,
pp 696-702.

CSIRO 5098

Selected Articles From the Russian
Periodical Lit Proiz.

No 12, 1959.

Casting Intricate Iron Components in
Multi-Sectional Chill Moulds, by
G. I. Gordon, (pp 7, 8.)

DSIR LLJ M.2345
(loan)

Nitrogen in High Manganese Steels,
by L. I. Levi, A. A. Zhukov,
(pp 24-27.)

DSIR LLJ M.2357
(loan)

The Effect of Titanium on the
Properties of Boron-Containing
Steels, by Ya. E. Goldshtein,
L. L. Pyatakova, (pp 28-31.)

DSIR LLJ M.2359
(loan)

Effect of Small Additions of Zirconium,
Titanium and Boron on the Structure
and Properties of Silicon Iron, by
V. M. Chursin, A. Ya. Zavgorodnii,
(pp 35-37.)

DSIR LLJ M.2362
(loan)

Scientific
Minerals/Metals (Contd)

Selected Articles From the Russian
Periodical Lit Proiz, (Contd).

No 1, 1960, pp 35, 36.

HB 5044

Segregation in Centrifugal Steel
Castings, by N. N. Reutov.

No 5, 1960, pp 42, 43.

BISI 2150

S. G. Iron for Mining Machine
Components, by L. P. Gorushkina, et al.

Forging and Pressing of Heat-Resistant
Alloys, by D. I. Berezhkovskiy.
RUSSIAN, per, Metal i Obra Metallov, No 8,
1957, pp 51-61. 9662372

ATIC MCL 547/1

Changes in Properties of Ni-Cr Alloy
El765 for Stationary and Propulsion Turbines
During Heating For Up to 10,000 Hours, by
V. Z. Tseitlin, G. G. Morozova.
RUSSIAN, per, Metal i Obra Metallov, No 1,
1958, pp 30-35.

HB 4121

Selected Articles From the Russian
Periodical Metal i Term Obra Metallov.

No 9, 1959.

Effect of Heat Treatment Conditions
on Creep Resistance of Boiler and
Turbine Steel 12KhMF, by I. N. Bogachev,
Kh.D. Reshetnyak, (pp 8-12.)

HB 4964

The Inhomogeneity of Martensite in
Cr-Mn-Si Steel 30KhGSA After Induction
Hardening, by Ya. I. Spektor, A. P. Gra-
cheva, (pp 12-17.)

HB 4965

The Effect of Sigma Phase on the
Mechanical Properties of Heat Re-
sisting Steels, by E. E. Levin,
E. M. Pivnik, P. M. Libman, (pp 17-19.)

HB 4966

Scientific
Minerals/Metals (Contd)

Selected Articles From the Russian Periodical
Metal i Term Obra Metallov, (Contd)

No 9, 1959.

Certain Anomalies of the Early Stage of
Plastic Deformation, by Ya. R. Rauzin,
(pp 23-29.) HB 4968

Recrystallization Behavior of Solid
Solutions of Metals, by L. P. Kurilekh,
(pp 35-38.) HB 4969

Strain-Hardening and Softening of Vanadium-
Alloyed Ferrite, by L. I. Mirkin, (pp 39-41.) HB 4970

Phase Changes in Iron Alloys, by S. A. Elise-
yev, B. G. Livshits, (pp 42-43.) HB 4971

The Change in Phase Composition of 18-8
Type Steels With Temperature and Plastic
Deformation, by A. N. Chukhleb, V. P. Mart-
ynov, (pp 44-46.) HB 4972

Formation of a Lamellar Graphite Eutectoid,
by R. P. Todorov, G. I. Koshovnik, (pp 47,48.) HB 4973

Effect of Chromium and Manganese on
Brittle Fracture of Low-Carbon Steel,
by V. G. Savitskiy, K. V. Popov,
V. F. Zakharov, G. M. Grigor'yeva,
(pp 49-51.) HB 4974

Effect of a Fine-Grained Surface Layer
on Low-Temperature Embrittlement of
Steel, by P. S. Sakharov, (pp 55-57.) HB 4976

Causes of Hydrogen Embrittlement of
Sheet Steel During Pickling, by
P. G. Kovtun, (pp 58, 59.) HB 4977

Determination of Optimum Heat Treatment
of Cast Thirteen Percent Mn Steel G13-L,
by Ya. K. Alekseyev, P. T. Khokhlov,
(pp 60-62.) HB 4978

Scientific
Minerals/Metals (Contd)

Selected Articles From the Russian Periodical
Metal i Term Obra Metallov, (Contd)

No 10, 1959.

Strain-Aging of Soft Structural Steels
During Static Extension, by F. Althoff,
D. Bohm, F. Erdmann-Jesnitzer, (pp 6-16.) HB 4980

Measurement of Elastic Stresses in Metals
by X-Rays, by E. Schiebold, H. Stroppe,
(pp 16-19.) HB 4981

Heat Treatment in Drawing of Titanium
Wire, by V. P. Severdenko, V. Z. Shilkin,
(pp 20-23.) HB 4982

Strength Increase of Titanium-Base
Alloys by Cold Working, by E. V. Petunina,
V. L. Poplavskaya, (pp 24-27.) HB 4983

Notch Sensitivity of Alpha-Alloys of
Titanium, by V. I. Chernetsov,
(pp 27-32.) HB 4984

Nature of the Manganese Phase of
Certain Magnesium Alloys, by M. E. Drits,
Z. A. Sviderskaya, L. L. Rokhlin,
(pp 33-37.) HB 4985

Solubility of Certain Transition Metals
in Aluminum, by V. M. Glazov, G. P. Lazarev,
G. A. Korol'kov, (pp 48-50.) HB 4989

Research on Transformations and Treatment
of Titanium and Titanium Alloys, by
A. A. Gol'denberg, (pp 51-60.) HB 4990

Effect of Copper on Carbon Absorption
in the Sintering of Iron-Copper [Powder]
Alloys, by V. K. Sorokin, (pp 61, 62.) HB 4991

No 2, 1961, pp 59-61 (SF-1880). *JPRS

All-Union Scientific-Technical Conference
on the Use of Induction Heating in the
Heat Treatment of Metals, by M. G. Lozinskiy.

Scientific
Minerals/Metals (Contd)

Basic Refractory Waste - a Valuable Raw Material, by M. N. Kaibicheva, et al.
RUSSIAN, per, Metallurg, Jan 1961,
pp 18-20.

*BISI 2223

Evaluating the Precision of Castings,
by Yu. A. Vorobyev.
RUSSIAN, per, Nauch Dok Vyss Shkoly,
Mash i Prib, No 3, 1958, pp 141-148.
9661836.

ATIC MCL 124/1

Elimination of Scrap Caused by Bright
Streaks in Medium-Carbon Steel,
by S. A. Telesov, et al.
RUSSIAN, per, Stal', No 2, 1955,
pp 136-142.

*BISI 2212

Welding Metals With an Electron Beam,
by V. V. Bashenko.
RUSSIAN, per, Svarochnoye Proiz,
No 1, 1961, pp 34-37.

*ATIC MCL-1171/1

The Influence of Nickel on the Impact-
Resistance of Austenitic Manganese Steel,
by V. T. Biryulin, V. D. Sadoyskiy.
RUSSIAN, per, Trudy Inst Fiz Metallov,
No 18, 1956, pp 66-71.

BISI 2018

On the Reduction of Ore-Coal Pellets,
by T. V. Gubin, L. M. Tsylev.
RUSSIAN, per, Trudy Inst Metal imeni
A. A. Baikov, No 3, 1958, pp 63-68.

HB 4924

Certain Important Fields of Utilizing
Compounds of Rare Earth Elements,
by G. V. Samsonov.
RUSSIAN, per, Tsvetnye Metally, No 2,
1959, pp 58-59. 9661861.

ATIC MCL 139/1

Obtainment of Niobium-Tantalum Alloys
by the Carburizing (Carbide) Method,
by O. P. Kolchin, N. P. Chuveleva.
RUSSIAN, per, Tsvetnye Metally, No 2,
1959, pp 60-64. 9661861.

ATIC MCL 139/1

Scientific
Minerals/Metals (Contd)

Continuous Casting of Nonferrous Metals
and Alloys Under Vibration, by G. F. Balandin,
Yu. P. Yakovlev.
RUSSIAN, per, Tsvetnyye Metally, Vol XIV,
No 1, 1961, pp 75-78.

HB 5169

Means of Improving the Thermoelectric
Properties of Zinc-Antimony Semiconductor
Alloy, by D. I. Layner, L. M. Golubtsova.
RUSSIAN, per, Tsvetnyye Metally, No 2,
1961, pp 69-74.

*ATIC MCL-1210/1

The Behavior of Rare Dispersed Elements
During the Processing of Copper Ores of
Central Kazakhstan, by K. B. Lebedev,
10 pp.
RUSSIAN, per, Vest Ak Nauk Kazakh SSR,
No 8, 1960, pp 58-63.

JPRS 9290

The Rare-Earth Metals and Prospects of
Their Industrial Use, by Ye. M. Savitskiy,
13 pp.
RUSSIAN, per, Vest Ak Nauk SSSR, No 6,
1960, pp 81-88.

JPRS 9175

Porosity in Ferrite Memory Cores,
by V. G. Glotov.
RUSSIAN, per, Vest Elektroprom,
No 1, 1961, pp 34-38.

*ATIC MCL-1234/1

Genetic Conditions of the Diamond
Mineral-Satellites in the Kimberlites
of Yakutia, by N. N. Sarsadskikh,
V. S. Kovsha, 18 pp.
RUSSIAN, per, Zapiski Vses Mineralog
Obshch, Vol LXXXIX, Series 2, No 4,
1960, pp 392-399.

JPRS 9329

A New Vanadium Mineral - Rusacovite,
by Ye. A. Ankinovich, 15 pp.
RUSSIAN, per, Zapiski Vses Mineralog
Obshch, Vol LXXXIX, Series 2, No 4,
1960, pp 440-447.

JPRS 9330

Certain Data on Diamonds Found in Form
of Polycrystalline Aggregates, by
Ya. M. Kravtsov, S. I. Futergendler, 7 pp.
RUSSIAN, per, Zapiski Vses Mineralog Obshch,
Vol LXXXIX, Series 2, No 4, 1960, pp 464-466.

JPRS 9331

Scientific
Minerals/Metals (Contd)

Calculating the Tendency of Steel to
Brittleness Under Conditions of Actual
Use, by Ye. M. Shevandin.

RUSSIAN, per, Zavod Lab, Vol XXIII,
No 8, 1957, pp 949-953. 9662373.

ATIC MCL 528/1

Using the Photometric Method for Studying
Steel Fractures, by Z. N. Krasil'shchikov,
Ye. N. Shvach.

RUSSIAN, per, Zavod Lab, Vol XXIII, No 8,
1957, pp 959-961. 9662373

ATIC MCL 528/1

Electrochemical Behavior of Iron in Hot
Concentrated Alkali Solutions. Part I,
by V. V. Losev, B. N. Kabanov.

RUSSIAN, per, Zhur Fiz Khim, Vol XXVIII,
No 5, 1954, pp 824-836.

NRL Tr No 848

Determination of the Hydrogen Diffusion
Rate Through 1X18H9T Steel at High
Temperatures and Pressures, by Yu. I. Archakov,
et al.

RUSSIAN, per, Zhur Prik Khim, Vol XXXIV,
No 4, 1961, pp 821-826.

*ATIC MCL 1183/1

Precipitation of Some Iron-Nickel-Aluminum
Alloys Observed by the Method of Magnetic
Analysis, by Wang Huan-yuan, Chang Shou-
kung, P'an Hsiao-shih, 29 pp.

CHINESE, per, Wu-li Hsueh-pao, Vol XVI,
No 4, 1960, pp 214-228.

JPRS 7694

Low-Temperature Ageing of Iron and Low-
Carbon Steel, by I. Hrivnak.

CZECH, paper.

MT 174

Selected Articles From the Czech
Periodical Hutnicke Listy.

Vol XII, No 7, 1957, pp 617, 618.

BISI 2081

Remarks on Optimum Heating and Cooling
Rates During Sintering of Hard Alloys
of the WC-TiC-(TaC)-Co System, by
M. Petrdlik, et al.

Scientific
Minerals/Metals (Contd)

Selected Articles From the Czech
Periodical Hutnicke Listy, (Contd).

Vol XV, No 6, 1960, pp 432-441.

MT 173

A Study of the Ferritic Grain
Boundaries in Iron and Low-Carbon
Steels, by I. Hrivnak.

Vol XV, No 9, 1960, pp 679-686.

BISI 2017

A New Method for the Analysis of
Carbides in Steels, by B. Brhacek,
et al.

Vol XV, No 11, 1960, pp 864-867.

MT 160

The Problem of the Precipitation of
Laves Phases in Modified Twelve Percent
Chromium Steels, by J. Koutsky, J. Jezek.

Vol XVI, No 2, 1961.

The Effect of the Quality of the Ceramic
Casting Runners on the Cleanliness of
Steel for Railway Tires. Part II of a
Study of the Origin of Non-Metallic
Inclusions in Steel by Means of the
Radioactive Isotope Ca^{45} , by T. Myslivec,
J. Cadek, M. Mandl, J. Vrsek, M. Lubovsky,
(pp 94-102.)

*MT 178

The Effect of Heat Treatment on the
Mechanical Properties of Thirteen Per-
cent Chromium Steels, by S. Drapal,
(pp 120-128.)

*MT 179

Some Remarks on the Brittleness of AK 1
Steel (Thirteen Percent Cr), by
J. Teindl, (pp 129-135.)

*MT 180

The Recovery of Chromium From Slags Obtained
When Melting Stainless Steel Scrap in the Arc
Furnace Using Oxygen, by J. Chovjka.
CZECH, per, Hutnik, Vol X, No 1, Prague,
1960, pp 2-5.

BISI 2063

Scientific
Minerals/Metals (Contd)

Liquid Metal Research in the Institute of Nuclear Research in 1956-58, by M. Pasek. CZECH, per, Jaderna Energie, Vol V, No 11, 1959, pp 373-377. 9661815.

ATIC MCL 719/1

Hydrogen in Steel and Its Effects, by P. Bastien. FRENCH, per, ATB Metallurgie, Vol I, No 5, 1958, pp 127-138.

*BISI 2186

Technical and Economic Interest of Ferrous Additions to the Coke Mix, by D. Sanna. FRENCH, per, Circ Inf Techn, Vol XVI, Dec 1959, pp 2583-2587.

*BISI 2215

Metallography - Study of the Self-Diffusion of Zirconium in the BDD β Phase Note, by Dimitri Volokoff, Serge May, Yves Adda, 4 pp. FRENCH, per, Comptes Rendus, Vol CCLI, 1960, pp 2341-2343.

AEC Tr 4534

Production of High Strength Cast Irons by Alloying With Nitrogen Introduced by Means of Calcium Cyanamide, by H. Volianik. FRENCH, per, Fonderie, No 175, Aug 1960, pp 307-324.

BCIRA 988

Studies of the Oxidation of Iron-Nickel Alloys at Elevated Temperatures, by J. Benard, J. Moreau. FRENCH, per, Revue de Metallurgie, Vol XLVII, No 4, 1950, pp 317-323.

ATS

The Problem of the Quality of Large Steel Forgings, by P. Bastien. FRENCH, per, Revue de Metallurgie, Vol LVII, Sep 1960, pp 815-826.

BISI 2067

The Determination of Oxygen in Liquid Thomas Steel. Techniques for Taking a Liquid Sample and Analysing for the Gas, by J. Marot, I. Harveng. FRENCH, per, Revue de Metallurgie, Vol LVII, Nov 1960, pp 991-997.

BISI 2106

Scientific
Minerals/Metals (Contd)

Structural Phenomena Related to the Hot
Rolling of Rimming Steel Sheet, by
V. Berruti, et al.

FRENCH, per, Revue de Metallurgie,
Vol LVII, Nov 1960, pp 1019-1031.

BISI 2055

A New Method for the Determination of
Metallic, Bivalent and Trivalent Iron-
Bearing Materials, by N. Stoll, A. Wagner.
FRENCH, per, Revue Universelle des Mines,
No 10, 1960, pp 436-443.

BISI 2098

Investigations on the Strength of Glued
Light Metal Joints, by P. Brenner,
A. Matting.

GERMAN, per, Aluminium, Vol XXX, No 1,
1954, pp 3-9.

CSIRO

The Metallurgy of the Basic-Pessemmer
Process, by W. Oelsen, H. Maetz.

GERMAN, per, Archiv Eisenhüttenwesen,
Vol XIX, 1948, pp 111-117.

*BISI 2292

Studies of the Quench-Ageing of Mild
Steels From Various Methods of Produc-
tion, by M. Nacken, W. Heller.

GERMAN, per, Archiv Eisenhüttenwesen,
Vol XXXI, Jan 1960, pp 39-46.

BISI 2053

Study of the Strain-Ageing of Mild
Steel and of High-Purity Iron by
Age-Hardening and Reversion Tests,
by M. Nacken, W. Heller.

GERMAN, per, Archiv Eisenhüttenwesen,
Vol XXXI, Feb 1960, pp 103-111.

BISI 2054

Inhibition of Strain Aging of Unalloyed
Low Carbon Structural Steels by Phosphorus,
by F. Erdmann-Jesnitzer, et al.

GERMAN, per, Bergakademie, Vol XII,
Oct 1960, pp 559-567.

*BISI 2165

Behaviour of Heat Resistant Steels
at High Temperatures and After Long
Periods of Stress, by W. Stauffer,
A. Keller.

GERMAN, per, Escher Wyss Mitteilungen,
No 2, 1957, pp 3-18.

*BISI 2226

Scientific
Minerals/Metals (Contd)

Alloys of the Platinum Metals With
Tungsten, by Ernst Raub, Paul Walter,
24 pp.
GERMAN, per, Heraeus Festschrift, 1951,
pp 124-146.

AEC Tr 4418

On the Attenuation of Ultrasound in
Austenitic Cr-Ni Steels, by P. Midecke.
GERMAN, per, Materialprufung, Vol III,
No 1, 1961, pp 1-4.

HB 5115

The Influence of Deformation of the Effect
of the Chemical Polishing of Austenitic
Chromium-Nickel Steels, by A. V. Krusenstjern.
GERMAN, per, Metalloberflache, Vol IX, No 10,
1955, Part B, pp 148B-151B.

PULLEN

Some Properties of Titanium-Carbide-Coated
Steel, by H. Wiegand, W. Ruppert.
GERMAN, per, Metalloberflache, Vol XIV,
No 8, 1960, pp 229-235.

HB 5155

On Grain-Refinement of Continuously-Cast
Material by Stirring of Melt, by K. E. Mann,
E. Riepert.
GERMAN, per, Metallwissenschaft und
Technik, Vol X, No 5/6, 1956, pp 195-.

PULLEN

Production, Properties and Use of Semi-
Killed Steel, by K. Fellcht, H. J. Eckstein.
GERMAN, per, Neue Hutte, Vol V, Oct 1960,
pp 590-596.

*BISI 2274

The Evaluation of Testing Methods for
Non-Metallic Inclusions in Carbon Steel -
Ck 22, by H. J. Eckstein, K. Schneider.
GERMAN, per, Neue Hutte, Vol V, Oct 1960,
pp 607-617.

BISI 2057

Service Performance and Uses for Hot
Strength Twelve Percent Chromium
Steel, by G. Kruger.
GERMAN, per, Neue Hutte, Vol VI, No 3,
1961, pp 131-137.

*HB 5143

Scientific
Minerals/Metals (Contd)

Titanium-Base Materials for High-Temperature Service, by C. Agte, G. Blum.
GERMAN, per, Neue Hutte, Vol VI, No 3, 1961, pp 139-146.

*HB 5144

Deoxidation Problems in Modern Steel-making, by E. Plockinger.
GERMAN, per, Radex Rundschau, Jan 1961, pp 485-491.

BISI 2164

The Effect of Return Sinter During Down-Draft Sintering of Iron Ores, by H. Rausch, F. Cappel.
GERMAN, per, Stahl und Eisen, Vol LXXXI, 19 Jan 1961, pp 96-102.

BISI 2090

The Structure of Galvanic Alloy Deposits. IV. Silver - Cadmium Alloys, by Ernst Raub, Bernhard Wulhorst, 34 pp.
GERMAN, per, Z Metallkunde, Vol XXXVIII, 1947, pp 33-41.

AEC Tr-4521

White-Heart Cast Iron: Some Physical and Metallurgical Factors, by D. Magri.
ITALIAN, per, La Fonderia Italiana, Vol IX, No 5, 1960, pp 219-230.

PULLEN

Grain Growth Produced by Slight Deformation of Rimming Steel Sheet. Its Effect on Magnetic Properties, by V. Berruti, B. Sommacal.
ITALIAN, per, La Metallurgia Italiana, Vol LI, Apr 1959, pp 129-138.

BISI 2052

The Possibility of Producing a Metallurgical Bond Between Stainless Steel and Zircaloy-2, by A. Bassi, E. Brutto, et al.
ITALIAN, per, La Metallurgia Italiana, Vol LI, No 11, 1959, pp 509-514.

ATS 68441

Mechanical Behaviour of Steels at High Temperatures, by A. Galbiati.
ITALIAN, per, Rassegna Tecnica SIAI, No 3, 1957.

PULLEN

Study of Self-Fluxing Sinter, by A. Ishimitsu, et al.
JAPANESE, per, Tetsu to Hagane, Vol XLVI, No 2, 1960, pp 123-129.

HB 5058

Scientific
Minerals/Metals (Contd)

Creep Properties of 18-8 Cb Stainless
Steel, by Shoji Terai.
JAPANESE, per, Tetsu to Hagane, Vol XLVI,
No 3, 1960, pp 379-381.

HB 5120

Ultrasonic Metal Cleaning, by O. Wahlman.
NORWEGIAN, per, Norsk Galvano-Teknisk,
Vol IV, No 1, 1961 pp 6-8.

*BISI E 2247

Detection of Fine Cracks in Metals.
SWEDISH, per, Bedrijf en Techniek,
No 195, 30 Jan 1954, pp 1-2. 9662371.

ATIC MCL 786/2

Scientific
Nuclear Physics

Separation of Lithium Isotopes in Ordinary Ion-Exchange Column, by G. M. Panchenkov, E. M. Kuznetsova, L. L. Kozlov.
RUSSIAN, per, Atomnaya Energ, Vol VIII, No 4, 1960, pp 368-370. 9662486.

ATIC MCL 666/III

Relaxation of Elastic Stresses Under Neutron Irradiation, by S. T. Konobeyevskiy, 25 pp.
RUSSIAN, per, Atomnaya Energ, Vol IX, 1960, pp 194-200.

AEC Tr-4425

News in Brief.
RUSSIAN, per, Atomnaya Energ, Vol IX, No 4, 1960, p 347.

*ATIC MCL-1130/1

Five Years of Work at the Joint Nuclear Research Institute, by D. I. Blokhintsev, (DC-6092).
RUSSIAN, per, Atomnaya Energ, Vol X, No 4, 1961, pp 317-342.

*JPRS

Thermal Calculation of the Operating Channel of a Nuclear Reactor, by I. S. Kochenov.
RUSSIAN, per, Inzhenerno-Fiz Zhur, Vol II, No 12, 1959, pp 64-67. 9661851

ATIC MCL 768/1

Subjugation of Atomic Fire.
RUSSIAN, np, Komsomolskaya Pravda, 19 May 1961, p 2.

*ATIC MCL 1180/1

Protection Against Ionizing Radiations Act, Holland 1957.
FRENCH, rpt, C.N.R.N. - Sezione Traduzioni.

AEC CN-Tr-9

Processing of Irradiated Uranium by Sublimation of the Chlorides, by P. Speeckaert, 16 pp.
FRENCH, rpt, Centre d'Etude de l'Energie Nucleaire, rpt BLG-38, 13 Jul 1959.

AEC Tr-4549

Processing of Irradiated Uranium by Sublimation of the Chlorides, by Ph. Speeckaert.
FRENCH, rpt, Centre d'Etude de l'Energie Nucleaire, 1 Sep 1960.

AEC Tr-4553

On the Stability of Symmetrical Biatomic Molecules of the Transition Elements, by G. Verhaegen.
FRENCH, rpt, De La Stabilite Des Molecules Biatomiques Symetriques Des Elements Transitionnaires, 8 pp.

ATIC MCL 788/1 + 2 + 3

Scientific
Nuclear Physics (Contd)

Calculations of the M Mean Number of
Neutrons Emitted by Induced Fission of
 U^{238} by Neutrons of 14.2 MeV, by
S. Blaise, M. Gaudin, et al.
FRENCH, per, Journal de Physique et le
Radium, Vol XIX, 1958, pp 66, 67.

CSIRO

Brief Survey of the Central Problems
of Solar Radiation, by K. Wegener.
GERMAN, per, Geofisica Pura e Applicata,
Vol XLIII, 1959, pp 278-284.

CSIRO Tr 4833

Natural Radioactivity in Water,
by H. Kiefer, R. Maushart, 11 pp.
GERMAN, per, Nukleonik, Vol I, No 1,
1958, pp 22-28, 9076878

ACSIL 1164

Development of Atomic Energy and
Armaments Industry in UAR, 9 pp.
HEBREW, np, per, 2 Feb - 3 Mar 1961.

JPRS 8305

Hungarians Hold International Conference
on Nuclear Physics, 5 pp.
HUNGARIAN, per, Fizikai Szemle, Vol XI,
No 2, 1961, pp 60-61.

JPRS 8440

On the Calculation of the Number of
Grains in Nuclear Emulsions, by
G. Lovera.
ITALIAN, per, Nuovo Cimento, Vol XII,
1954, pp 154, 155.

CSIRO

Calculation of Groups of Grains in Nuclear
Emulsions, by I. Iori, A. Roveri.
ITALIAN, per, Nuovo Cimento, Vol II,
No 1, 1955, pp 165-167.

CSIRO

The Liquid Entrainment and Its Removal
of Large-Scale Evaporation Unit. Evapora-
tion of Radioactive Liquid Waste, by Nobuo
Mitsubishi, Sadahiro Sakata, Yuji Matsuda,
Yutaka Yamamoto, pp 1-18.
JAPANESE, per, J Atomic Energy Soc Japan,
Vol I, 1959, pp 363-369.

AEC Tr-4225

Scientific
Nuclear Physics (Contd)

Ion Exchange Equilibria of Uranyl Sulfate
Ion With Chloride-Sulfate or Nitrate-
Sulfate Mixed Form of Strongly Basic
Anion Resins, by Takeo Yano, Takeshi
Kataoka, Teruyuki Nango, 24 pp.
JAPANESE, per, J Atomic Energy Soc
Japan, Vol II, 1960, pp 511-517. 9076157

AEC Tr-4517

Studies on Liquid Entrainment. Evaporation
of Radioactive Liquid Waste, by Nobuo Mitsuishi,
Yuji Matsuda, Yutaka Yamamoto, Yoshitoshi Oyama,
pp 19-36.
JAPANESE, per, Kagaku Kogaku, Vol XXII, 1958,
pp 680-686.

AEC Tr-4225

On Liquid Entrainment and Its Removal.
Decontamination Characteristic of Evapora-
tion Unit, by Nobuo Mitsuishi, Yataka
Yamamoto, Yoshitoshi Oyama, pp 37-52.
JAPANESE, per, Kagaku Kogaku, Vol XXIII,
1959, pp 647-654.

AEC Tr-4225

Prospects of Nuclear Power Development and
World Trends in Electric Power Generation
Cost, by Rudolf Pomerski, 6 pp.
POLISH, per, Nukleonika, Vol IV, No 6, 1959,
pp 639-653.

AEC Tr-4479

The Wigner Release in Graphite-Moderated
Reactors, by C. Dalmasso, G. F. Nardelli,
21 pp.
SPANISH, per, Energia Nuclear (Madrid),
Vol VI, 1959, pp 807-821.

AEC Tr-4545

Design and Effects of Atomic Weapons,
by Torsten Magnusson, 29 pp.
SWEDISH, per, Koamos, Fysiska Uppsatser,
Vol XXXIV, 1956, pp 180-208.

JPRS 8295

Scientific
Physics

Theory of Dispersion Relations, by
N. N. Bogolyubon, B. V. Medvedev,
M. K. Polivanov, 200 pp.
RUSSIAN, bk, 1958.

AEC UCRL-Trans-499(L)

Variable Processes in Solar Flares as a
Phenomenon of Pinch-Effect, by
A. B. Severnyy
RUSSIAN, rpt, 1958, 18 pp, 9661819.

ATIC MCL 82/ 1 + 2

Research on Isothermal Compressibility of
Explosives at Pressures Up to 22,000 kg/sq cm,
by M. Ya. Vasil'yev, D. B. Balashov,
L. N. Mokrousov, 5 pp.
RUSSIAN, rpt, 7 Feb 1959.

AF 1452252

Technology of the Treatment of Uranium
Concentrates, by N. P. Galkin,
A. A. Mayorov, V. D. Veryatin.
RUSSIAN, rpt, 1960.

AEC Tr-4514

Physics of Interstellar Surroundings, by
S. B. Pikel'ner, 223 pp.
RUSSIAN, bk, Fizika Mezhzvezdncy Sredy,
Moscow, 1959, 9662349.

ATIC MCL-661/V

Temperature Dependence of the Electrical
Resistance of a Single Crystal of Magnetite
Cooled in a Magnetic Field at a Temperature
Below Low Temperature Transformation, 5 pp.
RUSSIAN, bk, Fizika Tverdogo Tela- Sbornik
Statey, 1959, pp 8-10.

ACSI H-8692
ID 2162138

Dislocation and Diffusion Effects in Re-
crystallization of Deformed Copper, by
B. Ya. Pines, 8 pp.
RUSSIAN, bk, Fiz Tverdogo Tela-Sbornik
Statey, 1959, pp 264-272.

ACSI H-8693
ID 2162139

Equations of Disturbed Motion in the Kepler
Problem, by A. I. Lur'ye 4 pp.
RUSSIAN, bk, Iskusstvennyye Sputniki Zemli,
No 4, 1960.

Plenum Press

Scientific
Physics (Contd)

Method of Determining the Electrical
Potential of a Body in a Plasma, by

Ya. M. Shvarts, 5 pp.

RUSSIAN, bk, Iskustvennyye Sputniki Zemli,
No 4, 1960, pp 161-164.

Plenum Press

New Methods of Control and Defectoscopy in
Machine Building and Instrument Construction.

RUSSIAN, bk, Nauchno-Tekhnicheskoye Obshchestvo
Priborostroitel'noy Promyshlennosti, 1958,
pp 230-233, 9661847.

ATIC MCL 474/1

Investigation of Process of Soot Formation
During Thermal Decomposition of Hydrocarbons,
by I. S. Rafal'kes, P. A. Tesner.

RUSSIAN, bk, Pererabotka Prirodnogo Gaza,
1958, pp 3-33, 9661834.

ATIC MCL 764/1

Investigation of Thermal Decomposition of
Hydrocarbons on Surface of Porous Contacts,
by G. V. Genevolenskaya, V. V. Kel'tsev.

RUSSIAN, bk, Pererabotka Prirodnogo Gaza,
1958, pp 116-129, 9661834.

ATIC MCL 764/1

Semiconductor Triodes and Diodes, by E.

I. F. Nikolayerskiy, K. M. Brishnera,

I. B. Ivanova, et al, 450 pp.

RUSSIAN, bk, Poluprovodnikovyye Triody i
Diody, 1961, pp 1-312.

JPRS 9207

Manganese-Oxide Thermistors, by A. P. Pereleshina,
31 pp.

RUSSIAN, bk, Problemy Energetiki, 1959,
pp 828-848, 9662347.

AID Rpt 61-64

Solution of Transportation Problems of an
Electric Computer by the Approximation Method
Using Conditional-Optimal Plans, by

Yu. A. Oleynik, 48 pp.

RUSSIAN, bk, Resheniye Zadachi o Transportir-
ovke na Elektronnoy Vychislitel'noy Mashine
Metodom Priblizheniya Uslovnno-Optimal'nykh
Planov, 1960, pp 1-33.

JPRS 9224

Theory of Functions of a Real Variable, by

I. P. Natanson. Vol. I. 1955; Vol. II.

RUSSIAN, bk, Teoriya Funktsiy Veshchestven-
noy Peremennoy, Vol I, Chap I-IX, 1955; Vol II
Chap X-XVI, XVIII, 1957.

Frederick Ungar Publ Co
New York

Scientific
Physics (Contd)

Magnetostrictional Ferrites as Material
for Electro-Acoustic Converters, by
I. P. Golyamina, 8 pp.
RUSSIAN, per, Akust Zhur, Vol VI, No 3,
1960, pp 311-320, 9076395.

DSI 667

Study of the Reverberation Chamber of
the Acoustics Department of Moscow State
University, by I. V. Lebedeva, 4 pp.
RUSSIAN, per, Akust Zhur, Vol VI, No 3,
1960, pp 326-334, 9076397.

DSI 669

In the Latvian Institute of Physics,
by Yu. Koryakin, 5 pp.
RUSSIAN, per, Atom Energ, 1960, pp 512-514.

JPRS 4634

Theory of Dual Control III, by A. A. Feldbaum,
RUSSIAN, per, Avtomat i Telemekh, Vol XXII,
No 1, 1961, p 3.

*ATIC MCL-1222/1 + 2

Theory of Dual Control IV, by A. A. Feldbaum.
RUSSIAN, per, Avtomat i Telemekh, Vol XXII,
No 2, 1961, p 129.

*ATIC MCL-1223/1 + 2

Selected Articles From the Russian
Periodical Dok Ak Nauk SSSR.

Vol LXXIV, No 1, 1950, pp 49-52.

*BISI 2075

Mechanism of the Electrical Breakdown of
Metal Suspensions in Liquid Dielectrics,
by L. G. Gindin.

Vol CX, No 1, 1956, pp 7-10.

JPRS 4645

Theory of Optimal Processes, by
V. G. Boltyanskiy, R. V. Gamkrelidze,
L. S. Pontryagin, 5 pp.

Vol CXVI, No 1, 1957, pp 9-11.

JPRS 4656

On the Theory of Optimal Processes in Lin-
ear Systems, by R. V. Gamkrelidze, 5 pp.

Scientific
Physics (Contd)

Selected Articles From the Russian
Periodical Dok Ak Nauk SSSR. (Contd)

Vol CXXV, No 3, 1959, pp 475-478.

JPRS 4616

Optimum-Rate Processes With Bounded
Phase Coordinates, by R. V. Gamkrelidze,
6 pp.

Vol CXXXVI, No 4, 1960, pp 765-767.

JPRS 9284

Abstract Automata and the Subdivision of
Free Semigroups, by V. M. Glushkov,
8 pp.

Vol CXXXVI, No 4, 1961.

Improvement of the Optimal Control of
Inertial Objects in the Presence of Pertur-
bations, by V. V. Kazakevich,
A. P. Yurkevich, 11 pp, (pp 783-786).

JPRS 9285

A Class of Automodel Motions of an Ultra-
Relativistic Gas, by V. A. Skripkin,
9 pp, (pp 791-794).

JPRS 9281

Vol CXXXVI, No 5, 1961, pp 1051-1054,
(SF-1880).

*JPRS

Automodel Solutions to Equations of a
Laminar Boundary Layer in Magnetohydrody-
namics, by N. I. Pol'skiy, et al.

Investigating the Thermal and Electricity
Conductivity of Tungsten and Graphite Under
High Temperatures, by V. S. Gumenyuk,
V. V. Lebedev.

RUSSIAN, per, Fiz Metal i Metall, Vol II,
No 1, 1961, pp 29-33.

*ATIC MCL-1165/1

Scientific
Physics (Contd)

Mass-Spectrometer Determination of the Amount and Composition of Gases Adsorbed on the Surface of Germanium and Silicon Monocrystals (Excerpts), by

V. M. Kozlovshaya, 7 pp.

RUSSIAN, per, Fiz Tverdogo Tela, Vol I, No 7, 1959, pp 1027-1034. (Excerpts pp 1027-1029)

AEC SCL-T-344

Dielectric Polarization of Some Complex Compounds, by G. A. Smolenskiy,

A. I. Agranovskaya.

RUSSIAN, per, Fiz Tverdogo Tela, Vol I, No 10, 1959, pp 1562-1572. 9661846

ATIC MCL 472/1

Ferroelectric Subtraction Substitutional Solid Solutions, by G. A. Smolenskiy,

V. A. Isupov, A. I. Agranovskaya.

RUSSIAN, per, Fiz Tverdogo Tela, Vol I, No 10, 1959, pp 1573-1582. 9661846

ATIC MCL 472/1

Effect of an Electric Field on Electron Temperature, Electrical Conductivity and Thermoelectronic Emission of Semiconductors,

II. Accounting for Plasma Oscillations and Close Collisions, by P. M. Tomchuk.

RUSSIAN, per, Fiz Tverdogo Tela, Vol III, No 4, 1961, pp 1019-1030.

*ATIC MCL 1184/1

Terminology of Heat and Mass Transfer¹, by I. T. El'perin, 28 pp.

RUSSIAN, per, Inzhenerno-Fiz Zhur, Vol IV, No 1, 1961, pp 131-148.

JPRS 9387

A Numerical Laplace Transform, by

V. S. Aizenshtat, A. S. Metelsky, 11 pp.

RUSSIAN, per, Inzhenerno-Fiz Zhur, No 2, 1961.

USASIA Tr-1160

Theory of Chain-Thermal Flame Propagation.

Report 2. Two Active Centers With Different Diffusion Coefficients, by L. A. Lovachev, 24 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 7, 1960, pp 1191-1199.

JPRS 9239

Scientific
Physics (Contd)

Selected Articles From the Russian
Periodical Iz Ak Nauk SSSR, Ser Fiz.

Vol XIV, 1950, pp 512-515.

AEC Tr 4252

About the Nature of the Visible Region
of Absorption in Metal-Ammonia Solutions,
by V. I. Danilova, 14 pp.

No 11, 1960.

JPRS 9108

Some Special Properties of Ferro-Electrics
and Ferro-Magnetic Toroids With Rectangular
Hysteresis Loops, by Ye. F. Mamonov,
I. S. Zheludev, (pp 1421-1425).

Principles and Features of Application
of Ferro-Electric Matrices for Storing
Information in Discrete Mathematical Ma-
chines and Equipment, by Ye. I. Mamonov,
(pp 1426-1427).

Semiconductor Units for Automatic Control
of Recording, Reading and Restoring Infor-
mation in Ferro-Electric Matrices, by
Ye. I. Mamonov, Yu. M. Koval'skiy,
(pp 1428-1431).

Device for Pulse Experimental Investiga-
tions of Ferro-Electric Matrices With
Semi-Automatic Address Selection, by
Ye. I. Mamonov, V. G. Rzhakov,
(pp 1432-1435).

Vol XXV, No 3, 1961.

USASIA Tr 1162

Temperature Dependence of the X-Ray Lumi-
nescence and Dark Conductivity of Diamonds
of the Yakutsk Region, by K. N. Pogodayev,
E. S. Vilutis, 4 pp.

Problem on the Presence of Potential Emission
of Electrons in the Bombardment of Metals by
Ions of Inert Gases, by U. A. Arifov,
R. Rakhimov.

RUSSIAN, per, Iz Ak Nauk, UzSSR, Ser Fiz-Mat
Nauk, No 5, 1958, pp 5-13, 9661810.

ATIC MCL 301/1 + 2

Scientific
Physics (Contd)

About the Methods of Investigating the Secondary Processes Caused by Ions at High Temperature of Targets in the Presence of Thermionic Emission, by Yu. A. Arifov, A. Kh. Ayukhanov, S. V. Starodubtsev, Kh. Kh. Khadzhikhamedov.

RUSSIAN, per, Iz Ak Nauk, UzSSR, Ser Fiz-Mat Nauk, No 5, 1958, pp 15-22, 9661810.

ATIC MCL 301/1 + 2

A Comparative Study of the Electronic Emission of Metals Under the Activity of Bombardment by Ions of Inert Gases and Alkaline Elements in the Realm of Energy up to 10 Kilo-Electron-Volts, by Yu. A. Arifov, R. Rakhimov. RUSSIAN, per, Iz Ak Nauk UzSSR, Ser Fiz-Mat, No 6, 1958, pp 49-55, 9661848.

ATIC MCL 299/ 1 + 2

Flow of Gas Through Porous Metal Walls, by Yu. V. Ilin.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved - Aviatonnaya Tekh, No 1, 1959, pp 65-73.

*ATIC MCL-1166/1

Investigation of Gas Movement in a Restricted Area, by M. A. Glinkov, Choi En Sir.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Chern Metal, No 2, 1960, pp 163-168.

BISI 2078

Employing the Parameters of Empirical Formulas That Relate Hardness to Temperature, Duration of Load, and Pressure to Determine the Limits of Solubility in the Solid State, by V. P. Shishokin, A. E. Nikerov, 6 pp. RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Chern Met, No 3, 1960, pp 91-95.

AEC Tr-4441

Analog-to-Digital Conversion, by Yu. A. Belyayev. RUSSIAN, per, Iz Vysshikh Ucheb Zaved - Elektromekh, No 12, 1960, pp 26-31.

*ATIC MCL-1231

On Measurement of Atmospheric Ionization, by V. A. Gubichev, 4 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved Fizika, No 1, 1960, pp 57-59.

ACSI H-9277
ID 2166469

Transparency of Thin Atmospheric Layers in the Range 1 to 13 Microns, by V. Ye. Zuyev, M. Ye. Elyashberg, G. A. Safonova. RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Fizika, No 5, 1960, pp 77-81.

*ATIC MCL-1217/1

Scientific
Physics (Contd)

Effects of Pressure on Atomic Magnetic Moment, by I. Ya. Dekhtyar, V. S. Mikhalenkov. RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Fiz, Vol XI, No 6, 1960, pp 44-51.

*BISI E 2249

The Electric Field of a Moving Drop, by S. S. Dukhin, B. V. Deryagin. RUSSIAN, per, Kolloid Zhur, Vol XXI, No 1, 1959, pp 37-49.

*ATIC MCL-1192/1

Effect of Thermal Irradiation Background on Spectroscopic Processes, by B. I. Stepanov, 12 pp. RUSSIAN, per, Optika i Spektroskopiya, Vol III, 1957, pp 3-8.

AEC Tr-4519

Compensated Ionization Chamber, by A. V. Dmitriyev, M. G. Vorobyev. RUSSIAN, per, Pribory i Tekhnika Eksper, No 1, 1961, pp 55-57.

*ATIC MCL-1232/1

Certain Problems Concerning the Theory of Heat Exchange in the Laminar Flow of a Fluid in Pipes, by D. A. Lavuntsov. RUSSIAN, per, Teploenergetika, No 3, 1958, pp 55-60, 9661807.

ATIC F-TS 9958/V

Magnetic Properties of Metal-NH₃ Solutions and the Equilibrium Concentration of Local Centers in the Dielectric, by M. F. Deigen, 28 pp. RUSSIAN, per, Trudy Inst Fiz, Ak Nauk Ukr SSR, Vol V, 1954, pp 106-118.

AEC Tr 4255

The Theory of Optical Properties and of the Electrical Conductivity of Metal-Ammonia Solutions, by M. F. Deigen, 39 pp. RUSSIAN, per, Trudy Inst Fiz, Ak Nauk Ukr SSR, Vol V, 1954, pp 119-136.

AEC Tr 4256

Magnetic Methods of Flaw Detection (Nondestructive Testing), Analysis and Measurements, by R. I. Yanus, N. M. Rodigin, 405 pp. RUSSIAN, per, Trudy Inst Fiz Metallov, Ak Nauk SSSR, Ural'skii Filial, No 21, 1959.

AEC Tr 4512

Scientific
Physics (Contd)

A Continuous Metal-Steam Method of
Obtaining Hydrogen, by V. V. Lebedev.
RUSSIAN, per, Trudy Inst Goryuchikh
Iskopayemykh-Gazifikatsiya i Goreniye
Topliva, Moskva, Vol XI, 1959, pp 215-225.

*ATIC MCL-1164/1

Selected Articles From the Russian
Periodical Uspekhi Fiz Nauk, Vol LXXII,
1960.

AIP
Sov Phys - Uspekhi
Vol III, No 6

Resonance Scattering of Gamma Rays in
Crystals, by G. N. Belozerskiy,
Yu. A. Nemilov, 19 pp, (pp 433-466).

Electroluminescence, by M. V. Fock,
8 pp, (pp 467-478).

Dislocations in Semiconductor Crystals,
by E. Yu. Kokorish, N. N. Sheftal',
10 pp, (pp 479-494).

Periodic Phenomena in Photosynthesis, by
N. M. Chernavskaya, D. S. Chernavskiy,
16 pp, (pp 627-652).

Recoilless Resonance Absorption of Gamma
Quanta in Solids, by Rudolf L. Mossbauer,
9 pp, (pp 657-671).

On Weight of Photons, by R. V. Pound,
6 pp, (pp 673-683).

The Mossbauer Effect, by F. L. Shapiro,
7 pp, (pp 685-696).

Investigation of the Thermal Structure of
Helium II by Scattering of Cold Neutrons,
by E. L. Andronikashvili, 7 pp, (pp 697-710).

Characteristic Times of Electronic Processes
in Semiconductors, by G. M. Gurov, 17 pp,
(pp 711-740).

On the Relaxation of Nonequilibrium Gas Sys-
tems, by L. V. Leskov, F. A. Savin, 16 pp,
(pp 741-764).

Scientific
Physics (Contd)

Selected Articles From the Russian
Periodical Uspekhi Fiz Nauk, Vol LXXII,
1960. (Contd)

AIP
Sov Phys - Uspekhi
Vol III, No 6

The Classification of the Elementary
Particles, by D. Ivanenko, A. Startsev,
21 pp, (pp 765-798).

Seventh All-Union Conference on Low-
Temperature Physics, by N. Chentsov,
9 pp, (pp 817-826).

New Works on the Semiconductor Theory, by
V. L. Bonch-Bruевич, 3 pp.
RUSSIAN, per, Vest Ak Nauk SSSR, No 1, 1961.

USASIA Tr 1157

Stereophotography With Portable 34MM and Roll-
Film Cameras During Geological and Geographical
Field Surveys, by L. Ye. Smirnov, 10 pp.
RUSSIAN, per, Vest Leningrad Univ, No 24,
Dec 1960, pp 131-138.

JPRS 8420

An Interference Light Filter for the Ultra-
violet Spectral Range, by A. Yu. Klement'yeva.
RUSSIAN, per, Vest Mosk U, Ser III, Fiz Astron,
No 1, 1960, pp 23-26.

*ATIC MCL-1204/ 1 + 2

Laminar Boundary Layer of the Flat Plate in
Dissociated Air, by Z. S. Galanova.
RUSSIAN, per, Vest Leningrad Univer, Ser
Matemat Mekh i Astron, Vol XIX, No 4, 1960,
pp 95-99.

*ATIC MCL-1190/1

On the Mechanics of Controlling Angular Motion
of a Body by Means of Rotors, by M. Z. Litvin-
Sedoy, 16 pp.
RUSSIAN, per, Vest Mosk U, Ser I, Matemat,
Mekhan, No 6, 18 Nov 1960, pp 72-78.

JPRS 9264

Theory of the Additive Deformation Diagram
and Calculation of the Actual Resistances to
Rupture, by Y. Ya. Shekhter.
RUSSIAN, per, Zavod Lab, No 8, 1949, pp 957-961.
9661849.

ATIC MCL 562/1

Scientific
Physics (Contd)

Autolocalization of the Electron in an
Inertially Polarizable Dielectric Medium,
by S. I. Pekar, 19 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz,
Vol XVI, 1946, pp 335-340.

AEC Tr 4259

Concerning the Theory of Light Absorption
Spectra in Metal-Ammonia Solutions, by
A. I. Davydov, 11 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz,
Vol XVIII, 1948, pp 913-916.

AEC Tr 4253

The Theory of Magnetic Properties of Metal-
Ammonia Solutions, by M. F. Deigen, 17 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz,
Vol XXVI, 1954, pp 293-299.

AEC Tr 4257

Optical Properties and Electrical Conductivity
of Metal-Ammonia Solutions, by M. F. Deigen,
21 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz,
Vol XXVI, 1954, pp 300-306.

AEC Tr 4258

Some Patterns of Behavior in the Formation
of Binary-System Constitution Diagram Types,
by S. D. Gramakov, 12 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXIV, 1950,
pp 641-649.

AEC Tr 4523

On the Electrochemical Behavior of Metals in
the Passive State, by Ya. M. Kolotyrkin,
V. M. Knyazheva, 15 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXX, 1956,
pp 1990-2002.

AEC Tr 4350

On the Nature of Necks During the Elongation
of Samples, by N. N. Davidenkov.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXV, 1955,
pp 877-880, 9662362.

ATIC MCL 529/1

Magnetohydrodynamic Surface Waves, by
L. S. Solov'ev.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXXI, No 4,
1961, pp 407-418.

*ATIC MCL 1181/1

Scientific
Physics (Contd)

Shock Ionization and Detonation in Magneto-hydrodynamics, by V. P. Demutskiy, R. V. Polovin.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXXI, No 4, 1961, pp 419-427.

*ATIC MCL 1181/1

A Method of Using the Resonance Super High Frequency Probe for Measurements of Charge Concentration in Plasma, by S. M. Levitskiy, I. P. Shashurin.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXXI, No 4, 1961, pp 436-444.

*ATIC MCL 1212/1

Some Methods of Producing Enriched Uranium 235, by Ho Ping, 11 pp.

CHINESE, per, K'o-hsueh T'ung-pao, No 2, 26 Jan 1959, pp 36-41.

AF 1452306

Selected Articles From the Chinese Periodical Wu-li Hsueh-pao.

Vol XV, No 10, 1959.

JPRS 8182

Ten Years' Development of Physics in China, by Wang Chu-shi, Wang Shou-wu, Woo Yu-hsun, etc, 9 pp, (pp 507-512).

Spectroscopic Analysis of Steel and of Carbon, in Its Cementation Layer, by Chen Pin, Ting Li-chuen, Wang Lin, 14 pp, (pp 513-520).

Effect of the Structure of the Nucleon on the Capture of the π -Meson of the Proton, by H. Y. Tzu, T. H. Ho, Y. B. Dai, 5 pp, (pp 521-524).

Electron Beam Focusing With Periodic Magnet Structures, by Ho Kuo-chu, 23 pp, (pp 535-549).

The Vibrational Spectra of Rochelle Salt, by Chang Hun-chun, Chang Chih-san, 9 pp, (pp 559-564).

Estimation of the Nuclear Moment of Inertia and the g_R Factor, by Tseng Chin-yuen, Chang Ching-ying, Yang Li-ming, 17 pp, (pp 565-574).

Scientific
Physics (Contd)

Selected Articles From the Chinese
Periodical Wu-li Hsueh-pao. (Contd)

Vol XVI, No 4, 1960.

JPRS 7694

The Great Leninism and Modern Physics, by
P'eng Huan-wu, 4 pp, (pp 187-188).

Theory of High Order Aberration, by
Wang Chih-chiang, 29 pp, (pp 189-203).

Aberrations of Coaxial Cylindrical Optical
Systems, by Wang Chih-chiang, 18 pp,
(pp 205-212).

A Study on the Mechanism of Slide Dis-
location in Crystals, by Sun Jui-fan,
M. P. Shaskolskaya, 20 pp, (pp 229-239).

Vol XVI, No 6, 1960.

JPRS 7694

On Frequency Term Analysis of Optical Image
Formation and Information Transmission,
by T'an Wei-han, Wang Chih-chiang, 19 pp,
(pp 305-315).

Frequency Response Function Under Coherent
Conditions and Selective Transmission of
Optical Information, by T'an Wei-han,
14 pp, (pp 316-323).

Polarization in Nucleon-Deuteron Scattering,
by Shih Hsueh-tan, Lo Liao-fu, Hsu Hsin,
Huang Nien-ning, 10 pp, (pp 324-329).

Electro-Magnetic Structures of Particles
With Spin of 1, by Shih Hsueh-tan,
Lo Liao-fu, Huang Nien-ning, 12 pp,
(pp 331-337).

Zone Melting and Development of Crystals.

3. Uniform Distribution of Impurities in the
Ingot, by P. Kratochvil.

CZECH, per, Pokroky Matematiky Fysiky a Astron-
omie, No 2, 1959, pp 208-212.

CSIRO Tr 5039

Scientific
Physics (Contd)

Determination of the Quantity of Radio-
active Substances in an Organism on the
Basis of Their Excretion, by T. Trnovec,
31 pp.
CZECH, per, Pracovni Lekarstvi, Vol XI,
1959, pp 206-215.

AEC Tr 4417

On Linear Methods in Probability Theory,
by Kari Karhunen, 101 pp.
FINNISH, per, Annales Academiae Scientiarum
Fennicae, Vol XXXVII, 1947, 9065562.

RAND T 131

The Magnetic Suspension ONERA, by M. Tournier,
P. Laurenceau, G. Dubois.
FRENCH, Proceedings of the 1st International
Symposium Held at Nice (Taken From Rarefied
Gas Dynamics).

*Res Lab, Engr Sci U of Va

Measures of Thermodynamic Values by Mass
Spectrometer, Study of Sulfur and Zinc, by
R. Colin.
FRENCH, rpt, Measures de Grandeurs Thermo-
dynamiques par Spectrometry de Masse Etude de
Sulfure de Zinc, Spe 1959, 37 pp.

ATIC MCL 743/ 1 + 2

Fringe Photometer for Measuring Different
Regions of an Object Observed in a Telescope,
by A. Dollfus.
FRENCH, per, Comptes Rendus Academie des Sciences,
Vol CCXLIII, 1956, pp 1833-1835.

CSIRO

Double Image Photometer for Comparing Surface
Spots on Planets, by A. Dollfus.
FRENCH, per, Comptes Rendus Academie des
Sciences, Vol CCXLIII, 1956, pp 2023-2025.

CSIRO

Some Separations of Radioisotopes Using Ethyl-
Enediaminetetraacetic Acid, by G. Duyckaerts,
R. Lejeune, 5 pp.
FRENCH, per, J Chromatog, Vol III, 1960,
pp 58-62.

AEC AEC/Trans-6

On the Identification of Charged Cosmic
Particles Ending in Photographic Emulsions
Sensitive of Electrons, by G. Kayas.
FRENCH, per, Journal de Physique et le Radium,
Vol XV, 1954, pp 34-38.

CSIRO

Scientific
Physics (Contd)

On a Method for Measuring the Base Press.
Measurement and Visualization on a Cone
Cylinder Magnetically Suspended at $M_0 \approx 7.6$,
by Georges Dubois, Charles Rouge.
FRENCH, per, La Recherche Aeronautique,
Vol LXXIX, Nov/Dec 1960.

*Res Lab, Engr Sci U of Va

Electrode Potentials in Water and Liquid
Ammonia, by W. A. Pleskow, A. M. Monossonn.
GERMAN, per, Acta Physicochim USSR, Vol II,
1935, pp 621-632.

AEC Tr 4251

Selected Articles From the German Periodical
Ann Physik.

Vol LXIV, 1921, pp 609-620.

AEC Tr 4556

On the Eddy Currents Involved in the
Spontaneous Change of Magnetization, by
B. Vvedenskiy, 10 pp.

Vol IV, 1930, pp 149-184.

AEC UCRL Tr 634(L)

On the Ionization of Alkali Atoms by
Slow Electrons, by Hans Funk, 43 pp.

No 5, 1932, pp 529-561.

ACSI H-8983
ID 2163980

Angular Distribution in the Dispersion
of Slow Electrons in Gas Molecules, by
Von C. Ramsauer, R. Kollath, 22 pp.

Vol XXXVII, 1940, pp 509-533.

AEC Tr 4247

Photoelectric Properties of Solutions of
Sodium in Liquid Ammonia, by J. Hasing,
54 pp.

Vol XII, 1953, pp 57-83.

AEC Tr 4262

On the Theory of Solutions of Alkali
Metals in Liquid Ammonia, by Werner Bingel,
102 pp.

Scientific
Physics (Contd)

Photo-Reactions and Apparatus Used in
Preparative Photochemistry, by G. O. Schenck.
GERMAN, per, Dechema Monographien, Vol XXIV,
1955, pp 105-145.

CSIRO

On the Charging of "Electrets", by Kurt Palm,
13 pp.
GERMAN, per, Exptl Tech Physik, Vol IV, 1956,
pp 253-262.

AEC SCL-T-361

Determination of Critical Mass and Neutron
Flux Distribution by the Method of Physical
Models, by V. A. Dmitryevskiy, I. S. Grigorev,
16 pp.
GERMAN, per, Kernenergie, Vol III, 1960,
pp 366-370, 9065200.

AEC UCRL Trans 650(1)

B. Introduction to Grosstalk Theory, by
K. H. Steinhardt, KDT.
GERMAN, per, Nachrichtentechnik, No 10, 1960,
pp 435-441.

ACSI H 8985-B
ID 2163981

State of Standardization of Semiconductor Com-
ponents Internationally and the Position of
East Germany, by M. Falter, 23 pp.
GERMAN, per, Nachrichtentechnik, Vol XI, No 2,
1961, pp 50-55.

JPRS 9403

Use of Radioisotopes in Metallurgy and Metal
Physics, by I. S. Kulikov (I. S. Kulikov).
GERMAN, per, Neue Hutte, Vol V, Jun 1960,
pp 348-354; Jul 1960, 420-425.

BISI 1991

Model Experiments to Determine the Heat Trans-
fer Conditions in the Checkers of Regenerative
Chambers, by R. Turk.
GERMAN, per, Radex Rundschau, No 1, 1961,
pp 506-525.

*MT 186

Electrolytic Refining With Liquid Electrodes,
by A. Gaumann, 10 pp.
GERMAN, per, Schweizer Archiv, Vol XXI, No 10,
1955, pp 337-342, 9076880.

ACSIL 1082

Preparation Technique in Electron Microscopy,
by K. Muhlethaler.
GERMAN, per, Schweizer Archiv, Apr 1960,
pp 157-162.

BISI 2043

Scientific
Physics (Contd)

Study of the Mutual Exchange of Matter Between Furnace Atmosphere and Annealed Material During Works Annealing of Cold Worked Steels in a Protective Atmosphere, by T. Schmidt, J. Wunning.

GERMAN, per, Stahl und Eisen, Vol LXXXI, 16 Mar 1961, pp 361-366.

*BISI 2192

Behaviour of the Free Gas Jet in Air, by J. Maatsch.

GERMAN, per, Technische Mitteilungen Krupp, Mar 1961, pp 17-31.

BISI 2179

Very Small Probes for Flow Measurement, by R. Ramshorn, 10 pp.

GERMAN, per, VDI Zeitschrift, Vol CI, 1959, pp 832-834.

AEC DEG-Inf-Ser-57

Resistance Measurements on Sodium-Ammonia Solutions at Low Temperatures, by Martin Nabauer, 26 pp.

GERMAN, per, Z Angew Phys, Vol I, 1949, pp 423-428.

AEC Tr 4249

Investigations on Replacing the Subjective Picture Quality Determination by a Physical Criterium, by Werner Kroebel, George Moll.

GERMAN, per Z fuer Angewandte Physik, Vol XI, No 1, Jan 1959, pp 27-35, 9661812.

ATIC MCL 396/ 1 + 2

Temperature Dependence of Conductivity of Amorphous Germanium Vapor-Deposited Layers, by Von Hans Richter, Richard Schneider, 10 pp.

GERMAN, per, Z fuer Angewandte Physik, Vol XI, No 7, 1959, pp 277-283.

ACSI H-8888
ID 2164462

Flow Through Capillary Spaces, by H. Greinacher.

GERMAN, per, Z fuer Physikalische Chemie, Vol XIX, No 1/2, 1959, pp 101-117.

CSIRO Tr 4987

Hungarian Research on Single and Multi-Component Crystalline Carbon Resistors, by L. Neuhof-Suski, 48 pp.

HUNGARIAN, per, A Magyar Tudomanyos Akademia Muszaki Tudomanyok Osztalyanak Kozlemenyei, Vol XXVI, No 1-4, 1960, pp 269-295.

JPRS 9257

Scientific
Physics (Contd)

Mean Free Path in Problems of Acoustic and Thermal Radiation, by C. Codegone.
ITALIAN, per, Atti della Accademia delle Scienze di Torino, Vol LXXXIX, 1954/1955, pp 66, 67.

BISI 2096

Experiments on the Thermal Radiation From Flames, by C. Codegone.
ITALIAN, per, Atti della Accademia delle Scienze di Torino, Vol LXXXIX, 1954/1955, pp 345-349.

BISI 2097

Studies of Aplanatic Systems, by C. Morais.
ITALIAN, per, Contributi Dell' Istituto Nazionale di Ottica, Vol XII, No 1, 1957, pp 45-60.

CSIRO Tr 4974

A Photoelectric Study of a Silver Bromide Crystal, by S. Sonoike, Y. Mita.
JAPANESE, per, Oyo Butsuri, Vol XXVIII, No 10, 1959, pp 602-608.

CSIRO

Contact Charging of Irradiated Polyethylene, by S. Kittaka, A. Kasai.
JAPANESE, per, Oyo Butsuri, Vol XXIX, No 1, 1960, pp 27-31.

CSIRO

Cartographic Problems of Radar Images, by Stefan Przewlocki, 9 pp.
POLISH, per, Przegląd Geodezyjny, Vol XXXII, No 1, 1961, pp 24-26.

JPRS 9349

Absorption and Emission of Energy by Negative Molecular Ions of Hydrogen and Oxygen, by Theodor V. Ionescu, 6 pp.
ROMANIAN, per, Comunicările Academiei, Populare Române, Vol XI, No 2, 1961, pp 180-185.

JPRS 9462

Migration of Silver on Passage of Direct Current Through It, by P. Kuz'menko, E. Khar'kov.
UKRAINIAN, per, Ukrains'kiy Fiz Zhur, Vol III, No 4, 1958, pp 528-535.

CSIRO Tr 5036

All-Union Conference on the Theory of Elementary Particles, by Yu. M. Lomsadze, V. I. Lend'el, 8 pp.
UKRAINIAN, per, Ukrainskiy Fiz Zhur, Vol V, No 6, Nov/Dec 1960.

JPRS 9354

Scientific
Space Research

Soviet Venus Shot (An Interview
With Leonid Sedov), 11 pp.
RUSSIAN, rpt, Soviet Studies.

AF 1457879

Selected Articles From the Russian
Book Iskusstvennyye Sputniki Zemli.

No 4, 1960.

Plenum Press

The Motion of an Artificial Satellite
in the Normal Gravitational Field of
the Earth, by M. D. Kislik, 19 pp.

Determination of Upper-Atmosphere
Density From the Results of Measure-
ments of the Flight of the Third
Soviet Artificial Earth Satellite,
by P. E. El'yasberg, V. D. Yastrebov,
18 pp.

Variations in Density of the Upper
Atmosphere From Data Obtained From
the Measured Period of Rotation of
Artificial Earth Satellites, by
G. A. Kolegov, 5 pp.

Determination of Illumination Con-
ditions and Periods of Illumination
and Darkness for the Artificial
Satellite, by I. M. Yatsunskiy, 11 pp.

Determination of the Parameters of the
Orbit of an Artificial Satellite From
the Results of Ground Measurement, by
T. M. Eheyev, A. K. Platonov, R. K. Kazakova,
18 pp.

Methods for the Numerical Solution of
Finite Difference Equations and Their
Application to Computations of Satellite
Orbits, by G. P. Taratynova, 34 pp.

Elements of the Theory of the Impact
of Solid Bodies With High (Cosmic)
Velocities, by K. P. Stanyukovich,
42 pp.

Scientific
Space Research (Contd)

Selected Articles From the Russian
Book Iskusstvennyye Sputniki Zemli. (Contd)

No 4, 1960.

Plenum Press

Magnetometers in the Third Soviet
Earth Satellite, by S. Sh. Dolginov,
L. N. Zhuzgov, V. A. Selyutin, 39 pp.

Study of Meteoric Particles Through
Instruments on the Third Soviet
Artificial Satellite, by T. N.
Nazarova, 9 pp.

Some Results of Measurement of Mass
Spectra of Positive Ions on the Third
Soviet Artificial Earth Satellite,
by V. G. Istomin, 19 pp.

Cosmic Ray Measurements by Geophysical
Rockets, by Yu. G. Shafer, A. V. Yarygin,
15 pp.

An Artificial Comet as a Method for
Optical Tracking of Cosmic Rockets,
by I. S. Shklovskiy, 24 pp.

No 5, 1960.

Plenum Press

The Orbits of Cosmic Rockets in the
Direction of the Moon, by L. I. Sedov,
21 pp.

Magnetic Measurements With the Second
Cosmic Rocket, by S. Sh. Dolginov,
E. G. Eroshenko, L. N. Zhuzgov, N. V.
Pushkov, L. O. Tyurmina, 13 pp.

Radiation Measurements During the Flight
of the Second Lunar Rocket, by S. N.
Vernov, A. E. Chudakov, P. V. Valukov,
Yu. I. Logachev, A. G. Nickolayev, 9 pp.

Cosmic Radiation Studies During the
Flight of the Second Lunar Rocket, by
L. V. Kurnosova, V. I. Logachev,
L. A. Razorenov, M. I. Fradkin, 12 pp.

Scientific
Space Research (Contd)

Selected Articles From the Russian
Book Iskusstvennyye Sputniki Zemli. (Contd)

No 5, 1960.

Plenum Press

Results of a Study of Impacting of
Meteoric Matter by Means of Instru-
ments Mounted on Space Rockets, by
T. N. Nazarova, 4 pp.

Some Direction Control Problems in
Interplanetary Space, by B. V.
Raushenbakh, E. N. Tokar', 19 pp.

Determination of the Conditions for
Visibility of Space Rockets, by O. V.
Gurko, 9 pp.

Observation of Signals From the Third
Soviet Artificial Earth Satellite, at
Cape Chelyuskin, by L. P. Kuperov, 9 pp.

Change of the Albedo of the First
Artificial Earth Satellite as a
Result of the Action of External
Factors, by I. M. Yatsunskiy, O. V.
Gurko, 4 pp.

Contemporary Status of the Problem Con-
cerning the Origin of Cosmic Rays, by
V. I. Ginzburg, S. I. Syrovatskiy.
RUSSIAN, bk, Sovremennoye Sostoyaniye
Voprosa o Proiskhozhenii Kosmicheskikh
Luckey, May 1961.

ATIC MCL 943/1 + 2

Theory of Alight of Unguided Rockets,
by F. R. Gantmakher, L. M. Levin.
RUSSIAN, bk, Teoriya Poleta Neupravlyayemykh
Raket, 1959, Chap 2-4, 7, 9, pp 24-150,
215-236, 254-276. 9661793.

ATIC MCL 651/V

Scientific
Space Research (Contd)

Selected Articles From the Russian Book
Trudy Mezhdunarodnoy Konferentsii po
Kosmicheskim Lucham, Vol III, 1960,
(NY-6560).

*JPRS

The Investigation of Radiation in
Cosmic Space, by S. N. Vernov, et al,
(pp 17-32).

The Magnetic Field of the External Cor-
puscular Region, by S. Sh. Dolginov,
et al, (pp 33-35).

Observations of Radiation Over Australia
With the Aid of Sputnik 1958 Delta, by
A. G. Hertz, et al, (pp 36-45).

Hard Corpuscles in the Upper Atmosphere,
by V. I. Krasovskiy, et al, (pp 69-74).

Temporary Entrapment of Particles of
Cosmic Radiation and Their Deposit in
the High-Intensity Belt, by R. Hall,
James Lifshitz, (pp 75-86).

Contribution to the Problem of the
Nature of Soft Radiation in the Upper
Atmosphere, by L. I. Dorman, (pp 87-94).

On the Nature of the External Radiation
Belt of the Earth, by G. Askar'yan,
(pp 95, 96).

Observations of Helium Nuclei in
Cosmic Radiation, by P. J. Duke,
(pp 101-103).

Some Problems of the Theory of the
Origin of Cosmic Rays, by V. L.
Ginzburg, (pp 200-208).

Successes of Radio Astronomy and the
Radio Astronomical Theory of the
Origin of Cosmic Rays, by I. S. Shklovskiy,
(pp 209-215).

Scientific
Space Research (Contd)

Selected Articles From the Russian Book
Trudy Mezhdunarodnoy Konferentsii po
Kosmicheskim Lucham, Vol III, 1960,
(NY-6560). (Contd)

*JPRS

Contribution to the Problem of
the Composition of Primary Cosmic
Rays, by A. A. Korchak, et al,
(pp 216-224).

The Possible Acceleration of Charges
by the Electromagnetic Field of the
Earth's Magnetic Dipole, by Ya. P.
Terletskiy, (pp 239-244).

On the Initial Stage of the Accelera-
tion of Charged Particles, by L. I.
Dorman, (pp 245-252).

Photometrical Relief of the Lunar Surface,
by N. S. Orlova.
RUSSIAN, per, Astron Zhur, Vol XXXIII,
No 1, 1956, 11 pp.

JPLAI

Radio Astronomical Observations of the
Second Soviet Interplanetary Rocket,
by V. V. Vitkevich, A. D. Kuz'min,
R. L. Sorochenko, V. A. Udal'tsov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXII,
No 1, 1960, pp 85-88. 9661853

ATIC MCL 738/1

Cosmic Medicine and Its Tasks, by
M. M. Syrotynin, 8 pp.
RUSSIAN, per, Fiz Zhur, Vol VII,
No 1, pp 3-8.

JPRS 9418

Elements of Automatic Tracking Equipment
of the Solar Thermopower Station (STS),
by Ya. T. Shermazanyan, R. R. Aparisi,
RUSSIAN, per, Iz Ak Nauk Arm SSR, Ser
Tekh Nauk, Vol XIII, No 1, 1960, pp 57-70.
9661843

ATIC MCL 780/1 + 2

Scientific
Space Research (Contd)

Selected Articles From the Russian
Newspaper Komsomol'skaya Pravda.
(9662356).

ATIC MCL 404/1

No 216, 1959.

Destination Station -- Moon, by
V. Ivanchenko.

No 217, 1959.

Radio Signals From the Cosmos,
by G. Kisun'ko.

Landscape of Dru Seas, by
V. Shishakov.

The Rudders of Interplanetary Ships,
by Yu. Sushkov.

No 218, 1959.

Conquests of Science Call for World
Peace, Stages of Imminent Assault,
by V. V. Dobronravov.

Bull's Eye, by N. Varvarov.

The First Rocket Launching, by
N. Gorbachev.
RUSSIAN, np, Krasnaya Zvezda,
No 256 (11250), 29 Oct 1960.
9661830.

ATIC MCL 797/1

Interplanetary Routes -- Problems of
Cosmic Flight, by A. Shternfel'd.
RUSSIAN, np, Krasnaya Zvezda, Vol XXXVIII,
No 118, 20 May 1961, pp 6, Cols 5-7.

*ATIC MCL-1264/1 + 2

Space Vehicle Propulsion Systems, by
S. Zonsliayn,
RUSSIAN, np, Literaturnaya Gazeta,
May 1961, p 2, Col 1-5.

*ATIC MCL-1245/1

Biology of Cosmic Flights, by O. G.
Gazenko, V. B. Malkin.
RUSSIAN, per, Nauka i Zhizn, Nov 1958,
pp 17-21. 9661808

ATIC F-TS-9899/111

Scientific
Space Research (Contd)

Photon Rocket - Interstellar Ship of
the Future, by Yu. Sushkov.
RUSSIAN, np, Pravda, 1959.

AEC Tr-4324

A Photon Rocket, by G. G. Zel'kin.
RUSSIAN, per, Priroda, No 11, 1960,
9 pp.

JPLAI

Problems of Science and Technology
Transport Rockets, by G. Petrovskiy.
RUSSIAN, np, Sovetskaya Aviatsiya,
No 221, 19 Sep 1959. 9661850

ATIC MCL 405/1 + 2

Cosmic Rocket Planes of the Future,
by S. S. Ustinov.
RUSSIAN, np, Sovetskaya Aviatsiya,
No 218, 16 Sep 1960, 9661850

ATIC MCL 405/1 + 2

Rocket Space Ships,
by S. Pavlov, 8 pp.
RUSSIAN, per, Tekhnika Molodezhi,
Vol XXVIII, No 1, 1960, pp 16, 17.

AEC Tr-4478

A Great Event of Modern Times.
RUSSIAN, np, Trud, No 214, 1959,
9 pp. 9662367

ATIC MCL 408/1

The Universe Speaks, by G. Kisun'ko.
RUSSIAN, np, Trud, No 216, 1959,
5 pp. 9662367

ATIC MCL 408/1

Riddles of the Moon, by I.
Shcherbina-Samoylova.
RUSSIAN, np, Trud, No 216, 1959,
4 pp. 9662367

ATIC MCL 408/1

It Is Inhabitable, 4 pp.
RUSSIAN, np, Trud, No 216, 1959.
9662367

ATIC MCL 408/1

The First Map of the Far Side of
the Moon, by A. A. Mikhaylov, 11 pp.
RUSSIAN, per, Vest Ak Nauk SSSR,
No 1, 1961, pp 39-42.

JPRS 9196

Scientific
Space Research (Contd)

First Interplanetary Trip,
Earth-Venus, by G. V. Petrovich.
RUSSIAN, per, Vest Ak Nauk SSSR,
Vol XXXI, No 3, 1961, pp 53-60.

*ATIC MCL 1182/1

Good Feelings Adorn a Human Being,
by N. Kopyevskiy.
RUSSIAN, per, Yunyy Tekhnik, No 6,
1960, pp 37-41. 9661802.

ATIC MCL 783/1 + 2 + 3 + 4

Space Vehicle Returns to the
Earth, by V. Parfenov.
RUSSIAN, per, Znaniye-Sila, No 10,
1960, pp 1-3.

*ATIC MCL 1185/1

Equipment of a Space Vehicle, by
Jan Hospodar, 8 pp.
CZECH, per, Rude Pravo, No 120,
Col 4-7, 1 May 1961, p 4.

AF 1471973

A. Cosmic Relays, by Petr Beckmann,
6 pp.
CZECH, per, Slaboprudy Obzor, Vol XXII,
No 2, Feb 1961, pp 74-76.

ACSI H-9081-A
ID 2166443

Rocket Weapons, by Emil Klesl.
GERMAN, bk, Raketove Zbrane,
pp 27-35, 175-212. 9662363.

ATIC MCL 696/1

A. Space Diversity Measurements on
a Visual Range Radio Link System,
by U. Kuhn, KDT.
GERMAN, per, Nachrichtentechnik, No 10,
1960, pp 430-434.

ACSI H-8985-A
ID 2163981

Scientific
Miscellaneous

Medical Publishing Houses, by
V. Mayevskiy, 5 pp.
RUSSIAN, encyclopedia, Bol'shaya Meditsin-
skaya Entsiklopediya, Vol XVII, 1960,
pp 727-731.

JPRS 9191

Translation of Russian Pamphlets
Entitled Doklady na Konferentsii po
Obrabotke Informatsii, Mashinnomu
Perevodu i Avtomaticheskomu Chteniyu
Teksta.

No 1, 1961, pp 1-8, (DC-3901/58).

*JPRS

A System of Filters for Searching Chemi-
cal Compounds by Structural Signs, by
L. A. Shevyakova.

No 2, 1961, pp 1-8.

Establishment of Syntactic Connections in
MT by the Adjukiewicz-Bar Hillel Method
and in Terms of Configuration Analysis,
by I. I. Revzin, (DC-3901/59).

*JPRS

No 2, 1961, pp 1-10.

Structure of Information for Machine Trans-
lation, by I. L. Bratchikov, S. Ya. Fityalov,
G. S. Tseytin, (DC-3901/59).

*JPRS

No 2, 1961, pp 1-11.

Some Theorems of Formal Morphology, by
I. L. Bratchikov, (DC-3901/59).

*JPRS

No 2, 1961, pp 1-11.

Formal Determination of Types of Coordina-
tion, by A. P. Belopol'skaya,
M. B. Stratilatova, A. B. Kovrigin,
(DC-3901/59).

*JPRS

No 2, 1961, pp 1-12.

Identification of Configurations in the
Russian, Sentence, by G. S. Tsetyin,
L. N. Zasorina, (DC-3901/59).

*JPRS

Scientific
Miscellaneous (Contd)

Translation of Russian Pamphlets
Entitled Doklady na Konferentsii po
Obrabotke Informatsii, Mashinnomu
Perevodu i Avtomaticheskomu Chteniyu
Teksta. (Contd)

No 2, 1961, pp 1-24.

The Construction of a Formal Morphology in
Connection With Machine Translation, by
S. Ya. Fityalov, (DC-3901/59).

*JPRS

No 3, 1961, pp 1-3.

Voice Category in Intermediate Language,
by G. S. Tsetyin, (DC-3901/60).

*JPRS

No 3, 1961, pp 1-4.

Algorithm for German Text Abridgement for
Input Into a Machine, by I. I. Revzin,
(DC-3901/60).

*JPRS

No 3, 1961, pp 1-5.

Coding the Vietnamese Syllable, by
V. M. Belykh, (DC-3901/60).

*JPRS

No 4, 1961, pp 1-6.

A Structural Diagram for Solving Problems
Concerning One Class of Information, by
V. B. Borshchev, F. Z. Rokhlin, 5 pp,
(DC-3901).

JPRS 8372

No 4, 1961, pp 1-22.

An Approach to the Problems of Documenta-
tion, by N. I. Styazhkin, N. D. Kravchenko,
20 pp, (DC-3901).

JPRS 8372

No 5, 1961, pp 1-22.

Some Possibilities of Applying S. R.
Ranganathan's Classification System to the
Organization of and Searching for Information,
by B. V. Yakushin, B. R. Pevzner,
Yu. I. Dobrushina, (DC-3901/61).

*JPRS

Scientific
Miscellaneous (Contd)

Translation of Russian Pamphlets
Entitled Doklady na Konferentsii po
Obrabotke Informatsii, Mashinnomu
Perevodu i Avtomaticheskomu Chteniyu
Teksta. (Contd)

No 5, 1961, pp 1-25.

Rules for Generating Sentences in a Stan-
dardized Language of Geometry, by
Ye. V. Paducheva, (DC-3901/61).

*JPRS

No 11, 1961, pp 1-9.

Efficiency of Using General-Purpose Com-
puters for Translation Purposes, by
E. V. Yevreinov, Yu. G. Kosarev, (DC-3901/62)

*JPRS

No 11, 1961, pp 1-10.

Investigation of Ancient Mayan Manuscripts
with the Aid of an Electronic Computer --
Algorithms and Programs, by
E. V. Yevreinov, Yu. G. Kosarev,
V. A. Ustinov, (DC-3901/62).

*JPRS

No 11, 1961, pp 1-12.

Investigation of Ancient Mayan Manuscripts
With the Aid of an Electronic Computer --
Methods of Investigation, by E. V. Yevreinov,
Yu. G. Kosarev, V. A. Ustinov, (DC-3901/62).

*JPRS

No 11, 1961, pp 1-66.

Investigation of Ancient Mayan Manuscripts
With the Aid of an Electronic Computer --
Preliminary Results, by E. V. Yevreinov,
Yu. G. Kosarev, V. A. Ustinov, (DC-3901/62).

*JPRS

Legal Questions on the Organization of Scien-
tific Work in the USSR, by F. I. Fed'kin,
293 pp.

RUSSIAN, bk, Pravovyye Voprosy Organizatsii
Nauchnoy Raboty v SSSR, 1958, pp 1-356.

JPRS 4660

Scientific
Miscellaneous (Contd)

Scientific Reports Presented by Divisions
of the Department of Biological and Medical
Sciences of the Academy of Sciences Azer-
baydzhan SSR at Joint Sessions of the
Academy of Sciences USSR and the Academies
of Sciences of the Azerbaydzhan, Armenian,
and Georgian SSR's, by A. I. Garayev,
A. A. Abdinbeyova, 7 pp.
RUSSIAN, per, Iz Ak Nauk AzSSR, Ser Biolog i
Med Nauk, No 4, 1960, pp 173-175.

JPRS 9231

To New Heights of Sciences (SF-1878).
RUSSIAN, np, Izvestiya, 15 Jun 1961, pp 1, 4.

*JPRS

The New Siberia, the Scientific Siberia,
by B. Azarov, 3 pp.
RUSSIAN, np, Nedelya, (Supplement to Izvestiya),
No 37, 1960, p 10.

JPRS 4634

Soviet Science and the Structure of Communism,
by M. S. Keldysh, (DC-6124).
RUSSIAN, np, Pravda, No 164, 13 Jun 1961,
pp 1-4.

*JPRS

The Efforts of Soviet Science and the Guarantee
of Its Newest Success -- In Constant Touch With
the Constructive Labor of the People, (SF-1878).
RUSSIAN, np, Pravda, 14 Jun 1961, pp 1, 2.

*JPRS

One More Sensation, by V. V. Parin, 5 pp.
RUSSIAN, per, Priroda, Vol XLIX, No 6, 1960,
pp 104, 105.

JPRS 9250

Russian-Georgian Machine Translation Algorithm,
by G. B. Chikoidze, 8 pp.
RUSSIAN, per, Trudy Inst Elektron Avtomat i
Telemekh Ak Nauk GSSR, Vol I, 1960, pp 17-23.

JPRS 8313

Announcements and Congratulatory Notes Con-
cerning the April 12, 1961 Space Flight,
by A. Yu. Gagarin, (DC-6076)
RUSSIAN, per, Zdravookhraneniye Belorussii,
Vol VII, No 4, 1961, pp 5-9.

*JPRS

Dream About a Self-Writing Machine, by
L. Teplov, (NY-6502).
RUSSIAN, per, Znaniye-Sila, 1961, pp 26-29.

*JPRS

Scientific
Miscellaneous (Contd)

Selected Articles From the French Report
Enseignement Preparatoire aux Techniques
de la Documentation Automatique, Feb 1960,
(NY-6596).

*JPRS

Introduction of the Course, by A. Leroy.

Introduction to the Mathematics Session,
by P. Braffort.

Introduction to the Linguistics Session,
by A. Leroy.

General Conclusions.

Selected Articles From the French Report
Rapport Grisa.

*JPRS

No 1, Apr 1960, pp 1-15, (DC-3901/63).

Elements for a General Grammar of Pro-
jective Languages, by Y. Lecerf,
P. Ihm.

No 2, May 1960, (DC-3901/64).

What Is CRISA?, by A. Leroy, (pp 3-5).

The Automatic Setting-Up of an Automatic
Analysis Routine Using a General Diagram
as an Organ of Semantic Control, by
Y. Lecerf, A. Leroy, (pp 6-12).

On a Theory of G-Orders, by P. Ihm,
Y. Lecerf, (pp 12-15).

No 3, Jul 1960, (DC-3901/65).

An Elementary Algebraic Analysis of the
Lecerf-Ihm Criterion, by P. Camion,
(pp 3-7).

A Report of Work Done During the First
Trimester of 1960, by G. E. D. S. H.
Marc Bloch Association, by J. C. Gardin,
(pp 8-19).

Scientific
Miscellaneous (Contd)

Selected Articles From the French Report
Rapport Grisa. (Contd)

*JPRS

No 4, Aug 1960, (DC-3901/66).

Program of Conflicts -- Model of Conflicts, by Y. Lecerf.

No 5, Aug 1960, (DC-3901/67).

Provisional Instructions for Putting Scientific Texts Into Diagrams, by J. Ruvinshii.

No 6, Sep 1960, pp 1-15, (DC-3901/68).

Description of a Documentary Analysis Algorithm, by Y. Lecerf, A. Leroy.

No 7, Oct 1960, pp 1-17, (DC-3901/69).

Examination and Exploitation of a Linguistic Pattern (Preliminary Report), by Paul Braffort, Peter Ihm.

No 8, Dec 1960, pp 2-25, (DC-3901/70).

Multiplicative Processes, Stochastic Differential Equations and Applications, by J. Larisse.

No 9, Feb 1961, (DC-3901/71).

Report of Work Done During the Second Trimester of 1960 by the Group of Documentary Studies for the Human Sciences, by J. C. Gardin, (pp 3-32).

The Framework Within Which the Contract With G. E. D. S. H. Is Located, by A. Leroy, (pp 33-53).

Relationship of Causality and Teleology From the Cybernetic Viewpoint, by Georg Klaus, 13 pp.

GERMAN, per, Deutsche Z fuer Philosophie,
Vol VIII, No 10, 1960, pp 1266-1277.

JPRS 8374

Scientific
Miscellaneous (Contd)

Austrian Research on Eastern and South-eastern Europe, by Jens Hacker, (DC-6087).
GERMAN, np, Das Parlament (Supplement "Aus Politik und Zeitgeschichte"), No B 14/61, 5 Apr 1961, pp 181-192.

*JPRS

New National Directorate and Presidium of the Hungarian Association of Societies of Technology and Natural Sciences, 6 pp.
HUNGARIAN, per, Muszaki Elet, Vol XV, No 26, 22 Dec 1960, p 4.

JPRS 8332

Hungarian Scientific Achievements in 1960, by Zoltan Halasz, 5 pp.
HUNGARIAN, per, Muszaki Elet, Vol XV, No 26, 22 Dec 1960, p 5.

JPRS 8331

USSR Scientific and Technical Exhibit. The Atom for Peace, 14 pp.
ITALIAN, pamphlet, Jun 1960.

AEC Tr-4279

On the Five-Year Plan for Scientific Research, by Witold Nowacki, 10 pp.
POLISH, per, Nowe Drogi, Vol XV, No 2 (141), 1961, pp 102-107.

JPRS 9095

A Glance at Madrid Speech, by Alonso Zamora Vicente (DC-6136).
SPANISH, np, ABC, No 74, 11 Jun 1961, p 3.

*JPRS

In the Presidium of the Academy of Sciences UkSSR, 16 pp.
UKRAINIAN, per, Dopovidi Ak Nauk Ukrain RSR, No 8, 1960, pp 1124-1129.

JPRS 9199

Second Congress of the Ukrainian Botanical Society, by A. I. Barbarych, 7 pp.
UKRAINIAN, per, Dopovidi Ak Nauk Ukrain RSR, No 8, 1960, pp 1132-1134.

JPRS 9199

AUTHOR INDEX

- A -

Abdinbeyova, A. A.	312	Anwar, Junisaf	122
Abramov, I.	152	Aparisi, R. R.	305
Abroskin, P. I.	4	Archakov, Yu. I.	273
Adda, Yves	275	Arep'yev, A.	6
Aganbegyan, A.	13	Arfe, Gaetano	138
Ageyev, N. P.	160	Arifov, Yu. A.	288, 289
Aglintsev, K.	232	Arkhangel'skaya, V. M.	224
Agoshkin, M. I.	179	Arkhangel'skiy, A. A.	191
Agranat	197	Arneberg, O.	169
Agranovskaya, A. I.	287	Arsent'yev, V.	201
Agte, C.	278	Arsen'yeva, M. A.	232
Aizenshtat, B. A.	222	Arskiy, V. N.	160
Aizenshtat, V. S.	287	Arup, H.	168
Ajewski, Zygmunt	258, 259	Arustamova, A. T.	246
Ajoeb, Joebaar	122	Arutunyan, Yu. V.	1
Akhromenkov, A. A.	189	Arutyunov, V. D.	235
Akopyan, Ye. Sh.	249	Askar'yan, G.	304
Aksenov, A. A.	221	Asmu	101, 123
Aksenov, I. Ya.	187	Astashenkov, P.	145
Albrecht, Jerzy	52	Aubathier, P.	218
Aleksandrov, P. A.	1	Aujeszký, Laszlo	229
Aleksandrov, V. A.	31	Aush, Sandor	50
Aleksandrova, L. I.	29	Averin, N. M.	1
Alekseyev, A.	18	Avksent'yev, A.	30
Alekseyev, M. N.	21	Avrayamov, D. S.	28
Alekseyev, Ya. K.	269	Ayukhanov, A. Kh.	289
Alemasov, V. Ye.	144	Azarov, B.	312
Alexander, V. A.	157	Azaryan, G. Kh.	19
Aleynikova, M. M.	153	Azernikov, V.	161
Al'ftan, E. A.	266	Azhibayev, K.	233
Alleman, Fritz Rene	142		
Alliquander, Odon.	48	- B -	
Althoff, F.	270	Babeshkin, A. M.	162
Altmeyer, H.	214	Bach, N. A.	157
Amendola, Giorgio	139	Bachmann, F.	154
Amosov, N. M.	244	Bacic, Hrvoje	39
An, Ping	99	Badalyan, G.	146
Anan'yev, V. M.	232	Badarch, D.	104
Andreyev, B.	7	Bading, W.	213
Andronikashvili, E. L.	291	Badir'yan, G.	5
Andryanov, K. A.	161		
Angelus, V.	40	Bajger, Zdzislaw	56
Anh, Vu	105	Bakalov, Al.	253
Anic, R.	260	Bakhrakh, L. P.	161
Ankinovich, Ye. A.	272	Bakirov, A. A.	. 1
Anosov, F. V.	192	Bakri, Sarman	133
Antal, Zoltan	48		

- B -

- 316 -

Balandin, G. F.	199, 272	Berezhkovskiy, D. I.	268
Belashov, D. B.	283	Berezin, B. A.	192
Belashov, V.	17	Bergeron, Regis	101
Belcar, J.	100	Berkovskiy, A. G.	179
Bem, G. Ya.	3	Berland, Bjorn	156
Benashek, V. E.	190	Berlin, A. M.	158
Banaszkiewicz, Jakub	64	Berruti, V.	276, 278
Bao, Dinh Giang	134	Bershitskiy, Ya. M.	250
Barabashov, N. P.	146	Betaneli, A. I.	264
Barac, Dako	65	Betin, V. V.	199
Baranov, V. I.	164	Betina, Vladimir	257
Barbarych, A. I.	315	Beuschausen, W.	209
Barbazanges, C.	207	Beyer, R.	182
Bardin, I. P.	265	Beyevska, V. A.	162
Barmina, O. N.	261	Bezverkhniy, Sh. A.	221
Baron, B. B.	265	Bezzuby, G. I.	197
Barraud, A.	181	Bialecki, Heinz	44
Barth, O.	211	Biehringer, Joachim	167
Bartholome, E.	168	Bielecki, Czeslaw	64
Bartnicki, Marian	54	Bihet, O. L.	104, 206
Barton, K.	170	Bikson, I. A.	159
Barun, V. A.	186	Bingel, Werner	297
Bashenko, V. V.	271	Birin, A.	14
Basov, N. G.	179	Biryulin, V. T.	211
Bass, F. G.	227	Blaise, S.	281
Bassi, A.	278	Blokhintsev, D. I.	280
Bastien, P.	275	Blum, G.	278
Baychev, Iv.	35	Bobkov, I. G.	236
Bayer, A. Ya.	198	Bocharov, A. A.	244
Bayev, S.	12	Bochin, V. A.	2
Becker, H.	214	Bochorishvili, A. Sh.	245
Beckmann, G.	211	Bode, O.	43
Beckmann, Petr	308	Bogachev, I. N.	268
Beglaryan, A. G.	236	Bogdanik, Tadeusz	258
Belevich, G. M.	174	Bogolyubov, N. N.	283
Belleville, Pierre	138	Bogomoletz, V. I.	238
Belopol'skaya, A. P.	309	Boguslavskiy, P. Ya.	201
Belostotskaya, Ye. M.	239	Boguslawski, Zbigniew	54
Belousov, Ya.	196	Bogusz, Jarzy	54
Belousova, I. I.	149	Bohm, D.	270
Belov, K.	267	Bohnen, J. K.	182
Belozerskiy, G. N.	291	Boiteux, Maurice	136
Belyayev, I. I.	239	Boksha, V. G.	250
Belyayev, Yu. A.	289	Bokshteyn, S. Z.	262
Belykh, V. M.	310	Boldyrev, V. V.	164
Benard, J.	275	Bolgov, A.	5
Bencaster, A.	217	Bolgov, V.	19
Benediktov, I.	5	Boljaric, Branko	38
Bennett, F. R.	154	Boller, A.	154
Benuni, A. Kh.	4	Bollmann, K.	213
		Boltyanskiy, V. G.	230, 285

Bombach, Gottfried	46	
Bonch, E. I.	202	
Bonch-Bruevich, V. L.	292	
Boneva, Tsvetana	35	
Bong, P'il-yun	103	
Bonnaure, E.	207	
Boon, E. F.	204	
Bora, Gyula	48	
Borchers, H.	167	
Borisov, P. A.	1	
Borisov, Yu. Ya.	177	
Boroczy, E.	168	
Borowski, Jan	56	
Borshchev, V. B.	310	
Bosiacki, K.	55,	59
Boskovic, B.	256	
Boutigny, R.	207	
Boychenko, M. S.	263	
Boychuk, O. F.	218	
Brada, Ferenc	184	
Braffort, P.	313	
Braffort, Paul	314	
Brainin, I. E.	266	
Brandestini, A.	212	
Bratchikov, I. L.	309	
Braude, S. Ya.	227	
Bregadze, Yu. I.	148	
Bregard, Karl	257	
Breger, A. Kh.	160	
Brekhovskikh, L. M.	33	
Brems, Hans	70	
Brenner, P.	276	
Breznik, Dusan	68	
Brhacek, B.	274	
Brishpera, K. M.	284	
Brodskiy, A.	14	
Brody, Andras	50	
Bromanskaya, M. I.	238	
Broydo, L. G.	225	
Bruesser, O. J.	258	
Brumberg, Ye. M.	252	
Brutto, E.	278	
Bryanskiy, A.	6	
Budesinsky, Bretislav	165	
Budinskiy, A. A.	186	
Budnikov, P. P.	34	
Buei, K.	156	
Bugayev, N.	6	
Bul'skiy, M. T.	15	
Burberg, Josepha	47	

Burger, Kalman	50	
Burichenko, A. V.	238	
Bushanskaya, N. B.	29	
Butenko, A.	22	
Butkovskiy, A. G.	186	
Buttner, Siegfried	43,	75
Bykov, V. V.	224	

- C -

Cabarat, R.	181	
Cadek, J.	274	
Camion, P.	313	
Cappel, F.	278	
Carlson, Sune	73	
Catic, Slobodan	39	
Caubo, M.	204	
Cebisova, Taisia	42	
Ceric, Zoran	39	
Chagovets, R. V.	234	
Chang, Chia-ch'eng	226	
Chang, Chiang-i	81	
Chang, Chi-chia	226	
Chang, Chih-san	294	
Chang, Ching-ying	294	
Chang, Ch'iu	115	
Chang, Chun-fang	256	
Chang, Chun-hao	254	
Chang, Ch'un-sheng	100	
Chang, Feng-ch'i	204	
Chang, Fu-kuang	204	
Chang, Han	100	
Chang, Hsiu-min	131	
Chang, Hun-chun	294	
Chang, Hung-tse	254	
Chang, Jen-fu	203	
Chang, Mu-chien	256	
Chang, Pang-hsueh	254	
Chang, Po-no	253	
Chang, Shao-ch'ing	110	
Chang, Shih-kung	112	
Chang, Shou-kung	273	
Chang, Yeh	142	
Chang, Yu.	255	
Chang, Yu-ch'un	203	
Chao, Chen-heng	131	
Chao, Kuang-sheng	253	
Chao, Shou'i	131	
Chao, Wen-pu	81	

Chapuis, A. M.	228	Ch'iu, Hsien-chung	82
Chashci 'nov, A. V.	190	Chiu, Tien	79
Cheboulankina, V.	28	Chizhevskiy, A. L.	232
Ch'en, Ch'ih	115	Chizhik, A. I.	192
Ch'en, Chih-ming	256	Chobanov, Iv.	231
Ch'en, Chi-lieh	253	Ch'oe, Ik'hyon	103
Chen, Chun-yang	77	Ch'oe, T'ak-ho	125
Chen, Hsing	99	Ch'oe, Wan-ho	125
Chen, Hua-lin	80	Choi, En Sir	289
Ch'en, Jih-hsin	254	Chon, Yong	103
Chen, Pin,	294	Chong, Hyong-yop	103
Ch'en, Shih-chu	108	Chong, Yong-son	103
Ch'en, Tsai-chia	253	Chou, Hsin-min	125
Chen, Wan-liang	132	Chou, Yu-kuang	132
Cheng, Che-min	203	Chovjka, J.	274
Cheng, Chia-shun	254	Chu, Pao-chen	227
Cheng, Chih	108, 109	Ch'u, Tu-nan	117
Cheng, Li	79	Chu, Yen-che	116
		Chuang, Yung	126
Chentsov, N.	292	Chudakov, A. E.	302
Chernavskaya, N. M.	291	Chuiko, N. M.	266
Chernavskiy, D. S.	291	Chukanin, K. I.	226
Chernetaskiy, V. I.	195	Chukhleb, A. N.	269
Chernetsov, V. I.	270	Chung, Ch'en	180
Chernev, Tan'o G.	67	Chung, Wah-hsieh	203
Chernov, G. M.	164	Chursin, V. M.	267
Chernov, I.	19	Chuveleva, N. P.	271
Chevalier, R.	140	Ciachunowicz, Jerzy	53
Ch'i, Ching-tai	203	Cihal, V.	165
Chi, Cong	105	Ciric, L.	260
Chi, Tung-p'ing	79, 114	Clausanitzer, Hans	46
Chia, Nieh-fu	203	Codegone, C.	300
Chia, Yun-lung	81	Codegone, Cesare	217
Chiang, Nai-chung	255	Colin, R.	296
Chiang, Nan-hsiang	111	Cornelius, E. A.	215
Chiang, Shao-chi	254	Cortez, P.	175
Chiang, Ying-liang	132	Csanyi, Eva	258
Chien, T'so	108	Csibi, Sandor	183
Ch'ien-hsien	133	Csizmadia, Erno	49
Chih, Chu-lin	79	Cukcr, Gyorgy	49
Chih, Ming	79	Czaraki, Andrzej	185
Chikoidze, G. B.	312	Czechowski, Antoni	184
Chin, Shan-pao	88	Czerwinski, Piotr	54
Chin, Wen-t'ao	254	Czoher, J.	56
Chin, Yen	119	Czottner, Sandor	50
Ching, Wu-wu	117		
Chinh, Yen	107		
Chirkin, V. S.	264		
Chistyakov, V. F.	146		
		Dai, Y. B.	294

Dalmasso, C.	282	Dokunina, N. A.	144
Dal Pozzo, Giuliana	139	Dolezal, L.	180
Damir, A. M.	248	Dolginov, S. Sh.	302, 304
Danchenko, R.	14	Dolin, P. I.	157
Danes, F.	180	Dolina, L. A.	235
Danilevsky, A. S.	152	Dollfus, A.	296
Danilov, A. D.	221	Dolodnov, S.	251
Danilova, V. I.	288	Domdey, Karl Heine	73
Dao, Duy Tung	127	Donetskiy, D. A.	241
Dao, Hong Van	107	Dong, Hoai	134
Dard, Michele	175	Doraczynski, A.	58
Dashbaikir, B.	104	Dorfman, L. A.	194
Davico, Oskar	67	Dorfman, Ya. G.	157
David, Gabor	171	Dorman, L. I.	304, 305
Davidenkov, N. N.	293	Dorr, W.	214
Davidkov, P.	35	Douiri, M'Hammed	72
Davydov, A. I.	293	Dovgopol, V.	13
Davydov, B. E.	164	Doychev, K.	35
Davydovskiy, I. V.	235	Dragan, C.	231
Defranoux, J. M.	170	Draignaud, P.	165
Degtyar', D.	73	Drapal, S.	274
Deigen, M. F.	173, 290,	Drese, H. J.	211
	293	Dressler, A.	209
Dekhtyar, I. Ya.	290	Drits, M. E.	270
Delforge, J.	207	Drobilko, G. A.	192
Delong, B.	180	Droxzcz, Wacław	258, 259
Demushkin, A. I.	177	Drozdov, O. A.	225
Demutskiy, V. P.	294	Drugov, Yu. V.	233
Depowski, Stanislaw	56	Dubenets, S. A.	195
Deppermann, K.	182	Dubinín, N. P.	232
Derin, Zihni	76	Dubinsk'iy, A. A.	251
Deryabin, S. A.	15	Dubois, G.	296
Deryagin, B. V.	290	Dubois, Georges	297
Devenyi, G.	216	Duclos, Jaques	137
Deyev, S. S.	32	Ducrot, Marcel	228
Dezso, Laszlo	69	Dudinskiy, I.	11
Diehl, W.	182	Duinea, N. D.	61
Dikushin, V. I.	3	Duke, P. J.	304
Dimitrov, Dim	36	Dukhanina, N. N.	249
Dioszeghy, Daniel	49	Dukhin, S. S.	290
Djurbabic, Marko	39	Dular, Marijan	38
Dmitriyev, A. V.	290	Dumov, V. I.	144
Dmitriyev, Yu. V.	32	Duong, Pham	129
Dmitryevskiy, V. A.	298	Duplenko, K. F.	247
Dobrokhotov, A. A.	199	Dushina, O. P.	242
Dobronravov, V. V.	306	Dussus, A.	45
Dobrovolskiy, O. V.	146	Dutkowski, Hieronim	184
Dobrushina, Yu. I.	186, 310	Duyckaerts, G.	296

Dzbanovskiy, V. P. 244
 Dzhaoshvili, Vakhtang
 Shalvovich 20
 Dzhenchel'skaya, S. I. 161
 Dziewiecki, Marian 55
 Dzoljic, D. 260

- E -

Eckelmann, G. 208
 Eckhart, F. 175
 Eckstein, H. J. 277
 Efimova, N. 12
 Eig, L. S. 191
 Einasto, Ya. E. 146
 Eknadosyants, O. K. 222
 Eliseyev, S. A. 269
 El'perin, I. T. 287
 El'yasberg, P. E. 301
 Elyashberg, M. Ye. 289
 Elyutin, V. P. 32
 Ements, G. L. 238
 Emyashev, A. V. 263
 Enev, Mikhail 36
 Eneyev, T. M. 301
 Engeler, A. 170
 Engel'gardt, V. A. 157
 Engell, H. J. 167
 Entin, S. D. 187
 Enyedi, Gyorgy 48
 Erdmann-Jesnitzer, F. 61, 266,
 270
 Erdtman, H. 173
 Erola, V. 205
 Eroshenko, E. G. 302
 Ershova, Z. V. 162
 Esin, O. A. 158
 Eskin, V. 233
 Eteriya, G. P. 244
 Evstigne'yev, E. V. 189

- F -

Fackelmeyer, A. 168
 Faddeyeva, V. N. 230
 Fal'kova, Ye. L. 251
 Falter, M. 298
 Fang, Ju. 113
 Fassbender, G. 182

Fed'kin, F. I. 311
 Fedorov, A. 12
 Fedotova, T. I. 153
 Fedyushin, A. V. 153
 Feldbaum, A. A. 285
 Fel'dshtein, Ya. I. 222
 Felinger, A. K. 188
 Fellcht, K. 211, 277
 Fellhauer, Harry 101
 Feng, Chien-nan 80
 Feng, Chih-ming 110
 Feng, Shang-hsin 79
 Feng, Tzu 79
 Ferrari, C. 172
 Feschotte-Ostertag, H. 166
 Fichtner, R. 212
 Filatov, V. I. 244
 Filatova, M. A. 187
 Filippov, M. 30
 Filippov, S. I. 158
 Filippova, V. 134
 Fischer, Hans Joachim 182, 183
 Fityalov, S. Ya. 309, 310
 Fiucek, Z. 37
 Flossmann, R. 213
 Fock, M. V. 291
 Fomenko, Yu. E. 266
 Forgacs, Zoltan 48
 Fournier d'Albe, E. M. 228
 Fradkin, B. M. 186
 Fradkin, M. I. 302
 Frank, G. M. 157
 Frantsev, Yu. 22
 Frappe, Gerard 166
 Frayer, S. 8
 Fredlin, S. 24
 Frenking, H. 208
 Freydlina, Ye. Yu. 262
 Freydzon, I. R. 178
 Freytag, Fritz 145
 Friedlander, Paul 72
 Frolov, I. T. 152
 Frolov, V. M. 164
 From, A. A. 241
 Fu, Chen-sheng 131
 Fudel-Osipova, S. I. 238
 Funk, Hans, 297
 Funke, P. 212
 Furman, K. S. 188
 Fusi, A. 72
 Futergendler, S. I. 272

Gabinet, M. P.	225	Getzeva, R. V.	262
Gafurov, B. G.	32	Gieszczyński, Stefan	53
Gagarin, A. Yu.	312	Gilula, M. D.	194
Gajda, Jerzy	176	Gindin, L. G.	285
Gajderowicz, Mieczysław	53	Ginzburg, V. I.	303, 304
Gajic, Branislav	39	Girginov, Girgin	62
Galanin, K. P.	3	Girs, A. A.	222
Galanova, Z. S.	292	Glazov, V. M.	270
Galbiati, A.	278	Glebov, B. A.	192
Galinker, I. S.	34	Glinkov, M. A.	289
Galkin, N. P.	283	Glockner, R.	212
Gamkrelidze, R. V.	285, 286	Glotov, V. G.	272
Gamze, Z. M.	192	Glozman, O. S.	251
Ganchenko, S.	29	Glushkov, V. M.	286
Gandin, L. S.	227	Glushkova, Ye. K.	29
Gantmakher, F. R.	303	Gofman, I. N.	162
Garayev, A. I.	312	Gokhman, V. M.	27
Gardin, J. C.	313, 314	Gola, G.	155
Gardos, Laszlo	50	Golanski, Henryk	69
Garwacki, Janusz	259	Gol'denberg, A. A.	270
Gassler, R.	258	Goldenberg, Boris	142
Gasteva, Z. A.	248	Gol'din, M. I.	150
Gatkiewicz, Janusz	59	Goldshtein, Ya. E.	267
Gaudel, J. V.	181	Gol'dshteyn, A. I.	12
Gaudin, M.	281	Gol'dzil'ber, E. M.	246
Gaumann, A.	298	Gologorskiy, V. A.	244
Gavalov, I. V.	190	Gol'tsberg, I. A.	225
Gavrilov, V. S.	13	Golubtsova, L. M.	271
Gawehn, H.	210	Golyamina, I. P.	285
Gayevskaya, L. A.	264	Gomiscek, S.	165
Gazenko, O. G.	306	Gorbachev, N.	306
Geidel, R.	213	Gorbachev, P.	11
Geist, Aldo	40	Gordeyeva, T.	150
Gel'd, P. V.	264	Gordon, G. I.	267
Geleji, A.	216	Gorelov, L.	24
Gel'fand, L. A.	247	Gornak, K. A.	235
Gel'fenbeyn, L. G.	195	Gorshkov, G. V.	233
Gellert, Johannes F.	130	Gorshkov, S. V.	192
Gelman, N. E.	162, 163	Gorushkina, L. P.	268
Gel'perin, N. I.	159	Goryashin, V. A.	153
Genevolenskaya, G. V.	284	Goryshin, N. I.	149
Georgiev, Dimitur A.	35	Goryunova, N. A.	164
Georgiev, Marin	36	Gostev, A. E.	20
Georgiyevskaya, L. M.	247	Gracheva, A. P.	268
Germana, G.	258	Gramakov, S. D.	293
Germani, Bruno	139	Grandjean, Etienne	260
Gershonovich, Z. S.	234	Granovskiy, G. I.	262

Grashchenkov, N. I.	234
Grebesheva, I. D.	161
Grebtsov, G. I.	262
Greiner, H.	299
Grel, W.	51
Grigorev, I. S.	298
Grigorov, Mihajlo	61
Grigoryan, G.	151
Grigoryan, L.	22
Grigor'yeva, G. M.	269
Grinberg, A. V.	250
Gross, E. F.	161
Grossmann, H.	45
Grudinkina, N. P.	161
Grushetskiy, I.	11
Grzesiak, Kazimierz	184
Guan, Zong-shan	203
Gubenko, N. V.	266
Gubichev, V. A.	289
Gubin, T. V.	271
Gubler, Ya. V.	245
Gucwa, St.	57
Gudim, I. S.	3
Gudoshnikov, L. M.	104
Gulina, L. A.	235
Gulyas, Bela	48
Gumenyuk, V. S.	286
Gunthard, H.	168
Gurevich, Ya. B.	263
Gurevich, Yu. G.	158
Gurko, O. V.	303
Guro, G. M.	291
Gurov, V.	177
Gurvich, A. A.	236
Gurvich, A. K.	202
Gurvich, M.	24
Gus, Kh. B.	242
Gusakov, V.	193
Guseynov, A. M.	10
Guthmann, K.	214
Gutrov, D. G.	162
Gyarmati, Laszlo	171
Gyorgy, Hajos	68

- H -

Ha, Van Thu	134
Haalck	64
Haasman, K.	183

Hacker, Jen	315
Hagihara, Misao	155
Hahn, Werner	45
Hajduk, Henryk	54
Hajicek, O.	205
Halasz, Zoltan	315
Hall, R.	304
Halone, R. S.	206
Han, Chang-ho	103
Han, Ku'yong	104
Hans, A.	165, 166
Harasawa	172
Harveng, I.	207, 275
Hasing, J.	297
Haupt, Heinz	46
Havelka, F.	216
Hayano	172
Heinroth, O.	154
Heller, W.	276
Henke, G.	258
Henselmeyer, G.	212
Hernik, Stanislaw	185
Herrmann, E.	210
Hertz, A. G.	304
Hertz, H. G.	216
Hesselbach, H.	215
Heynert, G.	214
Hilderbrand, H.	182
Ho, Chen	79
Ho, Kuo-chu	294
Ho, Ping	294
Ho, T. H.	294
Hoang, Khanh	129
Hoang, Minh	106
Hoang, Phe	134
Hoang, Quoc Thinh	128
Hoang, Tung	127
Hoeck, G.	208
Hoff, H.	169
Hoffmann, W. H.	182
Hohlstein, Gerhard	170
Holdys, Henryk	52
Hong, Cuong	135
Hoppe, Heinz	46
Horacek, J.	169
Horalek, V.	205
Horn, O.	167
Horstmann, D.	213
Hospodar, Jan	308

Hou, Pao-cheng	104	Iori, I.	281
Hrivnak, I.	273, 274	Isayev, B. M.	148
Hsi, Ch'eng-fan	88	Ishimitsu, A.	278
Hsiang, Lin	133	Istomin, V. G.	223, 302
Hsieh, Hsiang-huang	118	Istvan, Palvolgyi	101
Hsieh, Hsien-wei	100	Isupov, V. A.	287
Hsien, Fu-yang	80	Ivanchenko, V.	306
Hsien, Ying-ch'eng	80	Ivanenko, D.	292
Hsing, Ch'en	109	Ivanidis, G.	8
Hsu, Cheng-ta	204	Ivanitskiy, A. M.	245
Hsu, Chen-wu	254	Ivanonic, Momcilo	40
Hsu, Chi	89	Ivanov, A. M.	264
Hsu, Feng-ling	110	Ivanov, Boris	36
Hsu, Hsin	295	Ivanov, E. V.	200
Hsu, Pao-yuan	254	Ivanova, I. B.	284
Hsu, T'an-lu	142	Ivanova, K. N.	265
Hsu, Wen	253	Ivanova, V. A.	162
Hsu, Yun-pei	256	Ivanovich, Iv.	154
Hu, Ch'ang-lin	130	Izotov, A.	7
Hu, Cheng-lieh	255		
Hu, Chia-jui	203		
Hu, Yao-pang	77		
Huang, Ch'ang-lu	81		
Huang, Ming-hsin	254		
Huang, Nien-ning	295		
Huang, Shun-tung	132		
Hubojo, Darmono S.	125		
Hueck, H. J.	154		
Hunck, Joseph M.	63		
Hwang, Yu.	97		

- I -

I, Ch'ien	90
I, Fan	203
I, Ts'ai	120
Ibing, R.	209
Idont'yev, V. I.	263
Ignatov, L.	6
Ihm, P.	313
Ihm, Peter	314
Ilczuk, Tadeusz	57
Il'ichev, V. I.	223
Iliev, Lyubomir	231
Ilin, Yu. V.	289
Ilyashenko, S. M.	219
Ionescu, N. M.	61
Ionescu, Theodor V.	300
Iordan, G. G.	188

- J -

Jachimski, Eugeniusz	185
Jacquemart, R.	207
Jakobsson, Jakob	156
Jamme, G.	181
Janowski, J.	169
Jarmann, Georg	71
Jaworski, J.	59
Jelinek, Tamas	49
Jeschke, F.	47
Jezek, J.	274
Jonsson, S. E.	218
Jotti, Nilde	139
Journet, B.	72
Juan, Ching-shun	255
Juliao, Feancisco	143
Jung, Ai-lung	180
Jung, R.	209
Jutz, C.	167

- K -

Kabachnik, M. I.	162
Kabanov, B. N.	273
Kabatov, Yu. F.	243
Kabo, M.	11
Kaderavek, Z.	205
Kadushin, A. A.	189
Kagan, Yu. G.	245
Kaibicheva, M. N.	200, 271
Kalabukhov, F.	7
Kalamkarov, V. A.	13
Kalashnikov, A. G.	223
Kalinin, G. P.	179
Kal'nitskiy, S. L.	192
Kaloumenos, H. W.	170
Kal'yu, P. I.	246
Kamenetskaya, D. S.	263
Kamenskiy, Ye. V.	16
Kamenskiy, Yu. I.	152
Kamkohler, Gerhard	171
Kan, Feng	108
Kandyba, V. V.	265
Kaner, E. A.	227
Kanevskiy, A. G.	16
Kanevskiy, L. M.	3
Kaniewski, Andrzej	58
Kantor, P. B.	265
Kao, Kho-tung	256
Kapp, H.	258

Karavanov, A. G.	179
Karayalcin, Yasar	76
Kargin, V. A.	164
Karhunen, Kari	296
Karlovskey, Jaroslav	181
Karlsson, Villy	70
Karna	165
Karpov, P. P.	262
Kartsev, M. A.	178
Karyakin, L. I.	200
Kasai, A.	300
Kasatkina, A. P.	251
Kashanova, N. I.	150
Kashanskiy, M. S.	197
Kasitskiy, I.	29
Kataoka, Takeshi	282
Katolin, I.	34
Katona, J.	183
Kawinski, Stanislaw	58
Kayas, G.	296
Kazakevich, V. V.	286
Kazakov, E. D.	32
Kazakov, G. D.	3
Kazakova, R. K.	301
Keivanek, Vlastimil	41
Keldysh, M. S.	312
Kelle, V.	30
Keller, A.	276
Kel'tsev, V. V.	284
Kel'zon, A. S.	186
Kenji, Asakowa	102
Kerkis, Yu. Ya.	232
Kha, Vang Can	106
Khabenskiy, B. D.	192
Khachatryan, A. M.	227
Khadzhiiliev, Iliya	35
Khadzhikhamedov, Kh. Kh.	289
Khan'kovskiy, A.	5
Kharchenko, M. S.	28
Khar'kov, E.	300
Kharlamov, V. P.	153
Kharnas, S. Sh.	236
Khaykina, B. I.	261
Khelinskiy, A. M.	235
Khokhlov, A. F.	196
Khokhlov, P. T.	269
Khrantsova, A. D.	240
Khromov-Borisov, N. V.	243
Khrushcheva, Ye. A.	236
Khukhryanskiy, P.	162

Khursin, N. E.	238	Kolchin, O. P.	271
Khvostova, V. V.	148	Kolegov, G. A.	301
Kiefer, H.	281	Kolev, I.	149
Kiepenheuer, K.	148	Kolev, N.	36
Kiesewetter, Wolfgang	76	Kollath, R.	297
Kiktenko, V. S.	150, 239	Kol'nikov, B. N.	12
Kilinski, Antoni	184	Kolomiyets, B. T.	164
Kim, Kwang-bin	103	Kolosova, M. F.	160
Kim, Pyong'nin	104	Kolotushkina, A. P.	3
Kinoshite, M.	229	Kolotyrkin, Ya. M.	293
Kirchberg, H.	43	Kolyada, T. V.	240
Kirillov, Yu. G.	8	Kolyaditskaya, Ye. A.	236
Kirillova, Z. S.	173	Komissarenko, V. P.	245
Kir'yanova, E.	151	Kondakov, V. F.	14
Kishkin, S. T.	262	Kondratovich, V. M.	201
Kislik, M. D.	301	Koneiczny, Jerzy R.	65
Kislyakova, E. N.	180	Konobeyevskiy, S. T.	280
Kiss, E.	216	Kononenko, S. G.	198
Kiss, Pal Gegesi	258	Konopicky, K.	167, 170, 209
Kisun'ko, G.	306, 307	Konoval'tseva, N. S.	193
Kitaljevic, B.	37	Konozenko, I. D.	191
Kitaygorodskiy, A. I.	161	Konstantinov, B. A.	236
Kito, Petro	62	Konstantynovskiy, G. A.	237
Kittaka, S.	300	Kontorovich, M. I.	230
Klaus, Georg	314	Kopineck, H. J.	42
Klejnuk, Stefan	60	Kopyevskiy, N.	308
Klement'yeva, A. Yu.	292	Kopylov, I. P.	174
Klemm, E.	46	Korbl, J.	169
Klesl, Emil	308	Korchak, A. A.	305
Klibanov, A.	30	Korenenskaya, E. I.	240
Klimov, N. S.	174	Korkunov, Yu. F.	178
Klingenstein, T.	210	Kornilayev, A. N.	189
Klug, W.	229	Kornilov, I. I.	163
Klyuyev, M.	232	Korol'kov, G. A.	270
Kneissler, L.	209	Korovyakovskiy, D.	8
Knuppel, H.	214	Korshun, M. O.	162, 163
Knyazheva, V. M.	293	Kortum, H.	215
Ko, Liang-t'ao	203	Koryakin, Yu.	285
Kobozev, N. I.	148	Korzh, N. N.	239
Kobylynska, Halina	51	Korzun, V. I.	224
Kochen'ak, F.	2	Kosarev, Yu. G.	311
Kochenov, I. S.	280	Koshovnik, G. I.	269
Kochinyan, A.	1	Koshtoyants, Kh. S.	240
Kogan, V. B.	159	Kosiarz, Edmund	65
Kohutova, M.	257	Kossey, P.	258
Kokorish, E. Yu.	291	Kossler, Franz	154
Kolando, V. V.	190	Kostial, Ernst	45
Kolaric, V.	38		

Kostov, Boris St.	35	Kruger, G.	277
Kostrikin, Y. M.	162	Kruger, H.	211
Kostyuk, P. G.	237	Kruglov, O. V.	2
Kostyuk, V. A.	16	Krusenstjern, A. V.	277
Kostyukovich, A.	13	Krutetskiy, V. A.	22
Kotai, Endre	258	Krylov, O. V.	164
Kotevski, Trajko	40	Krylov, V. S.	241
Koutsky, J.	274	Kryvelev, I.	30
Kovacevic, Milivoje	63	Krzeminski, W.	229
Koval', T.	19	Krzesaj, Stanislaw	54
Kovalenko, P. P.	244	Kuan, Feng	115
Kovalev, N. N.	192	Kuan, Li-ch'uan	116
Koval'skiy, Yu. M.	288	Kuan, Tai-tung	99
Kovanov, V. V.	236	K'uang, An-k'un	253
Kovrigin, A. B.	309	Kuchenbuch, G.	213
Kovsha, V. S.	272	Kudrov, V.	19
Kovtun, P. G.	269	Kudryavtsev, S. I.	150, 239
Kozharskiy, L. A.	202	Kuhn, U.	308
Kozhovnikova, N. N.	153	Kukhtenko, A. I.	195
Kozlov, L. L.	280	Kukyanov, B. M.	195
Kozlov, V. Ya.	187	Kulagin, G. A.	192
Kozlov, V. Z.	173	Kulikov, I. S.	298
Kozlov, Yu. M.	16	Kulikovskiy, A. G.	223
Kozlova, I. N.	237	Kunayev, D.	13, 22
Kozlovskaya, V. M.	287	Kundzin', A. T.	190
Kozlowski, L.	172	Kung, T'ung-wen	112
Kozlowski, T. B.	51	Kuniewski, Henryk	58
Krajcir, Frantisek	42	Kuntscher, W.	211
Krasil'mikov, N. A.	150	Kuntsevich, V. M.	218
Krasil'shchikov, Z. N.	273	Kuo, Feng	204
Krasnobayev, I.	30	Kuo, Mo-jo	142
Krasovitskiy, Yu. V.	161	Kuparadze, G. Z.	4
Krasovskiy, V. I.	222, 304	Kuperov, L. P.	303
Kratochvil, P.	295	Kupriyanov, N. S.	234
Kraushaar, R.	47	Kurbatkin, G. P.	224
Kravchenko, N. D.	310	Kurilekh, L. P.	269
Kravtsov, Ya. M.	272	Kurin, V. V.	197
Kravtsova, L. M.	227	Kurnosova, L. V.	302
Kreig, H.	47	Kurscheidt, W.	214
Krekeler, H.	168	Kur'yarov, V.	232
Krentsel, B. A.	164	Kushkin, P. K.	224
Kreyngol'd, F. I.	161	Kuvarin, V.	18
Krintsman, Z.	193	Kuzin, A. M.	148
		Kuz'menko, P.	300
Krivososenko, K.	25	Kuz'min, A. D.	305
Krleza, Miroslav	63	Kuznets, Ye. I.	149
Krmpotic, N.	40	Kuznetsov, I.	5
Kroebe, Werner	299	Kuznetsov, V. D.	179
Krohnstad, W.	172	Kuznetsova, E. M.	280

Kuznetsova, L. N.	234
Kuznetsova, N. N.	150
Kyuranov, Chavdar	36

- L -

Labinski, R.	65
Lade, G. I.	190
Lagutin, N.	7
Lagutina, N. Ya.	241
Lah, Jerica	256
Lai, Yao-fu	253
Lakhno, Ye. V.	234
Laktionov, A. G.	223
Langrod, K.	154
Lapin, V.	232
Lapin, V. P.	189
Larin, I.	150
Larisse, J.	314
Laruelle, J.	140
Lashko, N. F.	263
Lashko-Avakyan, S. V.	263
Lasson, J.	207
Latyshev, G. D.	191
Latyshev, V. K.	188, 189
Laurenceau, P.	296
Laurinaytis, S.	28
Lavrenko, Ye. M.	26
Lavrent'yev, N. I.	244
Lavrikov, Yu. A.	1
Lavuntsov, D. A.	290
Lawrenz, Kurt	43
Layner, D. I.	272
Lazarenko, D. I.	264
Lazarev, G. P.	270
Lazareva, L. S.	265
Le, Ba	128
Le, Duan	126
Le, Kham	129
Le, Thanh Nghi	105, 106
Le, Thuan	129
Le, Van Bao	107
Le, Vinh Quoc	128
Le, Yen	134
Lebedev, K. B.	272
Lebedev, M. M.	153
Lebedev, V. V.	286, 291
Lebedeva, I. V.	285
Lecerf, Y.	313, 314

Lei, Wen-chin	88
Lejeune, R.	296
Lekczynska, J.	57
Lend'el, V. I.	300
Leonhard, Susanne	63
Leonidov, A.	33
Leont'yev, N. F.	26
Leont'yev, V. I.	263
Lepoutre, Gerard	166
Leroy, A.	313, 314
Leshchinskiy, N. I.	188
Lesinski, Slawomir	59
Leskiewicz, W.	217
Leskov, L. V.	291
Leszczynski, Stanislaw	51
Leutskiy, K. M.	234
Levashova, S. A.	28
Levi, L. I.	267
Levin, A. G.	179
Levin, E. E.	268
Levin, L. M.	303
Levin, M. Ye.	25
Levit, M.	232
Levitina, N. A.	152
Levitskiy, S. M.	294
Li, Ch'ao	204
Li, Ch'eng-jui	83
Li, Che-tang	79, 80
Li, Chung	118
Li, Hei	96
Li, Hsun-ke	254
Li, Hui	120
Li, Po	111
Li, Shu	117
Li, Teh-hsing	254
Li, Ting-k'un	131
Li, Yu-chiu	111
Li, Yueh	89
Liang, Han-ping	111
Liang, Sheng	109
Liang, Tso-kan	132
Libman, P. M.	268
Lifshitz, James	304
Likhushin, P.	24
Lilyev, A. F.	201
Limanskiy, Yu. P.	237
Lin, Ch'en	113
Lin, T'eh	111
Lin, Yen	88
Lindahl, Erik	70

Lindenhayn, Otto	44
Lindner, R.	165
Lingurski, N.	35
Lipkind, M. A.	236
Lippmann, H.	182
Lipshits, S. Yu.	2
Lipski, T.	59
Lisapali, J.	101
Lisichkina, Z. S.	238
Lisitsyn, K. M.	244
Lissov, I. L.	244
Litchinko, V. M.	206
Litichevskiy, V. F.	198
Litvinenko, V. G.	200
Litvin-Sedoy, M. Z.	292
Liu, Cyi-ying	130
Liu, Er-sing	97
Liu, Han-chun	119
Liu, Hsi	203
Liu, Hsien	254
Liu, Shih-i	203
Liu, Teh-jun	253
Liu, Tien-fu	82
Liu, Tzu-chien	92
Livanov, M. N.	232
Livenson, A. R.	243
Liverovskiy, Yu. A.	2
Livshits, B. G.	269
Livshits, L. S.	161
Livvy, G. V.	159
Lo, Liao-fu	295
Lo, Shih-kao	62
Lobanov, A. N.	220
Lobanov, E. M.	189
Logachev, V. I.	302
Logachev, Yu. I.	302
Lomonosov, E. G.	224
Lomsadze, Yu. M.	300
Lopitzsch, K. H.	175, 212
Losev, B. I.	219
Losev, V. V.	273
Loskutov, V.	201
Lovachev, L. A.	287
Lovera, G.	281
Loverdo, G.	14
Lozinskiy, M. G.	270
Lozinskiy, V. A.	152
Lu, Chi-en	94
Lu, Ch'i-szu	92
Lu, K'e-chien	115

Lubovsky, M.	274
Luchnik, N. V.	248
Lukacs, M.	258
Lukman, M. H.	123
Lukowski, Jerzy	176
Luk'yanenko, V. I.	249
Luk'yanova, A. A.	243
Lunats, A. A.	241
Lundberg, A. S.	70
Lung, Wu-tze	93
Lunima, M. A.	160
Lunin, Yu. N.	224
Luong, Dinh Cua	107
Lupanov, O. B.	230
Lur'ye, A. I.	283
Lur'ye, G. G.	187
Lushchitskiy, M. A.	244
Lushnikov, A. M.	31
Lutsenko, N. G.	251
Luzhnaya, N. P.	164
L'vov, N. S.	193
Lyishevskiy, A. S.	202
Lyndin, V. V.	189
Lysenko, D. N.	145
Lysk	44

- M -

Ma, Kuo-cheng	131
Ma, Pao-fa	82
Ma, Wen-hua	79
Maatsch, J.	299
Macskasy, Hugo	48
Maetz, H.	276
Magnusson, Torsten	282
Magri, D.	278
Magyari, Andras	50
Mai, Hans	45
Maio, Li-t'ien	113
Majstorovic, G.	260
Makarov, L. O.	177
Maketov, K. M.	13
Makhorin, K. E.	199
Maklakov, N. T.	16
Maksimov, V. V.	240
Malakhova, I. A.	29
Malek, Karel	175
Malicki, Michal	53
Malikov, K. V.	219
Malinin, G. A.	25

Malishev, Y.	18	Maushart, R.	281
Malkin, V. B.	306	May, Serge	275
Mal'tsev, T. S.	6	Mayaud, P.	228
Malyukova, I. V.	252	Mayer, H.	155
Mamonov, Ye. F.	288	Mayevskiy, V.	309
Mamonov, Ye. I.	288	Mayfat, V. D.	3
Mandl, M.	274	Mayorov, A. A.	283
Mandrzhitskiy, M. N.	25	Maysyuk, A. P.	237
Mangeron, D.	231	Mazalov, Ye. V.	1
Mann, K. E.	277	Mazanek, E.	169
Manojlovic, Petar	61	Mazayev, P. N.	237
Mao, Pao-ling	254	Mazur, Yu. N.	134
Marcellino, Nella	139	Medovar, B. I.	265
Marek, Franz	23	Medvedev, B. V.	283
Marek, Kazimierz	259	Medvedev, M.	17
Marek, S.	257	Meissner, Boris	23
Margulis, G. M.	238	Melnichenko, G. V.	238
Mariembakh, L. M.	198	Mel'nikov, N. V.	265
Marinov, A.	35	Mel'ttser, L. V.	188
Markkula, Henrik	71	Men, A. V.	227
Markovic, Jerotije	61	Merkov, A. M.	247
Markovic, P.	260	Mertsalov, A. N.	224
Markovich, I. M.	178	Meshalkin, I. N.	248
Markun, M. J.	148	Meshalkin, Ye. N.	248
Marmer, E. N.	262	Messwarb, G.	167
Marot, J.	275	Mestitzova, M.	258
Martan, Leslaw	55	Metelsky, A. S.	287
Martinov, M.	227	Meyerson, F. Z.	250
Martinovic, Bosko	38	Mgebryan, O. I.	161
Mart'yanov, G. I.	192	Miazgowa, M.	51
Martynov, D. Ya.	147	Michel, Serge	75
Martynov, S. Z.	158	Miculescu, R.	218
Martynov, V. P.	269	Midecke, P.	277
Martynova, O.	151	Mikhailov-Mikheyev, P. B.	262
Marynov, V. V.	9	Mikhalenkov, V. S.	290
Marz, Gyorgy	183	Mikhaylov, A. A.	307
Masduki	102	Mikhaylov, K. Ye.	8
Mashovsky, M. D.	243	Mikhaylova, V. L.	11
Mashtaler, V.	20	Miksch, Jaroslav	41
Maspetiol, R.	257	Milanov, O. B.	241
Mathieu, C.	257	Miljkovic, Dusan	37
Matic, Vidan	38	Millstein, H.	217
Matok, Gyorgy	175	Milosevic, M.	256
Matrai, L.	258		
Matsuda, Yuji	281, 282	Minkina, A. I.	234
Matsyuk, L. N.	191	Mints, R. S.	163
Mattes, O.	155	Mirkin, L. I.	269
Matting, A.	276	Mirtov, B. A.	221

Mita, Y.	300
Mitkaliny, V. I.	199
Mitrega, J.	56
Mitrega, Jan	57
Mitropol'skiy, Yu. A.	34
Mitsuishi, Nobuo	281, 282
Mityushev, V. A.	173
Mnyikh, Yu. V.	161
Modin, S.	218
Mohn, Albert Henrik	70
Moiseitsev, P. I.	240
Moiseyev, M.	5
Moisiu, Vangjel	62
Mokrousov, L. N.	283
Moll, George	299
Molnar, Nandor	68
Mondeteguy	228
Monossohn, A. M.	166
Monossonn, A. M.	297
Morachevskiy, V. G.	226
Morais, C.	300
Moran, R.	169
Moreau, J.	275
Morkved, K.	217
Moroz, L. M.	262
Morozov, A. I.	179
Morozov, A. N.	264
Morozov, I. S.	163
Morozova, G. G.	268
Mossbauer, Rudolf L.	291
Mossdorf, R.	168
Mou, Hung-wei	130
Muck, Otto H.	171
Muhlethaler, K.	298
Mukhina, L. I.	26
Muller, H. G.	212
Multanovskiy, M.	232
Mulyukin, F. P.	4
Munir,	123
Muragin, F. P.	16
Murat, V.	28
Murav'yev, Ye. F.	32
Murskiy, V. L.	231
Mushnikova, K. S.	153
Music, Drago	67
Musu, Marissa	125
Muszkiet, Tadeusz	57
Myslivec, T.	274

- N -

Nabauer, Martin	183, 299
Nacken, M.	276
Nadzhafov, M.	193
Nagel, R.	209
Nakajima, Kenji	116
Nakajima, T.	102
Nakashima, S.	102
Nakayama, I.	156
Nalivayskiy, Yu.	14
Nan, Ts'ai-ying	80
Nango, Teruyuki	282
Nann, E.	216
Napieralska, Mirosława	259
Napiorkowski, Izydor	59
Nardelli, G. F.	282
Natanson, I. P.	284
Natradze, A.	232
Naydich, Yu. V.	163
Nazarov, V.	12
Nazarova, T. N.	302, 303
Nazartsev, N.	5
Nechayev, G. K.	193
Nechiporenko, Ye. P.	158
Nechiporuk, E. I.	178
Nefedov, V. I.	32
Neimark, V. E.	263
Nekovaleva, N. A.	261
Nemchinov, V.	5, 6
Nemesdy, E.	209
Nemilov, Yu. A.	291
Nemirovskiy, E. I.	15
Nenni, Pietro	138
Neporozhniy, P. S.	9
Nepyshnevskiy, V. M.	160
Neshpor, V. S.	163
Nesmeyanov, A. N.	158
Nesterenko, A.	232
Neuhof-Suski, L.	299
Neuman, P.	180
Nevoigt, A.	46
Neyman, R. E.	160
Ngo, Du	126
Nguyen, Dien	106
Nguyen, Duy Trinh	127
Nguyen, Huu Mai	106
Ni, Chi-ts'ang	254

Nickolayev, A. G.	302
Nieciunski, Witold	53, 55
Nikerov, A. E.	289
Nikitin, V.	11
Nikolayerskiy, I. F.	284
Nikolayev, N. S.	158
Nikolic, Vlado	38
Nikolov, Stoyan	66
Nikol'skiy, I. V.	26
Nikonorov, I. V.	149
Nikonov, G. K.	234
Nishkov, M.	66
Niznansky, F.	257
Njoro	122, 123
Njoto	124
Nogina, O. V.	158
Nonnenmacher, H.	168
Nordling, V.	136
Nordman	165
Nosal, M.	257
Novik, A. A.	202
Novikov, I.	6
Novotna, J.	180
Novozhilov, Yu. V.	174
Novozhilova, K. I.	162, 163
Nowacki, Witold	315
Nowakowski, Edward	184
Nowicka, Jadwiga	259
Nurnberg, W.	183
Nursuhud	122
Nuzhdin, N. I.	150

- 0 -

Obolenskiy, K.	5
Obolenskiy, N.	104
Ochner, Paul	43
Oehler, G.	210
Oelsen, W.	276
Oemigk, J.	213
Ogilets, M. V.	190
Ogrodnik, Adam	56
Ogrodowski, Henryk	55
Ohlin, Bertil	71
Oiks, G. N.	196
Olczakowski, W.	52
Oldakowski, Stefan	58
Olewicz, Z.	56

Oleynik, Yu. A.	284
Olka, A.	51
Olsuf'yev, N. G.	250
Omarovskiy, A. G.	3
Opitz, H.	210
Oppel', V. V.	251
Ordinyan, N.	11
Orlov, N. A.	244
Orlova, N. S.	305
Orlova, T. V.	250
Orlovskaya, E. P.	239
Orlovskiy, L. V.	246
Osada, Ya.	194
Osherovich, A. L.	221
Osipov, Yu. A.	240
Ostroukhova, V. A.	234
Ostrowski, Stanislaw	59
Otta, B.	211
Ovsepyan, Ye. S.	264
Owieczko, Aleksander	64
Owsik, Wacław	56
Oyama, Yoshitoshi	282
Ozolin, N. G.	32

- P -

Paavilainen, Vaino	71
Paches, A. I.	252
Paczkowski, Eugeniusz	184
Paducheva, Ye. V.	311
Paeh, Nam-un	131
Paetzold, H. K.	229
Pai, Jung-sen	255
Pai, Yeh	83
Pakhomov, Ye. M.	265
Palacz, Edward	58
Paleyev, N. R.	241
Palfi, Laszlo	49
Palm, Kurt	298
Pan, Ch'i-ts'ao,	251
P'an, Hsiao-shih	273
P'an, Liang-ju	203
Panchenko, E. V.	266
Panchenkov, G. M.	280
Panjevic, Dj.	260
Pankratov, A. Ya.	148
Papazov, Nacho	67
Papnek, F.	41

Paramonov, V. K.	179	Petrova, A. N.	159
Parfenov, V.	308	Petrovic, M.	260
Parin, V. V.	232, 250	Petrovic, P.	228
	312	Petrovich, G. V.	308
Parkan, M.	41	Petrovskiy, B. V.	241
Partos, Judit	69	Petrovskiy, G.	307
Paschke, E.	167	Petrovsky, B. V.	246
Pasek, M.	275	Petrusch, N.	46
Paskalev, G.	231	Petruszek, Mirosław	45
Passereau, G.	206	Petunina, E. V.	270
Pastukhova, G. F.	225	Pevzner, B. R.	310
Pauels, H.	213	Pham, Le Van	128
Pavlenda, V.	41	Pham, Van Dong	126
Pavlov, A.	17	Phan, Van Chieu	105
Pavlov, I. M.	266		44
Pavlov, N. I.	225	Piesker, K.	172
Pavlov, Rad	253	Pihlstrand, F.	283
Pavlov, S.	307	Pikel'ner, S. B.	54
Pawlowski, Z.	216	Piklikiewicz, Henryk	244
Pechanec, V.	169	Pinchuk, V. M.	157, 283
Pekar, S. I.	293	Pines, B. Ya.	60
P'eng, Huan-wu,	295	Pircioaga, Virgil	172
P'eng, Yin-pin	130	Pislaru, V.	31
Pepovski, Sveto	40	Pis'menskiy, F. B.	268
Percier, Edmond	228	Pivnik, E. M.	192
Perebatova, M. A.	246	Plagov, Sh. Z.	22
Pereleshina, A. P.	284	Platkovskiy, V.	206
Perel'man, Fanya		Platon, J. G.	301
Moiseyevna	264	Platonov, A. K.	166, 297
Peremykin, V.	5	Pleskow, W. A.	188, 189
Peretyat'ko, V. N.	266	Pliskin, Yu. S.	278
Pereverzev, I.	201	Plockinger, E.	41
Perkal, Julian	259	Poboril, F.	242
Perovic, Punisa	63	Pochapinskiy, V. I.	257
Pertsov, S. V.	177	Pochet	288
Pesek, A.	40	Pogodayev, K. N.	222
Peshkin, M. A.	144	Pogosyan, Kh. P.	164
Petkov, Al. I.	227	Polak, L. S.	49
Petohazi, Gabor	41	Polgar, Sandor	283
Petrakov, B. D.	246	Polivanov, M. K.	294
Petrashko, Yu. K.	161	Polovin, R. V.	194
Petrdlik, M.	273	Polozhentsev, D. D.	286
Petrishchev, D.	26	Pol'skiy, N. I.	179
Petrov, A.	10	Pol'skiy, V. G.	146
Petrov, I. P.	245	Polupan, P. N.	150
Petrov, L. S.	221	Pomerantseva, M. D.	282
Petrov, M. P.	27	Pomerski, Rudolf	22
Petrov, Stoyan	62	Ponomarev, B.	218
		Ponton, S.	

Pontryagin, L. S.	285
Ponyatovskiy, Ye. G.	265
Popeskov, Bosco	66
Popilov, L. Ya.	262
Poplavskaaya, V. L.	270
Popov, K. V.	269
Popov, P. V.	152
Popova, L. A.	149
Popova, N. M.	240
Popovskiy, Mark	33
Porkert, O.	214
Pound, R. V.	291
Povolotskiy, D. Ya.	264
Pozdnyakov, V. V.	199
Pozhivayev, N. N.	159
Pratjojo, Rento	101
Pratusevich, Yu. M.	239
Preobrazhenskiy, V. S.	26
Presman, A. S.	152
Presnyakov, A.	223
Pridamtsev', M. V.	264
Primas, H.	168
Primatova, L. V.	202
Prishchepionok, L. A.	197
Prives, M. G.	235
Prokhorov, M. I.	151
Prokopovich, A. Ye.	186
Pronin, F. A.	198
Protopopov, S. P.	237
Prusak, I.	204
Pryzinski, Bohdan	53
Przewlocki, Stefan	300
Puchkova, L.	151
Puchner, O.	208
Pugin, A. I.	173
Purbohadiwidjojo, M. N.	101
Puscaru, E.	259
Pushchin, N. I.	150
Pushkina, N. N.	240
Pushkov, N. V.	302
Putilin, M. I.	244
Puzanov, G.	145
Puzyrev, N. N.	220
Pyaskoyskaya-	
Fesenkova, Ye. V.	223
Pyatakova, L. L.	267
Pyatnitskiy, M. V.	248

- R -

Rabben, H.	148
Rachel, H.	194
Radl, Z.	175
Rado, Sandor	48
Radoilski, Ltubomir	67
Rafal'kes, I. S.	284
Rahmel, A.	167
Raker, K.	155
Rakhimov, R.	288, 289
Rakhimov, Ya.	252
Rakovskiy, V.	200
Ramchandran, T.	167
Ramsauer, Von C.	297
Ramshorn, R.	299
Randahn, H.	168
Rashina, M. G.	249
Rasool, S. I.	228
Raub, Ernst	277, 278
Rauch, W.	212
Raucher, C.	260
Rauchfuss, W.	211
Rausch, H.	278
Raushenbakh, B. V.	303
Rauzin, Ya. R.	269
Ray, Hemen	121
Raykhman, S. R.	193
Razorenov, L. A.	302
Rebel'skiy, A. V.	202
Reichardt, I. P.	208
Reichstadter, B.	60
Remanes, A.	155
Remez, E. Ya.	231
Remezov, P. I.	242
Reshetnyak, Kh. D.	268
Rethy, K.	217
Reutov, N. N.	268
Revzin, I. I.	309, 310
Rewang	123
Rezabek, Jaromir	41
Richter, Von Han	299
Ridnyy, A. A.	197
Riedel	43
Riehs, J.	41
Rieler, H.	213
Riepert, E.	277
Rigler, Gyorgy	68
Rimashevskaya, N.	13

Rio, A.	172
Rissi, J. P.	122
Rochas, H. J.	170
Rochet, Waldeck	137
Rodigin, N. M.	290
Rodionov, S. F.	221
Rodriguez, Kh.	14
Rogozinski, T.	217
Rohde, H. H.	213
Rohrbach, C.	215
Rokhlin, F. Z.	310
Rokhlin, L. L.	270
Romankov, P. G.	171
Romanov, I.	30
Romenets, V. A.	10
Rona, Peter	183
Rosenbusch, F.	156
Rosenstein-Rodan, Paul	45
Roth, J.	206
Rouge, Charles	297
Routschka, G.	209
Roveri, A.	281
Rozbicki, Tadeusz	52
Rozenberg, L. D.	222
Rozmarin, Gn.	172
Rozonoer, L. I.	230
Rozov, Yu. M.	177
Rubinovich, E. E.	190
Rubtsov, I. A.	150
Rudanovskiy, A. A.	189
Rudnitskiy, A. A.	173
Rudowski, S.	55
Rudoy, A. P.	267
Ruge, J.	211
Rumyantsev, S. V.	191
Runova, M. F.	237
Ruppert, W.	277
Ruvinschi, J.	314
Ruzicka, Otto	42
Ryabov, R. A.	264
Rybina, A. A.	234
Rybkin, I. N.	247
Rzhanov, V. G.	288
Rzhevskiy, V. V.	265

- S -

Sabolcik, M.	41
Sadekov, M.	17

Sadovskiy, V. D.	271	Schneider, K.	277
Safonova, G. A.	289	Schneider, Richard	299
Safronov, Yu. P.	239	Schnkin, M. N.	20
Sagayev, Sh. S.	14	Scholz, J.	210
Sagel, K.	208	Schulte, K. G.	258
Saghy, Vilmos	49	Schulz, G.	214
Sakata, Sadahiro	281	Schutz, A.	169
Sakharov, P. S.	269	Secomski, Kazimierz	53, 54
Sakirman	122	Sedov, L. I.	302
Salalykin, V. I.	251	Segalin, V. G.	190
Salamon, Jenő	69	Seglin, K.	10, 15
Samlert, H.	258	Segrenski, Aleksey	62
Samsonov, G. V.	158, 163, 164, 271	Seidel, E.	47
Sanger-Bred't, Irene	166	Sekerka, I.	165
Sanna, D.	275	Selyunin, V.	15
Santalov, F. A.	160	Selyutin, V. A.	302
Sapiro, S. I.	219	Semeka, S.	24
Sapozhnikova, R. G.	240	Semenov, A. P.	199
Sarkisov, D. S.	242	Semenov, I.	18
Sarsadskikh, N. N.	272	Semenyutin, I. P.	237
Sasso, Richard	142	Semette, D.	257
Sastordihardjo, Soekardjo	101	Septier, L.	136, 206
Savenko, Yu. N.	17, 27	Serebrennikova, Z. M.	192
Savenkov, B. A.	239	Sergeyev, M. A.	196
Savich, N. A.	147	Sergeyev, P. V.	174
Savichev, S.	178	Sergiyev, P. G.	249
Savilyova, K. T.	262	Serov, V. V.	236
Savin, F. A.	291	Sessarevskiy, A. N.	16
Savitskiy, V. G.	269	Seul, V.	213
Savitskiy, Ye. M.	265, 272	Severdenko, V. P.	270
Schaff, Adam	69	Severnyy, A. B.	283
Scharpenseel, H.	171	Shafer, Yu. G.	302
Scharrer, K.	155	Shagin, P.	193
Schefer, W.	170	Shamis, D. L.	233
Schenck, G. O.	298	Shapiro, A. M.	198
Scherf, G.	43	Shapiro, F. L.	291
Schiebold, E.	270	Shapiro, I. G.	14
Schilling, H.	66	Shapovalov, M. A.	199
Schmidt, A.	169	Sharonov, V. V.	221
Schmidt, Adam	48	Shashkina, V. P.	26
Schmidt, Goglewski	184	Shashkov, V. S.	149
Schmidt, Martin	43	Shashurin, I. P.	294
Schmidt, T.	299	Shaskolskaya, M. P.	295
Schmidt, W.	167, 170	Shatskaya, V. N.	28
Schmiedt, G.	140	Shatsova, R.	146
Schmitt, P.	42	Shaydakov, V. I.	144
Schmutzier, K.	167	Shcheglov, K. M.	197
		Shchegolev, A.	17

Shcherbakova, M. G.	235	Sidel'nikov, V. V.	224
Shcherbina-Samoylova, I.	307	Siegfried, W.	204
Sne, Chieh-yu	255	Sil'man, M. A.	197
Sheftal', N. N.	291	Sim, Sang-nin	125
Shekhter, V. Ya.	292	Simackova, O.	165
Shen, Kuang	99	Simkin, B. A.	265
Shen, Pao-hua	204	Sinayskiy, G. M.	160
Shepelin, O. P.	239	Sinev, O. V.	198
Sheremet, I. V.	246	Sinichenko, A.	200
Shermazanyan, Ya. T.	305	Sinitsyn, V. P.	25
Shestakova, L. B.	240	Sin'yan, Yu.	224
Shestopal, V. M.	61	Sipovskiy, P. V.	241
Shevandin, Ye. M.	273	Sirenko, A. F.	157
Shevyakova, L. A.	309	Sirotkina, M. G.	241
Shibanov, A.	31	Sisakyan, N. M.	249
Shih, Hsueh-tan	295	Siswojo	123
Shih, Shou-pin	117	Siuchninska, Helena	259
Shih, Ssu-ch'un	117	Skorepa, Zdenek	41
Shih, Wan-sui	87	Skornyakov, S.	6
Shik, M. L.	248	Skorov, G.	22
Shilkin, V. Z.	270	Skovoroda, K.	18
Shinderov, L.	253	Skripkin, V. A.	286
Shishakov, V.	306	Skripnichenko, D. F.	244
Shishokin, V. P.	289	Slepek, E. S.	187
Shkilev, A. V.	178	Slezinger, G.	28
Shklovskiy, I. S.	302, 304	Slin'ko, M. G.	160
Shkol'nikov, M. G.	3	Smirnov, L. Ye.	292
Shoji, Tera	279	Smirnov, M. I.	192
Shor, G. I.	189	Smirnova, O. A.	261
Shostakovskiy, M. F.	243	Smirnova, S.	224
Shou, Ching	79	Smirnova-Zamkova, A.I.	238
Shpor, K. K.	190	Smolenskiy, G. A.	287
Shterental', M. I.	202	Smyshlyayeva, L.	18
Shternfel'd, A.	306	Sobakinskikh, V.	17
Shui, Ch'un	113	Sobolev, L. G.	225
Shulkin, G. I.	157	Soedibjo, R.	124
Shumilovskiy, N. N.	188	Sogoyan, I.	151
Shura-Bura, B. I.	153	Sogoyan, N.	151
Shvach, Ye. N.	273	Sokolik, B.	180
Shvarts, Ya. M.	284	Sokolov, G. A.	196
Shvyryayeva, A. M.	220	Sokolov, I. S.	246
Sibalic, O.	260	Sokolov, N.	8
Sibirkin, N. V.	246	Sokolov-Sokolenok, L.	145
Siebel, H.	210	Solitander, H.	70
Siebold, K.	43	Solntseva, N. V.	134
Sidel'kovskaya, F. P.	243	Solodovnikov, V. V.	193
Sidelkovskiy, M. P.	15	Soloveichik, R. E.	227
		Solovev, L. S.	293

Solov'yev, V.	6
Someritis, Stratis	75
Sommacal, B.	278
Sonolke, S.	300
Sorochenko, R. L.	305
Sorokin, M. F.	159
Sorokin, V. K.	270
Sorokina, Z. O.	237
Sosnov, I. D.	16
Sosnova, A. K.	178
Soudain, G.	228
Sovalov, S. A.	178
Speeckaert, P.	280
spektor, E. Z.	199
Spektor, Ya. I.	268
Spitsyn, N. A.	174
Stanczyk, H.	52
Stanyukovich, K. P.	301
Starodubtsev, S. V.	289
Starostin, S. P.	202
Startsev, A.	292
Starzycki, St.	57
Stauffer, W.	276
Stavskiy, P. I.	31
Stefanescu, Gh.	61
Stefanova, Ye. P.	249
Stefanovic, Milutin	66
Steinhardt, K. H.	298
Steinhauer, O.	169
Stekol'nikov, I. S.	178
Stenczinger, Laszlo	50
Stengel, H.	208
Stepanov, B. I.	290
Stepanov, P. N.	17
Stepanov, S.	30
Stepanov, V. E.	147
Stepanovic, Emilija	61
Stern, P.	256
Sternzat, M. S.	224
Stetsenko, N. D.	238
Stindlova, J.	180
Stoletov, V. N.	32
Stoll, N.	276
Storozhik, A. A.	201
Stotskiy, E. D.	157

Stoyanov, Boris	36
Strakhov, S. N.	241
Stranik, J.	40
Strassburger, J. M.	207
Stratilatova, M. B.	309
Strautyn'sh, Ya.	8
Stroppe, H.	270
Stroyev, A. S.	264
Strug, E. M.	266
Strukov, E. V.	21
Strukov, N. A.	11
Styazhkin, N. I.	310
Styblova, Vlada	257
Su, Hsing	77
Suchy, Jan.	181
Sudjono, Hs	124
Sukhodayev, V.	29
Sun, Chiu-te	87
Sun, Hsin-fu	254
Sun, Hui-min	180
Sun, Jui-fan	295
Sung, Ch'ang-chou	204
Sung, Ch'ing-ling	114
Sung, Lin	82
Sung, Shu-jen	109
Sung, Yin-chu	163
Sunkel, Osvaldo	141
Surkov, Yu. A.	164
Sushkov, Yu.	306, 307
Sutaarga, Amir	125
Sutter, M. Jean-Emile	208
Suvorov, I. K.	266
Suvorovskaya, N. A.	245
Suwandi	125
Svadkovskaya, N. F.	261
Svechnikov, S. V.	191
Svede-Shvets, N. I.	264
Sviderskaya, Z. A.	270
Svitil, I.	152
Sychev, I.	13
Syrkus, N. P.	160
Syrotynin, M. M.	305
Syrovatskiy, S. I.	303
Szabo, Bela	216
Szabo, Jozsef	49
Szatanski, B.	57
Sziraki, B.	170
Szpilewicz, A.	60

Szpilewicz, Aleksander 52
Szymanski, Edward 53

- T -

Tabet, Duccio 139
Taft, V. A. 178
Tai, Wen-sai 147
Taksar, I. M. 188, 190
Tal, S. E. 204
Tallian, Ferenc 216
Tambovtsev, S. P. 187
T'an, Ch'i-ling 111
T'an, Wei-han 295
T'ang, Kuan-t'ien 254
T'ang, Sheng-ts'ai 254
T'ao, Lu-chia 111
Tarasov, N. D. 158
Tarasov, N. I. 153
Tarasov, P. 153
Tarasov, V. 24
Taratynova, G. P. 301
Tarchokov, A. 31
Tarnovskiy, I. Ya. 263
Tatochenko, L. K. 188, 189
Teindl, J. 191, 274
Telesov, S. A. 271
Temchenko, M. Ye. 218
Temesi, Alfrad 69
Teng, Chi 84
Teng, Chieh 98
Teng, Shao-tung 100
Teodorovich, G. I. 226
Teodorovich, V. P. 161
Teplov, L. 312
Teplov, V. 17
Terenin, A. N. 163
Terent'yeva, L. N. 31
Terletskiy, Ya. P. 305
Ter-Tartaryan, L. S. 149
Terzic, M. 256
Tesner, P. A. 284
Teumin, I. I. 263
Teverovskiy, B. Z. 196
Thanh, Binh 129
Theil, H. 136
Thibaut, C. G. 207

Tholander, E. 218
Thorez, Maurice 137
Thuy, Xuan 134
Ti, Hsiang-tung 108
Tichler, P. 205
Tichomirova, V. 162
T'ien, Chen-min 119
Tietze, Manfred 43
Timakov, V. D. 249
Timmler, Markus 42
Timofeyeva-Resovskaya, Ye. Ya. 248
Ting, Li-chuen 294
Tishchenko, A. I. 8, 20
Titov, N. V. 3
Titov, V. 30
Tittel, Gustav 44
Tkachenko, A. V. 226
Todorov, R. P. 269
Todorov, T. 253
Togliatti, Palmiro 23, 138
Tokar', E. N. 303
Tokarskaya, V. I. 148
Tolcheyev, B. P. 61
Tolkushkin, V. 17
Toma, D. 60
Tomchuk, P. M. 287
Tomic, Teodor 38
Topchiyev, A. V. 164
Torf, S. F. 243
Toshev, Dinko 36
Tournier, M. 296
Tran, Huu Duc 105
Tran, Huu Giao 107
Trbic, B. 260
Trenkler, H. 209
Tretyakov, F. Ye. 262
Trientes, H. 229
Trnovec, T. 296
Trofimov, V. 28
Trofimova, T. 243
Troshikhin, V. A. 237
Trubitsina, E. 28
Trumic, P. 260
Truong, Chinh 126
Truong, Tan Phat 127
Trzeciakowski, Witold 53
Ts'ao, Hsueh-li 256
Ts'ao, Wen-fei 254

Tsar'kov, P.	13
Tschorn, G.	215
Tsegnid, Sh.	130
Tseitlin, V. Z.	268
Tseng, Chin-yuen	294
Tsetyin, G. S.	309, 310
Tsitsiv, M. V.	202
Tso, Ch'un-t'ai	83
Tsobkallo, S. O.	161
Tsukernik, L. V.	178
Tsung, Tzu-tu	119
Tsvirbo, Yu. A.	173
Tsylev, L. M.	271
Tsyplenkov, A.	160
Tsyarkin, I. Z.	194
Tudjman, Franjo	63
Tulin, S. N.	201
Tulupnikov, A.	6
Tum, P. P.	26
Tur, A. F.	245
Turk, R.	298
Tyablikov, S. V.	34
Tyagul'skiy, P. S.	194
Tylusinski, M.	217
Tyou, P.	166
Tyulpanov, S. I.	23
Tyurmina, L. O.	302
Tzu, H. Y.	294

- U -

Uci, Alfred	62
Udal'tsov, V. A.	305
Uhlig, Harald	75
Ulbrycht, Maria	65
Ul'yanov, R. A.	158
Umar, M. Husseyn	102
Umarov, K.	30
Uralov, N. S.	199
Urazovskiy, S. S.	34
Urbanowicz, H.	57
Usachev, V. V.	252
Usova, A. P.	29
Ustinov, S. S.	307
Ustinov, V. A.	311
Ustin'skiy, A. P.	174
Ust'yanov, V. I.	191
Uzhik, G. V.	265
Uzunov, Angel	67

- V -

Vajda, Imre	50
Vajnstangl, Franjo	39
Valov, A. N.	189
Valukov, P. V.	302
Valyavkin, F. M.	197
Van Dong, Nguyen	181
Van Embden, H. J. Meerkamp	209
Van, Khuyen	106
Van, Quyen	107
Van, Trong	126
Vangengeym, G. Ya.	222
Varaskin, Ya. G.	177
Vargin, A. A.	189
Varin, I. Ye.	250
Varlamov, V. S.	27
Varvarov, N.	306
Vashchenko, K. I.	267
Vashchenko, Z. A.	161
Vasic, B.	256
Vasil'chenko, I.	149
Vasilev, Slavi	37
Vasil'yev, A. A.	15
Vasil'yev, M.	16
Vasil'yev, M. Ya.	283
Vasil'yeva, G. Ya.	147
Vasil'yeva, N. I.	247
Vavpetic, Lado	63
Vaynsteyn, B. I.	160
Vaysman, N. M.	247
Veden'yeva, N. I.	242
Vega, A.	155
Velvart, J.	257
Venikov, V. A.	178
Vera, Y.	155
Verhaegen, G.	280
Verheij, H.	137
Verkhovskiy, B. I.	188
Vernov, S. N.	302, 304
Vershilova, P. A.	249
Veryatin, V. D.	283
Veselov, Yu. F.	194
Vetter, K. J.	171
Vicente, Alonso Zamora	315
Vidrma, J.	205
Vikhert, A. M.	236

Viktorov, A.	2
Viktorov, S. V.	220
Vilenskiy, M.	18
Vilutis, E. S.	288
Vilyamovskaya, M. I.	247
Vince, Imue	50
Vinitaskaya, R. S.	236
Vinogradov, G. V.	219
Vinogradov, P. A.	159
Vishnevskiy, A. A.	3, 237
Vitkevich, V. V.	305
Vladimorova, M. V.	162
Vlasova, Z. A.	241
Vleduts, G. E.	157
Vleumke, F.	59
Voit, R.	210
Volgin, L. N.	195
Volianik, H.	275
Vol'kenshteyn, M. V.	149
Volkogon, G. M.	202
Volkova, K.	33
Volkova, O. V.	235
Vollovskaya, R. N.	240
Volobuyev, V.	223
Volokoff, Dimitri	275
Volosnikov, V. P.	177
Volynskiy, Yu. D.	236
Von Huebbenet, Georg	75
Vorob'yev, A. A.	164
Vorobyev, M. G.	290
Vorobyev, Yu. A.	271
Voronkova, L. F.	220
Voronyuk, A. S.	179
Voskresenskiy, A. I.	226
Vostokova, Ye. A.	26
Voynov, A.	18
Voytenko, M.	24
Vrakin, V.	150
Vrsek, J.	274
Vu, Cong Hoan	107
Vu, Luan	107
Vu, Thien An	129
Vu, Tho	128
Vu, Tuan Kinh	105
Vvedenskiy, B.	297
Vyacheslavov, P. M.	262
Vyalikh, M. F.	251

- W -

Wagner, A.	276
Wahlman, O.	279
Wahlster, M.	215
Walstedt, L.	230
Walter, Paul	277
Walzel, A.	211
Wang, Chih-chiang	295
Wang, Chin	95
Wang, Ching-hsiung	77
Wang, Cho-lin	256
Wang, Chun-ch'in	88
Wang, Chu-shi	294
Wang, Huan-yuan	273
Wang, Jen-ch'ing	255
Wang, K'o-ch'in	141
Wang, Kuei-hsiu	115
Wang, Liao-yung	120
Wang, Li-hsing	256
Wang, Li-li	203
Wang, Lin	294
Wang, Nan	117
Wang, Shih-ch'ang	255
Wang, Shou-kuan	147
Wang, Shou-wu	294
Wang, Shuan	94
Wang, T'ing-shan	77
Wang, Wen-che	116
Wang, Yun-he	203
Wannagat, Ulrich	170
Watanabe	217
Weber, G.	210
Wedin, B.	71
Wegener, K.	281
Wehr, J.	216
Wei, Kang-chih	255
Weichselmann, F. W.	183
Weil, K. G.	171
Weilandt, B.	46
Weise, G.	47
Wen, Hou-hua	132
Wesemann, F.	212
Wetter, O.	155
Wiegand, H.	277
Wilczewski, R.	53
Will, G.	212
Winkler, F.	47

Wippermann, F	229
Wirtz, H.	212
Wirtz, R.	168
Wisniowski, Jerzy	259
Wnuk, Mieczyslaw	52

Wojnar, Jozef	56
Wolf, Joachim	46
Wolf, W.	215
Wondris, E.	213
Woo, Yu-hsun	294
Wu, Ch'ing-yu	108
Wu, Chi-tse	203
Wu, Chun-chou	165
Wu, Jen-kuei	118
Wu, Ning	253
Wu, Ta-jen	133
Wu, Ta-yu	88
Wu, T'ien-i	255
Wullhorst, Bernhard	278
Wunning, J.	299
Wysocki, H.	215

- X -

Xuan, Thao	129

- Y -

Yakhnich, A.	19
Yakhontov, V. V.	19
Yakovlev, B.	30
Yakovlev, N. N.	251
Yakovlev, Yu. P.	272
Yakovlev, Yu. V.	164
Yakushin, B. V.	310
Yamamoto, Yutaka	281, 282
Yanev, V.	35
Yanev, Yanko	62
Yang, Chih-lin	90
Yang, Fei-sheng	110
Yang, Fu-chun	255
Yang, Hsiu	108
Yang, Ko	79
Yang, Li-ming	294
Yang, Tsun-mou	79, 80
Yang, Yung-nien	79
Yano, Takeo	282

Yanus, R. I.	290
Yanushkovskiy, V. A.	188, 190
Yaroshenko, F. D.	73
Yarygin, A. V.	302
Yastrebov, V. D.	301
Yatsunskiy, I. M.	301, 303
Yefimenko, I. I.	174
Yefimov, A.	11
Yefimov, P. L.	227
Yegorov, V. N.	16
Yeh, Tsu-chien	81
Yelagin, A.	9
Yel'iashevich, A. M.	149
Yelyutin, V.	33
Yemelin, K. I.	193
Yemel'yanov, P. I.	150
Yen, Ping-chih	255
Yen, Tzu-yuan	108
Yeremenko, V. N.	163, 264
Yeremeyev, V. F.	236
Yermakov, V.	28
Yermol'yeva, Z. V.	242
Yershov, N. S.	144
Yevreinov, E. V.	311
Yevstafeyev, S. V.	7
Yi, Kol'mo	103
Yi, Tong-gun	103
Yin, Tzu-ming	111

Ying, Ling	114
Yu, Kuo.-jui	254
Yu, Ming-huei	132
Yu, Tung-li	93
Yuan, Fang	117
Yudin, E. Ya.	239
Yueh, Yuan-pao	131
Yuferova, Ye. K.	173
Yukitaka	217
Yurkevich, A. P.	286
Yur'yev, V. Ya.	33
Yutaka, Fukushima	102
Yutkin, L. A.	187

- Z -

Zaborenko, K. B.	162
Zagurskiy, V. I.	198
Zaikov, M. A.	266

Zajic, V.	174
Zakharov, A. L.	177
Zakharov, P. V.	145
Zakharov, V. F.	269
Zakharova, A. F.	33
Zakharova, V.	14
Zalewski, Jan	176
Zal'tsman, L.	6
Zaludova, Aneska	231
Zandigiacomi, Ninetta	139
Zapivakhin, A.	6
Zaslavskiy, Yu. S.	189
Zasorina, L. N.	309
Zatt, J. H.	205
Zavadovskaya, Ye, K.	164
Zavalishin, N.	24, 28
Zavgorodniy, A. Ya.	267
Zdrodovskiy, P. F.	249
Zegzhda, V. F.	200
Zehe, K.	169
Zelevnov, A. N.	263
Zel'kin, G. G.	307
Zhadrinskiy, S. V.	199
Zhavoronkov, V. G.	193
Zhdanov, V. M.	245
Zhdanova, G. I.	26
Zheludev, I. S.	288
Zherebtsov, P.	150
Zhidelev, M.	31
Zhivilin, N.	6
Zhorov, I. S.	243
Zhuk, A.	28
Zhukov, A. A.	267
Zhumatov, Kh, Zh.	233
Zhuzgov, L. N.	302
Zieber, Paul	20
Ziegelmeyer, E.	154
Zielinski, J.	56
Zikeyeva, A. I.	251
Zimont, L.	24
Zimovets, B. A.	130
Zinger, Harry	73
Zivkovic, Iliya	66
Zlobin, O. A.	189
Zlomanov, L.	19
Zokic, Lazar	66

Zolotuchin, V. K.	145
Zonsliayn, S.	306
Zubko, A. M.	263
Zubowicz, Teodor	185
Zuczkievich, Z.	51
Zudilova, G. V.	264
Zukrowski, L.	56
Zuyev, V. S.	179
Zuyev, V. Ye.	289

INFORMATION ON COVER-TO-COVER TRANSLATIONS

(Received During June)

Atomnaya Energiya, Vol VIII, No 2/3, 1960.	CB
Avtomatika i Telemekhanika, Vol XXI, No 11, 1960.	ISA
Biokhimiya, Vol XXV, No 6, 1960.	CB
Byulleten' Eksperimental'noy Biologii i Meditsiny, Vol L, No 10/11, 1960.	CB
Entomologicheskoy Obozreniye, Vol XXXIX, No 4, 1960.	AIBS
Fizika Tverdogo Tela, Vol II, No 12, 1960.	AIP Sov Phys - Solid State Vol II, No 12
Fiziologicheskii Zhurnal SSSR, imeni I. M. Sechenova, Vol XLVI, No 11, 1960.	PP
Fiziologiya Rasteniy, Vol VII, No 5, 1960.	AIBS
Geodeziya i Kartografiya, No 1-12, 1959.	AGU
Geodeziya i Kartografiya, No 1/2, 1960.	AGU
Geologiya Nefti i Gaza, Vol III, No 8-A, 8-B, 1959.	RRG
Hua-hsueh Shih-chieh (Chemistry World), No 12, 10 Dec 1959.	JPRS 7821
Izvestiya Akademii Nauk SSSR, Seriya Fizicheskaya, Vol XXIV, No 5, 1960.	CTT
Izvestiya Vysshikh Uchebnykh Zavedeniy, Seriya Radiofizika, Vol III, No 6, 1960.	JPRS 7372
Izvestiya Vysshikh Uchebnykh Zavedeniy, Seriya Radiotekhnika, Vol III, No 3, 1960.	JPRS 7380
Kinetika i Kataliz, Vol I, No 1, 1960.	CB
Koks i Khimiya, No 12, 1960.	CTRA
Metallurg, No 4, 1960.	Asta Metallurgica

Mikrobiologiya, Vol XXIX, No 5, 1960.

AIBS

Optika i Spektroskopiya, Vol X, No 2, 1961.

OSA

Priborostroyeniye, No 1, 1961.

Taylor & Francis

Prikladnaya Matematika i Mekhanika, Vol XXIV, No 4/5, 1960.

PP

Radiobiologiya, Vol I, No 1, 1961, (NY-6534).

*JPRS

Stanki i Instrument, Vol XXXI, No 12, 1960.

PERA

Svarochnoye Proizvodstvo, No 5, 6, 8, 1960.

BWRA

Uspekhi Matematicheskikh Nauk, Vol XV, No 5, 1960.

Cleaver-Hume Press

Vestnik Mashinostroyeniya, Vol XL, No 6, 1960.

PERA

Vestnik Svyazi, No 1, 1955.

JPRS 7084

Vestnik Svyazi, No 2, 1955.

JPRS 7085

Vestnik Svyazi, No 3, 1955.

JPRS 7086

Vestnik Svyazi, No 4, 1955.

JPRS 7087

Vestnik Svyazi, No 6, 1955.

JPRS 7089

Vestnik Svyazi, No 1, 1956.

JPRS 7072

Vestnik Svyazi, No 4, 1956.

JPRS 7069

Vestnik Svyazi, No 12, 1956.

JPRS 7060

Vestnik Svyazi, No 3, 1957.

JPRS 7027

Vestnik Svyazi, No 4, 1957.

JPRS 7028

Vestnik Svyazi, No 6, 1957.

JPRS 9215

Vestnik Svyazi, No 1, 1961, (NY-6442).

*JPRS

Vestnik Svyazi, No 2, 1961, (NY-6443).

*JPRS

Vestnik Svyazi, No 3, 1961, (NY-6444).	*JPRS
Vestnik Svyazi, No 4, 1961, (NY-6445).	*JPRS
Vestnik Svyazi, No 5, 1961, (NY-6552).	*JPRS
Vestnik Vozdushnogo Flota, No 11, 1960. 9662461	ATIC
Voyenno Meditsinskiy Zhurnal, No 2, 1961.	JPRS 9303
Zavodskaya Laboratoriya, Vol XXVI, No 11, 1960.	ISA
Zhurnal Eksperimental'noy i Teoreticheskoy Fiziki, Vol XL, No 1, 1961.	AIP Sov Phys - JETP Vol XIII, No 1
Zhurnal Fizicheskoy Khimii, Vol XXXIV, No 8, 1960.	Cleaver-Hume Press
Zhurnal Neorganicheskoy Khimii, Vol II, No 5, 1957.	AEC Tr 4055
Zhurnal Neorganicheskoy Khimii, Vol II, No 11, 1957.	AEC Tr 4061
Zhurnal Obshchey Khimii, Vol XXX, No 5, 1960.	CB
Zhurnal Prikladnoy Khimii, Vol XXXIII, No 6, 1960.	CB
Zhurnal Strukturnoy Khimii, Vol I, No 1, 1960.	CB
Zhurnal Tekhnicheskoy Fiziki, Vol XXX, No 12, 1960.	AIP Sov Phys - Tech Phys Vol V, No 12

* * *

UNCLASSIFIED
Central Intelligence Agency



Washington, D.C. 20505

7 September 2004

Ms. Roberta Schoen
Deputy Director for Operations
Defense Technical Information Center
7725 John J. Kingman Road
Suite 0944
Ft. Belvoir, VA 22060

Dear Ms. Schoen:

In February of this year, DTIC provided the CIA Declassification Center with a referral list of CIA documents held in the DTIC library. This referral was a follow on to the list of National Intelligence Surveys provided earlier in the year.

We have completed a declassification review of the "Non-NIS" referral list and include the results of that review as Enclosure 1. Of the 220 documents identified in our declassification database, only three are classified. These three are in the Release in Part category and may be released to the public once specified portions of the documents are removed. Sanitization instructions for these documents are included with Enclosure 1.

In addition to the documents addressed in Enclosure 1, 14 other documents were unable to be identified. DTIC then provided the CDC with hard copies of these documents in April 2004 for declassification review. The results of this review are provided as Enclosure 2.

We at CIA greatly appreciate your cooperation in this matter. Should you have any questions concerning this letter and for coordination of any further developments, please contact Donald Black of this office at (703) 613-1415.

Sincerely,

A handwritten signature in dark ink, appearing to read "Sergio N. Alcivar".

Sergio N. Alcivar
Chief, CIA Declassification Center,
Declassification Review and Referral
Branch

Enclosures:

1. Declassification Review of CIA Documents at DTIC (with sanitization instructions for 3 documents)
2. Declassification Status of CIA Documents (hard copy) Referred by DTIC (with review processing sheets for each document)

UNCLASSIFIED



Processing of OGA-Held CIA Documents

The following CIA documents located at DTIC were reviewed
by CIA and declassification guidance has been provided.

OGA Doc ID	Job Num	Box	Fldr	Doc	Doc ID	Document Title	Pub Date	Pages	Decision	Proc Date
AD0834505	78-03109A	49	1	1	36	Consolidated Translation Survey For December 1960	12/1/1960	240	Approved For Release	3/25/2004
AD0834506	78-03109A	49	1	2	37	Consolidated Translation Survey For January 1961	1/1/1961	318	Approved For Release	3/25/2004
AD0834340	78-03109A	49	1	3	38	Consolidated Translation Survey For February 1961	2/1/1961	363	Approved For Release	3/25/2004
AD0834341	78-03109A	49	1	4	39	Consolidated Translation Survey For March 1961	3/1/1961	206	Approved For Release	3/25/2004
AD0834342	78-03109A	49	1	5	40	Consolidated Translation Survey For April 1961	4/1/1961	411	Approved For Release	3/25/2004
AD0834343	78-03109A	49	1	6	41	Consolidated Translation Survey For May 1961	5/1/1961	327	Sanitized	3/25/2004
AD0834344	78-03109A	49	1	7	42	Consolidated Translation Survey For June 1961	6/1/1961	364	Approved For Release	3/25/2004
AD0834345	78-03109A	49	1	8	43	Consolidated Translation Survey For July 1961	7/1/1961	303	Approved For Release	3/25/2004
AD0834346	78-03109A	50	1	1	44	Consolidated Translation Survey For August 1961	8/1/1961	349	Approved For Release	3/25/2004
AD0834347	78-03109A	50	1	2	45	Consolidated Translation Survey For September 1961	9/1/1961	299	Approved For Release	3/25/2004
AD0834348	78-03109A	50	1	3	46	Consolidated Translation Survey For October 1961	10/1/1961	252	Approved For Release	3/25/2004
AD0834349	78-03109A	50	1	4	47	Consolidated Translation Survey For November 1961	11/1/1961	285	Approved For Release	3/25/2004
AD0834350	78-03109A	50	1	5	48	Consolidated Translation Survey For December 1961	12/1/1961	362	Approved For Release	3/25/2004
AD0834351	78-03109A	50	1	6	49	Consolidated Translation Survey For January 1962	1/1/1962	341	Approved For Release	3/25/2004
AD0834352	78-03109A	50	1	7	50	Consolidated Translation Survey For February 1962	2/1/1962	323	Approved For Release	3/25/2004
AD0834353	78-03109A	51	1	1	51	Consolidated Translation Survey For March 1962	3/1/1962	401	Approved For Release	3/25/2004
AD0834354	78-03109A	51	1	2	52	Consolidated Translation Survey For April 1962	4/1/1962	423	Approved For Release	3/25/2004
AD0834355	78-03109A	51	1	3	53	Consolidated Translation Survey For May 1962	5/1/1962	387	Approved For Release	3/25/2004
AD0834356	78-03109A	51	1	4	54	Consolidated Translation Survey For June 1962	6/1/1962	391	Approved For Release	3/25/2004
AD0834357	78-03109A	51	1	5	55	Consolidated Translation Survey For July 1962	7/1/1962	396	Approved For Release	3/25/2004
AD0834358	78-03109A	51	1	6	56	Consolidated Translation Survey For August 1962	8/1/1962	475	Approved For Release	3/25/2004
AD0834359	78-03109A	52	1	1	57	Consolidated Translation Survey For September 1962	9/1/1962	245	Approved For Release	3/25/2004
AD0834360	78-03109A	52	1	2	58	Consolidated Translation Survey For October 1962	10/1/1962	228	Approved For Release	3/25/2004
AD0834361	78-03109A	52	1	3	59	Consolidated Translation Survey For November 1962	11/1/1962	274	Approved For Release	3/25/2004
AD0834362	78-03109A	52	1	4	60	Consolidated Translation Survey For December 1962	12/1/1962	265	Approved For Release	3/25/2004
AD0834363	78-03109A	52	1	5	61	Consolidated Translation Survey For January 1963	1/1/1963	270	Approved For Release	3/25/2004