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CONSOLIDATED
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SURVEY

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CONSOLIDATED TRANSLATION SURVEY

FOR SEPTEMBER 1959

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CONSOLIDATED TRANSLATION SURVEY

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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, repository identification of the original documents, 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 (*).

ABBREVIATIONS

ACSI	Assistant Chief of Staff, Intelligence, Dept of Army
ABC	Atomic Energy Commission
AF	Dept of Air Force
AIBS	American Institute of Biological Sciences
AIP	American Institute of Physics
AMS	Army Map Service
ARDC	Air Research and Development Command
ATIC	Air Technical Intelligence Center
ATS	Associated Technical Services
BISI	British Iron and Steel Institute
bk	book
bul	bulletin
BuShips	Bureau of Ships, Dept of Navy
CB	Consultants Bureau
CCT	Consultants Custom Translations
Co-op Tr Sch	Co-operative Translation Scheme
d np	daily newspaper (s)
doc	document
EDC	Estimated date of completion
encl	enclosure
525th MI Gp	525th Military Intelligence Group, Dept of Army
FBIS	Foreign Broadcast Information Service
handbk	handbook
HB	Henry Bratcher
ID	Intelligence Document
jour	journal
JPRS	Joint Publications Research Service
LC	Library of Congress
LLU	Lending Library Unit
MDF	Morris D. Friedman
MEE	Mark E. Burgunker
MIT	Massachusetts Institute of Technology
NASA	National Aeronautics Space Administration
NIH	National Institutes of Health
NRL	Naval Research Laboratory, Dept of Navy
NSF	National Science Foundation
OIN	Ordnance Intelligence Number
ONI	Office of Naval Intelligence, Dept of Navy
OTIA	Ordnance Technical Intelligence Agency
per	periodical
PP	Pergamon Press
PS	Primary Sources
publ	publication, published
RIS	Research Information Service
rpt	report
Sci Mus Lib	Science Museum Library
supple	supplement
Tr (Trans)	Translation
USACRAPAC	US Army Command Reconnaissance Activities Pacific Command
USASIA	US Army Signal Intelligence Agency
USDA	US Department of Agriculture
USIS	US Information Service
yrbk	yearbook
* (asterisk)	projects in process

R E Q U E S T S F O R C O P I E S

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

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

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ID
OTIA
319th MI Bn

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Intelligence Documents Branch
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Navy

NRL
ONI

Department of Navy
Office of Naval Intelligence
Washington 25, DC

Dept of State

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

AF
AID
ATIC

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

Atomic Energy Commission
Order copies from:

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Amer Meteorol Soc, for Geophys Res Dir, ASTIA

Armed Services Technical Information Agency
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Dept of Commerce

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

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

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

Dept of Interior

Dept of Interior
Library
Washington 25, DC

Bureau of Reclamation
Technical Library
Denver, Colorado

NIH

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

USDA

Department of Agriculture
ATTN: Mr Clarence M. Purves, FAS
Room 5506
14th and Independence Avenue, NW
Washington 25, DC

Rand Corp

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

AGU

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

AIBS

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

AIP

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

CB
CCT

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

Columbia Tech

Columbia Technical Translations
5 Vermont Avenue
White Plains, New York

HB

Henry Krutcher Technical Translations
PO Box 157
Altadena, California

Internatl Arts and Sci Press

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

MEB

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

PP

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

Rev of Russian Geol

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

ACSIL

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

AERE Harwell Lib

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

Aluminium Lab, Ltd

The Aluminium Laboratories, Ltd
Banbury
Oxfordshire, England

BISI

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

DSI (British)

RAE

TIL

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

DSIR LLU

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

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P R O J E C T S R E P O R T E D
F O R S E P T E M B E R 1 9 5 9

USSR

Economic

Industrial Prospects. Radioactive Isotopes -- Important Uses in Automation and Mechanization of Industrial Processes, by V. Emel'yanov, P. Savitskiy.

RUSSIAN, bk, Eto Delo Perspektivnoe. Radio-aktivnye Isotopy -- Vazhnoe Sredstvo Avtomatizatsii i Mekhanizatsii, Jul 1959.

*AEC

Organization and Techniques of Foreign Trade of the USSR, by P. A. Chervyakov, 374 pp.

RUSSIAN, bk, Organizatsiya i Tekhnika Vneshney Torgovli SSSR, 1958, pp 1-295.

JPRS-1883-N

Principals of Production of Gas Filled Plastics and Elastomers, by A. A. Berlin, 207 pp.

RUSSIAN, bk, Osnovy Proizvodstva Gazonapolnennykh Plastmass i Elastomerov, Moscow, 1954, 190 pp.

ATIC F-TS-9438/III

Development of the Aluminum Industry of the USSR, by I. M. Gratsershteyn, (DC-3045).

RUSSIAN, bk, Razvitiye Alyuminiyevoy Prom SSSR, 1959, pp 45-160.

*JPRS

Ports, by Ye. Ye. Arkhipov, I. A. Ittenberg, S. A. Postnikov, 48 pp.

RUSSIAN, bk, Rechnoy Transport SSSR, 1917-1957, 1957, pp 186-232.

JPRS-L-1849-D

Ship Building and Ship Repair, by N. M. Belov, M. F. Konnov, Ya. L. Levin, N. F. Rukavishnikov, 47 pp.

RUSSIAN, bk, Rechnoy Transport SSSR, 1917-1957, 1957, pp 235-286.

JPRS-L-1849-D

USSR

Economic (Contd)

Waterways, by S. A. Zernov, N. A. Domanevskiy,
S. I. Sukhariv, 48 pp.

RUSSIAN, bk, Rechnoy Transport SSSR 1917-1957,
1957, pp 289-334.

JPRS-L-1849-D

Means of Communication, by D. K. Sukhov, 8 pp.
RUSSIAN, bk, Rechnoy Transport SSSR 1917-1957,

1957, pp 335-340.

JPRS-L-1849-D

Construction, by B. V. Yegorov, V. M. Balanin,
G. M. V'yuntsov, N. Ye. Karasev, L. P. Lavrinovich,
V. G. Trufanov, 43 pp.

RUSSIAN, bk, Rechnoy Transport SSSR 1917-1957,
1957, pp 343-386.

JPRS-L-1849-D

Labor and Cadres, by B. A. Kalinin, K. N.
Kolichenko, V. S. Protasov, P. P. Sidorov, 41 pp.
RUSSIAN, bk, Rechnoy Transport SSSR 1917-1957,

1957, pp 389-430.

JPRS-L-1849-D

Science, by L. A. Ivanov, V. P. Kuznetsov,
42 pp.

RUSSIAN, bk, Rechnoy Transport SSSR 1917-1957,
1957, pp 433-472.

JPRS-L-1849-D

The Driver's Role in Vehicle Utilization, by
A. V. Karyagin, 5 pp.

RUSSIAN, bk, Ustroystvok Obsluzhivaniye i
Pravila Dvizheniya Avtomobiley, 1958, Moscow,
pp 13-15.

525th MI Gp,
H-4646

Influence of Drought Upon the Potato Yield, by
A. I. Rudenko.

RUSSIAN, bk, Zasukhi v SSSR, Ikh Proiskhozhdenie,
Povtoriyeemost' i Vliyanie na Urozhai, 1958,
pp 71-86. 9042512

USDA

Selected Translations on Soviet Agriculture
(Including Crops, Implements, and Livestock),
(DC-2700/5).

RUSSIAN, np, per.

*JPRS

USSR
Economic (Contd)

Selected Translations on the Soviet Construction and Building Materials Industry, (NY-2800/6).

RUSSIAN, np, per, 1959.

*JPRS

Acceptance Testing - An Indispensable Phase in Engine Manufacture.

RUSSIAN, per, Aviatsionnaya Prom, No 6, 1948, pp 41-43.

*AID

Determination of the Rational Sequence and Amount of Automation in Production Processes, by V. L. Lossievskiy.

RUSSIAN, per, Avtom Proiz Protsessov, No 2, 1958, pp 83-93.

LIU Tr Bul Aug 1959

1. IAZ-695 Intercity Bus; 2. MOSKVICH-423 Well Used as a Taxi; 3. MOSKVICH Models for 1958; 4. RAF-10 Small Bus; 5. SKODA-1201 Automobile; 6. PRAGA-S5T Truck, 4 pp.

RUSSIAN, per, Avtomobil Trans, No 4, 1958.

525th MI Gp,
H-4598

Economic Problems of Garage Construction, by L. Davidovich, 10 pp.

RUSSIAN, per, Avtomobil Trans, No 6, 1958, pp 32-35.

ACSI, H-4525

Prospectives of Development of the Automotive Industry in the USSR, by V. Selifonov, 6 pp.

RUSSIAN, per, Avtomobil Trans, No 12, 1958, pp 4, 5.

ACSI, H-3522, A

Central Tire Pressure Control System, by G. Armand, G. Pral, 5 pp.

RUSSIAN, per, Avtomobil Trans, No 12, 1958, pp 29-32.

ACSI, H-3522, B

The Development of Livestock in the USSR During the Seven-Year Plan Period, by F. Krest'yaninov, (DC-2700/6)

RUSSIAN, per, Ekon Sel'skogo Khoz, No 4, 1959, pp 10-20.

*JPRS

USSR

Economic (Contd)

Basic Results in Construction During 1958, by
A. Ginzburg, 3 pp.

RUSSIAN, per, Ekonomika Stroitel'stva, No 4,
1959, pp 8-16.

JPRS-1866-N

The Iron Ore Base of Central Kazakhstan, by
I. S. Shapiro, (NY-3000/5).

RUSSIAN, per, Gornyy Zhur, No 8, 1959, pp 6-9.

*JPRS

Joyous Results, Proud Outlooks, by K. Sharapov,
5 pp.

RUSSIAN, per, Grazhdanskaya Aviatsiya, No 11,
1958, pp 3-5.

ATIC MCL-1/V

Big Deeds of "Small" Aviation, by Klara Belik,
6 pp.

RUSSIAN, per, Grazhdanskaya Aviatsiya, No 11,
1958, pp 5-7.

ATIC MCL-1/V

New Jig for TU-104 at Aircraft-Repair Establish-
ments, 3 pp.

RUSSIAN, per, Grazhdanskaya Aviatsiya, No 1, May
1959.

AF 1255777

The Introduction of Advanced Measuring Equipment
and Instruments for the Automation of the Control
and Regulation of Production Processes Is an
Important Task for the National Economy,
(NY-3000/4).

RUSSIAN, per, Izmeritel'naya Tekhnika, No 6,
1959, pp 1-4.

*JPRS

The Automobile Everybody Is Waiting For, 4 pp.
RUSSIAN, np, Izvestiya, 31 Mar 1959.

AF 1255885

This Method Has a Great Future, 5 pp.

RUSSIAN, np, Izvestiya, 8 May 1959.

AF 1255874

Direct Iron Production From Ore Without Blast
Furnace, by N. N. Dobrokhtov, K. E. Makhorin.
RUSSIAN, per, Iz Vysshikh Uchebnykh Zavedeniy,
Chern Met, No 10, 1958, pp 3-13.

HB 4614

USSR
Economic (Contd)

Soviet Radio Components, (NY-2944).

RUSSIAN, per, Iz Vysshikh Uchebnykh Zavedeniy,
Radiotekhnika, No 3, May/Jun 1959, pp 267-282.

*JPRS

The Hungarian Nonferrous Metals Industry, by A. I.
Belyayev, I. L. Perlin, (NY-3001/3).

RUSSIAN, per, Iz Vysshikh Uchebnykh Zavedeniy,
Tsvetnaya Metallurgiya, No 6, 1958, pp 143-146.

*JPRS

Production of Refrigerating Plant in the USSR,
by I. Celler.

RUSSIAN, per, Kholodil'naya Tekh, No 2, 1959,
pp 47-50.

LIU Tr Bul Aug 1959

Modernization of Equipment -- An Important
Factor in Technological Progress, by A. Prokopo-
vich, (NY-3000/5).

RUSSIAN, per, Kommunist, No 8, 1959, pp 37-44.

*JPRS

Is Capital Repair of Equipment Necessary?, by
A. Vladziyevskiy, M. Yakobson, (NY-3000/5).

RUSSIAN, per, Kommunist, No 9, 1959, pp 35-39.

*JPRS

Toward Broad Automation of Chemical Production,
(NY-3000/4).

RUSSIAN, per, Mekh i Avtomat Proiz, No 5, 1959,
pp 3-5.

*JPRS

Problems in the Further Development of Over-All
Mechanization and Automation of Construction,
(NY-2900/6).

RUSSIAN, per, Mekh Stroi, No 8, 1959, pp 1-3.

*JPRS

The 1958 Plan of Work by the All Union Scien-
tific Research Institute for the Meat Industry
(VNIIMP).

RUSSIAN, per, Myasnaya Industriya SSSR, Vol XXIX,
No 3, p 54.

DSIR LIU RTS 1191

The Coal and Petroleum of Kazakhstan, by M.
Isenov, (NY-3000/5).

RUSSIAN, per, Narodnoye Khoz Kazakh, No 4,
1959, pp 20-27.

*JPRS

USSR
Economic (Contd)

Nonferrous Metallurgy and Technological Progress, by B. Novozhilov, (NY-3001/2).
RUSSIAN, per, Narodnoye Khoz Kazakhstan,
No 4, 1959, pp 28-31. *JPRS

Course of the Development of Machine Building in the Republic, by A. Baranov, R. Petukhov, (NY-3000/4).
RUSSIAN, per, Narodnoye Khoz Kazakhstan,
No 5, 1959, pp 18-24. *JPRS

We Will Fulfill the First Year of the Seven-Year Plan Ahead of Schedule, by V. Fel'dman, M. Maslov, (NY-3001/2).
RUSSIAN, per, Narodnoye Khoz Kazakhstan,
No 5, 1959, pp 35-40. *JPRS

Over-All Mechanization and Automation of Production -- A Deciding Factor in the Successful Fulfillment of the Seven-Year Plan, by P. Boldyrev, (NY-3000/5).
RUSSIAN, per, Narodnoye Khoz Kazakhstan,
No 6, 1959, pp 3-7. *JPRS

Expansion of the Oil and Gas Industries of the Ukrainian SSR in 1959-1965, by N. A. Gorev, V. M. Bayevich, (NY-3000/5).
RUSSIAN, per, Neft Khoz, No 7, 1959, pp 7-12. *JPRS

Reserves for Increasing Labor Productivity in the Oil Industry, by V. P. Kaufman, P. N. Kuz'mov, (NY-3000/5).
RUSSIAN, per, Neft Khoz, No 7, 1959, pp 12-17. *JPRS

Economics and Culture of Soviet Kazakhstan During the Seven-Year Plan, by T. Tulebayev, (NY-3000/4).
RUSSIAN, per, Plan Khoz, No 4, 1959, pp 66-71. *JPRS

Distribution of Industrial Production Under the Seven-Year Plan, by N. Oznobin, (NY-3000/5).
RUSSIAN, per, Plan Khoz, No 7, 1959, pp 59-69. *JPRS

USSR
Economic (Contd)

The Blazing Torches Are on the Increase, 4 pp.
RUSSIAN, np, Pravda, 2 Jan 1959.

AF 1255878

Something New in Leningrad Housing Construction,
by N. Rodionov, 5 pp.
RUSSIAN, np, Pravda, 1 Jun 1959, pp 6-11.

JPRS-1866-N

The Ural Atom Power Plant.
RUSSIAN, np, Pravda, 29 Aug 1959, p 1.

*AID

Plant News, (NY-2900/6).
RUSSIAN, per, Prom Energet, No 6, 1959, p 42.

*JPRS

Domestic Heavy-Current Capacitor Manufacturing
on the Level of Contemporary Tasks, by M. I.
Kireyev, (NY-2900/6).
RUSSIAN, per, Prom Energet, No 8, 1959, pp 6-8.

*JPRS

Concerning M. I. Kireyev's Article "Domestic
Heavy-Current Capacitor Manufacturing on the
Level of Contemporary Tasks," by M. M. Morozov,
(NY-2900/6).
RUSSIAN, per, Prom Energet, No 8, 1959, pp 8-10.

*JPRS

Some Problems in Making Standard Designs for
Thermal Electric Power Stations, by A. A.
Sedov, 12 pp.
RUSSIAN, per, Prom Stroitel, No 5, 1959,
pp 6-11.

JPRS-1866-N

Build Open-Type Thermal Electric Power Stations,
by L. A. Ludkevich, 4 pp.
RUSSIAN, per, Prom Stroitel, No 5, 1959,
pp 22-26.

JPRS-1866-N

Bauxite Deposits in the Northern Part of the
Western Siberian Plain, by V. V. Vdovin,
(NY-3001/3).
RUSSIAN, per, Razvedka i Okhrana Nedr, No 4,
1959, pp 4-6.

*JPRS

USSR
Economic (Contd)

Twenty-Five Years of Existence of the Aral
Region Experimental Station, by Yu. I. Kirilov,
G. E. Shmarayev.

RUSSIAN, per, Selek i Semen, Vol XXIII, No 5,
Sep/Oct 1958, pp 25-30. 9042526

USD.

Construction of Mining Enterprises in Non-
ferrous Metallurgy During 1959-1965, by
Tyuryakov, (NY-3001/2).

RUSSIAN, per, Shakhtnoye Stroitelstvo, No 3,
1959, pp 6-9.

*JPRS

On the Longest Airway (From Leningrad to Vladivo-
stok in 9 Flying Hours), by G. Smirnov, 4 pp.
RUSSIAN, np, Sovet Aviatsiya, No 121, 26 Mar 1959,
p 4. 649243

ATIC MCL-250/V

Open Hearth Furnace Performance and Capacity,
(NY-2945).

RUSSIAN, per, Stal, No 7, 1959, pp 604-614.

*JPRS

The Development of Industrial Television in
the USSR, (NY-3000/4).

RUSSIAN, per, Tekhnika Kino i Televideniya,
No 7, 1959, pp 1-4.

*JPRS

The Smallest (Automobile), by Yu. Dolmatov-
skiy, 3 pp.

RUSSIAN, per, Tekh Molodezhi, No 5, 1959,
pp 19-21.

OTIA Tr 33

How Can We Produce Substances Which Are
Harder Than Diamonds, by S. Gushchev.

RUSSIAN, per, Tekh Molodezhi, No 6, 1959,
pp 7-9.

*ATIC MCL-351/III

The Windrower, by I. Georgiyevskiy, (DC-2700/6).

RUSSIAN, per, Tekhnika v Sel'skom Khozyaystve,
No 7, 1959, pp 47-49.

*JPRS

Improvement of Power Station Economy by Fuel
Drying, by N. M. Mikhaylov.

RUSSIAN, per, Tsipoenergetika, Vol IV, No 2,
1957, pp 20-23.

DSIR LLU M.456

USSR
Economic (Contd)

Determining the Production Costs of Complex Raw Material in Zinc Plants, by I. M. Gratser-shteyn, L. A. Mezinskaya, (NY-3001/3).
RUSSIAN, per, Tsvetnyye Metally, No 5, 1959, pp 10-15.

*JPRS

Concentrating Aluminum Ores, by A. V. Penin, (NY-3001/3).
RUSSIAN, per, Tsvetnyye Metally, No 5, 1959, pp 22-24.

*JPRS

How Further to Improve and Intensify the Electrorefining of Copper, by A. I. Levin, V. I. Vlasov, (NY-3001/3).
RUSSIAN, per, Tsvetnyye Metally, No 5, 1959, pp 32-37.

*JPRS

Over-All Automation of a Bauxite Wet Grinding Department, by V. I. Gusarov, A. M. Samoylin, (NY-3001/2).
RUSSIAN, per, Tsvetnyye Metally, No 6, 1959, pp 26-30.

*JPRS

Dust From Lead Production as One of the Sources of Obtaining Dispersed Elements, by M. A. Vinogradova, (NY-3001/2).
RUSSIAN, per, Tsvetnyye Metally, No 6, 1959, pp 39-41.

*JPRS

Development of Open-Pit Extraction in the Kuzbass, by K. M. Zvyagintseva, 7 pp.
RUSSIAN, per, Ugol', No 7, 1959, pp 8-10.

JPRS-L-978-N

The Development of the Coal Industry in the Kazakh SSR, by A. G. Tkachenko, 13 pp.
RUSSIAN, per, Ugol', No 7, 1959, pp 25-30.

JPRS-L-978-N

Raising Labor Productivity and Reducing Cost in the Concentrating of Coal at Concentration Mills, by V. A. Malinovskiy, 12 pp.
RUSSIAN, per, Ugol', No 7, 1959, pp 50-55.

JPRS-L-978-N

USSR
Economic (Contd)

Measures for Sharp Curtailment of Output of Anthracite Fines in the Donbass, by V. A. Margolin, 11 pp.

RUSSIAN, per, Ugol', No 7, 1959, pp 55-58.

JPRS-L-978-N

The Nephelines of Central Kazakhstan as Resources of Aluminum for the Pavlodar Plant, by V. K. Mnich, A. N. Nurlybayev, (NY-3001/3).
RUSSIAN, per, Vest Ak Nauk Kazakh SSR, No 5, 1959, pp 3-9.

*JPRS

Raise the Work of Scientific Agricultural Institutions to the Level of the New Problem, by P. P. Lobanov.

RUSSIAN, per, Vest Sel'skokhoz Nauk, Vol IV, No 3, 1959, pp 3-18. 9042488

USDA

Certain Regularities in the Inheritance of the Capacity for Producing Milk of High Fat Content, by R. P. Zhebenka.

RUSSIAN, per, Vest Sel'skokhoz Nauk, Vol IV, No 3, 1959, pp 59-65. 9042494

USDA

Methods of Working Out Seven-Year Plans for Kolkhozes, by G. K. Rusakov, (DC-2700/6).

RUSSIAN, per, Vest Sel'skokho Nauk, No 5, 1959, pp 11-20.

*JPRS

Separate Three-Stage Harvesting of Grain Crops, by I. Zhegalov, (DC-2700/6).

RUSSIAN, per, Vest Sel'skokhoz Nauk, No 6, 1959, pp 98-107.

*JPRS

Statistical Materials - Development of Industrial Production by Union Republics, (NY-2976).

RUSSIAN, per, Vest Statistiki, No 6, 1959, pp 81-96.

*JPRS

Grading Meat Carcasses According to Fatness, by V. A. Kuznetsov.

RUSSIAN, per, Veterinariya, Vol XXXV, No 6, 1958, pp 34-37.

DSIR LLU RTS 1190

USSR
Economic (Contd)

In the Scientific-Technical Council of the USSR
Ministry of Agriculture.

RUSSIAN, per, Veterinariya, Vol XXXVI, No 5,
1959, pp 85-89. 9042521

USDA

Through the Soviet Union.

RUSSIAN, per, Veterinariya, Vol XXXVI, No 5,
1959, pp 90-95. 9042522

USDA

In the USSR Ministry of Agriculture.

RUSSIAN, per, Veterinariya, Vol XXXVI, No 6,
1959, pp 87-90. 9042533

USDA

Through the Soviet Union.

RUSSIAN, per, Veterinariya, Vol XXXVI, No 6,
1959, pp 94-96. 9042531

USDA

Economic Effectiveness of Herbicides on Winter
Wheat, by V. I. Oleinichenko, V. A. Ryndin,
G. A. Markelov.

RUSSIAN, per, Zashchita Rastenii ot Vreditel'ei i
Boleznei, Vol IV, No 2, 1959, pp 10-12.
9042491

USDA

Helicopters in Orchards and Vineyards, by S. G.
Starostin, V. P. Bondin.

RUSSIAN, per, Zashchita Rastenii ot Vreditel'ei i
Boleznei, Vol IV, No 2, 1959, pp 15-17, 9042497

USDA

The Production of Steel by Mixing and Reduction-
Alloying Processes, by H. J. Eckstein.

GERMAN, per, Neue Huette, No 4, 1959, pp 250-252.

HB 4620

Analysis of Soviet Seven-Year Economic Plan,
5 pp.

GERMAN, per, VDI Nachrichten, 4 Jul 1959.

AF 1265951

On the Results of Scientific Work on the
Complex Problem of "Scientific Principles for
Automation and Telemechanization of Production
Processes" for 1958, (NY-3000/4).

UKRAINIAN, per, Avtomatika, No 2, 1959,
pp 109-111.

*JPRS

USSR
Political

Collegiality and One-Man Management in the Soviet State Administration, by Yu. M. Kozlov, (DC-3056).
RUSSIAN, bk, Kollegialnost i Yedinonachaliye v Sovetskoy Gosudarstvennom Upravleniye, 1956, pp 24-51.

*JPRS

Higher and Local Party Organs, by L. Slepov, (DC-3031).
RUSSIAN, bk, Vysshiy i Mestnyye Organy Partiy, 1958, 102 pp.

*JPRS

The Doctrine of "Measured-Out" Aggression, RUSSIAN, np, Krasnaya Zvezda, 8 Jul 1959.

*AID

Lamentable Result Vain Illusions.
RUSSIAN, np, Krasnaya Zvezda, 5 Aug 1959, p 4.

*AID

American "Game of Partisans."
RUSSIAN, np, Krasnaya Zvezda, 21 Aug 1959, p 4.

*AID

Current Problems of World Politics, (DC-3023).
RUSSIAN, per, Mirovaya Ekon i Mezhdunarodnyye Otnosheniya, No 7, Moscow, 1959, pp 3-43.

*JPRS

The Base of Aggression in the Arctic.
RUSSIAN, np, Sovet Aviatsiya, 11 Jun 1959, p 4.

*AID

The Facts Speaks.
RUSSIAN, np, Sovet Patriot, 19 Aug 1959, p 4.

*AID

Problems and Reality of the USSR: The Party, (DC-3025).
ITALIAN, bk, Problemi e Realta dell' URSS, publ by PCI Delegation to USSR, Rome, 1958, pp 43-83.

*JPRS

USSR
Military

Training of Military Surgeons, 3 pp.
RUSSIAN, encyclopedia, Bol'shaya Meditsinskaya
Entsiklopediya, Vol V, Moscow, 1958.

AF 1255896

Methods of Computing Photo Data for Photo-
reconnaissance Missions, by V. I. Sokolov, 16 pp.
RUSSIAN, bk, Spravochnik Aviatsionnogo Shturmana,
1957, pp 191, 367-386.

AF 1255880

Rear Services of Soviet Armed Forces, (DC-3043).
RUSSIAN, bk, Vooruzhennyye Sily SSSR (Sluzhba
Tyla), 1958.

*JPRS

Military Hygiene, by V. A. Spasskiy, V. A.
Arkayev.
RUSSIAN, bk, Voyennaya Gigiyena, 1956.

*ACSI, H-4515

Man of God or a Parasite?, by Yuriy Shvarev,
(DC-2800/7).
RUSSIAN, np, Komsomol'skaya Pravda, Moscow,
15 Apr 1959, p 2.

*JPRS

Changes in the Uniform Supply of Servicemen,
by F. Tarmosin, 3 pp.
RUSSIAN, np, Krasnaya Zvezda, 10 Mar 1959.

JPRS-810-D

Qualities Required in Submariners, by I.
Kucherenko, 15 pp.
RUSSIAN, np, Krasnaya Zvezda, 13-15 Mar 1959.

JPRS-882-D

Psychological Conditioning of Troops, by K.
Platonov, 5 pp.
RUSSIAN, np, Krasnaya Zvezda, 24 March 1959,
p 2.

JPRS-882-D

Military Trade Information, by P. V. Kochetkov,
4 pp.
RUSSIAN, np, Krasnaya Zvezda, 7 Apr 1959.

JPRS-882-D

Soviet Military Psychology, by V. Gavriluk,
5 pp.
RUSSIAN, np, Krasnaya Zvezda, 18 Apr 1959.

JPRS-882-D

USSR

Military (Contd)

Mountain Warfare, by V. Kuz'mich, 3 pp.
RUSSIAN, np, Krasnaya Zvezda, 30 Apr 1959. JPRS-882-D

Glider Flying Instructions, 3 pp.
RUSSIAN, per, Kryl'ya Rodiny, No 2, 1959. AF 1255850

Air Defence Training Aids, 3 pp.
RUSSIAN, np, Kryl'ya Rodiny, No 3, 1959, p 19. JPRS-882-D

Our Aviators Are Attacking the Stratosphere,
by V. Vavilov, N. Denisov.
RUSSIAN, np, Pravda, No 200, 19 Jul 1959, p 6. *ATIC MCL-354/III

Bombers Evade Attack, by A. Krylov, 4 pp.
RUSSIAN, np, Sovet Aviatsiya, 10 Jan 1959. JPRS-810-D

Landing Bombers With Headlights, by A.
Magnitskiy, 4 pp.
RUSSIAN, np, Sovet Aviatsiya, 14 Jan 1959. JPRS-810-D

Strict Observance of Soviet Laws Is the Sacred
Duty of Each Soldier, by P. Gureyev, 5 pp.
RUSSIAN, np, Sovet Aviatsiya, 15 Jan 1959. JPRS-810-D

Perfect Systematic Flight Training of Commanders,
by N. Papivin, 5 pp.
RUSSIAN, np, Sovet Aviatsiya, 15 Jan 1959. JPRS-810-D

In an Air Battle, by A. Kumanichkin, 5 pp.
RUSSIAN, np, Sovet Aviatsiya, 18 Jan 1959. JPRS-810-D

Our Experience in Maintenance of Aircraft
in Low Temperature, by N. Dobrenko, 3 pp.
RUSSIAN, np, Sovet Aviatsiya, 18 Jan 1959. JPRS-810-D

Air Reconnaissance at Night, by L. Sedykh,
3 pp.
RUSSIAN, np, Sovet Aviatsiya, 17 Feb 1959. JPRS-810-D

On the Right of Innovators to Compensation,
by A. Dyul'din, 4 pp.
RUSSIAN, np, Sovet Aviatsiya, 27 Feb 1959. JPRS-810-D

Methods of Teaching Technical Subjects, 3 pp.
RUSSIAN, np, Sovet Aviatsiya, 3 Apr 1959. AF 1255873

USSR
Military (Contd)

Piloted Aircraft Development, by V. Altukhov,
4 pp.
RUSSIAN, np, Sovet Aviatsiya, 18 Apr 1959. JPRS-882-D

Two Record Jumps of Parachutists.
RUSSIAN, np, Sovet Aviatsiya, 5 Sep 1959, p 4. *AID

Aircraft Direct Torpedo Boat Attack, by Ye.
Nayshuler, 3 pp.
RUSSIAN, np, Sovet Flot, 5 Mar 1959. JPRS-882-D

Library of Radar Equipment, by S. Barchenkov,
3 pp.
RUSSIAN, np, Sovet Flot, 11 Mar 1959 JPRS-810-D

In the First Course, by M. Krupskiy, 4 pp.
RUSSIAN, np, Sovet Flot, 26 Mar 1959. JPRS-810-D

To Regulate the Working Hours of Air Crews,
3 pp.
RUSSIAN, np, Sovet Flot, 28 Mar 1959. AF 1255855

Naval Officer Candidate Training, by S.
Kucherov, 5 pp.
RUSSIAN, np, Sovet Flot, 28 Mar 1959 JPRS-882-D

Tactical Training of Submarine Officers, by
V. Preobrazhenskiy, 5 pp.
RUSSIAN, np, Sovet Flot, 4 Apr 1959. JPRS-882-D

Memoirs of an American Intelligence Officer,
Radm Zacharias, by Lt Col A. Efremov.
RUSSIAN, np, Sovet Flot, 11 Apr 1959, p 4. Navy 2241/ONI 545

"Exotic" Plans of American Admirals.
RUSSIAN, np, Sovet Flot, 2 Sep 1959, p 3. *AID

Order of the Minister of Defense of the USSR.
RUSSIAN, np, Sovet Flot, 5 Sep 1959, p 1. *AID

Lithuanian Republic DOSAAF Plenum, by S.
Ivanov, 3 pp.
RUSSIAN, np, Sovet Patriot, 25 Feb 1959. JPRS-882-D

USSR
Military (Contd)

When Work Is Undertaken Together, by A. Maksimov,
4 pp.
RUSSIAN, np, Sovet Patriot, 25 Feb 1959. JPRS-810-D

Public Instructor -- Central Figure in Training,
A Review of Letters, 3 pp.
RUSSIAN, np, Sovet Patriot, 11 Mar 1959. JPRS-810-D

Khmel'nitskaya Oblast Dosaaf Enrollment, by P.
Kostenko, 3 pp.
RUSSIAN, np, Sovet Patriot, 11 Mar 1959. JPRS-882-D

Uzbek Republic Dosaaf Plenum, 4 pp.
RUSSIAN, np, Sovet Patriot, 15 Mar 1959. JPRS-882-D

Dosaaf Finances, by A. Komissarov, 4 pp.
RUSSIAN, np, Sovet Patriot, 18 Mar 1959. JPRS-882-D

Dosaaf Meeting in Sverdlovsk, by A. Maksimov,
6 pp.
RUSSIAN, np, Sovet Patriot, 22 Mar 1959. JPRS-882-D

Dosaaf Meeting in Moscow, by Yu. Ordin, 4 pp.
RUSSIAN, np, Sovet Patriot, 25 Mar 1959. JPRS-882-D

Servicing and Repair of Armored Materiel at
Night, by L. Fedoseyev, M. Maryutin, 5 pp.
RUSSIAN, per, Tankist, No 3, 1958, pp 52, 53. ACSI, H-3740

Recoilless Weapons, by M. Yemelin.
RUSSIAN, per, Voyennyye Znaniya, No 5, 1959,
pp 16, 17. *ACSI, H-4620

The Soviet Union Missile Program, by Victor
Alexandrov, 10 pp.
FINNISH, np, Uusi Suomi, Helsinki, May/Jun 1959. AF 1232849

The Soviet-Built Mi-6 Helicopter, 4 pp.
POLISH, per, Skrzydlatą Polska, No 16, Jun 1959. AF 1255907

New Record Established by Soviet Parachutists.
POLISH, per, Skrzydlatą Polska, No 29, 1959, p 6. *AID

New Soviet Aircraft to Fly Over Polar Regions.
POLISH, per, Skrzydlatą Polska, No 30, 1959, p 3. *AID

USSR
Sociological

How Psychology Refutes Religious Superstitions,
by V. S. Matveyev, (DC-3037).

RUSSIAN, bk, Kak Psikhologiya Oprovergayet
Religiozniye Suyeverya, 1959, pp 3-32.

*JPRS

Several Forms and Methods of Scientific-
Atheistic Propaganda, by V. P. Il'in, 12 pp.

RUSSIAN, bk, Materializm i Religiya, 1958,
pp 17-28.

JPRS-916-D

The Role of Art in the Struggle Against Religious
Prejudices, by P. S. Popov, 11 pp.

RUSSIAN, bk, Materializm i Religiya, 1958,
pp 29-39.

JPRS-916-D

Higher School (Main Decrees, Orders, and
Instructions), by L. I. Karpov, V. A. Severtsev,
355 pp.

RUSSIAN, bk, Vysshaya Shkola, Part 1-3, 1957, pp 3-666.

JPRS-891-D

Higher School (Main Decrees, Orders, and Instruc-
tions), by L. I. Karpov, V. A. Severtsev, 395 pp.

RUSSIAN, bk, Vysshaya Shkola, Part 4-7, 1957,
666 pp.

JPRS-898-D

Development of the Method of Teaching Physics
in the USSR, by I. I. Sokolov, 27 pp.

RUSSIAN, per, Fiz v Shkole, No 5, 1957, pp 23-36.

ACSI, H-4084

The Start of a New Science.

RUSSIAN, np, Komsomol'skaya Pravda, 29 Aug 1959,
p 2.

*AID

The Training of Teachers of Mathematics in
Pedagogical Institutes, by V. I. Levin, 12 pp.

RUSSIAN, per, Matemat Prosvesh, No 3, 1958,
pp 77-88.

LIU Tr Bul Jun 1959

On One Approach to Semantics, by D. G. Lakhuti,
I. I. Revzin, V. K. Finn, (DC-3901/4).

RUSSIAN, per, Nauchnyye Dok Vysshey Shkoly,
Filosofskiye Nauki, No 1, Jan/Mar 1959,
pp 207-219.

*JPRS

USSR

Sociological (Contd)

Nearer to Contemporariness, by F. Baturin,
(DC-3042).
RUSSIAN, per, Partinaya Zhizn', No 15, Aug 1959,
pp 70-73.

*JPRS

Atheistic Instruction in Lessons for the Fifth-
Seventh Grades, by A. A. Vasil'yev, 6 pp.
RUSSIAN, per, Prepodavaniye Istorii v Shkole,
No 4, Jul/Aug 1959, pp 77-81.

JPRS-916-D

Aviation Badges.

RUSSIAN, np, Sovet Aviatsiya, 21 Aug 1959, p 1,

*AID

Rogues and Obscurantists, by A. Stuk, 8 pp.
RUSSIAN, np, Sovet Belorussiya, No 180, Minsk,
2 Aug 1959, p 4.

JPRS-930-D

Black Cassock, Black Deed, by V. Kushner,
(DC-3067).
RUSSIAN, np, Sovet Belorussiya, Minsk, 16 Aug
1959, p 3.

*JPRS

In Holy Snares, by A. Andreyev, (DC-3067).
RUSSIAN, np, Sovet Belorussiya, Minsk, 5 Sep
1959, pp 2, 3.

*JPRS

Why I Ceased to Be a Priest, by Aleksandr
Vlasov, 6 pp.
RUSSIAN, np, Sovet Lit, No 173, Vil'nyus,
26 Jul 1959, pp 2, 3.

JPRS-929-D

Flying Training Without Accidents, 3 pp.
RUSSIAN, np, Sovet Patriot, 25 Mar 1959.

AF 1255892

Bridgeman's Operationalism, by B. E. Bykhovskiy,
22 pp.
RUSSIAN, per, Voprosy Filosofii, No 2, 1958,
pp 75-89.

JPRS-L-1829-D

USSR
Sociological (Contd)

On Overcoming Religious Revivals in the USSR,
by S. N. Khudyakov,, (DC-3033).
RUSSIAN, per, Voprosy Filosofii, No 8, 1959,
pp 180-186.

*JPRS

Basic Problems of Applied Linguistics, by
N. D. Andreyev, L. R. Zinder, (DC-3901/4).
RUSSIAN, per, Voprosy Yazykoznaniiya, No 4,
Jul/Aug 1959, pp 3-19.

*JPRS

Biographic

Soviet Scientific Personalities and Organiza-
tions, 22 pp.
RUSSIAN, bk, Malaya Sovetskaya Entsiklopediya,
Vol I, 1958.

JPRS-L-1872-D

EASTERN EUROPE

Economic

Albanian Statistical Yearbook, 1958,
(DC-3047).

ALBANIAN, bk, Anuari Statistikor i
Republikes Popullore te Shqiperise
1958, 177 pp.

*JPRS

Corn to Increase Meat and Milk Production,
by Maqo Como, 4 pp.

ALBANIAN, per, Bashkimi, Tirana, 14 Jun
1959, p 1.

JPRS 1856-N

Improvements in Planning Methodology, by
Abdyl Backa, 15 pp.
ALBANIAN, per, Ekonomia Popullore, Vol VI,
No 3, May/Jun 1959, pp 38-47.

JPRS 1868-N

Important Tasks for Transportation Workers,
3 pp.

ALBANIAN, per, Zeri i Popullit, Vol XVIII,
No 143, Tirana, 14 Jun 1959, p 1.

JPRS 1867-N

The Balance of Monetary Income and Expendi-
tures for the Population in 1958, by Neycho
Gugovski, Nikola Lazarov, 10 pp.
BULGARIAN, per, Finansi i Kredit, No 4, 1958,
pp 19-26.

JPRS 1891-N

Kolarovgrad, by Svetlin Kiradzhiev, 6 pp.
BULGARIAN, per, Geografiya, No 1, Sofia,
1959, pp 3-7.

JPRS L-1867-D

The Economic Effect of Electrification of
the Bulgarian Railroads, by Radka Naydenova,
5 pp.
BULGARIAN, per, Geografiya, No 5, Sofia, 1959,
pp 1-3.

JPRS 1891-N

The Forests and Forest Economy of Albania,
by St. Dimitrov, 10 pp.
BULGARIAN, per, Gorsko Stopanstvo, No 4,
Sofia, 1959, pp 33-39.

JPRS 1860-N

Eastern Europe
Economic (Contd)

The Economical Expenditure and Regeneration of Mineral Lubricating Oils -- A Source of Great Savings, by M. Gerasimov, D. Rushev, 14 pp.

BULGARIAN, per, Planovo Stopanstvo, Vol XIV, No 2, Mar/Apr 1959, pp 82-92.

JPRS 1885-N

Television in Bulgaria, 4 pp.

BULGARIAN, per, Radio i Televisiya, No 2, Sofia, 1959, pp 1, 2.

JPRS 1891-N

On the Cost of Production in TKZS, by Vasil Mishev, 11 pp.

BULGARIAN, per, Selskostopanska Misul, Vol IV, No 3, 1959, pp 159-176.

JPRS 1860-N

Crossing the Border of the Country Without Permission or at Points Other Than Those Specified for This Purpose - Article 275 of the Penal Code, by Nikola Manchev, 12 pp.
BULGARIAN, per, Sotsialistichsko Pravo, No 2, Sofia, 1959, pp 16-24.

JPRS L-1851-D

Reserves for Fulfilling the Construction Plan Ahead of Schedule, by Radenko Vidinski, 10 pp.

BULGARIAN, per, Stroitelstvo, No 1, 1959, pp 1-4.

JPRS 1891-N

Regulation of Wages in Machine Building, by Simeon Radev, 13 pp.

BULGARIAN, per, Tezhka Promishlenost, Vol VIII, No 4, 1959, pp 4-8.

JPRS 1860-N

Speeding the Electrification of the Bulgarian Rail Lines, 11 pp.

BULGARIAN, per, Transportno Delo, No 4, Sofia, 1959, pp 1-6.

JPRS 1868-N

Experience of the Maribor Motor Vehicle Factory in the Manufacture of Special Vehicles, 3 pp.

CROATIAN, per, Tehnika, No 11, 1958, pp 318, 319.

ACSI, H-4624

Eastern Europe
Economic (Contd)

On the Problems of Topographical Mapping in the 1:10,000 Scale by the Universal Photogrammetrical Method, by Engr Stanislav Jaros, (NY-2975).

CZECH, per, Geodeticky a Kartograficky Obzor, No 4, Prague, 1959, pp 72-75.

*JPRS

Assembled Construction of the Superstructure of the Orlik Hydroelectric Power Plant, by Engr Jan Mares, (NY-2974).

CZECH, per, Inzenyrske Stavby, No 5, Prague, 1959, pp 170-174.

*JPRS

The International Division of Labor Among Socialist Countries, by Dusana Machova, 25 pp. CZECH, per, Nova Mysl, No 5, 1959, pp 458-473.

JPRS 1891-N

Consumption of Textile Products, by Jaromir Kresta, 15 pp.

CZECH, per, Planovane Hospodarstvi, No 3, Prague, 1959, pp 183-196.

JPRS 1873-N

~~Expansion of Production of Construction Materials~~, by Josef Churacek, Josef Krofta, 13 pp.

CZECH, per, Planovane Hospodarstvi, No 3, Prague, 1959, 197-205.

JPRS 1873-N

Problems of Establishing and Assuring the Rates of Growth of Labor Productivity in Long-Range Plans, by Engr Milos Pick, (NY-2973).

CZECH, per, Planovane Hospodarstvi, No 4, Prague, Mar 1959, pp 241-259.

*JPRS

Measuring Labor Productivity in the New Planning Methodology, by Dr Miroslav Sokol, (NY-2973).

CZECH, per, Planovane Hospodarstvi, No 4, Prague, Mar 1959, pp 260-268.

*JPRS

Expansion of Production of Construction Materials, by Josef Krofta, Engr Josef Churacek, (NY-2993).

CZECH, per, Planovane Hospodarstvi, No 5, Prague, 1959, pp 361-370.

*JPRS

Eastern Europe
Economic (Contd)

The Direction of Development of the Lime Industry, by J. Krofta, (NY-2994).

CZECH, per, Stavivo, No 5, 1959, pp 153-156.

*JPRS

Economic Analysis in the Fuel Industry, by J. Vagner, M. Jakoubek, 16 pp.

CZECH, per, Uhlí, Vol I, No 4, 1959, pp 137-141.

JPRS 1863-N

Export of Industrial Plants From Czechoslovakia in the Past Ten Years, by Frantisek Marek, 10 pp.

CZECH, per, Zahranicni Obchod, No 6, Prague, 1959, pp 2-9.

JPRS 1885-N

Economic Analyses of JZD Management, by Karel Svoboda, Jaroslav Neumann, (NY-3006).

CZECH, per, Zemedelska Ekonomika, Vol V, No 7, Prague, 1959, pp 511-531.

*JPRS

Using Productive Costs for Analysis of Economic Results in a JRD, by Mikulas Sebesta, (NY-3006).

CZECH, per, Zemedelska Ekonomika, Vol V, No 7, Prague, 1959, pp 567-578.

*JPRS

Analysis of Main Factors in the Gross and Marketable Production Cycle of the JZDs of One Okres, by Dimitrij Choma, (NY-3006).

CZECH, per, Zemedelska Ekonomika, Vol V, No 7, Prague, 1959, pp 581-596.

*JPRS

The Organization and Development of Hungarian Heavy Industry, 1949-1955, 27 pp. (ID 2109493).
GERMAN.

ACSI, H-4397

Translation and Glossary of East German Statistical Yearbook 1958, (DC-3062).

GERMAN, bk, Statistisches Jahrbuch der Deutschen Demokratischen Republik, 1958, Berlin, 1959.

*JPRS

Significance and Content of the Law Concerning Agricultural Producer Cooperatives, by W. Schmidt, 13 pp.

GERMAN, per, Die Deutsche Landwirtschaft, Vol X, No 5, 1959, pp 209-213.

JPRS 1360-N

Eastern Europe
Economic (Contd)

Plant Cultivation and Seed Production, by
Ilse Maiss, G. Koehler, 6 pp.

GERMAN, per, Die Deutsche Landwirtschaft,
Vol X, No 5, 1959, pp 231-233.

JPRS 1860-N

Railroad Mail Shipment in East Germany, by
Gerhard Reber, 14 pp.

GERMAN, per, Die Deutsche Post, No 6, 1959,
pp 162-169.

JPRS 1867-N

Air Mail Shipment, by Hans Joachim Reich,
8 pp.

GERMAN, per, Die Deutsche Post, No 6, 1959,
pp 203-207.

JPRS 1867-N

Problems in the Development of High-Voltage
Installation Manufacturing and Construction

Enterprises, by Willi Stoecker, (NY-2988).
GERMAN, per, Der Elektro-Praktiker, Vol XIII,
No 7, Berlin, 1959, pp 193-196.

*JPRS

Definition of Electric Power Concepts, by
Beckmann, 7 pp.

GERMAN, per, Energietechnik, Vol IX, No 5,
1959, pp 226-228.

JPRS 1891-N

Reorganization of the Integrated Power System,
by W. Roesel, (NY-2982).

GERMAN, per, Energietechnik, Vol IX, No 8,
Berlin, 1959, pp 337-340.

*JPRS

Plans for the 380 Kilovolt Line in East Ger-
many, by G. Grosspetzsch, (NY-2982).

GERMAN, per, Energietechnik, Vol IX, No 8,
Berlin, 1959, pp 353-358.

*JPRS

Guiding Principles for Time and Cost in
Documentation Work, by J. Mathieu, S.
Barlen.

GERMAN, per, Forschung Berichte Wirts-u
Verkehrs N-Rh-Westf, No 636, 1958, 54 pp.

TIL T 4966

Eastern Europe
Economic (Contd)

Technical Documentation Based on Available
Abstracting Services, by H. A. Elsner.

GERMAN, per, Forschung Berichte Wirts-u
Verkehrsm N-Rh-Westf, No 650, 1958, 35 pp.

TIL T 4967

Duroplastics in the Wood Industry, by Rober
Trautvetter, 7 pp.

GERMAN, per, Holzindustrie, No 3, 1959,
pp 77-79.

ACSI, H-4111

Status of Development of the Czechoslovak
Machine Tools, by J. Tlusty, (NY-2959).

GERMAN, per, Maschinenbau Technik, Vol VIII,
No 6, Berlin, 1959, pp 311-316.

*JPRS

The Development and Efficiency of Diesel
Motors, by Hans Rost, 25 pp.

GERMAN, per, Schiffbautechnik, Vol IX, No 4,
1959, pp 184-195.

JPRS 1889-N

The Current Major Tasks in the Field of
Standardization, by E. Bartzsch, (NY-2960).

GERMAN, per, Standardisierung, Vol V, No 5,
Berlin, 1959, pp 184-191.

*JPRS

Northern Countries and East-West Trade, by
K. P. Van der Mandele, 3 pp.

GERMAN, per, Verkehr, No 23, Vienna, 6 Jun
1959, pp 804, 805.

JPRS L-943-N

The Problem of Maintaining the Mechanical
Shops of the East German State Railroads, by
Hans Werner Stroesner, 32 pp.

GERMAN, per, Die Werkstatt, No 2/3, 1959,
pp 27-32, 56-62.

JPRS 1867-N

Radio Controlled Switching on the GDR Rail-
roads, by G. Selge, J. Helm, 8 pp.

GERMAN, per, Die Werkstatt, No 5, 1959, pp 101-
103.

JPRS 1867-N

Translation and Glossary of Hungarian Statis-
tical Yearbook 1956, 383 pp.

HUNGARIAN, yrbk, Statisztikai Evkonyv 1956,
Budapest, 1958.

JPRS 700-D

Eastern Europe
Economic (Contd)

Translation and Glossary of the Hungarian Statistical Yearbook 1957, (DC-3055).
HUNGARIAN, bk, Statisztikai Evkonyv 1957, Budapest, 1959, pp 1-69, 137-226, 267-362.

*JPRS

Food Consumption Trends in Hungary, (DC-3063).
HUNGARIAN, monograph, Statisztikai Idoszaki Kozlemenyek: Az Elelmiszerforgyasztas Alakulasa Magyarorszagon, No 6, 1957, Index; pp 1, 2, 11, 23, 31, 32, 57, 71, table headings (horizontal, vertical) footnotes for pp 3-10, 33-36, 38-41, 58-60, 74, 81-84.

*JPRS

New Hungarian Railway Tariffs, by Laszlo Halmos, 40 pp.
HUNGARIAN, per, Kozlekedesi Kozlony, Vol. XIV, No 38-40, 21-28 Sep-5 Oct 1958, Budapest, pp 614-619, 631-637, 649, 650.

JPRS 1856-N

Several Problems of Calculating and Employing the Net Volume Index in the Construction Materials Industry, by Mrs Erno Huszar, 20 pp.
HUNGARIAN, per, Statisztikai Szemle, Vol XXXVII, No 6, Budapest, 1959, pp 633-642.

JPRS 1868-N

Development of the Construction Material Industry (1949-1958), (NY-2979).
HUNGARIAN, per, Statisztikai Szemle, No 7, Budapest, 1959, pp 663-679.

*JPRS

Freight Cars and Their Repairs.
POLISH, bk, Wagony Towarowo i Ich Naprawa, Chap I, pp 11-13, 17, 24, 36, 40, Chap VIII, pp 335, 341, 351, 367, 369, 373, 375.

*525th MI Gp, H-4487

Discussion of Investments in the Cement Industry, by F. Zabiak, (NY-2956)
POLISH, per, Cement Wapno Gips, No 4, 1959, pp 81-86.

*JPRS

Possibilities of Reducing Investment Costs in Construction of Cement Plants, by Konstanty Wiczowski, (NY-2997).
POLISH, per, Cement Wapno Gips, Vol XV/XXIV, No 6, 1959, pp 133-135.

*JPRS

Eastern Europe
Economic (Contd)

Economic and Extraction Problems in the Exploitation of Raw Materials for the Polish Cement Industry (With Data on East Germany), by Adam Trembecki, (NY-2998).
POLISH, per, Cement Wapno Gips, Vol XV/XXIV, No 7, 8, 1959, pp 166-189.

*JPRS

Results of Pilot-Plant Production of Low-Soda Content Super Thomas Meal, by Jerzy Gdynia, (NY-3008).
POLISH, per, Chemik, Vol XII, No 5, 1959, pp 194-197.

*JPRS

Organization and Work of the Hungarian Highway Research Institute, by Franciszek Korycynski, (NY-2999).
POLISH, per, Drögownictwo, Vol XIV, No 5, 1959, pp 101-103.

*JPRS

Problems of Increased Agricultural Production in Light of Needs of Population in 1975, by Wladyslaw Misiuna, 42 pp.
POLISH, per, Ekonomista, No 1, 13 Feb 1959, pp 4-32.

JPRS 1891-N

New Electric Power Rate for Industry, by Bronislaw Lis, 13 pp.
POLISH, per, Energetyka, Vol XIII, May 1959, pp 136-139.

JPRS 1867-N

Real Income of the Rural Population Derived From Agricultural Production for the Years 1956-1958, (NY-3022).
POLISH, per, Główny Urząd Statystyczny, Supplement to Biuletyn Statystyczny, Vol III, No 2, 1959, pp 1-4.

*JPRS

The Development of Ferrous Metallurgy and the Problem of the Development of Coking Coal Mines, by Antoni Pienkowski, (NY-3011).
POLISH, per, Gospodarka Planowa, Vol XIV, No 7 (165), 1959, pp 16-22.

*JPRS

Eastern Europe
Economic (Contd)

Pros and Cons on the Development of Poland's
Aluminum Production, by Stanislaw Kawinski,
Jerzy Perlinski, (NY-3011).

POLISH, per, Gospodarka Planowa, Vol XIV,
No 7 (165), 1959, pp 22-25.

*JPRS

Industrial Television, by Zygmunt Wlazlo, 4 pp.
POLISH, per, Horyzonty Techniki, No 5, Warsaw,
1959, pp 210-214.

JPRS 1885-N

We Photograph With Polish Cameras, by Z.
Perzynski, 11 pp.

POLISH, per, Horyzonty Techniki, No 5, Warsaw,
1959, pp 215-220.

JPRS 1885-N

Advantages and Problems in Changing to Electric
of Diesel Traction in Poland, by Edward Debski,
13 pp.

POLISH, per, Inwestycje i Budownictwo, No 4,
1959, pp 14-18.

JPRS 1856-N

A 15-Year Survey of Developments in Industrial
Construction, by Jerzy Kawecki, (NY-3002).

POLISH, per, Inzynieria i Budownictwo, Vol XVI,
No 7, 1959, pp 265-275.

*JPRS

Production Costs for Certain Building Materials,
by Stanislaw Lewin, (NY-2942).

POLISH, per, Materialy Budowlane, Vol XIII,
No 12, 1958, pp 353-361.

*JPRS

Stabilized Gasoline, by Zbigniew Giela, 9 pp.

POLISH, per, Nafta Rko XIV Pazdziernik, No 10,
1958, pp 273-276.

ACSI, H-4573

Problems in Development of Agricultural Produc-
tion During 1959-1965, 7 pp.

POLISH, per, Nowe Rolnictwo, Vol VIII, No 8,
1959, pp 281-283.

JPRS 1860-N

Effect of the New Agricultural Policy on Agri-
cultural Production in Regions Consisting
Predominantly of Dwarf-Sized Farms, by Fr.
Kolbusz, 10 pp.

POLISH, per, Nowe Rolnictwo, Vol VIII, No 8,
1959, pp 286-289.

JPRS 1860-N

Eastern Europe
Economic (Contd)

The Course of Credit Development in Agriculture,
by Romuald Harasimowicz, 10 pp.

POLISH, per, Nowe Rolnictwo, Vol VIII, No 8,
1959, pp 289-292.

JPRS 1873-N

Housing Construction in 1958, by Jan Dangel,
(NY-3003).

POLISH, per, Przegląd Budowlany, Vol XXXI,
No 7, Warsaw, 1959, pp 315-318.

*JPRS

Large Panel Construction - Achievements and
Recommendations, (NY-3003).

POLISH, per, Przegląd Budowlany, Vol XXXI, No 7,
Warsaw, 1959, pp 318-322.

*JPRS

Economic Problems of Electric Heating in
Poland, by B. Sochor, 4 pp.

POLISH, per, Przegląd Elektrotechniczny, Vol
XXXV, No 5, 1959, pp 192, 193.

JPRS 1873-N

Effect of New Electric Power Rates on Real
Costs at Łaziska and Siechnice Metallurgical
Plants, by E. Matula, 6 pp.

POLISH, per, Przegląd Elektrotechniczny, Vol
XXXV, No 5, 1959, pp 203, 204.

JPRS 1873-N

Industrial Consumption of Electric Power to
Produce Heat, by T. Skrzpek, 12 pp.

POLISH, per, Przegląd Elektrotechniczny,
Vol XXXV, No 5, 1959, pp 205-207.

JPRS 1873-N

The Polish Electrical Industry at the XXVIIIth,
International Poznań Fair, by Janusz Kancierz,
22 pp.

POLISH, per, Przegląd Elektrotechniczny, Vol
XXXV, No 5, 1959, pp 223-231.

JPRS 1885-N

Railroad Passenger Timetable 1959-1960 (and
Data on Passenger Traffic), by Jan Bac,
(NY-2972).

POLISH, per, Przegląd Kolejowy - Przewozowy,
Vol XI, No 4, Warsaw, 1959, pp 85-88.

*JPRS

Eastern Europe
Economic (Contd)

Comparison of Costs of Transporting Cement
by Rail and Truck, by Czeslaw Michalski,
(NY-2971).

POLISH, per, Przegląd Kolejowy - Przewozowy,
Vol XI, No 4, Warsaw, 1959, pp 131-136.

*JPRS

1959-1960 Railroad Freight Schedule (and
Data on Freight Traffic), by Jan Bac, 9 pp.
POLISH, per, Przegląd Kolejowy - Przewozowy,
Vol XI, No 5, 1959, pp 113-116.

JPRS 1856-N

Installation Equipment Industry, by Zygmunt
Jardel, (NY-3007).

POLISH, per, Przegląd Techniczny, No 32,
Warsaw, 12 Aug 1959, pp 11-14.

*JPRS

Electrotechnical Porcelain Industry, by Marian
Polik, (NY-3007).

POLISH, per, Przegląd Techniczny, No 32, Warsaw,
12 Aug 1959, pp 14-16.

*JPRS

Production and Assembly of Apparatus in the
Association of the Inorganic Industry, by
Karol Palys, (NY-3009).

POLISH, per, Przemysł Chemiczny, Vol XXXVIII,
No 6, 1959, pp 344-346.

*JPRS

Problems of Technical Progress in the Chemical
Industry in the Period 1959-1965, by Antoni
Radlinski, (NY-3010).

POLISH, per, Przemysł Chemiczny, Vol XXXVIII,
No 7, 1959, pp 397-402.

*JPRS

Problems of the Long-Range Development of the
Gdansk-Gdynia Port Group, by J. Czyz, Z.

Pelczynski, B. Rejewski, 13 pp.
POLISH, per, Technika i Gospodarka Morska,
No 12, 1958, pp 353-356.

JPRS 1851-N

Development Trends of the Tele- and Radio-
Technical Industry in the Five Year Plan,
1956-1960.

POLISH, per, Tele-Radio - Przegląd Zagadnień
Przemysłowych i Eksploatacyjnych, No 1, Aug
1956, pp 3-19.

*525th MI Gp, H-4549

Eastern Europe
Economic (Contd)

Radio Factory M. Kasprzak in Warsaw.
POLISH, per, Tele-Radio - Przegląd
Zagadnień Przemysłowych i Eksploata-
cyjnych, No 6, Jan 1958, pp 319-328.

*525th MI Gp, H-4551, A

Telephone Sets Factory in Lodz.
POLISH, per, Tele-Radio - Przegląd
Zagadnień Przemysłowych i Eksploata-
cyjnych, No 6, Jan 1958, pp 328-332.

*525th MI Gp, H-4551, B

Teletechnical Apparatus Factory in Lodz.
POLISH, per, Tele-Radio - Przegląd Zagad-
nień Przemysłowych i Eksploatacyjnych,
No 6, Jan 1958, pp 332, 333.

*525th MI Gp, H-4551, C

Selenium Rectrifiers Produced by Rectifier,
Factory in Bielaus.
POLISH, per, Tele-Radio - Przegląd Zagadnień
Przemysłowych i Eksploatacyjnych, No 6, Jan
1958, pp 334, 335.

*525th MI Gp, H-4551, D

Production of Associated Factories of PTT.
POLISH, per, Tele-Radio - Przegląd Zagadnień
Przemysłowych i Eksploatacyjnych, No 6, Jan
1958, pp 341-346.

*525th MI Gp, H-4551, F

Some Economic Aspects of Planning and Imple-
mentation of Agricultural Land Reclamation,
by R. Obraczka, Wl. Zawadzki, (NY-2970).
POLISH, per, Wiadomości Melioracyjne i Lekar-
skie, Vol I, No 1, Warsaw, 1959, pp 4-8.

*JPRS

Water Management and Land Reclamation Tasks,
by Kazimierz Majewski, (NY-2970).
POLISH, per, Wiadomości Melioracyjne i Lekar-
skie, Vol I, No 1, Warsaw, 1959, pp 8-13.

*JPRS

The Rent Problem in Poland, by Witold
Nieciunski, 9 pp.
POLISH, per, Zycie Gospodarcze, 1 Mar 1959,
pp 1, 9.

JPRS 1860-N

Eastern Europe
Economic (Contd)

Development of Production and Consumption of Energy in Rumania, by M. Bercovici, C. Nagy, S. Manea, 12 pp.
RUMANIAN, per, Energetica, Vol VII, No 5, 1959, pp 187-190.

JPRS 1868-N

Raising the Economic Effectiveness of Investments in the Wood Industry in Rumania, 7 pp.
RUMANIAN, per, Industria Lemnului, Vol VII, No 5, 1959, pp 161, 162.

JPRS 1885-N

Plans for a Central Gear Plant in Rumania, by V. I. Sava, 8 pp.
RUMANIAN, per, Metalurgia si Constructia de Masini, Vol VI, No 1, Bucharest, 1959, pp 45-47.

JPRS 1867-N

Present Problems of Rumanian Rolling Mills (Compared to USSR Practices), 15 pp.
RUMANIAN, per, Metalurgia si Constructia de Masini, Vol XI, No 1, Bucharest, 1959, pp 48-53.

JPRS 1868-N

Basic Solutions Adopted in the Planning and Assembly of Railroad Signaling Devices, by Marius Maris, 16 pp.
RUMANIAN, per, Revista Cailor Ferate, No 1, 1959, pp 27-31.

JPRS 1873-N

Choice of Road Surfaces, Principal Factor in Reducing the Cost of Modernizing Rumanian Roadways, 21 pp.
RUMANIAN, per, Revista Transporturilor, No 5, 1959, pp 197-204.

JPRS 1873-N

Role of Highway and Bridge Workshops in Reducing the Cost of Modernizing Highways, (NY-2941).
RUMANIAN, per, Revista Transporturilor, Vol VI, No 7, 1959, pp 294-298.

*JPRS

Contribution of the Maintenance Sector in Reducing the Cost of Road Repairs, (NY-2941).
RUMANIAN, per, Revista Transporturilor, Vol VI, No 7, 1959, pp 299-303.

*JPRS

Eastern Europe
Economic (Contd)

Selections From "Oil Industry of Rumania and Economic Problems of Its Development Under the Conditions of the People's Democratic System," by I. D. Karyagin.

RUSSIAN, bk, Neftyanaya Promyshlennost' Rumynii i Ekonomicheskiye Problemy ee Razvitiya v Usloviyakh Narodno-Demokraticheskogo Stroya, Moscow, 1958, pp 125-139, 141-180, 188-217, 220-230, 243-277, 281-295, 313-340.

*JPRS

Large Panel Construction in Czechoslovakia, by L. S. Raymus, (NY-2981).

RUSSIAN, per, Byull Tekh Informatsii (Po Stroitel'stvu), No 7, Leningrad, 1959, pp 29-32.

*JPRS

Prospects for the Development of Our Motorization and Transport, by Radomir Sirkovic, 23 pp. SERBIAN, per, Tehnika, No 10, 1958, pp 147-153.

ACSI, H-4514

1. Ten Years of Yugoslavian Railroad; 2. Future Trends of Capacity Increase; 3. The Sarajevo-Place Section. SERBIAN, per, Zeleznice, No 1, 1956, pp 1, 17-26.

*525th MI Gp, H-4658

Meadowland and Railroad, by Peter Segvic. SERBIAN, per, Zeleznice, No 2, 1956, pp 2-6.

*525th MI Gp, H-4655

Mobile Electric-Power Substation, by Steven A. Markovic. SERBIAN, per, Zeleznice, No 3, 1956, pp 4-9.

*525th MI Gp, H-4654

Dual Armoring of Concrete Rails (Indian Type), by Vjekoslav Brezanic. SERBIAN, per, Zeleznice, No 4, 1956, pp 12-14.

*525th MI Gp, H-4644

Federal Law on the Introduction of Medical Insurance for Agricultural Producers, 10 pp. SERBO-CROATIAN, per, Official Gazette, No 27, 8 Jul 1959, Encl to Desp No 45, AmEmbassy, Belgrade, 27 Jul 1959.

Dept of State
4236795

Eastern Europe
Political

The System and Types of Document Crimes
Under the Criminal Code of the People's
Republic of Bulgaria, by Venetsi Buzov,
(DC-3068).

BULGARIAN, per, Pravna Misul, No 3, Sofia,
1959, pp 50-63.

*JPRS

Order of Council of Ministers, 12 pp.
POLISH, bk, Journal of Laws, No 76, 1958,
Item 388, 394.

ACSI, H-3056

Military

The Rear Services of the Regiment, the
Battalion and the Conduct of Rear Area
Mission for Companies, 56 pp.
GERMAN, bk, Die Ruckwartigen Dienste des
Regiments, des Bataillons und die Durchfu-
hrung der Ruckwartigen Aufgaben fuer die
Kompanie.

ACSI, H-4544

Questions of the Mountain Equipment of a
Mountain Battalion.
GERMAN, per, Allgemeine Schweizerische Mili-
taer Z, No 7, 1959, pp 492-509.

ACSI, H-4586

The Military Mission of Stot and Vtol Air-
craft, by Georg W. Feuchter, 12 pp.
GERMAN, per, Flugwelt, No 7, Wiesbaden, 1959,
pp 267-272.

JPRS L-1846-D

Defeat the Invisible Enemy, by Von Helmut
Mischler.
GERMAN, per, Soldat und Technik, No 3, 1959,
pp 132-134.

*ACSI, H-4688

The Naval Forces in the Soviet Occupied Zone
of Germany, by Siegfried Breyer, 7 pp.
GERMAN, per, Soldat und Technik, Jun 1959.

Navy/ONI 5075068

Air Landings - Experiences at the Autumn
Maneuvers, 1958, 6 pp.
GERMAN, per, Truppenpraxis, No 3, 1959,
pp 214-216.

ACSI, H-4578

Eastern Europe
Military (Contd)

Central Planning for Atomic Protection in
the East Bloc, by Dr. Gerhard H. E. Meissel,
4 pp.

GERMAN, per, Wehrkunde, May 1959. 9040467

Rand Corp T-114

The Fight Over Party Influence in the Soviet
Zone's People's Army, 7 pp.

GERMAN, per, Wehrkunde, May 1959. 9040467

Rand Corp T-114

Additional Information on Military Service
Law of 30 January 1959, 35 pp.

POLISH, per, Dziennik Ustaw, No 38, Warsaw,
3 Jul 1959, pp 417-487.

JPTS L-1885-D

Fifteen Years of the Quartermaster Service of
Peoples Polish Forces, by Viktor Zieminski,
5 pp. (ID 2103314).

POLISH, per, Zolnierz Wolnosci, 30 Sep 1958,
pp 1, 2.

ASCI, H-2396

Eastern Europe
Sociological

XXI Extraordinary Congress of the CPSU, 6 pp.
BULGARIAN, per, Farmatsiya, No 2, Sofia, 1959,
pp 3-7.

JPRS L-971-N

A. B-50 Provisional Sanitary Rules for the
Laundries for the Working on the Special Work
Dress Contaminated With Radioactive Matter;
B. Ministry of National Health and Social
Care-State Sanitary Inspection, by P. Kolarov,
13 pp. (ID 650153).
BULGARIAN, per, Izvestiya, No 14, Feb 1959, pp 3-6.

ACSI, H-4456

Summer Religious Holidays and Fairs and the
Harm They Do to Our Villages, by N. Misov,
3 pp.
BULGARIAN, np, K perativno Selo, Vol IX,
No 164, Sofia, 16 Jul 1959, p 3.

JPRS L-1868-D

The Teaching of Ideological Disciplines, by
Docent Girgin Girginov, 4 pp.
BULGARIAN, np, Narodna Kultura, Sofia, 28 Mar
1959, pp 1, 2.

JPRS 748-D

The Shepherd Who Scattered the Flock, by
Miron Ivanov, 6 pp.
BULGARIAN, np, Narodna Kultura, Vol III, No 31,
Sofia, 1 Aug 1959, p 203.

JPRS L-1877-D

Brief Geographic and Economic Descriptions of
the New Okrugs, 84 pp.
BULGARIAN, per, Rabotnichesko Delo, Jan-Jun
1959, Otechestven Front, Feb/Mar 1959, Dunavska
Pravda, 3 Mar 1959.

JPRS 1886-N

The Content and Forms of the Atheistic Training
of Pupils, by Stoyko Popov, Mikhail Buchvarov,
5 pp.
BULGARIAN, np, Uchitelsko Delo, Vol X, No 15,
Sofia, 17 Feb 1959, p 3.

JPRS L-929-N

Norms of Functions of Medical Personnel
With Job Characteristics and Pay Rates (Functions
F, G, and H), 24 pp.
CZECH, per, Vestnik Ministerstva Zdravotnictvi,
Vol VII, Section 5/6, 10 Mar 1959, pp 1, 3-21.

JPRS 748-D

Eastern Europe
Sociological (Contd)

Tasks of Colleges in the Stage of Completing
the Building of Socialism, by Frantisek Kahuda,
31 pp.

CZECH, per, Vysoka Skola, Vol VI, No 11, 1958,
pp 313-336.

JPRS 748-D

Christianity and Politics, by Be. Horvath,
5 pp.

HUNGARIAN, per, Irodalmi Ujsag, 15 Jun 1959,
p 5.

JPRS L-1831-D

Glossary of Selected Tables and Translation
of Notes on Methodology From "The Results of
Agriculture in 1957," 33 pp.

HUNGARIAN, per, Statistikai Idoszaki Kozle-
menyek, No 18, 1958.

JPRS L-1874-D

The Irreducible Opposition Between Science and
Religion, by C. Gh. Dimitriu, C. Rusnac,
(DC-3041).

RUMANIAN, per, Cercetari Filozofice, Vol VI,
No 3, Bucharest, Jun 1959, pp 111-128.

*JPRS

NORTHERN EUROPE

Economic

Forestry in the North: Denmark, by N. P. Tulstrup, 10 pp.

DANISH, monograph, Skogsbryket i Norden, Stockholm, 1958, pp 11-21.

JPRS L-1848-D

The Icebreaker Oden, by G. A. Wahlsten, 8 pp.
SWEDISH, pamphlet, Stockholm, 11 May 1959.

Navy/ONI 5070998

Political

Speech by Secretary General Yrjo Enne of the Communist-Front Finnish People's Democratic League, 19 Jul 1959, at the 60th Anniversary Celebration of the Labor Movement in Finland (A Strong Front for Our Class, and Victory Is Ours!), 5 pp.

FINNISH, np, Kansan Utiset, Helsinki, 21 Jul 1959, p 4.

JPRS 918-D

Military

New Danish Field Uniform.

DANISH, per, Hjemme Vaernet, No 2, 1959, p 9.

*ACSI, H-4687

Personal Field Equipment - A New System, by Lindstrom.

SWEDISH, per, Arme Nytt, No 4, 1959, pp 9-18.

*ACSI, H-4751

Progressive Methods of Food Preservation Recoilless Weapons, by Harald Jentzer, 24 pp.

SWEDISH, per, Artilleri Tidskrift, No 2, Stockholm, pp 33-58.

ACSI, H-4434

Naval Plan, 1960, 53 pp.

SWEDISH, np, Marin-Nytt, No 2/3, 1959.

Navy/ONI 5071599

The Army's Uniform Study, by Urethammer.

SWEDISH, per, Svensk Intendentur Tidskrift, No 1, 1959.

*ACSI, H-4686

A Modern Naval Vessel Entirely of Wood (300 Tonner of Glued Pine, a Weapon Against Magnetic Mines).

SWEDISH, per, Svenska Dagbladet, 17 May 1958.

Navy 2274/ONI 565

NEAR EAST/AFRICA

Economic

Report of the Thirteenth Committee About the Organization and Control of Signals; Report of the Ninth Committee on the Methods of the Maintenance of Railroads and Their Bridges, 144 pp. (ID 2108093). ARABIC, Ministry of Communications-Egyptian Republic Railroads, USR, Cairo, 1956.

ACSI, H-4043

Graduates of American Universities in Ministry of Development, 8 pp. ARABIC, per, Afaq al-Jadidah, Baghdad, Mar 1957, pp 24-27.

JPRS L-1853-D

Political

The Tibetan Revolution, by Wadi' Rufa'il, (DC-3052). ARABIC, bk, Cairo, 1959, 60 pp.

*JPRS

Communist Conspiracy to Spoil Pilgrimage Season, 7 pp. ARABIC, np, Akhbar Al-yawm, Cairo, 4 Jul 1959, p 5.

JPRS L-1854-D

Declaration of the Iraqi Communist Party on the Cessation of Party Activity by the National Democratic Party, 13 pp. ARABIC, np, Ittihad Ash-Sha'b, Baghdad, 23 May 1959, p 1.

JPRS 896-D

Gains Made by Weavers and Spinners Union of Mosul, 3 pp. ARABIC, np, Ittihad Ash-Sha'b, Baghdad, 12 Jun 1959, p 3.

JPRS 896-D

Declaration of the General Federation of Peasant Societies, 4 pp. ARABIC, np, Ittihad Ash-Sha'b, Baghdad, 14 Jun 1959, p 1.

JPRS 896-D

Near East/Africa
Political (Contd)

Nothing in Common Between the Peasant and
the Feudal Landlord in Kurdistan, by Azad
Yekhwaz, 3 pp.

ARABIC, np, Ittihad Ash-Sha'b, Baghdad,
14 Jun 1959, p 5.

JPRS 896-D

Memorandum of the General Federation of
Peasant Societies on the Recent Amendment of
the Agrarian Reform Law, 4 pp.

ARABIC, np, Ittihad Ash-Sha'b, Baghdad, 16 Jun
1959, p 1.

JPRS 896-D

Statement on the Unification of the Women's
Movement in Iraqi Kurdistan, 3 pp.

ARABIC, np, Ittihad Ash-Sha'b, Baghdad,
16 Jun 1959, p 5.

JPRS 896-D

Statement of Iraqi National Union Front on
Occasion of First Anniversary of the Victorious
14 July Revolution, 3 pp.

ARABIC, np, Ittihad Ash-Sha'b, Baghdad, 12 Jul
1959, p 1.

JPRS 918-D

Decree of the UAR Promulgating Law No 161 of
1959 Which Regulates Compulsory Pilotage in
the Suez Port, by Gamal Abdel Nasser, 5 pp.

ARABIC, per, Official Journal of the UAR, No
125, 20 Jun 1959, Encl to Desp No 18, Port
Said, 4 Aug 1959.

Dept of State
4239102

Declaration of Politburo of Iraqi Communist
Party on Political Situation (Iraqi Communist
Party Statement), 6 pp.

ARABIC, np, Sawt Al-Ahrar, Baghdad, 10 Jul
1959, pp 1, 8.

JPRS 918-D

Platform of the Communist Party of Israel for
Elections to the Fourth Parliament, 14 pp.

HEBREW, np, Kol Haam, Tel Aviv, 31 Jul 1959,
pp 3-6.

JPRS 918-D

Near East/Africa
Political (Contd)

Arab Refugees From Israel, 6 pp.
ITALIAN, rpt, I Profughi Arabi,
15 May 1959.

Navy/ONI 5074519

Iran on the Road to Destruction, by P. Milov,
6 pp.
RUSSIAN, per, Sovremennyy Vostok, No 5, 1959,
pp 21-24.

JPRS L-1833-D

Military

East Pakistan Under Military Rule, 12 pp.
BENGALI, np, Swadhinata, 5, 12 Jul 1959,
Encl to Desp No 69, Amcongcn, Calcutta,
28 Jul 1959.

Dept of State
4236292

The Strategic Base of Diego Suarez.
FRENCH, per, Journal de la Marine Francaise,
(Cols Bleus), No 604, 18 Jul 1959, p 1.

Navy 2310/ONI 590

Sociological

Iranian Labor Law, 17 pp.
ARABIC, per, Official Gazette, No 4135, 25 Apr
1959, Encl to Desp No 101, AmEmbassy, Tehran,
12 Aug 1959.

Dept of State
4240180

The Motion Picture Industry in the UAR, 7 pp.
FRENCH, per, Cine-Film, Cairo, 1959, pp 13, 15,
17, 19.

JPRS-L-1847-D

FAR EAST

Economic

Estimated Quota in Architectural Engineering,
(DC-3046).

CHINESE, monograph, Chien-chu Kung-ch'eng
Yu-suan Ting-o, 1958, Vol I - pp 1-8 (t of c),
1-5, 7-9, 87, 88, 121, 143, 185, 256, 257,
267, 291, 305, 321, 353, 365, 366; Vol II -
pp 1-7 (t of c), 1-4, 55, 56, 83, 84, 137, 199.

*JPRS

Special Characteristics of Chinese Coals,
Edited by Ch'en Hsueh-ling, (DC-3504/5).

CHINESE, monograph, Kuo-lu-hsueh, publ by
Shanghai K'o-hsueh Chi-shu Ch'u-pan-she,
Vol I, Mar 1959, pp 64, 65.

*JPRS

Economic Geography of the Yen-Pien Korean
Autonomous Chou, by Li Chen-ch'uan,
(NY-2977).

CHINESE, monograph, Yen-pien Chao-hsien-tsu
Tzu-chih Chou Ching-chi Ti-li, Apr 1957,
pp 1-84.

*JPRS

Translations on Communist China's Economic
Services: Featuring "China's Planned Reproduction
and Population Increase," (NY-3506/1).

CHINESE, np, per, 1 May-17 Jul 1959.

*JPRS

Several Problems Relating to the Legal System
of the Chinese People's Democracy, 17 pp.
CHINESE, per, Cheng-fa Yen-chiu, No 2, 1959,
pp 3-8.

JPRS-1858-N

The Appearance of the People's Communes Marks
a New Stage in the Development of Political
Authority at the Basic Level, 11 pp.
CHINESE, per, Cheng-fa Yen-chiu, No 2, Apr 1959,
pp 30-33.

JPRS-1858-N

The Organizational Principle of the People's
Commune: Democratic Centralism, by Tseng
Ch'ing-min, 6 pp.
CHINESE, per, Cheng-fa Yen-chiu, No 2, Apr 1959,
pp 38-40.

JPRS-1858-N

Far East
Economic (Contd)

Discussing the Contract System, by Hsieh Ming,
9 pp.

CHINESE, per, Cheng-fa Yen-chiu, No 2,
Apr 1959, pp 41-43.

JPRS-1858-N

The Problem of the Vestiges of Bourgeois
Legal Rights, 18 pp.

CHINESE, per, Cheng-fa Yen-chiu, No 2,
Apr 1959, pp 44-50.

JPRS-1858-N

On the Problem of Distribution According to
Labor and the Vestiges of Bourgeois Legal
Rights, by Sun Yeh-ming, 9 pp.

CHINESE, per, Cheng-fa Yen-chiu, No 2,
Apr 1959, pp 51-54.

JPRS-1858-N

Report of Kiangsi Organization Committee on
Continued Simplification of Structure and
Strengthening of the Labor Front, 20 pp.
CHINESE, np, Chiang-hsi Jih-pao, 30 Nov
1957, Nan-ch'ang, p 2.

JPRS-780-D

Work Report of the Kiangsi Provincial People's
Council, by Shao Shih-p'ing, 32 pp.

CHINESE, np, Chiang-hsi Jih-pao, 24 Jun 1958,
Nan-ch'ang, pp 1-3.

JPRS-780-D

A. Motor Cars Made in China; B. Plastic
Automobiles, 6 pp.

CHINESE, per, Ch'i-ch'e, No 12, 1958, p 33.

319th MI Bn, H-3326

Motor Car, 3 pp.

CHINESE, per, Ch'i-ch'e, No 1, 1959, pp 1, 34.

ACSI, H-3852

Motor Car, 11 pp.

CHINESE, per, Ch'i-ch'e, No 3, 1959, pp 28, 29.

ACSI, H-3853

Far East
Economic (Contd)

Heilungkiang 1958 Work Report, by Ou-yang Ch'in, 49 pp.

CHINESE, np, Heilungkiang Jih-pao, Harbin, 25 Jan 1959, pp 1-3.

JPRS-1878-N

Hopeh Province Government Work Report, by Liu Tzu-hou, 28 pp.

CHINESE, np, Hopeh Jih-pao, Tientsin, 29 Oct 1958, p 2.

JPRS-1877-N

Hopeh Provincial Judicial Report, by Wu Ch'ing-ch'eng, 11 pp.

CHINESE, np, Hopeh Jih-pao, Hopeh, 29 Oct 1958, p 5.

JPRS-1877-N

Selected Translations and Extracts on Communist China Chemical Industry, 23 pp.
CHINESE, per, Hua-hsueh Kung-yeh, No 8, Peiping, 21 Apr 1959, pp 5-7, 9-11, 21-23; No 9, 6 May 1959, pp 9, 11, 12, 16, 17, 19, 23-25, 36, 37.

JPRS-912-D

The Experiment With Deep Ploughing in the Hsu-chang Area, by Li Shih, 6 pp.

CHINESE, per, Hua-tung Nung-yeh K'o-hsueh T'ung-pao, No 10, 1958, pp 508, 531.

JPRS-897-D

Improved Technique for Drying Sweet Potato Slices by Sunlight, by Hung Kai-wei, Wu Chih-ch'iang, 10 pp.

CHINESE, per, Hua-tung Nung-yeh K'o-hsueh T'ung-pao, No 10, 1 Oct 1958, pp 532-534.

JPRS-897-D

Experiences Related to Increased Production on 330 Parcels of Early Crop 10,000-Catty Fields in the Hsiao-kan Special District, 20 pp.

CHINESE, per, Hua-tung Nung-yeh K'o-hsueh T'ung-pao, No 12, 1958, pp 596-599.

JPRS-897-D

Report of an Investigation Into the Increased Production in the Early Direct Planting of Water Rice Paddies, 9 pp.

CHINESE, per, Hua-tung Nung-yeh K'o-hsueh T'ung-pao, No 12, 1958, pp 602-604.

JPRS-897-D

Far East
Economic (Contd)

A Technical Report on the Planting of Sweet Potatoes in Several Critical Hsiens in Kiangsu Province, 14 pp.

CHINESE, per, Hua-tung Nung-yeh K'o-hsueh T'ung-pao, No 12, 1958, pp 605-608.

JPRS-897-D

Review of Hsu Ti-hsin's "An Analysis of the National Economy in China's Transitional Period," by Yang Chien-pai, 6 pp.

CHINESE, np, Jen-min Jih-pao, 25 Jun 1959, p 7.

JPRS-1874-N

Hydraulic Coal Mining Demonstrating Its Power, by K'ai-luan Lin-hsi, 4 pp.

CHINESE, per, Mei-k'uang Chi-shu, No 3, Peiping, 1 Feb 1959, pp 3, 15, 16.

JPRS-1901-N

Major Experiences of K'ai-luan Coal Mines in Carrying Out Large Area High Production During 1958, by Liu Hui, Chao Pang-jung, 4 pp.

CHINESE, per, Mei-k'uang Chi-shu, No 3, Peiping, 1 Feb 1959, pp 4-9.

JPRS-1901-N

Principal Experiences in Rapid Construction of Shafts and Roadways by Ta-T'ung Coal Mines, by Ch'iao Lin, 3 pp.

CHINESE, per, Mei-k'uang Chi-shu, No 4, Peiping, 16 Feb 1959, p 3.

JPRS-1901-N

How to Increase the Rate of Advance of Recovery Working Faces, by Pi Hua-chao, 9 pp.

CHINESE, per, Mei-k'uang Chi-shu, No 5, Peiping, 1 Mar 1959, pp 25-28.

JPRS-1901-N

To Move Forward With a Maximum Effort on the Heels of Victory, 6 pp.

CHINESE, per, Mei-t'an Kung-yeh, No 6, Peiping, 14 Mar 1959, pp 4-8.

JPRS-1901-N

Raise the Red Flag of Large Area Abundant Production to Fight to Guarantee "380 Million," 11 pp.

CHINESE, per, Mei-t'an Kung-yeh, No 6, Peiping, 14 Mar 1959, pp 11-15.

JPRS-1901-N

Far East
Economic (Contd)

Province and Area 1959 Coal Production
Goals, 16 pp.

CHINESE, per, Mei-t'an Kung-yeh, No 6,
Peiping, 14 Mar 1959, pp 17-24.

JPRS-1901-N

Opinions on Reducing Timber Consumption
During the Second Five-Year Plan Period,
by Chao T'ien-ch'ing, 7 pp.

CHINESE, per, Mei-t'an Kung-yeh, No 1,
4 Jan 1958, pp 32, 33.

JPRS-887-D

Advantages of Hydraulic Coal Mining Based on
Actual Cost Reductions, by Kuo Yung-fang, Wei
Chung-fang, 5 pp.

CHINESE, per, Mei-t'an Kung-yeh, No 9, 4 May
1958, pp 32, 33.

JPRS-887-D

The Lao-ha-ho Coal Field Will Be Developed
This Year, by Chang Yueh-t'ing, 4 pp.

CHINESE, per, Mei-t'an Kung-yeh, No 9,
4 May 1958, p 34.

JPRS-887-D

The Quality of Coal Must Be Greatly Improved,
by Liu K'o-hsien, 4 pp.

CHINESE, per, Mei-t'an Kung-yeh, No 10,
19 May 1958, p 23.

JPRS-887-D

Experiences on Rapid Excavation of Tunnels
by the Ma Wan-shui Excavation Crew, 3 pp.

CHINESE, per, Mei-t'an Kung-yeh, No 12,
19 Jun 1958, pp 21-26.

JPRS-887-D

The New Phenomenon of Leap Forward Production,
3 pp.

CHINESE, per, Mei-t'an Kung-yeh, No 14, 24 Jul
1958, p 21.

JPRS-887-D

Our Country's Coal Industry has Leaped Into
World Leadership in Terms of Technology, by
Liang Kuan-li, 3 pp.

CHINESE, per, Mei-t'an Kung-yeh, No 16,
19 Aug 1958, pp 10, 11.

JPRS-887-D

Far East
Economic (Contd)

The Ning-Hsia Hui Autonomous Region During the Great Leap Forward, 10 pp.

CHINESE, per, Min-tsu Yen-chiu, No 4, 4 Dec 1958, pp 10-14.

JPRS-879-D

The Great Leap Forward Accomplishments of the Tu-erh-pai-t'e Mongol Autonomous Hsien, by Kao Hsi-t'ang, 4 pp.

CHINESE, per, Min-tsu Yen-chiu, No 4, 4 Dec 1958, pp 15, 16.

JPRS-879-D

Destroy Superstition, Liberate Ideology, a Report on the People of Keng-ma Hsien, Yunnan, by Wang Tao-chuan, 4 pp.

CHINESE, per, Min-tsu Yen-chiu, No 4, 4 Dec 1958, pp 17-19.

JPRS-879-D

A Great Victory of the Party's Policy in Regard to Minority Nationalities: A Comparison of the Past and Present of the Feng-hsi-chai People in Western Hunan, 16 pp.

CHINESE, per, Min-tsu Yen-chiu, No 4, 4 Dec 1958, pp 20-29.

JPRS-879-D

The O-wen-k'o People in the Direct Transition From Primitive Communes to Socialism, by Lu Kuang-t'ien, 14 pp.

CHINESE, per, Min-tsu Yen-chiu, No 4, 4 Dec 1958, pp 30-37.

JPRS-879-D

Progress Reports of the Teams Investigating the Social History of the Minorities, 8 pp.

CHINESE, per, Min-tsu Yen-chiu, No 4, 4 Dec 1958, pp 39-42.

JPRS-879-D

Important News From Local Minority Newspapers, 14 pp.

CHINESE, per, Min-tsu Yen-chiu, No 4, 4 Dec 1958, pp 43-48.

JPRS-879-D

Historical Relations Between the Tibet Region and the Motherland, by Tzu Yuan, 20 pp.

CHINESE, per, Min-tsu Yen-chiu, No 4, 1959, pp 1-13.

JPRS-862-D

Far East
Economic (Contd.)

The Reactionary Nature of the Tibet Local Government, by Hsian Yang, 16 pp.
CHINESE, per, Min-tsu Yen-chiu, No 4, 1959, pp 13-22.

JPRS-862-D

We Can Certainly Make a Bigger and Better All-Round Leap Forward This Year, by Lu Ta, Chi Cheng, 6 pp.
CHINESE, per, Min-tsu Yen-chiu, No 4, 1959, pp 23-25.

JPRS-862-D

Discussion of Some Lessons Connected With the Movement Toward Communes in the Hsi-shuang-pan-na [Tai Autonomous Chou], by Hsu Shao-yen, 8 pp.
CHINESE, per, Min-tsu Yen-chiu, No 4, 1959, pp 26-30.

JPRS-862-D

Problems of Water Conservation Construction in China, 16 pp.
CHINESE, per, Shui-li Yu Tien-li, No 2, 20 Jan 1959, pp 23, 26; No 3, 5 Feb 1959, pp 35-37; No 4, 20 Feb 1959, pp 19-24.

JPRS-922-D

Water and Soil Conservation Problems of the Kuan-t'ing-shan Gorges of the Yung-ting Ho, by Chao Sung-ch'iao, (DC-3506/3).
CHINESE, per, Ti-li Chi-k'an, No 1, Oct 1957, pp 1-37.

*JPRS

Guarantee a Continued Leap Forward of the Paper Manufacturing Industry by Maintaining Production and Increasing Production While Economizing on Power Consumption Through Technical Innovations and Extensive Organization of Small Plants, by Wang Hsin-yuan, 7 pp.
CHINESE, per, Tsao-chih Kung-yeh, No 11, 1958, pp 2-4.

JPRS-899-D

Technical Summary of the Fifth National Pulp Production Technical Exchange Conference, by Ch'en P'eng-mien, 9 pp.
CHINESE, per, Tsao-chih Kung-yeh, No 11, 1958, pp 16-18.

JPRS-899-D

Far East
Economic (Contd)

Raise the Production Potential of Mill Equipment and Increase New Products, by A. E. Po-li-ya-ko-fu, 9 pp. CHINESE, per, Tsao-chih Kung-yeh, No 12, 1958, pp 12-14.

JPRS-899-D

Tsinghai 1958 Work Report and 1959 Work Plans, by Yuan Jen-yuan, (NY-3505/6). CHINESE, np, Tsinghai Jih-pao, 21 May 1959, pp 1-3.

*JPRS

Translations on the Communist Far East (East European Publications) Featuring: Soviet Aid to and Foreign Trade of Communist China, (NY-3502/2). GERMAN, monograph, Volksrepublik China-ein Wirtschaftlicher Uberblick, Dresden, Jul 1959, pp 34, 35; 89-93.

*JPRS

Banking System of People's Republic of China, (NY-2989). GERMAN, monograph, Volksrepublik China-ein Wirtschaftlicher Uberblick, Dresden, Jul 1959, pp 41-44.

*JPRS

The Ways and Means of Solving Social Contradictions in the Chinese People's Republic, by Gyorgy Fukasz, (NY-3502/3). HUNGARIAN, per, Magyar Filozofiai Szemle, Vol III, No 1, 2, 1959, pp 114-126.

*JPRS

Machinery Industry in China After the Great Leap Forward, by Ozaki Shotaro, (DC-3505/1). JAPANESE, per, Ajia Keizai Jumbo, No 401, 10 Jul 1959, pp 1-12.

*JPRS

Extracts From Japanese Document on Japan's Chemical Industry, by Yujiro Hayashi, 75 pp. JAPANESE, per, Nihon no Kagaku Kogyo, 30 Nov 1958.

JPRS-921-D

Far East
Economic (Contd)

Economic and Statistical Information on
North Korea, 202 pp.

KOREAN, bk, Choson Chungang Nyongam,
P'yongam, 1958, pp 102-137, 175-212.

JPRS-901-D

Translations on the Communist Far East
(East European Publications), by Jerzy Morawski,
(NY-3502/1).

POLISH, per, Nowe Drogi, No 7, Warsaw, Jul 1959,
pp 91-104.

*JPRS

Agricultural Reforms and Cooperativization in
North Vietnam and North Korea, by K. M.
Popova, V. A. Zelentsov, N. P. Semenova, 27 pp.
RUSSIAN, bk, Voprosy Ekonomiki Stran Vostoka,
1958, pp 38-70.

JPRS-894-D

China's Paper Industry, by N. I. Shvetsov.
RUSSIAN, per, Byul Tekh-Ekon Informatsii,
No 3, 1957, pp 78-80.

ILLU Tr Bul Aug 1959

Exports of Animal Husbandry Products From the
Mongolian People's Republic, by S. Karepin,
(NY-3504/2).

RUSSIAN, per, Vnesh Torg, No 12, Moscow, 1958,
pp 23-26.

*JPRS

Far East
Political

Chinese-Communist Propaganda Leaflets
Dropped on Formosa During the First
Quarter, 1959.
CHINESE, 1959.

ACSI, H-4359

Selected Articles on Minority Nationali-
ties From Chinese Communist Newspapers,
(DC-2993).
CHINESE, np, 1958-1959.

*JPRS

Will Money Be Useless After the Distribution
System Goes Into Effect?, by Wang Mao-pai, 4 pp.
CHINESE, per, Chan Wang, No 49, 5 Dec 1958,
Peiping, pp 10, 11.

JPRS-914-D

How the Tung-shan People's Commune in Chiang-
ning Hsien, Kiangsu Province, Implements the
Distribution of Goods Through Socialist and
Communist Education, 6 pp.
CHINESE, per, Chan Wang, No 51, 19 Dec 1958,
Peiping, pp 24-25.

JPRS-914-D

A Discussion on Reorganizing and Strengthening
the People's Communes, by Chou Pin, 3 pp.
CHINESE, per, Chan Wang, No 3, 16 Jan 1959,
Peiping, pp 8, 9.

JPRS-914-D

For Whom Is Feng Yu-Lan's Philosophy?, by
Wang Tzu-sung, 12 pp.
CHINESE, per, Che-hsueh Yen-chiu, No 1, 1959,
pp 32-36.

JPRS-919-D

The True Nature of the New Metaphysics, by
Feng Yu-lan, 26 pp.
CHINESE, per, Che-hsueh Yen-chiu, No 1, 1959,
pp 37-49.

JPRS-919-D

Law Work and the Implementation of the
Resolution of the Sixth Plenary Session of the
Eighth Central Committee of the Chinese
Communist Party, 6 pp.
CHINESE, per, Cheng-fa Yen-chiu, No 1, 1959,
pp 1-3.

JPRS-1861-N

Far East
Political Science

Discourse on Uniting the Political and Social; the Functions of the Communes, by Wu Shan, Shou K'ang-hou, 13 pp. CHINESE, per, Cheng-fa Yen-chiu, No 1, 1959, pp 4-8.

JPRS-1861-N

The Nature of the System of Ownership in the People's Communes, by Wang Shu-wen, 10 pp. CHINESE, per, Cheng-fa Yen-chiu, No 1, 1959, pp 9-11.

JPRS-1861-N

Changes in the Family System Will Benefit Productive Capacity, by Yang Ta-wen, Hsu Ch'ing, Hsiao Shu-hui, 13 pp. CHINESE, per, Cheng-fa Yen-chiu, No 1, 1959, pp 27-30.

JPRS-1861-N

On Understanding the Theory of the Dictatorship of the Proletariat; Incorrect Views Left Over From the Old Concepts of Law, by Lu Chien-kuang, 13 pp. CHINESE, per, Cheng-fa Yen-chiu, No 1, 1959, pp 39-43.

JPRS-1861-N

The 1959 Policy for Overseas Chinese Affairs, 4 pp. CHINESE, per, Ch'iao-wu-pao, No 12, 1958, Peiping, p 2.

JPRS-915-D

Report on 1958 Program of Overseas Chinese Commission, by Chuang Hsi-ch'uan, 5 pp. CHINESE, per, Ch'iao-wu-pao, No 12, 1958, pp 5, 6.

JPRS-915-D

1959 New Year Broadcast to Overseas Chinese, by Ho Hsing-ning, 3 pp. CHINESE, per, Ch'iao-wu-pao, No 1, 1959, pp 2, 3.

JPRS-915-D

Readjustment of Interest Rates of Deposits and the Problem of Overseas Chinese Investments, by Yu Jen, 6 pp. CHINESE, per, Ch'iao-wu-pao, No 4, 1959, pp 20, 21.

JPRS-1875-N

Far East
Political (Contd)

Socialist and Communist Education for the Families of Overseas Chinese and for Returned Overseas Chinese, by T'an Chun-yin, 7 pp. CHINESE, per, Chiao-wu-pao, No 5, 20 May 1959, pp 21, 22.

JPRS-1875-N

Advance a Step in Implementing the Education Policy of the Party, Improve the Quality of Supplementary Education for Returned Overseas Chinese, by Chang Fan, (NY-3503/6). CHINESE, per, Ch'iao-wu-pao, No 7, 20 Jul 1959, pp 2-5.

*JPRS

Strengthen the Basic-Level Organization in the Agricultural Village Teams, by Ting Hao, (NY-3503/6). CHINESE, per, Chung-kuo Ch'ing-nien, No 15, 1 Aug 1959, pp 31, 32.

*JPRS

Problems in Work Among the Young Pioneers, by Wang Chih-hsing, (NY-3503/6). CHINESE, per, Fu-tao-yuan, No 8, 12 Aug 1959, pp 2, 3.

*JPRS

Subjective Dynamism and the Superstructure Can Under Certain Conditions Produce Decisive Effects, by Hsu I-jiang, Lin Ching-yao, 6 pp. CHINESE, per, Hsin Chien-she, No 3, 1959, pp 44-46.

JPRS-1875-N

Reports From China, 89 pp. CHINESE, per, Hsin Chien-she, No 4, 7 Apr 1959.

JPRS-892-D

Problems in the Present Study of History, by Kuo Mo-jo, 14 pp. CHINESE, per, Hsin Chien-she, No 4, 1959, pp 1-5.

JPRS-1875-N

Translations From Communist China's Political and Sociological Publications. The May 4th Movement and the Reform of the Intellectuals, by Hsu T'e-li, 8 pp. CHINESE, per, Hsin Chien-she, No 5, 1959, pp 1-3.

JPRS-1875-N

Far East
Political (Contd)

Significant National-International Developments During 1-14 June 1959, 16 pp.
CHINESE, per, Hsin-hua Pan-yueh-k'an, No 12, 25 Jun 1959, pp 187-189.

JPRS-892-D

Communist China Digest, (DC-3503/4).
CHINESE, per, Hsin-hua Pan-yueh-k'an, No 15, Peiping, 10 Aug 1959, pp 182-185.

*JPRS

Communist China Digest, 1-15 August 1959.
Part I. Important International and National Events (1-15 Aug 1959), (DC-3503/5).
CHINESE, per, Hsin-hua Pan-yueh-k'an, No 16, 27 Aug 1959, pp 183-185.

*JPRS

Chronology of Events in Tibet, 1949-1959, 32 pp.
CHINESE, monograph, Hsi-tsang Ta Shih-chi, 1949-1959, Peiping, 1959, pp 1-34.

JPRS-831-D

Several Problems in Leadership Over Agricultural Production, by Tseng Hsi-sheng, 13 pp.
CHINESE, per, Hung-chi, No 12, 16 Jun 1959, pp 1-8.

JPRS-908-D

The Development of Natural Science and Its Relation to Production, by Kung Yu-chih, 14 pp.
CHINESE, per, Hung-chi, No 12, 16 Jun 1959, pp 9-17.

JPRS-908-D

The Dialectical Viewpoint in Water Harnessing Work, by Li Fan-fu, 11 pp.
CHINESE, per, Hung-chi, No 12, 16 Jun 1959, pp 23-29.

JPRS-908-D

Advance a Step in Strengthening and Stabilizing the Worker-Peasant Alliance, by Teng Chih, 11 pp.
CHINESE, per, Hung-chi, No 12, 16 Jun 1959, pp 30-37.

JPRS-908-D

In Regard to the Problem of the Form of Commodity Prices Within the System of Ownership by All the People, by Hu Chun, 17 pp.
CHINESE, per, Hung-chi, No 12, 16 Jun 1959, pp 38-49.

JPRS-908-D

Far East
Political (Contd)

Communist Party Members are the Children of the Laboring Classes, by Hung Yu, 3 pp.
CHINESE, per, Hung-ch'i, No 13, 1 Jul 1959, pp 14, 15.

JPRS-917-D

Relying on the Masses Is the Life-Line of all Work, by Mao Fu-chun, Ch'in Yu-chen, Ch'en Li-yen, 7 pp.
CHINESE, per, Hung-chi, No 13, 1 Jul 1959, pp 16-19.

JPRS-917-D

Speed, Quality, by Ts'ao Pao-ming, 7 pp.
CHINESE, per, Hung-chi, No 13, 1 Jul 1959, pp 20-24.

JPRS-917-D

Emphasize the Present Rather than the Past, Do and Study Simultaneously, by Ch'en Po-ta, 6 pp.
CHINESE, per, Hung-chi, No 13, 1 Jul 1959, pp 46-49.

JPRS-917-D

Strengthen the Aid Given by Industry to Agriculture, by Wang Kuang-wei, (DC-3502/6).
CHINESE, per, Hung-ch'i, No 16, 16 Aug 1959, pp 4-12.

*JPRS

The Red, Diligent, and Skillful Emulation Movement in the Shansi Villages, by Shih Chi-yen, Liu Shan, Wu Yun, (DC-3502/6).
CHINESE, per, Hung-ch'i, No 16, 16 Aug 1959, pp 20-23.

*JPRS

On Peaceful Competition, by Yu Chao-li, (DC-3502/6).
CHINESE, per, Hung-ch'i, No 16, 16 Aug 1959, pp 24-27.

*JPRS

Regarding Investigations on the Economic Results of Deep Plowing, Thick Planting, Fertilizer Application, and Replanting for Wheat, (DC-3502/6).
CHINESE, per, Hung-ch'i, No 16, 16 Aug 1959, pp 31-37.

*JPRS

Far East
Political (Contd.)

The Problem of Commodities Production and the Law of Value in an Economy of Ownership by All the People, by Su Hsing, (DC-3502/6).

CHINESE, per, Hung-ch'i, No 16, 16 Aug 1959, pp 38-49.

*JPRS

How Should Marxists Treat the Mass Movements of the Revolution, by Hou Yung, Wang Yu-ming, (DC-3502/7).

CHINESE, per, Hung-ch'i, No 17, Peiping, 1 Sep 1959, pp 14-25.

*JPRS

The People's Communes Participate in Transport, by Chang Pang-ying, (DC-3502/7).

CHINESE, per, Hung-ch'i, No 17, Peiping, 1 Sep 1959, pp 30-35.

*JPRS

Kishi Is Pushing Japan to the End of the Road, by Chen Hsin, (DC-3502/7).

CHINESE, per, Hung-ch'i, No 17, Peiping, 1 Sep 1959, pp 45-49.

*JPRS

A Preliminary Criticism of Capitalist International Law, by T'iao Yo, (NY-3503/6).

CHINESE, per, Kuo-chi Wen-t'i Yen-chiu, No 3, 3 Jul 1959, pp 1-9.

*JPRS

The Situation in the Caribbean Sea, by Yen Chin, (NY-3503/6).

CHINESE, per, Shih-chieh Chih-shih, No 15, 5 Aug 1959, pp 7, 8.

*JPRS

Our Attitude Regarding Comrade Mao Tse-tung's Carrying the Responsibility of Leadership of the Party and State, 11 pp.

CHINESE, monograph, Wo-men Tui-yu Mao Tse-tung T'ung-ch'ih Tan-jen Tang-huo-kuo-chia Ling-tao Jen-te T'ai-tu, 1958, pp 1-4.

JPRS-L-947-N

The Rediscovery of Our Revolution, Speech by President Sukarno.

INDONESIAN, rpt, Encl to Desp No 136, AmEmbassy, Djakarta, 19 Aug 1959.

Dept of State
4240202

Speeches by President Sukarno, 2-17 Jul
1959, 3 pp.

INDONESIAN, rpt, Encl to Desp No 137,
Embassy, Djakarta, 19 Aug 1959.

Dept of State
4240220

A Chinese Martyr Diocese in Swatow, (DC-3061).
ITALIAN, np, L'Osservatore Romano, Rome,
19 Jul 1959, p 5.

*JPRS

"Ad Apostolorum Principis" Encyclical in
China, (DC-3061).
ITALIAN, np, L'Osservatore Romano, Rome,
25 Jul 1959, p 3.

*JPRS

New Obstacles to Catholic Worship in China,
(DC-3061).
ITALIAN, np, Quotidiano, Rome, 11 Jun 1959,
p 2.

*JPRS

Chinese Police State in Tibet; Many Young Men
in Forced Labor, (DC-3061).
ITALIAN, np, Quotidiano, Rome, 13 Aug 1959,
p 3.

*JPRS

Another Chinese Priest Sentenced to Forced Labor,
(DC-3061).
ITALIAN, np, Quotidiano, Rome, 18 Aug 1959,
p 5.

*JPRS

Heroism of Persecuted Church in China,
(DC-3061).
ITALIAN, np, Quotidiano, Rome, 21 Aug 1959,
p 3.

*JPRS

Selected Translations on North Korea: Tables
of Contents of Political, Legal, and
Sociological Periodicals, (DC-3508/2).
KOREAN, per, P'yongyang, 1959.

*JPRS

Far East
Military

The Chinese Communist Navy "Self-Repair"
Program, by Teng Chao-hsiang, 7 pp.
CHINESE, np, Jen-mih Jih-pao, 1 May 1959.

Navy/ONI 5071730

History of the Communist Chinese Navy, 18 pp.
JAPANESE, rpt, Tokyo, 29 Jul 1959.

Navy/ONI 5076541

US Air Force Bases in Vietnam.
RUSSIAN, np, Sovet Aviatsiya, 12 Aug 1959,
p 3.

*AID

Far East
Political (Contd)

Speeches by President Sukarno, 6-17 Jul
1959, 8 pp.

INDONESIAN, rpt, Encl to Desp No 137,
AmEmbassy, Djakarta, 19 Aug 1959.

Dept of State
4240220

A Chinese Martyr Diocese in Swatow, (DC-3061).
ITALIAN, np, L'Osservatore Romano, Rome,
19 Jul 1959, p 5.

*JPRS

"Ad Apostolorum Principis" Encyclical in
China, (DC-3061).
ITALIAN, np, L'Osservatore Romano, Rome,
25 Jul 1959, p 3.

*JPRS

New Obstacles to Catholic Worship in China,
(DC-3061).
ITALIAN, np, Quotidiano, Rome, 11 Jun 1959,
p 2.

*JPRS

Chinese Police State in Tibet; Many Young Men
in Forced Labor, (DC-3061).
ITALIAN, np, Quotidiano, Rome, 13 Aug 1959,
p 3.

*JPRS

Another Chinese Priest Sentenced to Forced Labor,
(DC-3061).
ITALIAN, np, Quotidiano, Rome, 18 Aug 1959,
p 5.

*JPRS

Heroism of Persecuted Church in China,
(DC-3061).
ITALIAN, np, Quotidiano, Rome, 21 Aug 1959,
p 3.

*JPRS

Selected Translations on North Korea: Tables
of Contents of Political, Legal, and
Sociological Periodicals, (DC-3508/2).
KOREAN, per, P'yongyang, 1959.

*JPRS

Far East
Geographic

Natural Regions of the Wu-Ting-Ho Valley
in Northern Shensi, by Ch'i Yen-nien, 12 pp.
CHINESE, per, Ti-li-hsueh Tze-liao, No 1,
Nanking, 1957, pp 8-15.

JPRS-782-D

Sketches on Land Forms in the Ta-tung Basin
in Northern Shansi, by Ts'ao Chia-hsin, 11 pp.
CHINESE, per, Ti-li-hsueh Tzu-liao, No 1,
Nanking, 1957, pp 40-45.

JPRS-783-D

The Thai Meo Autonomous Zone or the Story of
Victory in the Realization of Our Ethnic Policy,
by Le Vu, 5 pp.
VIETNAMESE, per, Qua Quoc, 10 May 1959, Hanoi,
No 2911, pp 1, 3.

JPRS-1881-N

Four Years of Progress in the Thai-Meo
Autonomous Zone, by Chi Huy Man, 6 pp.
VIETNAMESE, per, Nhan Dan, 11 May 1959,
Hanoi, No 1, p 3.

JPRS-1881-N

A Visit to the Northwest, by Van Khuyen, 6 pp.
VIETNAMESE, per, Nhan Dan, 7 Jul 1959, Hanoi,
No 1909, p 2.

JPRS-1881-N

Duties of Viet Bac Autonomous Zone in 1959, 10 pp.
VIETNAMESE, per, Viet Nam Doc Lap, 12-18, 19-25 Apr
1959, Thai Nguyen, Nos 723, 724, pp 3, 5.

JPRS-1881-N

Far East
Sociological

Learning the Party's Educational Aim, by
Huang Chi, 18 pp.
CHINESE, per, Pei-ching Shih-ta Hsueh-pao,
No 1, 1959, pp 1-12.

JPRS-909-D

Report on Inspection of Tientsin Half-Work
Half-Study Schools, by Lin Chih-wo, 14 pp.
CHINESE, per, Pei-ching Shih-ta Hsueh-pao,
No 1, 1959, pp 19-29.

JPRS-909-D

Survey of Red and Expert Commune Universities
in Honan, by Li K'uang-chih, 12 pp.
CHINESE, per, Pei-ching Shih-ta Hsueh-pao,
No 1, 1959, pp 37-45.

JPRS-909-D

Information for Tourists in Communist China,
(NY-2989).
GERMAN, monograph, Volksrepublik China-ein
Wirtschaftlicher Überblick, Dresden, Jul 1959,
pp 100-109.

*JPRS

WESTERN EUROPE

Economic

Material Pertaining to Telecommunications.
DUTCH, bk, Jaarverslag PTT, 1956.

*ACSI, H-4656

The Place of the National Railway Company
(Railroads) of Belgium in the National Economy,
by J. Herinckx-Pirlôt, J. P. Leburton, C. L.
Magnes, 33 pp.

FRENCH, rpt, La Place de la Société Nationale
des Chemins de fer Belges dans l'Economie
Nationale, Brussels.

ACSI, H-4679

Efforts With View to the Improvement of
Schedules, 5 pp.
FRENCH, bk, Sur le Dzeur-Niger, pp 10-13.

ACSI, H-4576

1. Hospital of the Sky; 2. Packaging Test
Center.

FRENCH, per, Forces Françaises, Jun 1959,
pp 69-71, 102-106.

*ACSI, H-4618

Technical Characteristics of Chinon (Atomic
Power Station), by Francis Gerard, 9 pp.
FRENCH, per, Industries Atomiques, Vol III,
No 5/6, 1959, pp 81-84.

JPRS-L-1879-D

Account of First Two Years of 1957-1961 Atomic
Plan and Program for 1959, 9 pp.
FRENCH, per, Industries Atomiques, Vol III, No 5/6,
1959, pp 91-95.

JPRS-L-1880-D

Observations on East/West Trade in April 1959,
13 pp.

GERMAN, rpt, Beobachtungen zum Ostverkehr im
Monat April 1959.

Navy/ONI 5072975

Observations on East/West Trade in May 1959,
13 pp.

GERMAN, rpt, Beobachtungen zum Ostverkehr im
Monat Mai 1959.

Navy/ONI 5074851

Western Europe
Economic (Contd)

Highway Traffic Agreement Between Austria
and Hungary, 3 pp.
GERMAN, per, Verkehr, No 24, Vienna, 13 Jan
1959, p 849.

JPRS-L-943-N

Activation of the New, Pushbutton-Type,
Electric Routing Central Apparatus at
Naples Central Station - Activation of
Electric Installations No 44, 8 pp.
ITALIAN, rpt, Attivazione del Nuovo Apparato
Centrale Elettrico a Itinerari del Tipo a
Pulsantia Nella Stazione di Napoli C,
1956-1958.

ACSI, H-3776

Installation of the Central Operation Controller's
Office at the Bologna RR Node, 7 pp.
ITALIAN, rpt, Impianto del Dirigente Centrale
Operativo del Nodo di Bologna, 1956-1958.

ACSI, H-3776

Western Europe
Political

Charter of Kingdom of the Netherlands.

DUTCH, rpt, Encl to Desp No 270, AmConsulate, Paramaribo, 30 June 1959.

Dept of State
 4284559

Draft Law Submitted on 9 June 1959 by the Belgian Government to the Senate on Protection Against the Abuse of Economic Power, 11 pp. FRENCH, rpt, Encl to Desp No 81, AmEmbassy, Brussels, 24 Jul 1959.

Dept of State
 4236294

Theses Adopted by the 15th Congress of the French Communist Party 24-28 June 1959, 33 pp. FRENCH, np, L'Humanite, 4 Jul 1959, Paris, pp 5-7.

JPRS-918-D

The Beginnings of the Fifth Republic, by Pierre Viansson-Ponte, 19 pp. FRENCH, np, Le Monde, Paris, 21-24 Jul 1959.

JPRS-L-1850-D

Program of Swiss Party of Labor (Communist) Adopted at VII Congress, Geneva, 16-18 May 1959, 38 pp. GERMAN, np, Vorwaerts, Basel, 19 Jun 1959, pp 9-20.

JPRS-896-D

Rules and Regulations of the Spanish Diplomatic School, 11 pp. SPANISH, rpt, Encl to Desp No 92, AmEmbassy, Madrid, 30 Jul 1959.

Dept of State
 4239892

Western Europe
Military

Armored Infantry, by J. Van Elsen, 5 pp.
DUTCH, per, De Militaire Spectator, No 6,
1959, pp 233-236.

ACSI, E-4615

At the Ordnance School, by Maj A. Durieux,
5 pp.
FRENCH, per, L'Armee-La Nation, No 2, 1959,
pp 13-16.

ACSI, H-3777

Principal Items of Interest About the French
Navy (Weekly Official News Bulletin), 4 pp.
FRENCH, per, Bulletin d'Information de la
Marine Nationale, No 23, June 1959.

Navy/ONI 5074207

Structure and Means of Our Research for
Defense, 10 pp.
FRENCH, per, Revue Militaire d'Information,
No 303, Mar 1959, pp 7-16.

ACSI, H-4092

Uniform Components and Description of Uniform
for Various Occasions, 18 pp.
GERMAN, rpt, Austria, 1956, pp 1-4.

ACSI, H-4577

LATIN AMERICA

Economic**The Port of Salvador.**

PORTUGUESE, per, Portos e Navios,
Sep/Oct 1958, pp 13-15.

NAVY 2217/ONI 500

Political

Cuban Government Law 103 -- Revised Law on
Cartographic Agency, 15 pp.
SPANISH, rpt, 23 Feb 1959.

ID 2113005

Declaration of the Central Committee of the
Communist Party of Argentina on the Recent
Government Crisis and the Prospect of
Development of the National Situation, 29 Jun
1959, 3 pp.
SPANISH, np, El Popular, 3, 9, Jul 1959,
Montevideo, p 2.

JPRS-9000

Report of Secretary-General Corvalan to Plenum
of Central Committee of Chilean Communist Party,
Santiago, 10 May 1959, 27 pp.
SPANISH, np, El Siglo, Santiago, 11 May 1959,
pp 3-12.

JPRS-396-D

Sociological

Venezuela: The 1960 Census Program. The
First Trial Census. Proposed Census and
Housing Schedule. Section "B" - Personal
Data, 5 pp.
SPANISH, rpt, Venezuela: Programa Censal de 1960.
Primer Censo Experimental. Proyecto del
Cuestionario Demografico y de la Vivienda. Seccion
"B" - Datos Personales, Caracas, 1959.

Bu of Census

Military

Uniform Regulations for Officers of the
Paraguayan Army.
Spanish, 1944.

*ACSI. H-4.21

Lists of Schools and Courses Being Given by
Argentine Army, 7 pp.
SPANISH, rpt, 31 Jul 1959.

ID 2113043

SCIENTIFIC

Aeronautics

Technical Characteristics of Soviet Aircraft

Direct Current Machines and the Materials Used
For Their Construction, by A. I. Bertinov,
G. A. Riznik, 17 pp.

RUSSIAN, bk, Proyektirovaniye Aviatsionnykh
Elektricheskikh Mashin Postoyannogo Toka,
Moscow, 1958, Chap I, X, pp 5-8, 10-12, 119-146,
399, 407-409.

AF 1255952

A Multipurpose Helicopter, by V. Biryulin, 7 pp.
RUSSIAN, per, Krylya Rodiny, No 4, 1959, pp 20, 21.

AF 1255951

Hard-Working Wings, by P. Astashenkov.
RUSSIAN, per, Krylya Rodiny, No 5, 1959,
pp 22-24.

*ATIC MCL-348/V

The YAK-12A Aircraft, by L. Sokolov-Sokolenok,
G. Puzanov.
RUSSIAN, per, Krylya Rodiny, No 5, 1959,
pp 25, 26.

*ATIC MCL-348/V

The First Soviet Helicopter, by I. Sukharev.
RUSSIAN, per, Krylya Rodiny, No 6, 1959, p 13.

*ATIC MCL-349/V

Hypersonic Flight, by V. A. Parfenov, 6 pp.
RUSSIAN, per, Nauka i Zhizn, No 8, 1958,
pp 69, 70. 649241

ATIC MCL-96/V

An Outstanding High Speed Flight.
RUSSIAN, np, Pravda, 20 Aug 1959, p 4.

*AID

Research on the Influence of the Number of
Blades on the Characteristics of an Axial
Ventilator, by K. A. Ushakov.
RUSSIAN, per, Prilozheniya k Zhurnalu, No 10, 1958,
pp 36-42.

DSIR LLU RTS 1079

Altitude and Speed, 5 pp.
RUSSIAN, np, Sovet Aviatsiya, 17 Mar 1959.

AF 1255897

The Flight Range, 3 pp.
RUSSIAN, np, Sovet Aviatsiya, 3 Apr 1959.

AF 1255872

Scientific
Aeronautics (Contd)

Aeronautical Engineer, 2 pp. RUSSIAN, np, <u>Sovet Aviatsiya</u> , 8 May 1959.	AF 1255370
For Better Parachute Control, 3 pp. RUSSIAN, np, <u>Sovet Aviatsiya</u> , 14 May 1959.	AF 1255891
2,000 Parachute Jumps, 3 pp. RUSSIAN, np, <u>Sovet Aviatsiya</u> , 4 Jun 1959.	AF 1255906
Checking the Operation of Jet Nozzles, by M. Pastukhov. RUSSIAN, np, <u>Sovet Aviatsiya</u> , No 177, 30 Jul 1959, p 1.	*ATIC MCL-362/III
Hypersonic Rocket Airplanes. RUSSIAN, np, <u>Sovet Aviatsiya</u> , 13 Aug 1959, p 4.	*AID
Problems of Flapping Wing Flight, 3 pp. RUSSIAN, np, <u>Sovet Patriot</u> , 11 Mar 1959.	AF 1255853
The YAK-24 Helicopter in Construction. RUSSIAN, np, <u>Trud</u> , No 139, 18 Jun 1959, p 3.	*ATIC MCL-350/III
Aircraft With Atomic Engines, by N. Lodshiyev. BULGARIAN, per, <u>Nauka i Tekhnika na Mladezhta</u> , No 11, 1958, pp 10-12.	*319th MI Bu, H-4657
Piloted and Pilotless Soviet Flying Devices, Supersonic Aircraft and Space Ships in 1958. GERMAN, per, <u>Luftfahrttechnik</u> , No 6, 1959, pp 209-217.	*AID
Red China Builds Super-Aero 45 Aircraft. POLISH, per, <u>Skrzudlata Polska</u> , No 29, 1959, p 6.	*AID

Scientific
Astronomy

Investigation of the Polarization of 10 cm
Radio Emission of the Crab Nebula, by A. D.
Kuz'min, A. V. Udal'tsov.

RUSSIAN, per, Astron Zhur, Vol XXXVI, No 1,
1959, pp 33-40.

Navy 2294/NRL 739

On Variations of the Intensity of Radio-
emission, Scattered in Coronal Heterogeneities,
by V. V. Pisareva, (NY-3053).

RUSSIAN, per, Astron Zhur, Vol XXXVI, No 3,
Moscow, 1959, pp 427-433.

*JPRS

Investigation of the Parameter of Galactic
Rotation From the Radial Velocities of the
Cepheids and Radio Observations of the Inter-
stellar Hydrogen Emission Line, by Yu. P.
Pskovskiy, (NY-3053).

RUSSIAN, per, Astron Zhur, Vol XXXVI, No 3,
Moscow, 1959, pp 443-456.

*JPRS

On the Role of Resonance Effects in Measure-
ments of the Velocities of Meteors, by E. K.
Nemirova, (NY-3053).

RUSSIAN, per, Astron Zhur, Vol XXXVI, No 3,
Moscow, 1959, pp 481-486.

*JPRS

The Antiradiant of a Meteor Stream, by P. V.
Makovetskiy, (NY-3053).

RUSSIAN, per, Astron Zhur, Vol XXXVI, No 3,
Moscow, 1959, pp 487-490.

*JPRS

An Approximate Estimation of the Probability of
Meteoric Ionization, by Ye. I. Fialko,
(NY-3053).

RUSSIAN, per, Astron Zhur, Vol XXXVI, No 3,
Moscow, 1959, pp 491-495.

*JPRS

On Color Contrasts of the Lunar Surface, by
N. P. Barabashov, et al, (NY-3053).

RUSSIAN, per, Astron Zhur, Vol XXXVI, No 3,
Moscow, 1959, pp 496-502.

*JPRS

Scientific
Astronomy (Contd)

Photoelectric Measurements of the Indicators of Scattering in the Ground Atmospheric Layer, by P. N. Boiko, G. Sh. Livshits, T. P. Toropova.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 4, 1959, pp 803-805.

*NAT/NRL

Investigation of Cosmic Rays During Period of International Geophysical Year (IGY), by Yu. G. Shafer, 32 pp.
RUSSIAN, per, Iz Ak Nauk SSSR, No 8, 1958, pp 3-18.

ATTC P-TS-9353/V

A New Hypothesis Regarding the Tunguska Phenomenon: Summary of Two Articles "The Planet" and "A New Expedition to the Site of the Fall of the Tunguska Meteorite", 4 pp.
RUSSIAN, np, Literaturnaya Gazeta, 6 Jan 1959, p 1.

AF 1255844

Model of the Upper Atmosphere, by B. S. Danilan, 3 pp.
RUSSIAN, per, Nauka i Zhizn', No 5, 1959, p 20.

ACSI, H-4447

Ozone in the Stratosphere, by I. A. Khvostikov, 90 pp.
RUSSIAN, per, Uspekhi Fiz Nauk, Vol LIX, No 2, 1956, pp 229-353. 649223

Amer Meteorol Soc
For Geophys Res Dir,
ASTIA

The Stellar Neighbors Within a Radium of 17 Light Years Around the Sun, by Jan Gadomski.
GERMAN, presented at VIII International Congress on Astronautics, Barcelona, 1957.
9042339

Rand T-115

Scientific
Biology

**Forecasting and Recording Outbreaks of
Pests and Diseases in Agricultural Crops,**
by I. Ya. Polyakov.

RUSSIAN, bk, Vrednye Gryzuny, Part II, Sec I,
1958, pp 77-143.

DSIR LLU RTS 1166

Selection From "Protecting the Populace From
Modern Means of Attack," by I. P. Miroshnikov,
G. N. Zapol'skiy, (NY-2984).

RUSSIAN, bk, Zashchita Naseleniya Ot Sovremennykh
Sredstv Porazheniya, Moscow, 1958, pp 3, 4,
55-78, 161-185, 251-264, 316-319, 334, 335.

*JPRS

Morphological Basis of Locative and Ultrasonic
Abilities of a Bat, by V. P. Zvorykin, 18 pp.

RUSSIAN, per, Arkhir Anatomii, Gistologii i
Embriologii, Vol XXXVI, No 5, 1959, pp 19-31.

JPRS-L-979-N

Participation of Carnitine in Certain Bio-
chemical Processes and Content Thereof in the
Muscles of Various Animals, by P. B. Garkavi.
RUSSIAN, per, Biokhimiya, Vol XVIII, No 3,
1953, pp 302-304.

CCT-572B

Role of Trace Elements in Nutrition of Plants
and Animals, by Ya. V. Peive.

RUSSIAN, per, Biokhimiya, Vol XX, 1955,
pp 265-271.

CCT-411B

Recent Trends in Palynology. Review of
Article by K. Faegri in Botanical Review,
U.S.A., by R. V. Fedorova.

RUSSIAN, per, Botan Zhur, Vol XLIII, No 7,
1958, pp 1054-1056.

DSIR LLU RTS 1122

Principal Factors of the Natural Mutation
Process, by N. Dubinin.

RUSSIAN, per, Botan Zhur, Vol XLIII, No 8,
1958, pp 1093-1107. 9042510

USDA

Scientific
Biology (Contd)

On Some Problems of Soviet Biology.
(Regarding the Article "For Materialism
in Biology" (1), by T. D. Lysenko.

RUSSIAN, per, Botan Zhur, Vol XLIII,
No 8, 1958, pp 1135-1145. 9042509

USDA

Synthesis of Amino Acids From Oxaloacetic
Acid in Extracts From Sprouts, by V. L.
Kretovich, E. Galyas, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV,
No 1, 1959, pp 217-.

AIBS

Electrophoretic Properties of Some Protein
Components of Blood Coagulation, by B. A.
Kudryashov, G. V. Andreyenko, G. V. Kukushkina,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV,
No 2, 1959, pp 452-455.

AIBS

The Influence on Penicillamine on the
Decarboxylation of Amino Acids, by Bacterial
Preparations, by S. R. Mardashev, L. A.
Semina, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 2,
1959, pp 456-458.

AIBS

The Participation of Alanine in Biosynthetic
Process in Plants, by E. A. Shilov, A. A.
Yasnikov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV,
No 2, pp 459-.

AIBS

Change in the Rate of Proteolysis of Serum
Albumin by Trypsin Due to Complex Formation
of Enzyme or Substrate With Estradiol, by
G. A. Deborin, M. I. Bystrova, V. P.
Ivanova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 3,
1959, pp 685-687.

AIBS

Determination of the Weight of Separate Coacervate
Drops by Interference Microscopy, by T. N.
Evreinova, A. F. Kuznestsova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 3,
1959, pp 688-690.

AIBS

Scientific
Biology (Contd)

- The Photochemical Reduction of Bilirubin and Photophorphyrin in Connection With the Study on Photochemical Reduction of Chlorophyll**, by V. B. Evstigneyev, V. A. Gavrilova, I. G. Savkina, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 3, 1959, pp 691-694. AIBS
- Dynamics of β -Indole Acetic Acid in Maize Seeds During Ripening and Germination**, by Polevoy, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 3, 1959, pp 695-. AIBS
- A Spectrophotometric Study of the Effect of pH and Ionic Strength on the Stability of Highly Polymerized Ribonucleic Acid in Solution**, by L. P. Gavrilova, A. S. Spirin, A. N. Belpzer-skiy, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 4, 1959, pp 937, 938. AIBS
- The Differences in Antigenic Structure Between the Cytoplasmic Particles of Mouse Liver and Hepatoma**, by L. A. Zil'ber, G. I. Abelev, Z. A. Avenirova, N. V. Engel'gardt, Z. L. Baidakova, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 4, 1959, pp 939-. AIBS
- Some Data on the Mechanism of Synthesis and Utilization of Polyphosphates in Yeast**, by E. Bukhovich, A. N. Belozerskiy, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 5, 1959, pp 1147-1149. AIBS
- Precursors of the Purines of Nucleic Acids in Higher Plants**, by G. I. Semenenko, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 5, 1959, pp 1150-1153. AIBS
- The Nucleotide Composition of the Nucleic Acids of the Mulberry Silk Worm (*Bombyx Mori* L.)**, by N. M. Sisakyan, N. A. Gumilivskaya, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 5, 1959, pp 1154-1156. AIBS

Scientific
Biology (Contd)

**Selective Inhibition of the Activity of
Oxidation-Reduction Enzymes in Tumors Cells**
Under the Action of Inhibitors of the
Chain Reaction, by N. M. Emanuel', L. P.
Lipchina, I. I. Pelevina, T. E. Lipatova,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV,
No 5, 1959, pp 1157-.

AIBS

**An Organ-Specific Liver Antigen Absent in
Hepatoma**, by G. I. Abelev, Z. A. Avenirova,
N. V. Engel'gardt, Z. L. Baidakova, G. I.
Stepanchenok-Rudnik, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV,
No 6, 1959, pp 1328-1330.

AIBS

**The Effect of High Oxygen Tension and of I¹³¹
Introduction on Oxidative Phosphorylation in
Liver**, by Z. G. Bronovitskaya, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 6,
1959, pp 1331-1334.

AIBS

**Furocoumarins of the Fruit of the Parsnip
Pastinaca Sativa L**, by N. P. Maksyutina, D. E.
Kolesnikov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV,
No 6, 1959, pp 1335-1338.

AIBS

**Some Data on the N-Terminal Groups of Gamma
Globulin of Rabbits in Normal and Pathological
Conditions**, by M. S. Reznichenko, V. P.
Moiseyeva, L. I. Polotnova, S. E. Tukachinskiy,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV,
No 6, 1959, pp 1339-1341.

AIBS

**A Study of the Fructose Anhydrides of the
Vegetative Organs of Helianthus Tuberosus L.**,
by S. M. Strepkov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV,
No 6, 1959, pp 1344-1346.

AIBS

Scientific
Biology (Contd)

The Most Important Achievements of Medical Entomology in the USSR During the Last Forty Years (1917-1957), by Ye. N. Pavlovskiy, A. V. Gutsevich, 27 pp. RUSSIAN, per, Entomologicheskoye Obozreniye, Vol XXXVI, No 4, 1957, pp 829-844.

JPRS-910-D

Radioactive Contamination of Terrestrial Areas Poured From Contaminated Reservoirs, by A. A. Peredelskiy, I. O. Bogatyrev. RUSSIAN, per, Iz Ak Nauk SSSR, Ser Biol, No 2, 1959, pp 186-192.

*AEC

On Soil Conditioners, by P. V. Vershinin. RUSSIAN, per, Pochvovedeniye, No 10, 1959, pp 28-37.

*USDA

Methods and Results of Hybridization of Cereal Leaf Rust Forms, by I. A. Shifman. RUSSIAN, per, Trudy Vses Inst Zashchity Rastenii, No 10, 1958, pp 137-152. 9042514

USDA

Role of Preceding Plants in the Changed Susceptibility of Winter Wheat to Leaf Rust, by V. V. Shopina. RUSSIAN, per, Trudy Vses Inst Zashchity Rastenii, No 10, 1958, pp 183-192. 9042515

USDA

The Development of Biology -- The Theoretical Premise for Raising the Level of Medical and Agricultural Sciences, 6 pp. RUSSIAN, per, Uspekhi Sovrem Biol, Vol XLVII, No 2, 1959, pp 133-136.

JPRS-913-D

The Connection Between the Biochemical Processes and the Structural Elements of a Bacterial Cell, by N. S. Gel'man, 23 pp. RUSSIAN, per, Uspekhi Sovrem Biol, Vol XLVII, No 2, 1959, pp 152-167.

JPRS-L-1873-D

New Measures for the Control of Beet Snout Beetles, by V. P. Vasil'ev, et al. RUSSIAN, per, Vest Sel'skokhoz Nauk, Vol IV, No 3, 1959, pp 34-45. 9042439

USDA

Scientific
Biology (Contd)

A Device for Bacteriological Seedings, by
S. I. Zhuravyev.

RUSSIAN, per, Veterinariya, Vol XXXVI, No 8,
1959, p 79.

*USDA

Materialist Theory of Reflection and the
Theory of Development of Living Matter, by
O. V. Lapshin, 17 pp.

RUSSIAN, per, Voprosy Filosofii, No 4, 1958,
pp 78-87.

JPRS-L-967-N

Plant Protection in the Latvian SSR, by P. S.
Udintsov.

RUSSIAN, per, Zashchita Rastenii ot Vreditel'ei
i Boleznei, Vol IV, No 2, 1959, pp 4-6.
9042490

USDA

Results and Tasks in Gypsy Moth Control, by
N. N. Khrantsov.

RUSSIAN, per, Zashchita Rastenii ot Vreditel'ei
i Boleznei, Vol IV, No 2, 1959, pp 27-29.
9042502

USDA

Agents Against the Cobweb Mite.

RUSSIAN, per, Zashchita Rastenii ot Vreditel'ei
i Boleznei, Vol IV, No 2, 1959, pp 34-37.
9042505

USDA

The Complex Utilization of Seaweed, by Chi
Ming-hou, 6 pp.

CHINESE, per, K'o-hsueh T'ung-pao, No 4, Peiping,
1959, pp 120-122.

JPRS-L-1862-D

Plankton Investigation in China, by Cheng Chung,
4 pp.

CHINESE, per, K'o-hsueh T'ung-pao, No 4, Peiping,
1959, pp 122, 123.

JPRS-L-1863-D

Brief Monograph on the Mya (Mya Arenaria -
Linne 1767), by Fred Vles, 56 pp.

FRENCH, per, Memoires de la Societe Zoologique
de France, Vol XXII, Paris, 1909, pp 90-141.

Dept of Interior
SH211, E82
No 176

Scientific
Biology (Contd)

Notes on the Formation of Ascites in Carp on the Basis of Bacteriological Evidence and Electrophoretic Work on Blood, by K. Offhaus, G. Brunner, S. Riedmiller.

GERMAN, per, Archiv fuer Fischereiwissenschaft, No 5/6, Hamburg, 1955, pp 316-327.

Fish and Wildlife Sv
Boothbay Harbor, Me

On Individual Substances and Biochemical Individual Specificity, by L. Loehner, (DC-3034).

GERMAN, per, Pfluegers Archiv, Vol CXCVIII, 1923, pp 490-503.

*JPRS

On Characteristic Odors of a Human Individual and of Areas of the Human Body, by L. Loehner, (DC-3034).

GERMAN, per, Pfluegers Archiv, Vol CCII, 1924, pp 25-45.

*JPRS

Research on the Olfactory-Physiological Capabilities of Police Dogs, by L. Loehner, (DC-3034).

GERMAN, per, Pfluegers Archiv, Vol CCXII, 1926, pp 84-94.

*JPRS

Report on the Investigation of the Ariaka Sea, No 4.

JAPANESE, rpt, Sekai Regional Fisheries Laboratory, No 4, Nagasaki, 1957.

Dept of Interior
SH 301, A454
No 4

The Partridge, Its Life History, Propagation and Hunting, by Otakar Kokes, 278 pp.

POLISH, bk, Koroptev, Jeif Zivot, Chov a lov. Ilustroval Jirf Zidlicky. Praze, Nakladatelstvi Studentske Knihtiskarny, 1947.

Dept of Interior
QL 1, E 78
No 11

On the Effect of Ionizing Radiation on the Human Nervous System, by V. F. Sayenko-Lyubarskaya, 16 pp.

UKRAINIAN, per, Fiziol Zhur, Vol V, No 2, 1959, pp 261-269.

JPRS-L-960-N

Chemistry

The Behavior of Trace Amounts of Ruthenium During Extraction, by A. V. Nikol'sev, N. M. Sinitsyn.

RUSSIAN, bk, Moscow, 1953, pp 271-281.

*AEC

Tagged Atom Method of Studying the Biosynthesis of Chlorophyll, by A. A. Shiyal. 240 pp. RUSSIAN, bk, Metod Mechenyeh Atomov v Izuchenii Biosinteza Chlorofilla, publ by Academy of Sciences of Belorussiya SSR, Minsk, 1956.

AEC Tr 3541

The Role of Colloidal Chemical Phenomena During the Corrosion of Metals in Salt Solutions, by L. K. Lepin, 11 pp.

RUSSIAN, rpt, Problemy Korrozii i Zashchita Metallov, Inst Fiz Khim Trudy 5-go Vsesoyuznogo Soveshchaniya, 1954, pp 107-114 (publ in 1956).

Navy 2252/NRL 732

Equilibrium Systems of Hydroxides and Oxides of Iron in Solutions of Its Chlorides and Sulfates, by A. V. Kazakov, E. I. Sokolova, A. Z. Vainshtein, 36 pp.

RUSSIAN, rpt, Trudy Instituta Geologicheskikh Nauk, Akademiya Nauk SSSR, Geologicheskaya Seriya, No 152 (64), 1957, pp 72-92.

Navy 2292/NRL 737

The Mechanism and Kinetics of the Reduction of Iron Oxides, by Gases, by Prof S. T. Rostovtsev.

RUSSIAN, rpt, Trudy Soveshchaniya Inst Metallurg Ural'skogo Filiala Ak Nauk SSSR i Magnitogorskogo Metal Kombin, 1955, pp 65-79 (publ in 1956).

Navy 2293/NRL 738

The Mechanism and the Kinetics of the Low Temperature Reduction of Iron Oxides by Carbon Monoxide. Hydrogen and Their Mixtures, by A. N. Kuznetsov, 17 pp.

RUSSIAN, rpt, Trudy Soveshchaniya Inst Metallurg Ural'skogo Filiala Akad Nauk SSSR i Magnitogorskogo Metal Kombin, 1955, pp 80-92 (publ in 1956).

Navy 2290/NRL 735

Scientific
Chemistry (Contd)

Crystal Chemical Transformations in the
Reduction of Iron Oxides, by Prof V.
Arkharov, 18 pp.

RUSSIAN, rpt, Trudy Soveshchaniya Inst
Metal Ural'skogo Filiala Akad Nauk SSSR
i Magnitogorskogo Metal Kombin, 1955,
pp 93-110 (publ in 1956).

Navy 2251/NRL 731

Calcium Carbonate as a Filler, by V. N.
Gritsulyak.

RUSSIAN, per, Bumazhnaya Prom, Vol XIII, No 8,
1958, pp 12-14.

DSIR LLU RTS 1175

Peculiarities of the Faraday Effect in
Paraffin-Ferrite Mixtures, by V. A. Fabrikov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CIII,
No 5, 1955, pp 807-809.

CCT 1270B

Organic Fluorosilicon Compounds. Simple Organic
Fluorosilicon Ethers, by A. D. Petrov, V. A.
Ponomarenko, G. V. Odabashyan.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXI,
No 2, 1958, pp 307-310.

DSIR LLU M.469

Hydrothermal Acid-Alkaline Differentiation,
by D. S. Korzhinskiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXII,
No 2, 1958, pp 267-.

CB

The Isotopic Composition of Natural Phosphates,
by R. V. Teis, T. S. Gromova, S. N. Kochetkova,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXII, No 6,
1958, pp 1057-.

CB

Some Data on the Content and Distribution of
Iron in the Black Sea, by M. A. Dobrzanskaya,
T. I. Pshenina.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII,
No 5, 1958, pp 895-.

CB

Scientific
Chemistry (Contd)

More Mineral Fertilizers, Herbicides and Insecticides for Agriculture, by G. Borkov, 10 pp.

RUSSIAN, per, Eksp Sel'skogo Khoz, No 5, Jul/Aug 1958, pp 42-48.

JPRS-L-1845-D

From the Field of the Mercury-Organic Compounds Report XLIV (1). Preparation of Monohalogenmercuriketones and Aldehydes Through Enolacetates and Their C- and O-Alkylation and Acylation Reactions, by A. N. Neameyanov, N. F. Lutsenko, Z. M. Tumanova, 14 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, No 6, 1949, pp 601-606.

NIH

Fluoro-Olefin Reactions 8. The Reactions of Perfluorovinyl Magnesium Halides, by I. L. Dmuniyants, R. N. Sterlin, R. D. Yatsenko, L. N. Pinkina.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 11. 1958, pp 1345-1347.

DSIR LLU M.475

Prospects for the Chemical Industry in Eastern Siberia, by S. I. Vol'fkovich, 14 pp.

RUSSIAN, per, Iz Sibirskogo Otdel Ak Nauk SSSR, No 12, Novosibirsk, 1958, pp 51-60.

JPRS-L-936-N

The Structure and Properties of Filled Rubber Stocks. XVII. The Properties of Colloidal Silica Which Determine Its Reinforcing Effect, by K. A. Pechkovskaya, et al.

RUSSIAN, per, Kauchuk i Rezina, Vol XVII, No 2, pp 12-17.

DSIR LLU RTS 1112

Application of the Ion-Exchange Method to the Extraction, Fractionation and Purification of Rare Metals, by D. I. Ryabchikov.

RUSSIAN, per, Khim Nauka i Prom, Vol I, No 5, 1956, pp 554-560.

Co-op Tr Scheme 364

The Manufacture and Use of Carboxymethyl Cellulose Ether in the National Economy, by K. F. Zhigach.

RUSSIAN, per, Khim Nauka i Prom, Vol II, No 1, 1957, pp 76-80.

Co-op Tr Scheme 642

Scientific
Chemistry (Contd)

Coefficients of Mass Transformation on
Horizontal Perforated Plates at Various
Gas Speeds, by I. N. Kuz'minykh, L. S.
Aksel'rod, Zh. A. Koval', A. I. Rodionov,
12 pp.

RUSSIAN, per, Khim Prom, No 2, Mar 1954,
pp 86-89.

JPRS-L-937-N

Study of Natural Rubber Vulcanization by the
Tagged Atom Method, by G. A. Blokh.
RUSSIAN, per, Khim Prom, No 2, 1956, pp 78-89.

Co-op Tr Scheme 369

Oxygen in Blast Furnace Smelting, by M. A.
Shapovalov.
RUSSIAN, per, Kislород, No 4, 1958, pp 1-11.

*BISI 1424

The Use of Naphthalene and Its Homologues in
the Production of Phthalic Anhydride, by D. A.
Gurevich.

RUSSIAN, per, Koks i Khim, No 8, 1958,
pp 34-38.

DSIR LLU RTS 1104

Obtaining an Analogue of Cocoa Butter, by
M. K. Yakubov.

RUSSIAN, per, Masloboyno-Zhirovaya Prom,
Vol XXIV, No 4, 1958, pp 19-22.

DSIR LLU RTS 1077

Apparatus for Determining the Consistency of
Margarine and Pure Butter, by A. D. Rezak,
et al.

RUSSIAN, per, Masloboyno-Zhirovaya Prom, Vol
XXIV, No 8, 1958, p 45.

Co-op Tr Scheme 636

The Synthesis of Mono-Alkyl-Cyclohexanes of
C15-C18 Composition With an Increased Density,
by Ye. B. Sokolova, G. V. Krasnova.

RUSSIAN, per, Nauch Dok Vysshey Shkoly-Khim
i Khim Tekh, No 2, 1958, pp 330-334.

*ATIC MCL-347/V

Scientific
Chemistry (Contd)

Investigation of the Nature of Concentration Quenching of Dyestuffs in Various Solvents and Classification of Different Types of Quenching, by V. L. Levshin, E. G. Baranova, 20 pp.

RUSSIAN, per, Optika i Spektro, Vol VI, 1959, pp 55-64.

AEC Tr 3775

On the Luminescence Decay Law for Polystyrene at Electron Excitation, by S. F. Kilin, I. M. Rozman, 10 pp.

RUSSIAN, per, Optika i Spektro, Vol VI, 1959, pp 65-69.

AEC Tr 3776

Influence of Reabsorption of the Fluorescence Duration of Organic Substances, by S. F. Kilin, I. M. Rozman, 15 pp.

RUSSIAN, per, Optika i Spektro, Vol VI, 1959, pp 70-77.

AEC Tr 3777

Delayed Luminescence of Dibenzyl and Diphenylamine Crystals on Photo- and β -Excitation, by T. P. Belikova, 4 pp.

RUSSIAN, per, Optika i Spektro, Vol VI, 1959, pp 117, 118.

AEC Tr 3779

The Seventh Conference on Luminescence (Crystal Phosphors), by Ch. V. Lushchik, A. V. Moskvina, 9 pp.

RUSSIAN, per, Optika i Spektro, Vol VI, 1959, pp 122-124.

AEC Tr 3780

The Influence of Oxygen on the Physicochemical Properties of Bitumen and Bituminous Mastics, by T. M. Bogoslovskaya, et al.

RUSSIAN, per, Trudy Inst Neft Ak Nauk Kazakh SSR, Vol II, 1958, pp 93-99.

DSIR LLU RTS 1168

Microhardness of γ -Fold Refractory Carbides, by A. V. Koval'skiy, L. A. Petrova.

RUSSIAN, per, Trudy Soveshchaniya po Mikroverdoti, 1950, Moscow, pp 170-186.

*AEC

Scientific
Chemistry (Contd)

Spontaneous Formation of Centers of Crystallization in an Undercooled Melt in an Ultrasonic Field, by A. P. Kapustin, 4 pp.
RUSSIAN, per, Uchenyye Zapiski, Vol LXXXVIII, 1954, pp 53-56.

JPRS-L-970-N

On the Theory of the Growth of Crystals, by O. M. Ansheles, (NY-3004).
RUSSIAN, per, Uchenyye Zapiski, Leningradskogo Ordena Lenina Gosudarstvennogo U imena A. A. Zhdanova, Ser Geolog Nauk, No 215, 1957, pp 84-107.

*JPRS

Pyrophoricity in Alloys, by H. Nowotny.
RUSSIAN, per, Uspekhi Khim, No 3, 1958, pp 353-364.

Infosearch Ltd

Thermodynamic Properties of Liquid Alloys Containing Alkali Metals, by A. F. Alabyshev, et al.
RUSSIAN, per, Uspekhi Khim, No 8, 1958, pp 921-937.

Infosearch Ltd

The Synthesis of Polymer Electrolytes and Their Application, by E. B. Trostyanskaya, et al.
RUSSIAN, per, Uspekhi Khim, Vol XXVII, No 9, 1958, pp 1084-1100.

DSIR LLU RTS 1013

Elemento-Organic Polymeric Compounds, by K. A. Andryanov.
RUSSIAN, per, Uspekhi Khim, Vol XXVII, No 11, 1958, pp 1257-1303.

DSIR LLU RTS 1014

Beryllium Fluoride and Fluoberyllates, by A. V. Novoselova, (DC-3058).
RUSSIAN, per, Uspekhi Khim, Vol XXVIII, No 1, 1959, pp 33-43.

*JPRS

Hydrogen Discharge Overvoltage at Zr in Acid and Alkaline Solutions, by A. M. Murtazsev, T. K. Azizova, 8 pp.
RUSSIAN, per, Uzbek Khim Zhur, Ak Nauk Uzbek SSR, No 3, 1958, pp 69-74.

AEC Tr 3728

Scientific
Chemistry (Contd)

The Isolation of Properdin and Some Data on Its Chemical Composition, by Ye. M. Voluyakaya, N. V. Cheburkina, V. I. Tovarnitskiy, 9 pp. RUSSIAN, per, Voprosy Medit Khim, Vol V, No 3, 1959, pp 200-205.

JPRS-L-916-N

Chemical Method for the Control of the Grain Moth, by D. M. Paikin, K. V. Novozhilov, P. F. Mende.

RUSSIAN, per, Zashchita Rastenii ot Vreditel'ei i Boleznei, Vol IV, No 2, 1959. 9042500

USDA

A New Colour Reaction for Detecting and Determining Be, Using Chrome Blue K, by L. P. Kalinchenko.

RUSSIAN, per, Zavod Lab, No 1, 1958, pp 22, 23.

Infosearch Ltd

Determination of the Cooling Capacities of Fused Salts, by D. Ya. Vishnyakov, et al.

RUSSIAN, per, Zavod Lab, No 1, 1958, pp 63-65.

Infosearch Ltd

A Microelectrochemical Method of Studying the Corrosion of Stressed Metals, by A. V. Ryabchenkov, et al

RUSSIAN, per, Zavod Lab, No 2, 1958, pp 167-173.

Infosearch Ltd

A Simplified Method of Determining Moisture in Materials Used for Welding, by V. M. Shpeisman, et al.

RUSSIAN, per, Zavod Lab, No 2, 1958, pp 187, 188.

Infosearch Ltd

A Device for Measuring the Moisture Content of Liquid CO₂, by M. G. Kaganov, et al.

RUSSIAN, per, Zavod Lab, No 2, 1958, p 247.

Infosearch Ltd

A Contact Device for Shaft Torque Measurements Using Strain Gauges, by N. S. Shchirenko, et al.

RUSSIAN, per, Zavod Lab, No 4, 1958, pp 491, 492.

Infosearch Ltd

Determination of Alkali Metal Impurities in Caesium Salts by Flame Photometry, by N. S. Poluektov, et al.

RUSSIAN, per, Zavod Lab, No 5, 1958, pp 528-531.

Infosearch Ltd

Scientific
Chemistry (Contd)

Estimation of the Tendency to Brittle Fracture in Steel Under Actual Use Conditions. Allowance for the Scale Factor, by E. M. Shevandin. RUSSIAN, per, Zavod Lab, No 8, 1958, pp 1017-1024.

Infosearch Ltd

A Simplified Apparatus for Determining Hydrogen in Metals by Isotope Dilution Using Spectroscopic Assay, by V. A. Bogrest, et al. RUSSIAN, per, Zavod Lab, No 8, 1958, pp 1034, 1035.

Infosearch Ltd

Assaying Aluminium With Alberon, by E. A. Kashkovskaya, I. S. Mostafin. RUSSIAN, per, Zavod Lab, Vol XXIV, No 10, 1958, pp 1189-1192.

*AEC

Measurement of the Solubility of Hydrogen in Magnesium Alloys, by M. V. Sharov, V. V. Serabryakov. RUSSIAN, per, Zavod Lab, No 10, 1958, pp 1226-1228.

*AEC

Adsorption of a Mixture of Vapors on Porous Adsorbents, by G. F. Lesokhina, O. M. Podurovskaya, K. A. Gol'bert, 11 pp. RUSSIAN, per, Zhur Fiz Khim, Vol XXII, No 8, 1948, pp 961-967.

JPRS-L-898-N

Influence of Solvents on Strength of Acids, by N. A. Izmailov. RUSSIAN, per, Zhur Fiz Khim, Vol XXIV, No 3, 1950, pp 321-336.

DSIR LLU RTS 1174

Absorption of Gases in the Presence of Surface-Active Agents. III. Mechanism of the Effect Exerted by Surface-Active Agents on the Rate of Absorption, by A. N. Ternovskaya, A. P. Belopol'skiy, 12 pp. RUSSIAN, per, Zhur Fiz Khim, Vol XXVI, No 8, 1952, pp 1090-1096.

JPRS-L-1835-D

Scientific
Chemistry (Contd)

A Method for Analysis of Microscopic Quantities of Heavy Water, by R. E. Mardaleishvili, et al. RUSSIAN, per, Zhur Fiz Khim, Vol XXVII, No 12, 1953, pp 2195-2198.

CCT 327B

Experimental Confirmation of the Theory of Crystal Growth and the Relation Between the Equilibrium Forms and the Forms of Growth, by V. I. Danilov, V. I. Malkin, 13 pp. RUSSIAN, per, Zhur Fiz Khim, No 10, 1954, pp 1837-1844.

JPRS-L-946-N

Effect of Temperature on the Absorption Spectra of Electrolytic Solutions, by S. V. Gorbachev, P. A. Zagorets. RUSSIAN, per, Zhur Fiz Khim, Vol XXIX, 1955, pp 1549-1554.

*AEC

The Kinetics of Crystallization Processes of Solutions and Melts, by A. K. Skryabin, 19 pp. RUSSIAN, per, Zhur Fiz Khim, No 4, 1957, pp 780-791.

JPRS-L-938-N

The Effect of Ionizing Radiation of the Corrosion of Metals Under Atmospheric Conditions. RUSSIAN, per, Zhur Fiz Khim, Vol XXXIII, No 6, 1959, pp 1256-1262.

*ACSI, H-4619

Distribution of Complex Compound Between Two Solvents, by N. P. Komar', 17 pp. RUSSIAN, per, Zhur Neorgan Khim, No 5, 1957, pp 1015-1024.

JPRS-L-940-N

The State of Micro-Amounts of Radioelements in Liquid and Solid Phases, by I. E. Starik. RUSSIAN, per, Zhur Neorgan Khim, No 1, 1958, pp 6-15.

Infosearch Ltd

Ion-Exchange Sorption of Radioelements, by B. P. Nikol'skiy. RUSSIAN, per, Zhur Neorgan Khim, No 1, 1958, pp 59-65.

Infosearch Ltd

Application of Ion Exchange to the Study of the State of a Material in Solution. III. Study of the Form of Existence of Niobium in Solutions of Sulphuric and Perchloric Acids, by V. I. Paramonova, et al.

RUSSIAN, per, Zhur Neorgan Khim, No 1, 1958, pp 74-81.

Infosearch Ltd

A New Method of Radiochemical Purification of Protactinium, by I. E. Starik, et al. RUSSIAN, per, Zhur Neorgan Khim, No 1, 1958, pp 139-144.

(see above)

Extraction as a Method for the Separation and Study of Radioactive Elements, by V. M. Vdovenko.

RUSSIAN, per, Zhur Neorgan Khim, No 1, 1958, pp 145-154.

(see above)

The Extraction of Cerium by Tributyl-Phosphate, by A. V. Nikolayev, et al.

RUSSIAN, per, Zhur Neorgan Khim, No 1, 1958, pp 160-164.

(see above)

A Contribution to the Thermodynamics of Extraction by Tributylphosphate.

RUSSIAN, per, Zhur Neorgan Khim, No 2, 1956, 1957, p 549.

(see above)

Sorption of Radioactive Isotopes by Aluminium Hydroxide, by S. A. Voznesenskiy, et al.

RUSSIAN, per, Zhur Neorgan Khim, No 2, 1958, pp 235-239.

(see above)

IV. The Reaction of Titanates and Phosphates of Potassium on Crystallization From Melts.

Investigation of the Ternary Systems K_2TiO_3 - $K_4P_3O_7$ - TiO_2 and K_2TiO_3 - $K_4P_2O_7$ - K_3PO_4 , by I. N. Belyayev, et al.

RUSSIAN, per, Zhur Neorgan Khim, No 2, 1958, pp 425-432.

(see above)

Scientific
Chemistry (Contd)

V. The Reaction of Titanates and Silicates of Sodium on Crystallization From Melts, Investigation of the Ternary System $\text{Na}_2\text{SiO}_3\text{-Na}_2\text{TiO}_3\text{-TiO}_2$, by I. N. Belyayev, et al.

RUSSIAN, per, Zhur Neorgan Khim, No 2, 1958, pp 433-439.

Infosearch Ltd

VI. The Reaction of Titanates and Pyrophosphates of Potassium and Lithium on Crystallization From Melts, by I. N. Belyayev, et al.

RUSSIAN, per, Zhur Neorgan Khim, No 2, 1958, pp 440-446.

(see above)

Decomposition Potentials of Some Compounds of Niobium and the Separation of Niobium by Electrolysis From Melts, by E. I. Gurovich. RUSSIAN, per, Zhur Neorgan Khim, No 2, 1958, pp 450-455.

(see above)

I. A Study of the Simultaneous Solubility of Uranyl Nitrate and Alkaline Earth Metal Nitrates in Water, by M. A. Yakimov, et al. RUSSIAN, per, Zhur Neorgan Khim, No 2, 1958, pp 504-507.

(see above)

The Extraction of Nitric Acid by a 1 Molar Solution of Tributyl-Phosphate in Benzene, by V. V. Pomin, et al.

RUSSIAN, per, Zhur Neorgan Khim, No 2, 1958, pp 540-541.

(see above)

The Production of Metals and Alloys by Reacting Fused Salts and Metals, by A. P. Palkin.

RUSSIAN, per, Zhur Neorgan Khim, No 4, 1958, pp 911-914.

(see above)

The Physicochemical Properties of Aqueous Pu(IV) Oxalate and Its Solubility Product, by A. I. Moskvina, et al.

RUSSIAN, per, Zhur Neorgan Khim, No 4, 1958, pp 956-961.

(see above)

The Compositions and Dissociation Constants of the Oxalate and Carbonate Complexes of Pu(IV), by A. I. Moskvina, et al.

RUSSIAN, per, Zhur Neorgan Khim, No 4, 1958, pp 962-974.

(see above)

Scientific
Chemistry (Contd)

Solubility Diagrams for Uranyl and Thorium Nitrates in the Presence of Other Nitrates, by A. G. Kurnakova, et al.
RUSSIAN, per, Zhur Neorgan Khim, No 4, 1958, pp 1028-1036.

Infosearch Ltd

Carbonate and Carbonate-Oxalate Complexes of Pu(IV). I. Potassium Plutonyl Carbonates, by A. D. Gel'man, et al.
RUSSIAN, per, Zhur Neorgan Khim, No 6, 1958, pp 1304-1311.

(see above)

Determination of the Compositions and Dissociation Constants of Oxalate Complex Ions of Plutonium (VI), by A. D. Gel'man, et al.
RUSSIAN, per, Zhur Neorgan Khim, No 7, 1958, pp 1546-1550.

(see above)

II. Sodium Plutonium Carbonates, by A. D. Gel'man, et al.
RUSSIAN, per, Zhur Neorgan Khim, No 7, 1958, pp 1551-1554.

(see above)

III. Mixed Oxalate-Carbonate Compounds of Plutonium (IV), by A. D. Gel'man, et al.
RUSSIAN, per, Zhur Neorgan Khim, No 7, 1958, pp 1555-1564.

(see above)

Redox Reactions in the Coordination Sphere, by Ya. D. Fridman.
RUSSIAN, per, Zhur Neorgan Khim, No 8, 1958, pp 1865-1875.

(see above)

Extraction of Thorium by Tributylphosphate. III: The Influence of SO_4^{2-} Ions on the Distribution of Thorium, by E. P. Maiorova, et al.
RUSSIAN, per, Zhur Neorgan Khim, No 8, 1958, pp 1937-1954.

(see above)

Extraction of Protactinium by Alkylphosphoric Acids, by V. B. Shevchenko, et al.
RUSSIAN, per, Zhur Neorgan Khim, No 8, 1958, pp 1955-1958.

(see above)

Scientific
Chemistry (Contd)

A Contribution to the Extraction of Uranyl
Perchlorate by Tributylphosphate, by V. B.
Shevchenko, et al.

RUSSIAN, per, Zhur Neorgan Khim, No 8, 1958,
pp 1965-1967.

Infosearch Ltd

Production and Properties of Plutonium
Halides. I. Plutonium Chlorides, by V. V.
Fomin, et al.

RUSSIAN, per, Zhur Neorgan Khim, No 9, 1958,
pp 1999-2005.

(see above)

II. The Compositions of the Precipitates
Formed by Reacting Solutions of Uranyl Salts
With NaOH, by V. I. Paramonova, et al.

RUSSIAN, per, Zhur Neorgan Khim, No 9, 1958,
pp 2067-2074.

(see above)

Extraction of Nitric Acid Into Tributyl Phosphate,
by V. B. Shevchenko, et al.

RUSSIAN, per, Zhur Neorgan Khim, No 9, 1958,
pp 2109-2112.

(see above)

Extraction of Pu(IV) Into Tributyl Phosphate.

I. Variation of Partition Coefficient With
TBP Concentration, by V. V. Fomin, et al.

RUSSIAN, per, Zhur Neorgan Khim, No 9, 1958,
pp 2113-2116.

(see above)

Dissociation Constant Determination on $\text{Ce}(\text{NO}_3)_x^{3-x}$
Ions Using Extraction Into Tributyl Phosphate,
by V. V. Fomin, et al.

RUSSIAN, per, Zhur Neorgan Khim, No 9, 1958,
pp 2117-2127.

(see above)

Dependence of Ion-Exchange Separations of
Rare Earth on the Structural Rigidity and
Exchange Capacity of the Resin, by B. K.
Preobrazhenskiy, et al.

RUSSIAN, per, Zhur Neorgan Khim, No 9, 1958,
pp 2131, 2132.

(see above)

Scientific
Chemistry (Contd)

Production and Properties of Plutonium
Tribromide, by V. V. Fomin, et al.
RUSSIAN, per, Zhur Neorgan Khim, No 10,
1958, pp 2231-2235.

Infosearch Ltd

Electrolytic Reduction of Certain Nitroso-
Compounds of Ru, by O. S. Zvyagintsev, et al.
RUSSIAN, per, Zhur Neorgan Khim, No 10, 1958,
pp 2305-2308.

(see above)

The Salt-Forming Hydrogen Ions of Phosphotungstic
Acid, by N. B. Mikheyev, et al.
RUSSIAN, per, Zhur Neorgan Khim, No 10, 1958,
pp 2320-2322.

(see above)

Nature of Hydrochloric Acid Solution of
Pentavalent Niobium, by S. I. Solov'yev,
Ye. I. Krylov, (NY-2962).
RUSSIAN, per, Zhur Neorgan Khim, Vol III, No 11,
1958, pp 2487-2490.

*JPRS

Thermal Stability of Silicon Nitride, by I. M.
Kuleshov, 4 pp.
RUSSIAN, per, Zhur Neorgan Khim, Vol IV, No 2,
1959, pp 488-491. 9042277

DSI 537 (British)

Specific Weight of Aqueous Solutions of
Formic and Acetic Acids, by A. A. Galgoleva,
7 pp.
RUSSIAN, per, Zhur Obshch Khim, Vol XV, 1945,
pp 131-134.

AEC Tr 3756

Control of the Flow of Friable Material by
Gas Injection, by A. R. Brun-Tsekhovoi.
RUSSIAN, per, Zhur Prik Khim, No 4, 1958,
pp 634, 635.

Infosearch Ltd

Preparation of Chlorinated and Graft-
Chlorinated Polypropylene, by L. A. Krentsel,
A. V. Topchiyev, D. Ye. Il'yina, 4 pp.
RUSSIAN, per, Zhur Prik Khim, Vol XXXII, No 6,
1959, pp 1404-1407. 9042245

DSI 548 (British)

Scientific
Chemistry (Contd)

Organic Phosphorus Compounds, by B. A. Arbuzov, 16 pp.
RUSSIAN, per, Znanie, 1959. 9042499

USDA

Marine Chemistry and Its Development, 5 pp.
CHINESE, per, K'o-hsueh T'ung-pao, No 4, 1959, Peiping, pp 116, 117.

JPRS-J.-1860-D

Structure of Absorption Spectrum of KCl and NaCl Containing Traces of AgCl, by Ruzena Zubakova, 6 pp.
CZECH, per, Czechoslovak J Phys, Vol VII, 1957, pp 110, 111.

AEC Tr 3755

Decomposition of Chloramine in Aqueous Solution, by T. C. Carlsen, 8 pp.
DANISH, per, Dansk Tidsskr Farm, Vol XXX, 1956, pp 52-55.

NIH 8-13

Preparation of $\text{H}_2\text{SO}_4^{35}$ and of Certain Other Simple Mineral Compounds Labeled With S^{35} , by E. Gueronniere, R. Henry, 12 pp.
FRENCH.

AEC Tr 3721

The Sub-Nitrite of Carbon C^{14}N^2 , Cyanacetylene C^3NH , by Charles Moureu, J. C. Bongrand.
FRENCH, per, Annales de Chim, Vol XIII-XIV, 1920, pp 1-58.

*AEC

Corrosion Problems in Gas-Cooled Reactors, by R. Darras, 20 pp.
FRENCH, per, Bull Inform Sci et Tech (Paris), No 21, 1958, pp 13-25.

AEC IGIS-8(RD/W)

The Cracking of Methane in a Tubular Reactor: Part I, and Part II, by J. E. Germain, C. Vaniscotte.
FRENCH, per, Bull Soc Chim France, 1957, pp 692-695; 1958, pp 319-323.

RAE 809, 810

On the Preparation of Lithium Hydride, by Ph. Albert, J. Mache.
FRENCH, per, Bulletin de la Societe Chimique de France, 1st Trimester, No 1128, 1958, pp 1165-1167.

*Navy/NRL

Scientific
Chemistry (Contd)

Application of Differential Thermal Analysis
to the Study of High Polymers, by J. Coste.
FRENCH, per, Ind Plastiques Mod, Apr 1957,
pp 37-42.

TIL 8985

Polyurethane-Based Adhesives, by J. Grosmangin.
FRENCH, per, Onera, Note Tech, No 29, 1956, 33 pp.

RAE 806

The Application of Starch Gel Electrophoresis
to the Study of the Serum Protein Components in
Dysproteinemia, by J. M. Fine, R. Creysse,
P. Morel, 14 pp.
FRENCH, per, Revue d'Hematologie, Vol XIV, No 1,
1959, pp 75-89.

NIH 9-2

Porous Membranes and Procedures for the
Manufacture of the Membranes, 6 pp.
FRENCH, Patent No 1-172.527, 20 Oct 1958.

AEC Tr 3773

A. Soda Lime Filter for Diving Purposes.
B. Opinion on the Question Concerning Influ-
ence of a 2% CO₂ Content in the Inspired Air in
Closed Circuit Diving Gear, by Dr. Freude.
GERMAN, rpt, Dept of Army Report RB 554-59,
Office for Social Hygiene, Labor and Advanced
Medical Training, Institute for Applied
Physiology, Berlin.

Navy 2243/ONI 556

Report of the Chemical Melting Treatment of
Aluminium and Its Alloys, by H. Eisenreich.
GERMAN, per, Aluminium, Vol XXXV, No 3,
1959, pp 131-135.

*AEC

Removal of Oxygen From Gases With Activated
Copper, by F. R. Meyer, Grete Ronge, 7 pp.
GERMAN, per, Angew Chem, Vol LII, 1939,
pp 637, 638.

AEC Tr 3744

Physical Chemical Properties of Fluorine, by
E. Wicke, E. U. Franck.
GERMAN, per, Angew Chem, Vol LVI, No 22,
1954, pp 701-710.

*AEC

Scientific
Chemistry (Contd)

N-Trifluoro Acetyl Amino Acids, by F. Weygand,
E. Csendes, 5 pp.

GERMAN, per, Angew Chem, Vol LXIV, 1952 p 136.

NIH 9-21

Concerning a New Acid Related to Picric
Acid (Trinitrophenol), by Rudolph Botter,
Heinrich Will, 31 pp.

GERMAN, per, Ann Chem Pharm, Vol LVIII, 1846,
pp 273-300.

AEC SCL-7-252

The Significance of the Corrosion Processes in
Aqueous Hydrogen Sulphide Solutions for the
Formation of Cracks in Steels, by F. K. Naumann,
W. Carius.

GERMAN, per, Arch Eisenhuettenwesen, May 1955,
pp 283-292.

BISI 1390

The Absorption of Hydrogen From Aqueous Hydrogen
Sulphide Solutions by Steel and the Formation of
Cracks of Steel in Tension. III. Discussion,
by F. K. Naumann, W. Carius.

GERMAN, per, Arch Eisenhuettenwesen, Jun 1959,
pp 361-370.

*BISI 1413

Information on the Depressor Effect of Trypsin,
by E. Werle, M. M. Forell, L. Maier, 18 pp.

GERMAN, per, Arch Exper Path u Pharmacol,
Vol CCXXV, 1955, pp 369-380.

NIH 9-5

The Influence of Sulfur on the Hydrogenation of
Low-Temperature Carbonization Tars, by H.
Winter, G. Free, H. Monnig.

GERMAN, per, Brennstoff-Chemie, Vol XVIII,
1937, pp 320-323.

Dept of Interior
TN 7, E 57, No 52

The Separation of Individual Phenols by
Paper Chromatography, by D. Schleede.

GERMAN, per, Brennstoff-Chemie, Vol XXXVI,
1955, pp 78, 79.

Dept of Interior
TN 7, E 57, No 41

Scientific
Chemistry (Contd)

On the Determination of the Catechol Amines
and the Pyrocatechins in Human Urine, by M.
Goldstein, Is-Abelin, 16 pp.

GERMAN, per, Helv Chim Acta, Vol XXXIX, 1956,
pp 158-167.

NIH 9-3

Ionotropic Gels With Capillary Structure as
Filter, by Heinrich Thiele, Klaus Hallich.

GERMAN, per, Kolloid Z, Vol CLXIII, No 2,
1959, pp 116-122.

*AEC

Nitric Acid Oxidation Kinetics. Part II, by
E. Abel, 4 pp.

GERMAN, per, Monatsh Chem, Vol LXXXIX, 1957,
pp 79-82.

AEC Tr 3735

Introduction of Bromine Into Nucleic Acids,
4 pp.

GERMAN, per, Naturwissenschaften, Vol XLV,
No 23, 1958, pp 568, 569.

NIH 8-14

Oxygen in Open-Hearth Furnaces. I. - Present
Processes, by E. Fussl.

GERMAN, per, Radex Rund, May 1959, pp 533-545.

*BISI 1395

Oxygen in Open-Hearth Furnaces. II. A Com-
parison and Evaluation of the Processes in
Oxygen Steelmaking, by W. Schreiber.

GERMAN, per, Radex Rund, May 1959, pp 546-555.

*BISI 1396

Determination of the Total Amino Acid Content
in the Blood After Peroral Administration of
Protein Hydrolysate, by Ilse Antener, 16 pp.

GERMAN, per, Schweiz Med Wschr, Vol LXXXI,
1951, pp 970-974.

NIH 9-1

The Physicochemical Bases of Desulphurization
in the Basic Open-Hearth Furnace, by K. G.
Speith, et al.

GERMAN, per, Stahl u Eisen, 25 Jun 1959,
pp 926-933.

*BISI 1434

Scientific
Chemistry (Contd)

Nitrogen as an Alloying Element in Manganese Vanadium Structural Steels Produced by the Open-Hearth Process, by H. Joachim, et al. GERMAN, per, Stahl u Eisen, 6 Aug 1959, pp 1120-1129.

*BISI 1431

The System Aluminum-Thorium, by Ad. Leber, 12 pp. GERMAN, per, Z Anorg und Allgem Chem, Vol CCLXVI, 1927, pp 16-26.

AEC Tr 3722

Liquid Anion Exchangers, by U. Schindewolf, 15 pp. GERMAN, per, Z Fuer Elektrochem, Vol LXII, 1958, pp 335-340.

AEC NP Tr 254

Preparation of Ion Exchange Media by Surface Charge Reversal of Silica Gel, by Hans Kautsky, Hermann Wesslau, 4 pp. GERMAN, per, Z Naturforsch, Vol IXb, 1954, pp 569, 570.

AEC/CF-58-5-108

Consideration of the Chemical Attack of Refractories by Steel Baths During Metallurgical Processes, by A. Cocco. ITALIAN, per, Fonderia Ital, Feb 1959, pp 47-51.

BISI 1325

Fluidisation of Solid Particles, by K. Hirai, K. Fukaya, A. Shimada, K. Mishima. JAPANESE, per, Kagaku Kogaku, Vol XVII, 1953, pp 438-447.

*AEC

Intermediate Metabolism of Glucuronic Acid, by Masao Watanabe, Masamoto Arai, 22 pp. JAPANESE, per, Koso Kagaku Shimpojiu, Vol XII, 1957, pp 201-207.

NIH 8-18

Measurement and Discussion of the Integrated Intensities of the OH and C=O Infrared Absorption Bands, by Tiroshi Tsubomura. JAPANESE, per, Nippon Kagaku Zasshi, Vol LXXVII, No 6, 1956, pp 962-964.

Dept of Interior
TN 7, E 57, No 48

Scientific
Chemistry (Contd)

Studies on Polyvinylchloride. Report XXVIII.
Specific Gravity and Crystallinity of Pure
PVC-Fiber, by Tatsuya Imoto, Yutaka M. Nakai,
15 pp.
JAPANESE, per, Sen-i Gakkaishi, Vol XIII,
1957, pp 808-812.

AEC SCL-T-264

Studies on Polyvinylchloride. Report XXIX.
Maximum Point in the Shrinkage Curve of the
PVC-Fiber, 17 pp.
JAPANESE, per, Sen-i Gakkaishi, Vol XIII,
1957, pp 813-816.

AEC SCL-T-265

Chemistry of Toxic Components of Ericaceae,
by Tsunematsu Takemoto, Haruo Meguri, 19 pp.
JAPANESE, per, Yakugaku Kenkyu, Vol XXIX,
No 6, 1957, pp 588-596.

NIH 8-17

Chemical Studies on Callicrein, Report No 3 -
Purification by Zone Electrophoresis, by
Hiroshi Moriya, Eiichiro Shimazawa, 9 pp.
JAPANESE, per, Yakugaku Zasshi, Vol LXXIX,
No 3, 1959, pp 374-377.

NIH 8-15

The Thermal Conductivity of an Oxide Cathode,
by Ya. P. Zingerman.
UKRAINIAN, per, Ukrainskiy Fiz Zhur, Vol I,
1956, No 3, pp 308-311.

DSIR LLU RTS 1030

Investigation of the Influence of Potassium
Tetraborate on the Oxidation of Methane, by
V. I. Urizko, M. V. Polyakov.
UKRAINIAN, per, Ukrainskiy Khim Zhur, Vol
XXIV, No 2, 1958, pp 177-181.

DSIR LLU RTS 1181

Scientific
Chemistry (Contd)

A Study of the Effects of the Reactor Walls
on the Oxidation of Methane, by T. D.

Kornienko, M. V. Polyakov.

UKRAINIAN, per, Ukrainskiy Khim Zhur, Vol
XXIV, No 2, 1958, pp 182-189.

DSIR LLU RTS 1182

Investigation Into the Kinetics and
Mechanisms of Oxidation of Methyl Alcohol
in the Absence of a Catalyst, by S. M.

Loos, M. V. Polyakov.

UKRAINIAN, per, Ukrainskiy Khim Zhur, Vol
XXIV, No 2, 1958, pp 190-197.

DSIR LLU RTS 1183

Scientific
Electricity

Demands on the Electrical Industry in
Respect to Future Power Development.
RUSSIAN, per, Elektricheskie Stantsii,
No 2, 1958, pp 6-11.

Infosearch Ltd.

Currents and Movements of Induction and
Synchronous Machines During Speed Variation,
by L. G. Mamikonyants.
RUSSIAN, per, Elektrichestvo, No 8, 1958,
pp 54-64.

Infosearch Ltd.

Activation of the Electric Central Apparatus at
Lavino - Activation of Electric Installations
No 31, 4 pp.
ITALIAN, rpt, Attivazione Apparati Centrali
Elettrici di Lavino, 1956-1958.

ACSI, H-3376

Activation of the Automatic Block, With
Destination Selector Train Announcer, on the
Turin-Trofarello Line, and of a Remote-
Controlled Automatic Central Apparatus at
Sangone Junction - Activation of Electric
Installations No 48, 6 pp.
ITALIAN, rpt, Attivazione del Blocco Automatico,
Con Annuncio Dei Treni Selezionato per
Destinazione, Sulla Linwa Torino-Trofarello E
Di Un Apparato Centrale Automatico Regolato A
Distanza Nel Bibio Sangone, 1956-1958.

ACSI, H-3776

Scientific
Electronics

Reading Device Using Phototubes and Transistors,
by I. F. Miroshnikov, (DC-3084).

RUSSIAN, monograph, Peredovoy Nauchno-
Tekhnicheskiy i Proizvodstvennyy Opyt,
No P-58-20/1, 1959, pp 3-45.

*JPRS

Operations Experience of the Nondestructive
Testing of Transformer Insulation, by M. V.
Khomyakov.

RUSSIAN, bk, Transactions of the Second
Scientific Technical Session on the Operation
of High Voltage Insulation, Moscow, 1955,
pp 58-65.

DSIR LLU M.461

Influence of Dielectric Properties of Oil on the
Characteristics of Transformer Insulation, by
M. A. Gladkikh.

RUSSIAN, bk, Transactions of the Second Scientific
Technical Session on the Operation of High Voltage
Insulation, Moscow, 1955, pp 82-85.

DSIR LLU M.458

System for the Electronic Control of Fuel
Injection, by P. Yu. Livshits, V. E. Koganer.
RUSSIAN, per, Avtomobil Prom, No 10, 1958,
pp 12-15.

DSIR LLU RTS 1109

The Production of Negative Ions by Charge
Exchange, by V. M. Dukelsky.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CV, No 5,
1955, pp 955-957.

CCT-807B

Dynamic Stability of Long-Distance Power
Transmission With Proportional Control of
Excitation, by D. E. Trofimenko.

RUSSIAN, per, Elektrichestvo, No 10, 1956,
pp 1-6.

DSIR LLU M.457

Turbogenerator Rotor With Direct Cooling of
Winding Conductors, by V. V. Titov, Z. B.
Kogan.

RUSSIAN, per, Elektrichestvo, No 6, 1957,
pp 35-38.

DSIR LLU M.452

Scientific
Electronics (Contd)

Analysis of the Static Stability of Complex
Power Systems With the Aid of Electronic
Computers, by L. V. Tsukernik, N. A.
Kachanova.

RUSSIAN, per, Elektrichestvo, No 7, 1957,
pp 39-45.

DSIR LLU M.479

Synchronous Capacitators for Long Distance
Electrical Transmission, by A. I. Vazhnov, et al.
RUSSIAN, per, Elektrichestvo, No 10, 1958,
pp 43-47.

DSIR LLU RTS 1094

Investigation of the Electric Characteristics
of High Voltage Mercury Valves, by A. A.
Sakovich, 5 pp.
RUSSIAN, per, Elektrichestvo, No 5, 1959,
pp 14-17. 9042282

DSI 544 (British)

Methods of Detecting Faulty Suspension
Insulators, by P. M. Svi.
RUSSIAN, per, Elek Stants, No 6, 1957, pp 42-44.

DSIR LLU M.478

Corona Investigations on Transmission Lines at
400kV a.c. and Over, by N. P. Emel'yanov.
RUSSIAN, per, Elek Stants, Vol XXIX, No 7,
1958, pp 60-67.

DSIR LLU M.464

Experience With Spacers in the Bundled Conductor
System of a Transmission Line, by B. I. Komis-
sarov, S. A. Skobelev, E. T. Yarovi.
RUSSIAN, per, Elek Stants, Vol XXIX, No 7,
1958, pp 70-73.

DSIR LLU M.463

Linear Programming, 8 pp.
RUSSIAN, per, Grazhdanskaya Aviatsiya, No 8,
1958, pp 35-37.

AF 1255818

Microcalorimeters for Measuring Super-High
Frequency Power in the 3-Centimetre Range, by
A. I. Brodskiy, V. I. Pronenko.
RUSSIAN, per, Izmeritel Tekhnika, No 5, 1957,
pp 65, 66.

DSIR LLU M.473

Scientific
Electronics (Contd)

Mechanical Output Force During the Emission of Electromagnetic Energy and the Possibility of Using It for Measuring Purposes, by R. A. Valitov, P. A. Aleksandrov.

RUSSIAN, per, Izmeritel Tekhnika, No 5, 1957, pp 67, 68.

DSIR LLU M.474

Results of the Operation of the Experimental Industrial Direct Current Transmission Line Kashira-Moscow, by M. R. Sonin, 12 pp.

RUSSIAN, per, Iz Nauch-Issled Inst Postoyannogo Toka, No 2, 1957, pp 5-21. 9042248

DSI 545 (British)

Oscillations in Electron-Ion Plasmas, by M. F. Shirokov, O. V. Prudkovskaya.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved Fiz i Matemat, No 2, 1958, p 192.

Navy 2266/T-161

Trigger Devices Employing the Capacitance of p-n Junction, by V. I. Samoylenko, I. A. Glotov, 16 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, MVO, Radiotekh, No 1, 1959, pp 38-47.

ACSI, H-4527

'DON' Radar.

RUSSIAN, np, Morskoy Flot, May 1959, pp 31-33.

Navy 2277/ONI 583

Thermoelectric Cooling of Photomultipliers, by Ye. A. Kolenko, Kh. V. Protopopov, et al.
RUSSIAN, per, Pribery i Tekh Eksper, No 3, 1959, pp 140-142.

*ATIC MEL-353/III

Reliability of Radio-Electronic Equipment, by K. Trofimov, 6 pp.
RUSSIAN, per, Radio, No 1, 1959, pp 18-20, 30. 9042244

DSI 549 (British)

A Triangular Video Signal Generator, by Yu. N. Prozorovskiy.

RUSSIAN, per, Radiotekhnika, Vol XIII, No 8, 1958, p 47.

Navy 2260/T-155

Scientific
Electronics (Contd)

On the Theory of Stroboscopic Oscillation
Measurement, by V. A. Vol.
RUSSIAN, per, Radiotekhnika, Vol XIII, No 8,
1958, p 63.

Navy 2267/T-162

A New Method for Solving Electrostatic
Problems, by Burshtein, et al.
RUSSIAN, per, Radiotekhnika, Vol XIV, No 3,
1959.

Navy 2299/T-113

Feature Recognition, by A. A. Kharkevich.
RUSSIAN, per, Radiotekhnika, Vol XIV, No 5,
1959, p 12.

Navy 2283/T-165

Cumulative Probability of Detecting a Radar
Signal by N. M. Sedyakin.
RUSSIAN, per, Radiotekhnika, Vol XIV, No 5,
1959, p 44.

Navy 2284/T-166

Travelling Wave Antenna With Active Coupling
Impedances, by G. Z. Ayzenberg, 16 pp.
RUSSIAN, per, Radiotekhnika, No 6, 1959, pp 3-16.

JPRS-L-1881-D

Approximate Expression for Detection Probability
of a Signal With Unknown Phase at Optimum
Reception, by V. I. Burnimovich, 4 pp.
RUSSIAN, per, Radiotekh i Elektron, Vol III,
No 4, 1958, pp 552-554.

ACSI, H-4311

Methods for Focusing Electron Streams in
Modern Microwave Devices, by Z. S. Chernov.
RUSSIAN, per, Radiotekh i Elektron, Vol III,
No 10, 1958, p 1227.

Navy 2287/T-169

The Development of Electronics, Radio Communica-
tions and Television in Soviet Russia, 3 pp.
RUSSIAN, np, Sovetskiy Patriot, 19 Apr 1959.

AF 1255864

Calculation Peculiarities of Radio Transmitters
Used in Certain Meteorological Apparatus, by
N. I. Shtein, 11 pp.
RUSSIAN, per, Trudy Nauch Issled Inst Gidromet
Priborostroyen, 1957, pp 75-79.

AEC SCL-T-258

Scientific
Electronics (Contd)

Soviet Electronic Computers, 3 pp.
RUSSIAN, per, Voyennyye Znaniya, No 2,
1959, pp 21-23.

AF 1255861

A Survey of Soviet Reactors.
CZECH, per, Jaderna Energie, Vol V, No 3,
1959, pp 92-99.

*AEC

1. From the Altimeter to the AM-FM TV -
Sweepgenerator; 2. Possibilities of Using
the FM-Magnet From the AN-APNI Altimeter;
3. The Electron Prize Transmitter, 10 pp.
DUTCH, per, Electron, No 8, 1955, pp 224-226,
231-233.

525th MI Gp, H-4109

A Rotating Aerial; A Two Meter Converter With
Self Oscillating Triode, by J. G. Zuiderwijk,
3 pp.
DUTCH, per, Electron, No 8, 1956, pp 233-238.

525th MI Gp, H-4108

Distribution on Space Charge in Emission Tubes,
by M. Matricon, S. Trouve, 23 pp.
FRENCH, per, L'Onde Electrique, Vol XXX, 1950,
pp 510-521.

AEC Tr 3771

Considerations Regarding the Influence of
Weave and Fabric Structure on the Wear Strength,
by S. Richter, 7 pp.
GERMAN, per, Deutsche Textiltechnik, Vol VIII,
No 1, 1958, pp 23-25.

AEC SCL-T-262

A New Triggerable Sweep Unit for Electronic
Beam Oscillographs, by Hans Foerster, 6 pp.
GERMAN, per, Elektronik, No 12, 1958, pp 375-378.

ACSI, H-3548

Underwater Television, by Hans Leidholdt, 4 pp.
GERMAN, per, Siemens Z., Vol XXXIII, No 4, 1959,
pp 277-288.

Navy/ONI 5074911

Scientific
Electronics (Contd)

A. Microwave in Warfare; B. Microwave in Science, by Peter Lorant, 7 pp.
HUNGARIAN, bk, Mikrohullam, 1959, pp 72-75, 92-96.

ACSI, H-4466

Skin Effect in Solid Conductors Embedded in Circular Slots, by R. Tuschak, 26 pp.
HUNGARIAN, per, Periodica Polytech, Vol I, 1957, pp 27-51.

AEC Tr 3723

Scientific
Engineering

An Ultrasonic Flaw Detector, by Yu. V. Bogoslovskiy.
RUSSIAN, bk, publ by Mashgiz, 1957.

DSIR LLU M.462

Permissible Limits of Atmospheric Pollution,
by V. A. Ryazanov.
RUSSIAN, rpt, publ by Medgiz, No 3, 1957,
pp 6-15.

DSIP LLU M.425

Precision of Large Casting and Methods
of Their Preparation, by V. O. Yakovlev.
RUSSIAN, bk, Avtomatizatsiya Mashinostroitelnykh
Protsessov, Vol I, 1959, pp 76-85.

*ATIC MCL-357/III

Automatic Control of Resistance Welding Processes,
by D. S. Balkovets, P. L. Chuloshnikov.
RUSSIAN, bk, Avtomatizatsiya Mashinostroitelnykh
Protsessov, Vol I, 1959, pp 266-275.

*ATIC MCL-357/III

Works of Mvtu Im. Baumana on the Automation
of Welding Processes, by G. A. Nikolayev.
RUSSIAN, bk, Avtomatizatsiya Mashinostroitelnykh
Protsessov, Vol I, 1959, pp 280-289.

*ATIC MCL-357/III

Automation of Shielded-Arc Welding, by V. P. Verchenko.
RUSSIAN, bk, Avtomatizatsiya Mashinostroitelnykh
Protsessov, Vol I, 1959, pp 322-329.

*ATIC MCL-357/III

Automatic Welding of Parts From Aluminum and
Aluminum Alloys, by D. M. Rabkin.
RUSSIAN, bk, Avtomatizatsiya Mashinostroitelnykh
Protsessov, Vol I, 1959, pp 344-347.

*ATIC MCL-357/III

Utilization of Granulated Slags for Producing
Heavy Panelling and Cast Partitions, by K. I. Khokholev.
RUSSIAN, bk, Experience in the Use of Blast
Furnace Granulated Slags in Structural Works,
Chap IV.

BISI 1417

Scientific
Engineering (Contd)

Hydroelectric Power Plants: III. Elements of
Hydraulic and Energetic Design of Hydroelectric
Structures, by J. B. E. Iazaroff.
RUSSIAN, bk, Gidroelektricheskiye Silovyye
Ustanovki: Chast Tretya. Osnovy Energeticheskogo
i Gidravlicheskogo Rascheta i Proyektirovaniya
Gidroelektricheskikh Sooruzhenii, Moscow,
1937, 2d Rev. ed.

Bu of Reclam
Denver

Noise of Ship's Engines, by V. I. Zinchenko.
RUSSIAN, bk, Shum Sudovykh Dvigatelye, publ by
State Union Publ Office of Shipbuilding Ind,
Sudpromgiz, 1957.

Navy 2281/ONI 401

Engineering Properties of Clay and Its Importance
in Hydrotechnical Construction, by N. Y. Denisov.
RUSSIAN, bk, Stroitelnye Svoystva Glinistyykh
Porod i ikh Ispolzovaniye v Gidrotekhnicheskoy
Stroitelstvye, Gosenergoizdat, Moscow, 1956,
288 pp.

Bu of Reclam
Denver

On Criteria for the Manufacturability of an
Aircraft Design.
RUSSIAN, per, Aviatsionnaya Prom, No 3, 1958,
pp 26, 27.

*AID

Weight Engineering and Weight Control of
Aeronautical Structures.
RUSSIAN, per, Aviatsionnaya Prom, No 4, 1958,
pp 25, 26.

*AID

Calculation of Time Characteristics of
Pneumatic Flow Chambers, by V. N. Dmitriyev,
V. I. Chernyshev, 17 pp.
RUSSIAN, per, Avtomat i Telemekh, Vol XIX,
No 12, 1958, pp 118-125.

OTIA Tr 20

Dynamic Properties of Electric Pilot Vibration
Servomechanism, by I. N. Krutova.
RUSSIAN, per, Avtomat i Telemekh, Vol XX,
No 2, 1959, p 115.

Navy 2309/T-112

Scientific
Engineering (Contd)

Investigation of Pneumatic Jet Element Characteristics, by L. A. Zalmanzon, A. I. Semikova, 27 pp.
RUSSIAN, per, Avtomat i Telemekh, Vol XX, No 4, 1959, pp 447-467.

ACSI, H-4083

The Choice of Type of Brake Systems for Motor Trailers, by V. G. Rozanov.
RUSSIAN, per, Avtomobil Prom, No 2, 1958, pp 1-6.

DSIR LLU RTS 1108

The Determination of the Deflection and the Size of the Tire Contact Area With Soft Soil, by J. S. Ageikin, 7 pp.
RUSSIAN, per, Avtomobil Prom, No 5, 1959.

OTIA Tr 3983

Investigation of a New Way of Extracting Oil, by the "Thermo-Lift" Method, by M. N. Alizade, E. A. Bagbanly, A. A. Rasulzade, D. M. Mekhtiev, 5 pp.
RUSSIAN, per, Dok Ak Nauk Azerbaydzhanskoy SSR, No 2, 1959, pp 131-134.

LLU Tr Bul Aug 1959

Butterfly Valves for High Heads, by B. I. Yan'shin.
RUSSIAN, per, Energomashinostroyeniye, No 11, 1958, pp 20-24.

DSIR LLU RTS 1085

Toward the Broad Introduction of New Techniques, Complex Mechanization, and Automatization.
RUSSIAN, per, Grazhdanskaya Aviatsiya, Jun 1959, pp 3-5.

Navy 2276/ONI 573

Microcalorimeters for Measuring Super-High Frequency Power in the Three Centimetre Range, by A. I. Brodskiy, V. I. Prochenko.
RUSSIAN, per, Izmerit Tekh, No 5, 1957, pp 65, 66.

RAE 807

The Conversor, by G. Petrov.
RUSSIAN, per, Izobretatel' i Ratsionalizator, No 3, 1959, p 45.

LLU Tr Bul Aug 1959

Scientific
Engineering (Contd)

Dynamic Balancing of Rotors by the Oscillation Method, by V. M. Kashcheyev.
RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, No 2, 1958, pp 51-57.

Infosearch Ltd

Novikov Gearing -- Sensitivity of Novikov Gearing to Basic Geometrical Errors, Part III, by N. S. Krasnoshchekov, 8 pp.
RUSSIAN, per, Iz Vysshikh Uchebnykh Zavedeniy, Mash, No 3/4, 1958, pp 52-63. 9042274

DSI 530 (British)

Analysis of Thermal Protection Qualities of Padded Insulation, by L. I. Tret'yakova, 11 pp.
RUSSIAN, per, Iz Vysshikh Uchebnykh Zavedeniy, Tekh Legkoy Prom, No 1, 1958, pp 129-137.

319th MI Bn,
H-3333

Improving the Durability of Coke Furnace Roofs, by O. M. Margulis, Ye. A. Gin'yar, D. Ya. Sakovsky.
RUSSIAN, per, Koks i Khim, No 11, 1958, pp 26-29.

DSIR LLU M.497

Complex Mechanization and Automatization. The Main Course Towards Technical Progress, by Yu. Maksarev.
RUSSIAN, per, Kommunist, No 7, 1958, pp 35-46.

DSIR LLU RTS 1099

Casting of Cast Iron Parts Under the Action of Ultrasonics, by N. P. Nikolaychik, Ye. N. Nikolaychik.
RUSSIAN, per, Lit Proiz, No 2, 1958, p 25.

OTIA Tr 32

New Equipment for Deep Drilling, by N. S. Timofeyev, 18 pp.
RUSSIAN, per, Neft Khoz, No 10, 1958.

MEB

The Erection of a Complex Foundation for a Heavy Press, by L. V. Milid'yev.
RUSSIAN, per, Novaya Tekh Montazhnykh i Spetsialnykh Rabot v Stroitel'stve, No 4, 1959, pp 19-21.

*ATIC MCL-352/III

To Drill Wells Cheaper and Faster With a New Method.
RUSSIAN, np, Pravda, 22 Aug 1959, p 2.

*AID

Scientific
Engineering (Contd)

Immediate Tasks in the Development of

Automation, 7 pp.

RUSSIAN, per, Priborostroyeniye, No 12,
Moscow, 1958, pp 1, 2. 649245

ATIC F-TS-9996/III

A Tool for Disassembling Aircraft Screwed
Connections, 3 pp.

RUSSIAN, np, Sovet Aviatsiya, 14 May 1959.

AF 1255871

A Special Wrench, 3 pp.

RUSSIAN, np, Sovet Aviatsiya, 14 May 1959.

AF 1255890

Notes on Aviation Engineering Abroad.

RUSSIAN, np, Sovet Aviatsiya, 26 Aug 1959, p 3.

*AID

The 'SHAP-40' Diving Apparatus With an
Attached Hose, by V. Zaonegin.

RUSSIAN, np, Sovet Patriot, 19 Apr 1959, p 4.

Navy 2244/ONI 560

Means of Eliminating Stoppages in Sinter
Plants, by D. P. Pritykin, A. V. Drimbo.

RUSSIAN, per, Stal, Mar 1958, pp 202-205.

BISI 1416

Welded Gear Wheel Designs, by V. I. Dzen'.

RUSSIAN, per, Svarochnoye Proiz, Jan 1958,
pp 19-21.

BISI 1377

Fire Chisel, by V. Rabinovich, 3 pp.

RUSSIAN, per, Tekhnika Molodezhi, Vol XXV,
No 8, 1957, p 26.

Patent Office

Research on Telemechanics, by Ye. L.

Bykhovskiy, 26 pp.

RUSSIAN, per, Telemekhanika i yeye

Primeneniye, 1956, pp 5-18, 43-48, 66-71.

JPRS-L-928-N

Direct-Flow Boiler With Washing and Separating
System, by I. I. Koshelev.

RUSSIAN, per, Teploenergetika, No 7, 1958,
pp 55-63.

DSIR LLU RTS 1054

Scientific
Engineering (Contd)

The Curve of Statical Stability for a Ship,
With Account Taken of Variable Trim, by V.
V. Semenov-Tyan-Shanskiy.

RUSSIAN, per, Trudy Nauchno-Tekh Obshchestva
Sudostroitel Prom, Vol VII, No 2, 1957,
pp 161-170.

DSIR LLU RTS 1116

Test Application of the Load-Relief Method for
Investigation of Stresses in Deep Rock, by
Slobodov.

RUSSIAN, per, Ugol, No 7, 1958, pp 30-35.

DSIR LLU RTS 1068

Automatic Welding of Rectangular Aluminium
Busbars With a Molten Electrode, by A. M.
Povolotskiy.

RUSSIAN, per, Vest Elektro-Prom, No 1, 1959,
pp 46, 47.

LLU Tr Bul Aug 1959

Problems of Precision of Mechanical Machining
on Automatic Lines, by A. E. Prokopovich.

RUSSIAN, per, Vest Mash, No 4, 1955, pp 19-26.

Co-op Tr Scheme 233

Experiments on Whirling of Overhung Shafts at
the Nevsky Factory, Leningrad, by L. I.
Brozgul', 9 pp.

RUSSIAN, per, Vest Mash, No 3, 1959, pp 14-19,
9042276

DSI 535 (British)

A Gauge for Measuring Elongation During Creep
and Long-Term Strength Tests on Small Machines,
by B. M. Rakhman.

RUSSIAN, per, Zavod Lab, No 10, 1958,
pp 1272, 1273.

*AEC

A Method of Measuring Thicknesses With the Use
of an Ultrasonic Pulse Thickness Gauge, by I. F.
Lopatko, G. I. Usokin.

RUSSIAN, per, Zavod Lab, No 12, 1958, pp 1464-
1467.

DSIR LLU M.491

Power Measurements on Millimetric Valves, by
H. Weill.

FRENCH, per, Vide, No 67, Paris, 1957,
pp 122-127.

RAE 812

Scientific
Engineering (Contd)

Porous Membranes and Procedures for the Manu-
 facture of the Membranes.
 FRENCH, Patent No 1,172,527.

*AEC

Development of a Transition Weld Between
 Ferritic and Austenitic Superheater
 Tubing for Steam Plant Application, by
 B. Lofblad, G. Lindh.
 GERMAN, rpt, publ by International Institute
 of Welding, 30 Jun 1958, Vienna.

*BISI 1409

On the Determination of the Tensile Strength
 of Tubes in Ring Tensile Tests, by C.
 Kravcenko.
 GERMAN, per, Arch Eisenhuettenwesen, May 1959,
 pp 311-314.

BISI 1389

The Behavior of Aerofoil Cascades in Axial
 Compressors and in a Wind Tunnel, by P.
 de Haller.
 GERMAN, per, Brennstoffe Warmekr, Vol V, No 10,
 1953, pp 333-337.

TIL T 4979

The Development of Arc Furnaces and Electrode
 Control, by A. Driller.
 GERMAN, per, Elektrotechnische Z, 21 Feb 1956,
 pp 41-47.

*BISI 1433

On the Testing of Explosives: Determining
 the Sensitivity to Percussion of Explosives
 of Solid, Liquid, and Gelatinous Type, by
 H. Koenen, K. H. Ide, W. Haupt.
 GERMAN, per, Explosivstoffe, No 9, 1958,
 pp 202-214.

TIL T-4980

Development Tendencies and Weldability of
 Modern Steels for Boilers, Container and
 Chemical Plant Construction, by K. L. Zeyen.
 GERMAN, per, Ind Anzeiger, 27 Jun 1958,
 pp 739-743.

BISI 1406

Scientific
Engineering (Contd)

From Windward and Leeward (Shipbuilding).
GERMAN, per, Leinen Los, May 1959, pp 147, 148. Navy 2273/ONI 553

Experience With Multiple-Strand Semi-
continuous Casting, by R. Baake, H. Rosahl.
GERMAN, per, Neue Huette, Dec 1958, pp 740-746. BISI 1224

Knurling or Grooving of Rolls, by H. Neumann.
GERMAN, per, Neue Huette, Apr 1959, pp 244-246. BISI 1334

Clamping Devices for a Tensile-Test Machine
With a Wide Range of Applications, by G. Foldes,
12 pp.
GERMAN, per, Schweiz Arch Angew Wiss u Tech,
Vol XXIII, 1957, pp 188-193. AEC NP Tr 252

A Channel-Gap Level Meter for the Frequency
Range 12-552 Kilocycles, by A. Neumann, 6 pp.
GERMAN, per, Siemens-Zeitschrift, No 6, 1959,
pp 425-428. JPRS-L-1869-D

Jet Tapping of Open-Hearth Furnaces, by J.
Prior. I. Method of Construction and Operation.
II. Experience Gained, by W. Burmeister.
GERMAN, per, Stahl u Eisen, 2 May 1957,
pp 562-567. BISI 1234

Recent Investigations on the Relation Between
the Formation of the Chip and Tool Life When
Turning Steel With Carbide Tips, by G. Weber.
GERMAN, per, Stahl u Eisen, 13 Nov 1958,
pp 1678-1690. BISI 1355

Contribution to the Dynamics of Steel-Making
Processes, by W. Heischkeil, T. Kootz.
GERMAN, per, Stahl u Eisen, 19 Feb 1959,
pp 205-210. BISI 1265

First Blast-Furnace Gas Turbine Plant at a
German Steelworks, by K. Mueller-Trimbusch.
GERMAN, per, Stahl u Eisen, 16 Apr 1959,
pp 457-463. BISI 1376

Scientific
Engineering (Contd)

Electro-Hydraulic Forging Press With Crank
 Drive Apparatus, by A. Hertl.

GERMAN, per, Stahl u Eisen, 16 Apr 1959,
 pp 477-485.

BISI 1318

Investigations on Basic Steel Converter
 Bottoms, by W. Koehler, et al.

GERMAN, per, Stahl u Eisen, 14 May 1959,
 pp 674-683.

BISI 1369

Construction and Method of Operation of
 Static Frequency Tripler for the Heating
 and Melting of Metals, by G. W. Seulen.

GERMAN, per, Z Metallkunde, May 1959,
 pp 299-306.

*BISI 1402

Aerodynamic Design of the Open-Hearth Furnace,
 IV. Function of the Furnace Chamber, by H. A.
 Hasimoto.

JAPANESE, per Tetsu to Hagane, Jun 1957,
 pp 628-632.

BISI 1123

Cybernetics, by A. Sowinski, 6 pp.

POLISH, per, Miody Technik, No 1, 1959,
 pp 5-12.

ATIC MCL-14/III

Scientific
Fuels

Contact Cracking of Gndron.

RUSSIAN, bk, Petroleum Refining, Vol II,
1958, pp 113-123, 172-188.

*AJD

Synthetic Lubricating Oil, by A. I. Dintses,
A. V. Drushinina, 376 pp.

RUSSIAN, bk, Sinteticheskiye Smazochnyye Masla,
1958, 352 pp.

ATIC F-TS-9719/V

Combustion of Lean Gases, by L. B. Avetisyan,
et al.

RUSSIAN, per, Gaz Prom, No 4, 1957, pp 22-27.

Co-op Tr Scheme 644

Study of the Thermal Stability of Sulfurous
Fuels, 7 pp.

RUSSIAN, per, Khim i Tekh Topliv i Masel, No 2,
Jun 1959, pp 25-27.

AF 1255913

Effect of Temperature on the Formation of
Sediment in Hydrocarbon Fuels, 7 pp.

RUSSIAN, per, Khim i Tekh Topliv i Masel,
No 2, Jun 1959, pp 28-30.

AF 1255902

A New Diesel Fuel Standard, 3 pp.

RUSSIAN, per, Khim i Tekh Topliv i Masel,
No 2, 1959, Jun 1959, pp 71, 72.

AF 1255914

Carbonization of Bituminous-Coal Pitch in a
Fluidized Bed of Coke, by N. M. Karavayev,
et al.

RUSSIAN, per, Koks i Khim, No 10, 1958, pp 29-33.

DSIR LLU RTS 1105

Thermomagnetic Method of Concentrating and
Desulfurizing Coal, by A. Z. Yurovsky, I. D.
Remesnikov.

RUSSIAN, per, Koks i Khim, No 12, 1958,
pp 8-13.

DSIR LLU M.498

Relationship Between the Coking Period and
the Width of the Furnace Chamber, by D. M.
Lisin.

RUSSIAN, per, Koks i Khim, No 12, 1958,
pp 18-21.

DSIR LLU M.499

Scientific
Fuels (Contd)

Fuels for Cosmic Space Ships, by P. Petunin.
RUSSIAN, np, Komsomolskaya Pravda, No 197,
22 Aug 1959, p 4.

*ATIC MCL-360/III

Some Results From Burning Anthracite Cula
in the Furnace of a TP-230-2 Boiler, by
L. I. Pavlenko.
RUSSIAN, per, Teploenergetika, Vol IV, No 4,
1957, pp 28-33.

DSIR LIU M.454

Scientific
Geophysics

Preliminary Data on the Effects of Atomic Bomb Explosions on the Concentration of Artificial Radioactivity in the Lower Atmosphere and in the Soil, by B. M. Isayev, D. L. Simonenko, 19 pp. RUSSIAN, rpt, Acad of Sci, Moscow, 1956.

AEC NP Tr 208

Manual of Technical Terms and Design Standards for Planning an Irrigation System: Horizontal Drainage of Salt Marshes, 125 pp; Irrigation Systems With Glazed Pipe, 10 pp; Rice Irrigation Systems, 44 pp; Settling Basins in Irrigation Systems, 61 pp; Settling Basins in Irrigation Systems (alternative), 7 pp.

RUSSIAN, bk, Materialy k Tekhnicheskim Usloviyam i Normam Proyektirovaniya Orositel'nykh Sistem, Moscow, Vsesoyuznii Gosudarstvennii Institut po Proyektirovaniyu Vodokhozyaistvennogo Stroitel'stva, 1957.

Bu of Reclam
Denver

On the Nature of Deformation of Clay, by N. Y. Denisov.

RUSSIAN, bk, O Prirode Deformatsi Glinistyykh Porod, Moscow, 1951, 200 pp.

Bu of Reclam
Denver

Principles of Physics of the Earth, by V. A. Magnitskiy, 429 pp.

RUSSIAN, bk, Osnovy Fiziki Zemli, 1953, 290 pp.

ATIC F-TS 9444/V

Problems of Regulating River Flow. Issue 6. RUSSIAN, bk, Problemi Regulirovaniya Rechnogo Stoka, Vipusk 6, Moscow, Ak Nauk SSSR, 1956, 298 pp.

Bu of Reclam
Denver

Siphon Spillways. I., by T. V. Ivanova.

RUSSIAN, bk, Sifonnye Vodostrosi, I., Moscow, 1935, 128 pp.

Bu of Reclam
Denver

Siphon Spillways. II., by T. V. Ivanova.

RUSSIAN, bk, Sifonnye Vodostrosi, II., Moscow, 1939, 88 pp.

Bu of Reclam
Denver

Scientific
Geophysics (Contd)

**Structural Properties of Loess and Loesslike
Clays**, by N. Ya. Denisov.
RUSSIAN, bk, Stroitelniye Svoistva Lessa i
Lessovidnikh Suglinkov, Moscow, 1953, 154 pp.

Bu of Reclam
Denver

**Criterion (Test) for Verifying the Interpre-
tation of Gravity Observations**, by A. A.
Lyapunov, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CII, No 2,
1955, pp 265, 266. 649239

ATTC MCL-34/V

**Palynological Basis for the Subdivision of
the Quaternary Deposits in the Osinovy Region
of the Enisei Valley**, by V. V. Zeyuer, V. A.
Zubakov, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 1,
1958, pp 162-165.

CB

**Periodicity of Sedimentation in the Manyh
Depression (Quaternary and Pliocene History)**,
by S. N. Koptelova, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 1,
1958, pp 168-171.

CB

**Age of the Redbeds of the Southeastern Timan
Region**, by E. M. Lyutkevich, G. F. Shneider,
4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 1,
1958, pp 172-174.

CB

**The Subdivision of the Marine Permian Deposits
of the Southern Part of the USSR Into Stages**,
by A. D. Miklukho-Maklay, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 1,
1958, pp 175-178.

CB

**The Age and Origin of the Surface Sediments
in the Tom'-Kolyvan' Zone**, by A. V. Minervin,
4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 1,
1958, pp 179-182.

CB

Scientific
Geophysics (Contd.)

Volcanic Ash From the Meotian Sediments of
the Moldavian SSSR, by A. G. Eberzin, V. S.
Sayanov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX,
No 1, 1958, pp 183-.

CB

The Nonlinear Nonstationary Problem of Deter-
mination of Pressure Fields on the Planetary
Scale at an Average Atmospheric Level, by E. N.
Blinov, S. L. Belousov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 2,
1958, pp 281-284.

CB

The Theoretical Scheme of Air Circulation
Over Antarctica, by A. M. Gusev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX,
No 2, 1958, pp 285-288.

CB

Propagation of Waves in a Locally Isotropic
Turbulent Medium With Gradually Changing
Characteristics, by V. I. Tatarskiy, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX,
No 2, 1958, pp 289-.

CB

Ordovician Rocks in Eastern Pamir, by M. S.
Dyufur, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 2,
1958, pp 381-383.

CB

Laumontite From the Cretaceous Rocks in the
Lena Coal Basin, by A. S. Zaporozhtseva,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 2,
1958, pp 384-386.

CB

Ljolites in the Saizha and Gulkhen Plutons
of Alkalic and Basic Rocks (Vitim Plateau),
by A. A. Konev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 2,
1958, pp 387-389.

CB

New Traces of Volcanic Activity in the Devonian
of the Volga-Ural Region, by N. A. Mikhailov,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 2,
1958, pp 390-392.

CB

The Anokhino Tectonic Depression -- A New Occurrence of Jurassic and Triassic Rocks in the Trans-Ural Area, by V. I. Tuzhikova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 2, 1958, pp 393-396.

CB

The Akchagyl Deposits of Mangyshlak, by A. G. Eherzin, Yu. M. Kleiner, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 2, 1958, pp 397-.

CB

The Role of Pressure During Mineral Growth in Quartz-Wolframite Veins, by V. F. Barabanov, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 2, 1958, pp 400-.

CB

The Fossil Evidence for the Geologic Age of the Ergeni Sands (According to Mammalian Fauna), by L. I. Alekseyev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 3, 1958, pp 506-508.

CB

Upper Cretaceous Rocks of Northwestern Kamchacka, by M. A. Pergament, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 3, 1958, pp 609-612.

CB

The Nature of the Rocks in the Bashkirian Series in the Western Extension of the Donets Basin, According to Foraminifers, by P. D. Potyevskaya, M. V. Yartseva, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 3, 1958, pp 613-616.

CB

The Jurassic Fore-Carpathian-Dobrogean Marginal Depression, by V. I. Slavin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 3, 1958, pp 617-.

CB

The Conditions of Formation of Clay Minerals in Jurassic Rocks of the Southeastern Caucasus, by Ch. M. Khalifa-Zade, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 3, 1958, pp 621-.

CB

Results of Aeropetrographic Surveys of Recent Sands in the Northwestern Caspian Region, by M. A. Romanova, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 3, 1958, pp 625-628.

CB

The Relationship Between Electrical Conductivity and Pressure in the Constituents of the Suchan Coal Beds, by S. A. Toporets, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 3, 1958, pp 629-.

CB

Computation of Horizontal Eddy Diffusivity of Dye Tracers in the Sea, by R. V. Ozmilov, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 4, 1958, pp 761-.

CB

The Akchagyl and Apsheron Rocks in the Lower Reaches of the Amu-Darya River, by M. N. Gramm, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 4, 1958, pp 859-862.

CB

New Data on the Paleogene Formations of the Adzharo-Imeretin Range, by M. F. Dzvelaya, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 4, 1958, pp 863-865.

CB

The Role of the Ukrainian Shield in Developing the Paleozoic Structure of the Southern Part of European USSR, by I. Yu. Lapkin, L. S. Temin, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 4, 1958, pp 866-872.

CB

The Upper Triassic of Zemlia Vil'cheka Island (The Archipelago of Franz Josef Land), by L. P. Pirozhnikov, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 4, 1958, pp 873, 874.

CB

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Iron Contributed to the Sea of Okhotsk by the
Thermal Springs of the Volcano Ebeko (Paramushir
Island), by K. K. Zelenov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 5,
1958, pp 1089-1092.

CB

Correlation of Quaternary Deposits of the
Glaciated and Unglaciated Zones in the Enisei
Region of Siberia, by V. A. Zubakov, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 5,
1958, pp 1093, 1094.

CB

The Change of Magnetite Into Martite Ore in
the Saksagan Region of Krivoi Rog, by Yu. P.
Mel'nik, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 5,
1958, pp 1095-1098.

CB

Discoveries of Previously Unknown Genera of
Large Foraminifers in the Paleogene Rocks of
the Southern USSR and Their Stratigraphic
Significance, by G. I. Nemkov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 5,
1958, pp 1099-1102.

CB

The Age of the Karaganda Series in the Kara-
ganda Basin, by V. V. Sergeyev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 5,
1958, pp 1103-1105.

CB

The Age and Subdivision of the Jurassic Coal-
Bearing Deposits of Tuva, by P. P. Timofeyev,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 5,
1958, pp 1106-.

CB

Paragenesis of Late Hypogene Sulfides in the
Ores of the Zmeinogorsk Lead-Zinc Deposit in
Altai, by A. A. Garmach, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 5,
1958, pp 1110-.

CB

Scientific
Geophysics Section

Boudinage Structure in the Quartzite-Marble Formations of the Southwestern Baikal Region, by I. S. Delitsin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 5, 1958, pp 1114-.

CB

A New Genus of Ostracod in the Malinovka Formation in the Kuibyshev Trans-Volga Region, by M. M. Grachevskiy, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 5, 1958, pp 1322-1325.

CB

Correlation of the Quaternary Deposits in the Vilyui River Basin and the Valley Along the Lower Course of the Lena River, by M. N. Alekseyev, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 6, 1958, pp 1319-1321.

CB

Age Relations of the Crystalline Rocks in the Basin of the Lower Course of the Berda River (Western Azov Region), by K. A. Popravko, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 6, 1958, pp 1326-1329.

CB

Stratigraphy of the Lower Devonian in the Tuva Basin, by N. N. Predtechenskiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 6, 1958, pp 1330-1333.

CB

The Structure of the Modern Basement Surface in the Minusinsk Basin as Determined by Aeromagnetic Data, by A. P. Tarkov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 6, 1958, pp 1334-.

CB

Chlorophaeite From the Lower Mesozoic Basalts and Dolorites on the Eastern Slope of the Urals, by K. P. Ivanov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 6, 1958, pp 1338-.

CB

RUSSIAN

Stratigraphy of the Carboniferous in the Southern Part of the Chernyshev Ridge, by A. I. Elisseyev.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXI, No 2, 1958, pp 339-342.

DSIR LLU RTS 1120

The Separation of Metals by the Exchange Extraction Method, by L. M. Gindin, P. I. Bobikov, E. F. Kouba, I. F. Koop, A. M. Rozen, N. A. Ter Oganessov, N. I. Zagarskaya, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXII, No 3, 1958, pp 445-.

CB

The Mechanism of Fiber Breakage, by V. A. Kargin, V. A. Berestnev, T. V. Gatovskaya, E. Ya. Yaminskaya, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXII, No 4, 1958, pp 668-670.

CB

An Impulse Method for the Determination of the Capacity of the Packing in a Column and the Study of the Behavior of Liquid in the Assembly, by A. M. Rozen, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXII, No 4, 1958, pp 671-673.

CB

The Physicochemical Interaction Between Cement Block, Mortar and Concrete in the Set Condition and the Surrounding Medium, by Z. N. Tsilosani, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXII, No 4, 1958, pp 674-.

CB

A Two-Stage Catalyst for the Oxidation of Ammonia, by D. A. Epshtein, N. M. Tkachenko, M. A. Miniovich, N. V. Dobrovol'skaya, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXII, No 5, 1958, pp 874-.

CB

A Study of the Influence of Various Inhibitors on the Corrosion Cracking of Metals, by S. A. Balezin, V. V. Romanov, I. I. Podobayev, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 5, 1958, pp 902-.

CB

Scientific
Geophysics

The Selection of the Thickness of Gravel
Filter Beds in Drilled Wells, by I. V.
Gusak.

RUSSIAN, per, Gidrotekh i Meliorat, No 7,
1952, pp 62-69.

Co-op Tr Scheme 641

The Ultraviolet Spectrum of the Sun in the
2471 to 2635 Å Wavelength Region, by V. P.
Kachalov, N. A. Pavlenko, A. V. Yakovleva.
RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz,
No 3, 1958, pp 1099-1104.

*Navy/NRL

Geophysical Research in Marine Geology, by
V. V. Fedynskiy, (DC-3065).

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geol,
No 6, 1959, pp 3-15.

*JPRS

Concerning Normal Linear Correlations of
Vectors, by Yu. A. Shishkov, 11 pp.
RUSSIAN, per, Met i Gid, No 6, 1958, pp 55-58.

AEC SCL-T-261

The Stratosphere Jet Stream in the Cold Half
of the Year, by Kh. P. Pogosyan, (NY-2967).
RUSSIAN, per, Met i Gid, No 2, 1959, pp 18-21.

*JPRS

Forty Years of Hydrometeorological Service
in the Belorussian SSR, by A. A. Glomozda,
(NY-2967).
RUSSIAN, per, Met i Gid, No 2, 1959, pp 28-30.

*JPRS

Effect of Advection of Different Layers of
the Atmosphere on the Movement of Cyclones
and Anticyclones, by K. I. Kashin, M. V.
Gritsenko, (NY-2967).
RUSSIAN, per, Met i Gid, No 2, 1959, pp 30-35.

*JPRS

Literature on Meteorology, Hydrology, and
Oceanography for 1958, (NY-2967).
RUSSIAN, per, Met i Gid, No 2, 1959, pp 63-66.

*JPRS

On the Theory of the Formation of Clouds and
Aircraft Vapor Trails Under the Influence of
Mixing, by L. M. Matveyev, (NY-2966).
RUSSIAN, per, Met i Gid, No 3, 1959, pp 3-9.

*JPRS

Scientific
Geophysics (Contd)

- Determination of the Level of Maximum Wind Velocities in Various Parts of Jet Streams,**
by V. A. Avvakumov, (NY-2966).
RUSSIAN, per, Met 1 Gid, No 3, 1959, pp 27-29. *JPRS
- Changes in the Vertical Temperature Gradients and Fluctuations in the Height of the Tropopause,** by B. Ya. Slobodov, (NY-2966).
RUSSIAN, per, Met 1 Gid, No 3, 1959, pp 41-43. *JPRS
- Literature on Meteorology, Hydrology, and Oceanography for 1958 (Contd),** (NY-2966).
RUSSIAN, per, Met 1 Gid, No 3, 1959, pp 58-62. *JPRS
- Tasks of the Hydrometeorological Service in the Light of the 21st Session of the Communist Party,** by A. A. Zolotukhin, (NY-2968).
RUSSIAN, per, Met 1 Gid, No 4, 1959, pp 3-15. *JPRS
- Use of Electrodynanic Analogy to Calculate Thermal Intensification of Wind,** by N. V. Voronova, (NY-2968).
RUSSIAN, per, Met 1 Gid, No 4, 1959, pp 35-39. *JPRS
- The Use of a Bathythermograph in the Arctic,**
by S. S. Zalogin, M. S. Edel'man, 4 pp.
RUSSIAN, per, Met 1 Gid, No 4, 1959, pp 58-61.
9042247 DSI 546 (British)
- The Problem of Ozone,** by G. I. Kuznetsov, (NY-2968).
RUSSIAN, per, Met 1 Gid, No 4, 1959, pp 62-67. *JPRS
- Literature on Meteorology, Hydrology, and Oceanography for 1958, (Contd),** (NY-2966).
RUSSIAN, per, Met 1 Gid, No 4, 1959, pp 70-73. *JPRS
- General Circulation Index as an Indicator for Zonal and Meridional Synoptic Processes,** by A. L. Katz, (NY-2965).
RUSSIAN, per, Met 1 Gid, No 5, 1959, pp 3-8. *JPRS

Scientific
Geophysics (Continued)

Method for the Determination of Local Pressure
Variations From Wind Information, by I. P.
Vetlov, (NY-2965).

RUSSIAN, per, Met 1 Gid, No 5, 1959, pp 9-17.

*JPRS

In the Works of the Ukrainian Scientific Re-
search Hydrometeorological Institute, by
N. V. Sagatovskiy, (DC-3060).

RUSSIAN, per, Met 1 Gid, No 6, 1959,
pp 55-58.

*JPRS

Stratospheric Jet Stream in the Warm Half of
the Year, by Kh. P. Pogosyan, (NY-3005).

RUSSIAN, per, Met 1 Gid, No 7, 1959, pp 3-13.

*JPRS

The Structure of Atmospheric Turbulence Accord-
ing to Data From High-Speed Aircraft, by Yu. V.
Kurilova, S. P. Khachatryan, (NY-2995).

RUSSIAN, per, Met 1 Gid, No 8, 1959, pp 8-12.

*JPRS

Sounding the Atmosphere With the A-22-III
Radiosonde, by V. A. Pobiyakho, (NY-2995).

RUSSIAN, per, Met 1 Gid, No 8, 1959, pp 35-37.

*JPRS

Yu. B. Khrabrov - Method for Making Weather
Forecasts for Periods of 3-7 Days, by A. A.
Girs, (NY-2995).

RUSSIAN, per, Met 1 Gid, No 8, 1959, pp 47-50.

*JPRS

Literature for Meteorology, Hydrology, and
Oceanography for 1958, (NY-2995).

RUSSIAN, per, Met 1 Gid, No 8, 1959, pp 50-54.

*JPRS

Long-Range Prognoses of the Weather for the
Arctic and the Method by Which They Are Com-
piled, by A. Girs, 10 pp.

RUSSIAN, per, Morskoy Flot, No 3, 1959, pp 18-20.

JPRS L-958-N

The Content of Microelements in Certain Soils
Developed on Ore-Bearing Rocks, by D. P.

Malyuga, A. I. Makarova, 7 pp.

RUSSIAN, per, Pochvovedeniye, No 1, 1956,
pp 50-53.

AEC NP Tr 253

Scientific
Geophysics (Contd)

Gravity Measurements in Wells, by P. I. Lukavchenko, 24 pp.
RUSSIAN, per, Prik Geofiz, No 12, 1955, pp 157-176.

ATIC MEL 20/V

A Unified Timescale for Precambrian, by G. V. Voitkevich.
RUSSIAN, per, Priroda, No 5, 1958, pp 77-79.

DSIR LLU RTS 1123

New Instrument for Measuring the Optical Properties of Sea Water, by M. V. Kozlyaninov, (NY-3909/2).
RUSSIAN, per, Trudy Inst Okeanol Ak Nauk SSSR, Vol XXV, Moscow, 1957, pp 134-142.

*JPRS

Certain Considerations on Improving the Quality of Ice Forecasts, by S. V. Lutkovskiy.
RUSSIAN, per, Trudy Morskogo Gidrofiz Inst, Ak Nauk SSSR, Vol XII, 1958, pp 171-180.

Navy 2271/ONI 500

The Investigation of Rock Pressure Phenomena in Mine Workings by the Methods of the Mechanics of a Compact-Mass Medium, by V. G. Bochkarev.
RUSSIAN, per, Ugol, No 7, 1958, pp 24-28.

DSIR LLU RTS 1066

Solving Certain Problems in the Mechanics of Rocks, by E. T. Proyavkin.
RUSSIAN, per, Ugol, No 7, 1958, pp 28-30.

DSIR LLU RTS 1067

Make the Oceans Serve Socialist Construction, by Chu K'o-chen, 5 pp.
CHINESE, per, K'o-hsueh T'ung-pao, No 4, Peiping, 1959, pp 108, 109.

JPRS L-1857-D

Exert Our Utmost for the Fulfillment of Research Tasks in Oceanography, by Pei Li-sheng, 8 pp.
CHINESE, per, K'o-hsueh T'ung-pao, No 4, Peiping, 1959, pp 109-112.

JPRS L-1858-D

The Progress of Marine Physics and Our Task, 11 pp.
CHINESE, per, K'o-hsueh T'ung-pao, No 4, Peiping, 1959, pp 112-115.

JPRS L-1859-D

Scientific
Geophysics (Contd)

Marine Geology and the Problem of Submarine
Oil Resources, 8 pp.

CHINESE, per, K'o-hsueh T'ung-pao, No 4, Peiping,
1959, pp 118-120.

JPRS L-1861-D

Works of the Laboratory of Embryology, Insti-
tute of Oceanography, Academia Sinica, In the
Past 8 Years, by T'ung Ti-chou, 6 pp.

CHINESE, per, K'o-hsueh T'ung-pao, No 4,
Peiping, 1959, pp 124, 125.

JPRS L-1864-D

Utilization of Hydraulic Power, by S. Kratoch-
vil.

CZECH, bk, Vyuziti Vodni Energie, Praha, 1956,
693 pp.

Bu of Reclam
Denver

General Equation of the Transport of Non-Cohesive
Sediment by Water Current, by I. Egiazaroff.

FRENCH, Proceedings, 7th Congress, International
Association for Hydraulic Research, Lisbon,
1957, pp D 43 -- 1-10.

Bu of Reclam
Denver

The Utilization of Tidal Energy, by M. Vantroys,
24 pp.

FRENCH, bk, Ann Inst Tech Batiment et Trav
Publ, 1955, pp 320-336.

AEC IGRL T/R-72

Hungary: Bibliography of Hydrology 1945-1954.

HUNGARIAN, bk, Hungarie: Bibliographie Hydro-
logique, 1945-1954, Budapest, 1955, 180 pp.

Bu of Reclam
Denver

Water Power Development; Vol 1-Low-Head Power
Plants, by E. Mosonyi.

HUNGARIAN, bk, Magyar Tudomanyos Akademia,
1957, 908 pp.

Bu of Reclam
Denver

Poland: Bibliography of Hydrology.

POLISH, bk, Poladne: Bibliographie Hydrologique,
Warsaw, 1955, 51 pp.

Bu of Reclam
Denver

Hydrotechnical Research Laboratory, Bucharest.

RUMANIAN, pamphlet, Laboratorul de Cercetari
Hidrotehnice din Bucuresti, Bucharest, 1956,
32 pp.

Bu of Reclam
Denver

Scientific
Geophysics (Contd)

Yugoslavie: Bibliography of Hydrology.
SERBIAN, bk, Yugoslavie: Bibliographie
Hydrologique, Louvain, 1954, 28 pp.

Bu of Reclam
Denver

The Arctic in the Limelight, by Ragnar
Thoren, 8 pp.
SWEDISH, per, Sjovasendet, Jun 1959,
p 449.

Navy/ONI 5076030

Scientific
Mathematics

Work in Mathematical Linguistics, by S. A. Yanovskaya, (NY-3054).
RUSSIAN, bk, Matematika v SSSR za Sorok Let 1917-1957, Vol I, 1959, pp 116, 117.

*JPRS

Mathematical Logic and the Foundations of Mathematics, by S. A. Yanovskaya, (NY-3054).
RUSSIAN, bk, Matematika v SSSR za Sorok Let 1917-1957, Vol I, 1959, pp 13-116, 117-120.

*JPRS

Mathematical Research Connected With the Operation of Electronic Computers, by A. A. Lyapunov, (NY-3054).
RUSSIAN, bk, Matematika v SSSR za Sorok Let 1917-1957, Vol I, 1959, pp 857-863, 868-877.

*JPRS

Programming, by M. R. Shura-Bura, (NY-3054).
RUSSIAN, bk, Matematika v SSSR za Sorok Let 1917-1957, Vol I, 1959, pp 879-886.

*JPRS

On a More Accurate Solution of Reynolds' Equations, by N. A. Slezkin.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol LIV, No 2, 1946, pp 121-124.

CCT-832B

Generalized Reynolds' Equations, by N. A. Slezkin, S. M. Targ.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol LIV, 1946, pp 205-208.

CCT-833B

Physico-Mathematical, Natural, Technico-Scientific Series.
RUSSIAN, per, Iz Armyan Ak Nauk, Ser Fiz-Matemat Estestvennikh i Tekh Nauk, Vol VI, No 1, Erevan, 1953, 104 pp.

Bur of Reclam
Denver

Scientific
Mathematics (Contd)

Boundary Layer Equations and Boundary Conditions for Motion in a Slightly Rarefied Gas at Supersonic Speed, by Y. P. Lunin.

RUSSIAN, per, Prik Matemat i Mekh, Vol XXI, No 5, 1957, pp 597-606.

DSIR LLU M.470

Application of the Method of Small Disturbances to Problems of the Laminar Boundary Layer, by V. V. Lunev.

RUSSIAN, per, Prik Matemat i Mekh, Vol XXI, 1957, pp 606-614.

RAE 814

Approximate Calculation of Ephemerides in the Undisturbed Elliptic Motion, by B. M. Shchigolev.

RUSSIAN, per, Vest Mosk Univ, Ser Mat, Mekh, Astron, Fiz, Khim, No 4, 1958, pp 45-56.

*Rand Corp

Scientific
Medicine

Contributions to the Study of the Metabolism of Caesium, Strontium and a Mixture of Beta-Emitters in Cows, by A. V. Lebedinskiy, 18 pp. **RUSSIAN**, rpt, Sci Committee on Medical Radiology of Ministry of Health, 1956.

AEC/NP Tr 206

Summaries of Papers Presented at the Conference on the Remote Consequences of Injuries Caused by the Action of Ionizing Radiation, by F. G. Krotkov, A. V. Lebedinskiy, A. I. Ignatyev, 74 pp. **RUSSIAN**, rpt, State Med Literature Press, Moscow 1956.

AEC/NP Tr 207

Economic Principles of Preparing Depoted Tetanus Anatoxin, by A. V. Vorob'yev, A. V. Markovich, 21 pp. **RUSSIAN**, bk, Anaerobnyye Infektsii, Kiev, 1957 pp 24-37.

JPRS-L-917-N

Home-Canned Foods as a Source of Human Botulism, by M. S. Segal', P. A. Razumeyev, V. P. Ryabchikova, 4 pp. **RUSSIAN**, bk, Anaerobnyye Infektsii, Kiev, 1957 pp 145-147.

JPRS-L-917-N

A Study of the Action of Botulinus Toxin on the Phagocytic Capability of Elements of the Reticuloendothelial System, by Yu. I. Donets, 10 pp. **RUSSIAN**, bk, Anaerobnyye Infektsii, Kiev, 1957 pp 148-156.

JPRS-L-917-N

Vestibular Training, by R. Zasosov, A. Popov, 6 pp. **RUSSIAN**, bk, Bol'shaya Med Entsiklopediya, Vol V, Moscow, 1958, Col 275-279.

AF 1255904

High Altitude Flight, by D. Ivanov, 4 pp. **RUSSIAN**, bk, Bol'shaya Med Entsiklopediya, Vol VI, Moscow, 1958, Col 137-142.

AF 1255905

Scientific
Medicine (Contd)

Hypoxia, by I. Petrov, 10 pp.
RUSSIAN, bk, Bol'shaya Med Entsiklopediya,
Vol VII, Moscow, 1958, Col 204-214. AF 1255959

Ionizing Radiation Doses, by N. Darenskaya,
Y. Margulis, 11 pp.
RUSSIAN, bk, Bol'shaya Med Entsiklopediya,
No IX, Moscow, 1959, Col 689-698. AF 1255958

Physiological Principles of Training With
Protective Gas Masks, by V. K. Solov'yev,
87 pp. (ID 2112775).
RUSSIAN, bk, Fiziologicheskiye Osnovy Trenirovki
v Protivogazakh, Moscow, 1958. ACSI, H-4458

Isotopes in Microbiology; Transactions of the
Conference on the Application of Tracer Atoms
in Microbiology, by A. A. Imshenetskiy, 261 pp.
RUSSIAN, bk, Izotopy v Mikrobiologii; Trudy
Konferentsii po Primeneniyu Mechenykh Atomov
v Mikrobiologii, Moscow, 1955. AEC Tr 3494

Course in Epidemiology, by I. I. Elkin.
RUSSIAN, bk, Kurs Epidemiologii, 1958, T/C
and pp 51-57, 432 pp. 9042525 USDA

The Mechanism of Dark Adaptation, by B. G.
Korobko, 7 pp.
RUSSIAN, bk, O Zritel'noy Temnovoy Adaptatsii,
Leningrad, 1958, pp 55-60. JPRS-903-D

Mechanical Theory of Vision, by B. G. Korobko,
5 pp.
RUSSIAN, bk, O Zritel'noy Temnovoy Adaptatsii,
Leningrad, 1958, pp 83-88. JPRS-903-D

Tentative Study of Dark Adaptation, by B. G.
Korobko, 20 pp.
RUSSIAN, bk, O Zritel'noy Temnovoy Adaptatsii,
Leningrad, 1958, pp 207-224. JPRS-903-D

Scientific
Medicine (Contd)

Medical Service in Mass Attack, 222 pp.
RUSSIAN, bk, Organizatsiya Medit Obespecheniya pri Massovykh Porazheniyakh Naseleniya, Kiev, 1957, pp 90, 91, 184-341, 388-413. JPRS-L-973-N

Tasks of Psychology, by P. A. Rudik, 4 pp.
RUSSIAN, bk, Psikhologiya, 1958, pp 27-29. JPRS-904-D

Volitional Action, by P. A. Rudik, 27 pp.
RUSSIAN, bk, Psikhologiya, 1958, pp 227-252. JPRS-904-D

Psychological Characteristics of Personality, by P. A. Rudik, 44 pp.
RUSSIAN, bk, Psikhologiya, 1958, pp 287-325. JPRS-904-D

Psychological Character of Activity, by P. A. Rudik, 26 pp.
RUSSIAN, bk, Psikhologiya, 1958, pp 326-350. JPRS-904-D

The Principal Stages of the Development of the Soviet Public Health Service, by N. A. Vinogradov, Ye. D. Ashurkov, S. V. Kurashov, 60 pp.
RUSSIAN, bk, Sorok let Sovetskogo Zdravo-Okhraneniya, 1957, pp 31-86. JPRS-880-D

Medical Science, by N. I. Grashchenkov, 72 pp.
RUSSIAN, bk, Sorok let Sovetskogo Zdravo-Okhraneniya, 1957, pp 407-476. JPRS-880-D

Medical Libraries, by L. Ya. Basias, 7 pp.
RUSSIAN, bk, Sorok let Sovetskogo Zdravo-Okhraneniya, 1957, pp 503-511. JPRS-880-D

The USSR in Cipher: Statistical Handbook, (DC-3059).
RUSSIAN, handbook, SSSR v Tsifrakh: Statisticheskiy Sbornik, 1959, pp 422-451. *JPRS

Toxicology Problems of Radioactive Materials, by D. I. Zakutinskiy.
RUSSIAN, bk, Voprosy Toksikologii Radioaktivnykh Veshchestv, 1959, 152 pp. *AEC

Forty Years of Soviet Embryology, by A. G. Knorre, 23 pp.
RUSSIAN, per, Arkhiv Anatomii, Gistol i Embriol, Vol XXXV, No 2, 1958, pp 3-16. JPRS-L-932-N

Scientific
Medicine (Contd)

Development of Area 17 of the Cerebral Cortex in Humans During the Second Half of Intrauterine Life, by Ye. M. Kosmanova, 11 pp.

RUSSIAN, per, Arkhi Anatomi, Gistol i Embriol, Vol XXXV, No 2, 1958, pp 30-38.

JPRS-L-933-N

A. A. Zavarzin and N. G. Khlopin Theories of Tissue Evolution and the Problem of Their Creative Synthesis, by A. A. Braun, V. P. Mikhailov, 17 pp.

RUSSIAN, per, Arkhi Anatomi, Gistol i Embriol, Vol XXXV, No 3, 1958, pp 8-18.

JPRS-L-949-N

Recent Data on the Structure and Properties of the Cell Nucleus, by P. V. Makarov, 32 pp.

RUSSIAN, per, Arkhi Anatomi, Gistol i Embriol, Vol XXXV, No 6, 1958, pp 3-21.

JPRS-L-934-N

Rate of Maturing of the Spinal Reflex Arcs in Rabbits, by S. A. Troitskaya, 9 pp.

RUSSIAN, per, Arkhi Anatomi, Gistol i Embriol, Vol XXXV, No 6, 1958, pp 52-57.

JPRS-L-935-N

Decisions of the 21st Congress of the CPSU and Problems of Morphology, 7 pp.

RUSSIAN, per, Arkhi Anatomi, Gistol i Embriol, Vol XXXVI, No 5, 1959, pp 3-6.

JPRS-L-964-N

New Data on the Structure of Living and Survived Neurons and Interneuronal Connections, by V. N. Mayorov, (NY-2953).

RUSSIAN, per, Arkhi Anatomi, Gistol i Embriol, Vol XXXVI, No 6, 1959, pp 3-10.

*JPRS

Hypnosusceptibility in Neuroses and Its Physiological Basis, by B. M. Birman.

RUSSIAN, per, Arkhi Biol Nauk, Vol XXXVI, No 1, 1934.

Navy 2303/T-117

Objective Investigation of the Elements of Individual Experiment by Means of the Method of Experimental Hypnosis, by A. O. Dolin.

RUSSIAN, per, Arkhi Biol Nauk, Vol XXXVI, No 1, 1934.

Navy 2304/T-118

Scientific
Medicine (Contd)

The Significance of the Cerebral Cortex in
Disturbance of Metabolism, by A. O. Dolin, et al.
RUSSIAN, per, Arkhiv Biol Nauk, Vol XXXVI, No 1,
1934.

Navy 2305/T-119

Regulation of Physiological Processes, by V. V.
Voronin, (NY-3903/3).
RUSSIAN, per, Arkhiv Patologii, No 5, 1959,
pp 3-11.

*JPRS

Pathological Anatomy of Experimental Plague
in Camels, by V. N. Loharov, (NY-2952).
RUSSIAN, per, Arkhiv Patologii, Vol XXI, No 7,
1959, pp 37-42.

*JPRS

The Status of the Medico-Sanitary Service of
Children in the Azerbaydzhan SSR and the
Immediate Problems of the Organs of Public
Health, by F. M. Velikov, 10 pp.
RUSSIAN, per, Azerbaydzhanskiy Medit Zhur, No 5,
1959, pp 51-56.

JPRS-L-968-N

The Influence of the Excitation of the Central
Nervous System Upon Certain Processes in the
Metabolism of Adrenalin in the Vascular Walls
and in the Suprarenal Glands, by A. M. Utevsky,
M. L. Butom.
RUSSIAN, per, Biokhimiya, Vol XVIII, 1953,
pp 195-200.

CCT-1000B

The Content of Nucleic Acids and Their Nitro-
genous Bases in the Tissues of Rats Affected
by Developing Transplanted Tumors, by S. Ya.
Davidove.
RUSSIAN, per, Biokhimiya, Vol XIX, No 2, 1954,
pp 177-183.

CCT-1001B

Changes in the Role Played by Birds in Centres
of Tick Encephalitis as a Result of Timber
Cutting, by S. A. Shilova, D. G. Krylov, 10 pp.
RUSSIAN, per, Byull Moscov Obshch Otdel Biol,
Vol LXII, No 6, 1957, pp 25-29.

NIH 8-43

Scientific
Medicine (Contd)

The Histological Structure of the Esophagus of
Certain Cold-Blooded Vertebrates, by V. A.

Krasnyeva, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 1,
1958, pp 181-184.

AIBS

Changes in the White Blood Cells in Man During
Explantation, by A. I. Zhudina, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 1,
1958, pp 185--.

AIBS

The Cytochrome System of Biochemical Mutants of
Intestinal Bacilli and Staphylococci With Altered
Oxidation, by G. F. Gauze, L. P. Ivanitskaya,
G. B. Vladimirova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 1,
1958, pp 189--.

AIBS

On Gonad Maturation and Female Productivity in
Species of Euphausiids Abundant in the Barent
Sea, by E. A. Zelikman, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 1,
1958, pp 201-204.

AIBS

The Application of Radioactive C¹⁴ to Determine
the Assimilation of Protococcoid Algae by Larvae
of the Midge *Tendipes Plumosus*, by Yu. I. Sorokin,
A. N. Meshkov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 1,
1958, pp 205--.

AIBS

Ribonucleic Acid and the Cytoplasmic Isoelectric
Point, by V. G. Konarev, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 2,
1958, pp 393--.

AIBS

The Histology of the Human Vaginal Epithelium,
by A. I. Zhudina, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 2,
1958, pp 396-399.

AIBS

Scientific
Medicine (Contd)

The Histochemistry of the Succinoxidase System
of the Normal and Regenerating Nerve, by B. B.
Fuks, 5 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 2,
1958, pp 400-.

AIBS

Determination of the Rate of Bacterial Sulfate
Reduction in the Bottom Deposits of the Gor'-
kovskoe Reservoir, Using S^{32} , by G. A. Sokolova,
Yu. I. Sorokin, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 2,
1958, pp 404-.

AIBS

The Formation of the Rod-Shaped Particle of
Tobacco Mosaic Virus, by V. A. Smirnova, 5 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 2,
1958, pp 407-.

AIBS

Selection and Adaptation in the Development of
Resistance to Insecticides, by Yu. M. Olenov,
3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 2,
1958, pp 414-.

AIBS

The Effect of Cortisone on Cell Differentiation,
by I. A. Alov, 5 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 3,
1958, pp 584-587.

AIBS

Compensatory Changes in the Nerve Cells of the
Uterus During Pregnancy, by A. S. Gurvich, 5 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 3,
1958, pp 588-591.

AIBS

Cajal's Interstitial Cells, by N. G. Kolosov,
3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 3,
1958, pp 592-.

AIBS

The Effect of Metabolites and Antimetabolites
of the Tricarboxylic Acid Cycle on the Reproduc-
tion of the Vaccinia Virus in Chick Embryos, by
N. A. Zeitlenok, O. V. Konosh, E. R. Pille, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 3,
1958, pp 595-.

AIBS

Scientific
Medicine (Contd)

The Effects of Increased Oxygen, Carbon Dioxide,
and Nitrogen Partial Pressures on Cutaneous
Respiration in Man, by T. M. Petrun', 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 3,
1958, pp 611-613.

AIBS

The Higher Nervous Activity of Different Poultry
Breeds, by V. V. Ponomarenko, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 3,
1958, pp 614-617.

AIBS

Trypsin and Chymotrypsin in Normal Pancreatic
Function, by A. M. Ugolev, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 3,
1958, pp 618-.

AIBS

The Effect of Temperature on the Sexual Cycle
in Phoxinus Phoxinus L., by N. A. Yoff, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 3,
1958, pp 621-.

AIBS

Histochemical Investigation of Glycogen and Fat
of the Myocardium in Experimental Heart Diseases,
by S. A. Buvaylo, F. Z. Meyerson, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 4,
1958, pp 823-825.

AIBS

The Afferent Innervation of the Ileocecal
Sphincter, by V. E. Gavrishina, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 4,
1958, pp 826-.

AIBS

Changes in the Pancreas Resulting From Its
Sensory Denervation, by I. K. Lindenberg, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 4,
1958, pp 837-.

AIBS

A Peculiar Reduction of the Shin Bone in the
Doubling of the Limb in Frog in Nature, by A. A.
Voitkevich, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 4,
1958, pp 841-844.

AIBS

Scientific
Medicine (Contd)

Development of the Eye in the Lamprey in Connection With Certain Peculiarities of Its Ecology, by N. P. Lebkova, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 4, 1958, pp 845-.

AIBS

Isotopic Tracer Studies of Fertilization in Plants, by G. B. Medvedeva, L. Kh. Yeidus, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 5, 1958, pp 1037-.

AIBS

Vertical Distribution of Copopods in the Kuroshio and Their Mode of Penetration into the Zone of Mixing of Subtropical and Subarctic Waters, by A. K. Geinrikh, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 6, 1958, pp 1191-1193.

AIBS

Typing of Different Areas of the Neritic Zone of the Boreal Region of the Pacific Ocean, by G. I. Semina, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 6, 1958, pp 1194-.

AIBS

The Process of Wound Healing and the Problem of the Integrated Nature of the Organism as Exemplified of Amphibia, by N. A. Yoff, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 6, 1958, pp 1200-.

AIBS

Distribution of Specific Acetylcholinesterase in Corti's Organ With and Without Sound Stimulation, by Ya. A. Vinnikov, L. K. Titova, 5 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 1, 1958, pp 164-.

AIBS

Electron Microscopic Investigation of Cardiac Muscle, by N. B. Khristolyubova, 5 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 1, 1958, pp 168-.

AIBS

Scientific
Medicine (Contd)

Results of an Investigation of the Spawning
Grounds of Atlantic and Scandinavian Herring
During 1956, by I. G. Yudinov, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 1,
1958, pp 182-.

AIBS

The Secretary Function of Transitional Epithelium
and the Histogenetic Activity of the Secretion,
by A. Ya. Fridenshtein, 5 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 1,
1958, pp 185-.

AIBS

Observations on the Early Developmental Stages
of the Allantochorion in the Sheep Embryo, by
T. B. Aizenshtadt, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 1,
1958, pp 189-.

AIBS

Arrest of Mitosis by X-Rays at Early Develop-
mental Stages in Loach Spawn, by V. N. Belyayeva,
G. L. Pokrovskaya, 5 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 2,
1958, pp 361-364.

AIBS

Mitosis Rates in the Spleen During the Develop-
ment of Immunity, by S. Ya. Zalkind, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 2,
1958, pp 365-.

AIBS

The CC-57 White Mice Lines, by N. N. Medvedev,
3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 2,
1958, pp 369-.

AIBS

Influence of Flow-Rate in Reservoirs on the
Condition of the Bottom Fauna With Gor'kii
Reservoir as an Example, by A. F. Gun'ko, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 2,
1958, pp 372-.

AIBS

The Permeability of the Integument of Larvae of
Cockchafer, *Melolontha Melolontha* L., to the
Salt Na_2HPO_4 , by L. M. Semenova, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 2,
1958, pp 389-.

AIBS

Scientific
Medicine (Contd)

The Role of the Mesenchyme in the Development of the Pigmented Epithelium of the Sturgeon Eye, by N. V. Dabagyan, 5 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 2, 1958, pp 391-.

AIBS

Difference Between the Antigenic Properties of Normal Erythrocytes and Those From Patients With Various Neoplasms, by V. Parnes, P. Iakur, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 2, 1958, pp 395-.

AIBS

The Disinfection of Pebrinous Silkworm Eggs by Means of Sublethal Temperatures, by T. A. Bednyakova, V. N. Vereiskaya, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 2, 1958, pp 397-.

AIBS

The Effect of Partial Removal and Stimulation of the Cerebral Cortex on the Fibers of Areolar Connective Tissue, by E. N. Popova, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 3, 1958, pp 591-.

AIBS

Genotypically Induced Differences in Receptivity of CC-57 White and CC-57 Brown Mice to Spontaneous and Induced Pulmonary Tumors, by N. N. Medvedev, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 3, 1958, pp 594-.

AIBS

On the Development of Colorless Thiospirilla in a Bacterial Plague Together With Heterotrophic Microorganisms, by M. G. Vladimirova, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 3, 1958, pp 598-.

AIBS

On the Biology of Reproduction of Some Representatives of the Arctic and American Ornithofauna in North Eastern Yakutia, by K. A. Vorob'ev, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 3, 1958, pp 609-612.

AIBS

Scientific
Medicine (Contd)

Some Data on the Biology of Development and Reproduction of *Acanthocyclops Viridis* (Jur), (Copepoda, Cyclopoida), by A. V. Monakov, 4 pp. RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 3, 1958, pp 613-.

AIBS

Changes in the Minute Volume of the Heart and in the Indices of Vascular Tone in Experimental Hypertension by B. I. Tkachenko, 4 pp. RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 3, 1958, pp 617-.

AIBS

The Elucidation of the Life Cycle of the Nematode *Elaphostrongylus Rangiferi* sp. Nov. From the Reindeer, by V. Yu. Mitskevich, 3 pp. RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 3, 1958, pp 621-.

AIBS

The Combined Effect of Ethylenediaminetetraacetic Acid and X-Rays on *Tradescantia Paludosa* Microspores at Interphase, by N. L. Delone, 3 pp. RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 4, 1958, pp 800-.

AIBS

Endothelial Tissue Culture, by N. G. Khlopin, N. M. Chistova, 3 pp. RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 4, 1958, pp 803-.

AIBS

Certain Properties of a Virus-Like Cell-Free Agent Isolated From Leukemic Tissues of Man, by V. M. Bergol'ts, 4 pp. RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 4, 1958, pp 806-808.

AIBS

Ultramicroscopic Formations Found in Sea and Ocean Depths, by A. E. Kriss, A. S. Tikhonenko, V. I. Biryuzova, 4 pp. RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 4, 1958, pp 809-.

AIBS

Scientific
Medicine (Contd)

Regeneration of Dog Skull Vault Bone After
Trauma, by A. I. Matveyeva, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 4,
1958, pp 830-833.

AIBS

The Role of the Central Nervous System in
Regeneration of the Shed Tail in Lizards, by
M. F. Nikitenko, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 4,
1958, pp 834-.

AIBS

The Ontogenesis of the Opercular Skeleton of
the Acipenseridae and Its Phylogenetic Signifi-
cance, by V. I. Strelkovskiy, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 4,
1958, pp 837-.

AIBS

Qualitative Ribonucleoprotein Changes in Fibro-
blasts and Cutaneous Epithelium During Regenera-
tion of Traumatized Tissue, by R. G. Tsanev,
A. L. Shabadash, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 5,
1958, pp 1024-.

AIBS

On the Nutrition of Marine Copepods in the
Tropical Region, by A. K. Geinrikh, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 5,
1958, pp 1028-.

AIBS

Regeneration of Mammalian Myocardium, by L. V.
Polezhayev, L. V. Akhabadze, N. A. Zakharova,
V. L. Mant'eva, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 5,
1958, pp 1039-.

AIBS

The Role of the Hyaluronic Acid-Hyaluronidase
System in the Reabsorption of Water From the
Kidney Tubules, by A. G. Ginetsinskiy, L. N.
Ivanova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 5,
1958, pp 1043-1045.

AIBS

Scientific
Medicine (Contd)

Reflex Changes in Small-Intestine Motility in Response to the Action of Chemical Stimuli and Beta Rays on the Mucous Membrane, by N. A. Bokotova, I. M. Gorbunova, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 5, 1958, pp 1046-1049. AIBS

Effect of Unconditioned Stimulus Strength on the Spinal Motor Reflex, by G. T. Semenova, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 5, 1958, pp 1050-. AIBS

Warm-Blooded Animals as Carriers of the Causative Agent of Q-Fever, by B. E. Karulin, A. A. Pchelkina, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 5, 1958, pp 1054-. AIBS

Reactive Inhibition of Cell Division in the Corneal Epithelium Caused by Stimulation Following Glucose Injection, by A. K. Ryabukha, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 6, 1958, pp 1221-. AIBS

Effect of Concentration of Specific Substrate on Variability of Enzymatic Properties of Yeast, by K. V. Kosikov, O. G. Rayevskaya, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 6, 1958, pp 1225-. AIBS

Effect of Temperature on Gas-Exchange in Larvae of Some Pelopiinae (Tendipedidae, Diptera), by V. P. Luferov, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 6, 1958, pp 1229-. AIBS

The Peculiarities of the Appearance of Diapause in Different Geographical Population of the Spider Mite, by N. V. Bondarenko, K'uang Hai-Yuan, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 6, 1958, pp 1247-. AIBS

Scientific
Medicine (Contd)

Histological Changes of the Rat Myocardium
During Healing, by L. V. Akhmedze, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX,
No 6, 1958, pp 1251-.

AIBS

Electrical Recording of Reciprocal Excitation
and Inhibition in Separate Motor Neurons, by
P. G. Kostyuk, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX,
No 6, 1958, pp 1255-.

AIBS

Hereditary Information and Its Transformations,
by I. I. Shmal'gauzen, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 1,
1958, pp 187-.

AIBS

Synthesis of Vitamins in Nitrosomonas Europaea
Cultures, by E. L. Ruban, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 1,
1958, pp 193-.

AIBS

The Change in the Relative Size of Fins in the
Ontogenesis and Phylogenesis of Fish, by Yu. G.
Aleyev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 1,
1958, pp 204-207.

AIBS

On the Dwarf Males Among the Endemic Inhabitants
of Lake Baikal, by M. Yu. Bekman, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 1,
1958, pp 208-.

AIBS

Regeneration of Canine Dental Tissue, by L. V.
Polezhayev, A. I. Matveyeva, V. I. Vorob'eva,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 1,
1958, pp 212-.

AIBS

The Mode of Action of the Antidiuretic Hormone,
by A. G. Ginetsinskiy, M. G. Zaks, L. K. Titova,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 1,
1958, pp 216-218.

AIBS

Scientific
Medicine (Contd)

Electrical Manifestations of Reciprocal Excitation and Inhibition in Single Internuncial Neurons, by P. O. Kostyuk, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 1, 1958, pp 219-.

AIBS

Pyroninophilic Nuclei as an Index of the State of Desoxyribonucleic Acid, by V. G. Konarev, S. Z. Zakirov, T. N. Elsakova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 2, 1958, pp 409-411.

AIBS

Polysaccharide Changes During Gametogenesis, Fertilization and Cleavage in *Parascaris Equorum*, by P. V. Makarov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 2, 1958, pp 412-.

AIBS

The Survival of Anchovy Larvae in the Northwest and Certain Other Regions of the Black Sea in 1954-1955 in Relation to Food Conditions, by R. M. Pavlovskaya, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 2, 1958, pp 415-.

AIBS

The Life Cycle of *Mesocyclops Leucharti* Claus, (Copepoda, Cyclopoida), by A. V. Monakov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 2, 1958, pp 419-421.

AIBS

Some Data on the Reproduction of Tubificids, by T. L. Poddubnaya, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 2, 1958, pp 422-.

AIBS

Spatial Relations Between True Limbs and Accessory Limbs Developing Under Natural Conditions, by A. A. Voitkevich, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 2, 1958, pp 434-.

AIBS

Observations on Ova in Sable Ovaries, by Yu. B. Bayevskiy, D. K. Belyayev, I. G. Utkin, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 2, 1958, pp 439-.

AIBS

Scientific
Medicine (Contd)

The Nucleolar Apparatus in the Oogenesis of
Cyclops, by I. I. Kiknadze, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 3,
1958, pp 644-646.

AIBS

Change Effected by Calcium Chloride in the
Voltage-Time Curve for an Isolated Muscle Fiber,
by S. A. Krolenko, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 3,
1958, pp 647-.

AIBS

The Effect of Proteinases on the Proteins of
the Spinal Cord Nerve Cells, by Li Chao-T'ie,
5 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 3,
1958, pp 650-.

AIBS

The Nature of the First Generation Hybrid
Spring, Intermediate and Winter Varieties, of
Plants, by A. K. Fedorov, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 3,
1958, pp 654-656.

AIBS

Obtaining Fertile Interspecies Hybrids in
Silkworms of the Genus *Antheraea*, by V. G.
Shakhbazov, 5 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 3,
1958, pp 657-.

AIBS

Uptake and Loss of Calcium in First-Year Carp
as a Function of the Concentration of Calcium
Salts in the Surrounding Medium, by N. P.
Budakov, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 3,
1958, pp 661-.

AIBS

Regeneration of the Ovary in the White Rats
Following the Ligation of Its Neurovascular
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1958, pp 669-.

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Comparative Quiet or Exposed to Sound Stimula-
tion, by Ya. A. Vinnikov, L. K. Titova, 5 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXII, No 5,
1958, pp 921-924.

AIBS

Scientific
Medicine (Contd)

A Histochemical Investigation of the Epithelium
of the Amniotic Membrane in Man, by N. V.

Donsikh, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXII, No 5,
1958, pp 925-927.

AIBS

Embryogenesis of the Lingual Mucous Membrane and
Its Innervation, by K. A. Karapetyan 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXII, No 5,
1958, pp 928-.

AIBS

Some Data on the "Grazing Down" of Benthos by
Fish, by A. V. Assman, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXII, No 5,
1958, pp 932-.

AIBS

The Lysis of *Chlorella Pyrenoidosa* Pringh.

Cultures, by N. V. Zavarzina, A. E. Protsenko,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXII, No 5,
1958, pp 936-.

AIBS

Helomyzidae (Diptera) as Synanthropes in the
North of the Yakut ASSR, by K. B. Gorodkov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXII, No 5,
1958, pp 948-.

AIBS

The Origin of the Cetaces, by S. E. Kleinenberg,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXII, No 5,
1958, pp 950-.

AIBS

The Histochemistry of the Maculae Acusticae and
Cristae in the Mammalian Vestibular Labyrinth,
by Ia. A. Vinnikov, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXII, No 6,
1958, pp 1111-.

AIBS

Differences in Children's Responses, by Z. V.
Denisova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXII, No 6,
1958, pp 1122-.

AIBS

Scientific
Medicine (Contd)

- The Comparative Morphology of the Development of the Hypophysis in Bony Fishes, by A. I. Irikhimovich, M. P. Statova, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXII, No 6, 1958, pp 1126-. AIBS
- A Parasite Similar to Toxoplasma in the Brain of Voles, by D. N. Zasukhin, E. A. Shevkunova, B. E. Karulin, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXII, No 6, 1958, pp 1129-. AIBS
- Histochemical Study of Glycogen in Human Skin During Regeneration and Autotransplantation, by L. B. Berlin, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 1, 1958, pp 179-181. AIBS
- The Histochemical Nature of the Connective Tissue Ground Substance in the Skin of Newborn White Rats, by M. S. Vinogradova, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 1, 1958, pp 182-. AIBS
- The Influence of Hyaluronidase on the Formation of Fibrous Structures During Wound Healing, by B. S. Kasavina, I. I. Muzykant, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 1, 1958, pp 189-. AIBS
- Characteristics of the Motor-Food and Autonomic (Cardiac and Respiratory) Conditioned Responses in Pigeons and Rabbits, by G. Z. Abdullin, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 1, 1958, pp 192-195. AIBS
- Receptor Function of the Inferior Mesenteric Sympathetic Ganglion, by I. A. Bulygin, L. I. Belorybkina, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 1, 1958, pp 196-199. AIBS

Scientific
Medicine (Contd)

The Effect of Pyrazole Derivatives on the Central Nervous System, by G. N. Pershin, N. A. Novitskaya, A. N. Kost, I. I. Grandberg, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 1, 1958, pp 200-203.

AIBS

The Conditioned Pose Response, a Special Reaction in the Interval Between Presentations of Stimuli, by E. F. Polezhayev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 1, 1958, pp 204-.

AIBS

Application of Fluorescent Microscopy in Reflected Light for the Study of Soil Microflora, by N. A. Krasil'nikov, D. G. Zvyagintsev, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 2, 1958, pp 366-.

AIBS

Certain Peculiarities in the Biology of Reproduction and Development of Red Salmon-Oncorhynchus Nerka (Walbaum.), by A. I. Smirnov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 2, 1958, pp 371-.

AIBS

The Factors Involved in the Initiation of Rumination During Ontogenesis, by P. Tulbayev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 2, 1958, pp 377-.

AIBS

The Structure and Function of Excretory Canals in Tapeworms, by E. D. Logachev, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 2, 1958, pp 381-.

AIBS

The Heterogeneity of Ribonucleic Acid in Animal Cells, by V. Ya. Brodskiy, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 3, 1958, pp 546-549.

AIBS

The Effect of Adrenalin on Cell Division Following Sympathectomy, by M. K. Zakharov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 3, 1958, pp 550-.

AIBS

Scientific
Medicine (Contd)

Induction of Directed Hereditary Changes in
Drosophila Melanogaster, by S. M. Gershenzon,
I. A. Kiseleva, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 3,
1958, pp 554-.

AIBS

Effect of Soy Oil and Its Components on Strepto-
mycin Production, by T. B. Kazanskaya, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 3,
1958, pp 561-.

AIBS

Lunar Periodicity in Spawning of Littoral and
Upper-Sublittoral Invertebrates of the White Sea
and Other Seas, by S. A. Mileikovskiy, 5 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 3,
1958, pp 564-.

AIBS

The Rate of Evolution in Lamnoid Sharks, by L. S.
Glikman, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 3,
1958, pp 568-.

AIBS

The Introduction of a Parasite With a Complex
Life Cycle, Bothriocephalus Gowkongensis Ten,
1955, During Acclimatization of Fish From the
Amur River, by M. A. Malevitskaya, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 3,
1958, pp 572-.

AIBS

The Regenerative Power of the Cranial Bone Tissue
of Warm-Blooded Animals During Postnatal Onto-
genesis, by N. G. Rogal', V. V. Maksay, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 4,
1958, pp 760-.

AIBS

Changes in the Skeletal Muscle Tissue During
Training, by K. S. Lobyntsev, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 4,
1958, pp 764-.

AIBS

A Histoautoradiographic and Histochemical Study
of the Inclusion of P³² in Nerve Cells, by N. D.
Gracheva, 5 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 5,
1958, pp 937-.

AIBS

Scientific
Medicine (Contd)

Development of Conditioned Motor Reflexes of
the So-Called Voluntary Type in Month-Old
Babies, by I. A. Vakhrameyeva, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSR, Vol CXXIII, No 5,
1958, pp 944-.

AIBS

Differentiation of the Gonads in the Karakul
Sheep Embryo, by K. G. Gazaryan, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 5,
1958, pp 948-.

AIBS

The Preopticohypophyseal Neurosecretory System
in Sturgeon, by A. L. Polenov, I. A. Barannikova,
5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 6,
1958, pp 1117-1120.

AIBS

The Structure of the Synapses in the Reticular
Formation of the Cat Medulla, by Sh. A. Khidro-
gluyan, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 6,
1958, pp 1121-.

AIBS

Concerning Synaptic Junctions in the Nervous
System of the Intestine of Cyclostomes, by A. A.
Miloknin, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 6,
1958, pp 1131-.

AIBS

Rate of Phosphorus Exchange in the Carbohydrate
and Lipoprotein Fractions During Hysteriosis, by
L. A. Kalchev, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 6,
1958, pp 1133-1136.

AIBS

Secretion of Milk in Goats After Complete
Severance of the Spinal Cord, by G. B. Tverskoy,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 6,
1958, pp 1137-.

AIBS

Scientific
Medicine (Contd)

Variation in the Permeability of the Hemato-
Encephalic and Hemato-Ophthalmic Barriers With
Lowering of Atmospheric Pressure, by E. N.

Schmidt, 7 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVI, No 3,
1959, pp 696-698. 9042192

NIH 9-19

Therapeutic and Diagnostic Value of Galanthamine
for Patients With Various Stages of Poliomyelitis,
by N. A. Shenk, M. B. Eydinova, I. M. Mitbreyt,
14 pp.

RUSSIAN, per, Farmakol i Toksikol, Vol XIX, No 4,
1956, pp 36-41. 9041869

NIH 9-35

The Results of the Joint Plenary Session of the
Boards of the All-Union and All-Russian Scientific
Societies of Hygienists, 5 pp.

RUSSIAN, per, Gig i San, No 7, 1959, pp 3-5.

JPRS-L-1855-D

The Problem To Be Solved by Soviet Hygienists in
Connection With the Decisions of the XXI Congress
of the CPSU, by F. G. Krotikov, (NY-2992).

RUSSIAN, per, Gig i San, No 8, 1959, pp 3-11.

*JPRS

The Effect of Impulse Noise on Workmen in
Industry, by O. P. Shepelin, (NY-2992).

RUSSIAN, per, Gig i San, No 8, 1959, pp 26-32.

*JPRS

On the Question of the Effect of Beryllium
Fluoride on an Organism, by E. M. Zamakhovskaya,
B. I. Martsinkovskiy, E. E. Syroechkovskiy, 15 pp.
RUSSIAN, per, Gig Truda i Tekh Bezopasnosti, No 2,
1934, pp 23-32.

AEC NP Tr 249

The Production of Radioactive Anthrax Bacilli,
by M. M. Agababyan, 7 pp.

RUSSIAN, per, Iz Ak Nauk Armyanskoy SSR, Biol
i Sel'skokhoz Nauk, Vol XII, No 1, 1959,
pp 69-73.

JPRS-L-1841-D

From the Practice of Treating Burns, by A. F.
Popov, (NY-2951).

RUSSIAN, per, Kazanskiy Med Zhur, Vol XL, No 3,
May/Jun 1959, pp 70-73.

*JPRS

Scientific
Medicine (Contd)

The All-Union Conference on the Problems of
Controlling Alcoholism, by Ye. S. Stankevich,
Yu. G. Shapiro, (NY-2951).
RUSSIAN, per, Kazanskiy Med Zhur, Vol XL, No 3,
May/Jun 1959, pp 104-108.

*JPRS

Basic Problems of Modern Anesthesia, by I. S.
Zhorov, 16 pp.
RUSSIAN, per, Khirurgiya, No 6, 1959, pp 3-12.

JPRS-L-1844-D

Treatment of Vast Thermic Burns, by R. L.
Ginzburg, N. N. Priorov, (NY-2950).
RUSSIAN, per, Khirurgiya, No 7, 1959, pp 3-12.

*JPRS

A Film Made of Rapidly Solidifying Liquid
Plastic for Primary Covering of Burns, by V. A.
Polyakov, (NY-2950).
RUSSIAN, per, Khirurgiya, No 7, 1959, pp 13-16.

*JPRS

The Effect of Immunotherapy on the Functional
Condition of the Kidneys in Burns, by S. V.
Skurkovich, I. I. Zaretskiy, (NY-2950).
RUSSIAN, per, Khirurgiya, No 7, 1959, pp 16-20.

*JPRS

Primary and Accelerated Early Necrectomy and
Skin Grafting in Burns, by D. Frank, (NY-2950).
RUSSIAN, per, Khirurgiya, No 7, 1959, pp 38-44.

*JPRS

Treatment of Burns in Connection With Modified
Sensitivity of the Burned Surface Microflora
to Antibiotics (Synthomycin), by M. V. Shelya-
khovskiy, F. E. Puterman-Lippert, (NY-2950).
RUSSIAN, per, Khirurgiya, No 7, 1959, pp 44-50.

*JPRS

Clinical Significance of the Angioreceptors of
the Thyroid Gland, by V. I. Akimov, 10 pp.
RUSSIAN, per, Klin Med, Vol XXXII, No 9, 1954,
pp 49-52. 9042235

NIH 9-24

Scientific
Medicine (Contd.)

Urgent Tasks of Medical Science in the Light of the Decisions Reached at the XXI Congress of the Communist Party of the Soviet Union, by A. N. Bakulev, (NY-2949).

RUSSIAN, per, Klin Med, Vol XXXVII, No 7, 1959, pp 3-6.

*JPRS

Medical Technique in 1959-1965, by M. G. Anan'yev, N. V. Antoshina, (DC-3054).

RUSSIAN, per, Klin Med, No 8, 1959, pp 14-19.

*JPRS

Search for Methods of Radical Chemoprophylaxis and Relapse-Free Cure of Tertian Malaria With Brief and Prolonged Incubation. Eighth Communication. Further Observations on Quinocide Tolerance, by G. E. Gozodova, 14 pp.

RUSSIAN, per, Med Parazitol i Parazitarnye Bolezni, Vol XXV, No 4, 1956, pp 318-323.

NIH 9-32

We Will Carry Out the Resolutions of the 21st Congress of the CPSU, by L. V. Sharlov, 5 pp.

RUSSIAN, per, Med Prom SSSR, No 5, 1959, pp 3-5.

JPRS-L-918-N

The Current Status of the Problem of Drug Therapy of Malignant Tumors, by V. A. Chernov, 18 pp.

RUSSIAN, per, Med Prom SSSR, No 5, 1959, pp 6-14.

JPRS-L-919-N

A High-Frequency Tonometer for Measuring and Recording Intraocular Pressure, by A. P. Nesterov, P. G. Gorbarenko, Yu. I. Sakharov, 6 pp.

RUSSIAN, per, Med Prom SSSR, No 5, 1959, pp 54-57.

JPRS-L-920-N

Early Fulfillment of the Seven-Year Plan, by D. Ku. Skalaban, I. I. Pakhomov, 4 pp.

RUSSIAN, per, Med Prom SSSR, No 6, 1959, pp 3-5.

JPRS-L-944-N

Let's Increase the Output of Electromedical Equipment, by A. M. Ruzin, 4 pp.

RUSSIAN, per, Med Prom SSSR, No 6, 1959, pp 5-7.

JPRS-L-955-N

Scientific
Medicine (Contd)

Prospects for the Development of Equipment
for High-Frequency Electrotherapy, by A. R.
Livenson, 13 pp.

RUSSIAN, per, Med Prom SSSR, No 6, 1959,
pp 8-15.

JPRS-L-966-N

The Medical Industry in 1959, by A. G. Nat-
radze, M. I. Bernfel'd, (NY-2948).

RUSSIAN, per, Med Prom SSSR, No 7, 1959,
pp 3-6.

*JPRS

The Nature of Changes in the Antigenic
Structure of Proteins Under the Effects of
Ionizing Radiations, by L. A. Zilber, V. A.
Artamonova, 9 pp.

RUSSIAN, per, Med Radiolog, Vol IV, No 5,
1959, pp 3-6.

JPRS-L-921-N

The Penetration of Sr, Cs, Ru, Fe Through the
Placental and Mammary Barriers, by V. G. Kuli-
kova, 9 pp.

RUSSIAN, per, Med Radiolog, Vol IV, No 5, 1959,
pp 23-27.

JPRS-L-922-N

The Influence of the Dose Rate of Radiation on
the Biological Effect, by L. V. Kozlova, 7 pp.
RUSSIAN, per, Med Radiolog, Vol IV, No 5, 1959,
pp 48-52.

JPRS-L-923-N

The Efficacy of Certain Complexones in the Causal
Treatment of Acute Y^{91} Intoxication, by L. A.
Il'yin, 10 pp.

RUSSIAN, per, Med Radiolog, Vol IV, No 5, 1959,
pp 72-76.

JPRS-L-924-N

The Methodology of Studying the Role of Physical
Stress Under Conditions of Irradiation of Animals,
by K. V. Ivanov, V. V. Pereygin, V. P. Milikhov,
Ye. A. Pal'mov, 5 pp.

RUSSIAN, per, Med Radiolog, Vol IV, No 5, 1959,
pp 84, 85.

JPRS-L-925-N

Scientific
Medicine (Contd)

The Effect of Ionizing Radiation on Immunity,
by V. L. Troitskiy, M. A. Tumanyan, 7 pp.
RUSSIAN, per, Med Radiolog, Vol IV, No 5,
1959, pp 91-93.

JPRS-L-926-N

Experimental Anthrax Infection in Irradiated
Animals, by A. P. Krasil'nikov, N. A. Izrael',
(DC-3029).
RUSSIAN, per, Med Radiolog, Vol IV, No 6, 1959,
pp 56-60.

*JPRS

The Influence of Penetrating Radiation on the
State of the Higher Nervous Activity in Animals,
by V. P. Baskakov, (NY-2980).
RUSSIAN, per, Med Radiolog, Vol IV, No 8, 1959,
pp 10-13.

*JPRS

Concerning Certain Mechanisms of the Influence
of Low Doses of Chronic Total X-Ray Irradiation
on the Higher Nervous Activity and Certain
Vegetative Functions of White Rats, by L. G.
Samoylova, (NY-2980).
RUSSIAN, per, Med Radiolog, Vol IV, No 8, 1959,
pp 13-17.

*JPRS

Chain Reactions in the Lipids of the Liver in
Radiation Affection, by A. I. Zhuravlev, E. E.
Ganassi, (NY-2980).
RUSSIAN, per, Med Radiolog, Vol IV, No 8, 1959,
pp 32-37.

*JPRS

Primary Toxicity in Acute Radiation Sickness,
by E. D. Buglov, S. I. Dovgalev, V. G. Karavayev,
(NY-2980).
RUSSIAN, per, Med Radiolog, Vol IV, No 8, 1959,
pp 37-41.

*JPRS

Further Study of the Problem Concerning the
Influence of Ionizing Radiation Upon the Anti-
genic Properties of Proteins, by W. A. Artamonova,
(NY-2980).
RUSSIAN, per, Med Radiolog, Vol IV, No 8, 1959,
pp 42-48.

*JPRS

Scientific
Medicine (Contd)

Radiation Injuries of Ovaries, by M. N. Pobedinskiy, (NY-2980).
RUSSIAN, per, Med Radiolog, Vol IV, No 8, 1959, pp 72-78.

*JPRS

The Influence of Varying Doses of Ionizing Radiation on the Morphology of Animals' Brain in Total Irradiation, by M. M. Aleksandrovskaya, (NY-2980).
RUSSIAN, per, Med Radiolog, Vol IV, No 8, 1959, pp 79-81.

*JPRS

The Scientific Conference on "Certain Biochemical Effects Caused by Ionizing Radiation", (NY-2980).
RUSSIAN, per, Med Radiolog, Vol IV, No 8, 1959, pp 93-95.

*JPRS

Air as an Habitat for Microorganisms, by V. A. Kordyum, E. S. Bobchenko.
RUSSIAN, per, Mikrobiol, Vol XXVIII, No 2, Mar/Apr 1959, pp 231-235. 9042532

USDA

The Brain and Cybernetics, by S. N. Braynes, A. V. Napalkov, (NY-3903/3).
RUSSIAN, per, Nauka i Zhizn, No 6, 1959, pp 17-21.

*JPRS

Basic Directions of Evolution of Ixodoidea, by B. I. Pomerantzev, 17 pp.
RUSSIAN, per, Parasit Art Zool Inst Acad Sci USSR, Vol X, 1948, pp 5-18.

NIH 8-42

On Burn Auto-Antibodies, by N. I. Kuznetsova, S. V. Skurkovich, (NY-2947).
RUSSIAN, per, Patolog Fiz i Eksper Terapiya, Vol III, No 4, 1959, pp 57-60.

*JPRS

15-Years of Experience in Work With Linear Mice in Experimental Oncology, by N. N. Medvedev, (NY-2947).
RUSSIAN, per, Patolog Fiz i Eksper Terapiya, Vol III, No 4, 1959, pp 76-82.

*JPRS

Scientific
Medicine (Contd)

Flight Surgeon and Flights, by V. Platov, 4 pp.
RUSSIAN, per, Sovet Aviatsiya, No 145, 23 Jun
1959, p 2.

AP 1255977

Problems in the Study of the Theory and History
of Medicine in the USSR in the Light of the
Decisions of the XXI Congress of the Communist
Party of the Soviet Union, by M. I. Barsukov,
(NY-2946).
RUSSIAN, per, Sovet Med, Vol XXIII, No 7, 1959,
pp 3-12.

*JPRS

On the Tasks and the Role of Pediatric Science
in the Further Reduction of Childhood Morbidity
and Mortality in the Coming Seven-Year Period,
by Yu. F. Dombrovskaya, 8 pp.
RUSSIAN, per, Sovet Zdravookhraneniye, Vol XVIII,
No 6, 1959, pp 3-7.

JPRS-L-905-N

Statistical Data on Ambulatory, Polyclinic, and
Hospital Aid in Urban and Rural Medical Establish-
ments of the USSR, 13 pp.
RUSSIAN, per, Sovet Zdravookhraneniye, Vol XVIII,
No 7, 1959, pp 57-64.

JPRS-L-965-N

The Employment of Computing Techniques in
Medicine, by A. D. Voskresenskiy, A. I. Prokhorov,
(DC-3057).
RUSSIAN, per, Sovet Zdravookhraneniye, Vol XVIII,
No 8, 1959, pp 19-25.

*JPRS

Our Aims, 6 pp.
RUSSIAN, per, Sudebno-Med Ekspertiza, Vol II,
No 2, 1959, pp 3-6.

JPRS-L-913-N

The Sequence of Reactive Changes in the Blood
Under the Influence of Ionizing Radiation, by
A. N. Komissarov, M. E. Komissarov, L. T.
Kostitsyn, (NY-2990).
RUSSIAN, per, Terapevticheskiy Arkhiv, Vol XXXI,
No 8, 1959, pp 3-11.

*JPRS

Scientific
Medicine (Contd)

Fundamental Principles in the Treatment of
Acute Radiation Injuries, by V. B. Farber,
(NY-2990).

RUSSIAN, per, Terapevticheskiy Arkhiv, Vol XXXI,
No 8, 1959, pp 12-17.

*JPRS

Soviet Biochemists Visiting USA, by V. N.
Orekhovich, S. R. Mardashev, S. S. Debov,
(NY-2936).

RUSSIAN, per, Vest Ak Med Nauk SSSR, No 7,
1959, pp 57-67.

*JPRS

Certain Differences in the Tularemia Pathogen
in the Old and New World, by N. F. Olsuf'yev,
O. S. Yemel'yanova, T. N. Dunayeva, (NY-2991).
RUSSIAN, per, Vest Ak Med Nauk SSSR, Vol XIV,
No 6, 1959, pp 51-58.

*JPRS

The Pathways of Development and Further Tasks
of Medical Science in Uzbekistan (A Prospective
Plan for Medical Science Development in Uzbek-
istan), by E. I. Atakhanov, 10 pp.

RUSSIAN, per, Vest Ak Med Nauk SSSR, Vol XIV,
No 6, 1959, pp 74-78.

JPRS-L-959-N

Complex Therapy of Radiation Sickness During
Blood Losses, by M. Ya. Chaykovskaya, O. S.
Sergel', G. N. Yelpat'yevskaya, 10 pp.
RUSSIAN, per, Vest Rentgenolog i Radiolog,
Vol XXXIV, No 3, 1959, pp 47-52.

JPRS-L-1842-D

Current Problems of Dosimetry in Radiation
Therapy, by A. N. Krongauz, 13 pp.

RUSSIAN, per, Vest Rentgenolog i Radiolog,
Vol XXXIV, No 3, 1959, pp 52-59.

JPRS-L-1843-D

Aerosoltherapy in Veterinary Medicine, by V.
Kapatsina, T. Dzhurdzhu.

RUSSIAN, per, Veterinariya, Vol XXXVI, No 5,
1959, pp 41-45. 9042523

USDA

Main Stages in the Development Studies of
Glanders, by Ya. E. Kolyakov.

RUSSIAN, per, Veterinariya, Vol XXXVI, No 7,
1959, pp 84-88.

*USDA

Scientific
Medicine (Contd)

Eradication of Glanders in the USSR Is an Outstanding Achievement of Soviet Epizootiologists, by N. M. Nikol'skiy, RUSSIAN, per, Veterinariya, Vol XXXVI, No 7, 1959, pp 89, 90.

*USDA

On the Reflector Nature of Controlling Machines, by I. I. Gal'perin, (NY-3903/3). RUSSIAN, per, Voprosy Filosofii, No 4, Jul-Aug 1957, pp 158-168.

*JPRS

Determinism and Teleology, by I. T. Frolov, 23 pp. RUSSIAN, per, Voprosy Filosofii, No 2, 1958, pp 35-49.

JPRS-L-976-N

Philosophical Problems in Contemporary Genetics, by N. V. Turbin, 34 pp. RUSSIAN, per, Voprosy Filosofii, No 2, 1958, pp 112-127.

JPRS-L-977-N

Genetics of Microorganisms and Present-Day Views on Heredity, by M. N. Zhukov-Verezhnikov, A. P. Pekhov, 20 pp. RUSSIAN, per, Voprosy Filosofii, No 6, 1958, pp 127-138.

JPRS-L-941-N

Philosophical Problems in the Theory of the Material Basis of Heredity, by D. F. Petrov, 23 pp. RUSSIAN, per, Voprosy Filosofii, No 7, 1958, pp 102-112.

JPRS-L-957-N

Method of Microdetermination of Antimony in Urine and Blood of Patients Suffering From Visceral Leishmaniasis in Solyusur'min Therapy, by L. N. Lapin, 9 pp. RUSSIAN, per, Voprosy Med Khim, Vol II, 1956, pp 309-315.

AEC Tr 3726

Distance Method of Investigating the Movement of the Cerebrospinal Fluid, by M. N. Vasilivskiy, A. I. Naumenko, 7 pp. RUSSIAN, per, Voprosy Neyrokhirurgii, Vol XXI, 1957, pp 30, 31.

NIH 9-20

Scientific
Medicine (Contd)

Origin and Development of Conscious Control of Movements in Man, by A. V. Zaporozhets, 20 pp. RUSSIAN, per, Voprosy Psikholog, Vol IV, No 1, 1958, pp 24-36.

JPRS-L-951-N

Experimental Study of Typological Characteristics of the Nervous System in Children (From Play Material), by L. I. Usmanskii, 17 pp. RUSSIAN, per, Voprosy Psikholog, Vol IV, No 1, 1958, pp 184-190.

JPRS-L-952-N

Phasic States of Excitability of the Cerebral Cortex as Related to Certain Individual Psychological Characteristics of Students, by P. P. Raspopov, 25 pp. RUSSIAN, per, Voprosy Psikhologii, Vol IV, No 2, 1958, pp 23-37.

JPRS-L-914-N

Development of Automatic Performance of Mental Activities, by G. S. Sukhobskaya, 17 pp. RUSSIAN, per, Voprosy Psikhologii, Vol IV, No 3, 1958, pp 74-86.

JPRS-L-953-N

Formation of Space Perception and Spatial Concepts in Children, by E. N. Kabanova-Meller, 14 pp. RUSSIAN, per, Voprosy Psikhologii, Vol IV, No 3, 1958, pp 161-167.

JPRS-L-954-N

Critical Moment in the Psychic Development of the Child, by N. V. Chrelashvili, 8 pp. RUSSIAN, per, Voprosy Psikhologii, Vol IV, No 4, 1958, pp 105-115.

JPRS-L-945-N

The Role of Speech in Child Development, by A. R. Luriya, 23 pp. RUSSIAN, per, Voprosy Psikhologii, Vol IV, No 5, 1958, pp 3-17.

JPRS-L-961-N

Psychology and the Concept of the Reflex, by M. G. Yaroshevskiy, 20 pp. RUSSIAN, per, Voprosy Psikhologii, Vol IV, No 6, 1958, pp 66-78.

JPRS-L-909-N

Scientific
Medicine (Contd)

Specific Nature of the Individual Consciousness of Man as the Highest Degree of Mental Development, by N. P. Antonov, 15 pp.
RUSSIAN, per, Voprosy Psikhologii, Vol IV, No 6, 1958, pp 79-87.

JPRS-L-910-N

Mechanism by Which Children Master Pronunciation During the Second and the Third Year, by G. M. Liyamina, 21 pp.
RUSSIAN, per, Voprosy Psikhologii, Vol IV, No 6, 1958, pp 119-130.

JPRS-L-911-N

The Resistance of the Ornithosis-Psittacosis Virus to the Action of Physicochemical Agents, by V. M. Bolotovskiy, 7 pp.
RUSSIAN, per, Voprosy Virusolog, No 1, 1959, pp 63-67.

JPRS-L-948-N

Method of Interception of Grippe Virus in a Dropping Phase of Aerosol. Rpt 1. Effectiveness of Interception of Grippe Virus by the Apparatus of D'Yakonov and the Filters From the Gelatinous Foam, by S. Ya. Gaidamovich, V. V. Vlodavets, V. P. Obukhova.
RUSSIAN, per, Voprosy Virusolog, No 4, 1959, pp 396-400.

*USDA

Method of Interception of Ornithosis Virus in a Dropping Phase, by V. M. Bolotovskiy.
RUSSIAN, per, Voprosy Virusolog, No 4, 1959, pp 505-508.

*USDA

Medical Control of Training Catapults.
RUSSIAN, per, Voyenno-Med Zhur, No 5, 1959, pp 23-29.

*AID

Changes in Blood Oxygenation Depending on Pressure Suit Effectiveness.
RUSSIAN, per, Voyenno-Med Zhur, No 5, 1959, pp 29-32.

*AID

Some Problems of Aeromedicine From Abroad.
RUSSIAN, per, Voyenno-Med Zhur, No 5, 1959, pp 36-38.

*AID

Scientific
Medicine (Contd)

Cybernetics and Control Problems of the
Medical Service, by A. M. Grigor'yev, O. K.
Gavrilov, L. B. Polyakov, K. V. Lashkov,
(NY-3903/3).

RUSSIAN, per, Voyenno-Med Zhur, No 6, 1959,
pp 76-80.

*JPRS

The Use of Electronic Computers in Medicine,
by A. D. Voskresenskiy, A. I. Prokhorov,
(NY-3903/3).

RUSSIAN, per, Voyenno-Med Zhur, No 6, 1959,
pp 81-88.

*JPRS

The Ninth All-Union Congress of Physiologists,
Biochemists, and Pharmacologists, by M. F.
Merezhinskiy, 4 pp.

RUSSIAN, per, Zdravookhraneniye Belorussii,
Vol V, No 4, 1959, pp 3-5.

JPRS-L-969-N

Concerning the Question of Intravital Diagnosis
of Botulism, by I. A. Dukalov, A. K. Golosnitskiy.
RUSSIAN, per, Zhur Mikrobiol, Epidemiol i Immuno-
biol, No 12, 1958, pp 43-46. 9042524

USDA

A Practical Evaluation of the Rechmenskiy-Type
Apparatuses for Bacteriological Investigations
of the Air, by A. S. Iabinskaya, 7 pp.

RUSSIAN, per, Zhur Mikrobiol, Epidemiol i Immuno-
biol, Vol XXX, No 2, 1959, pp 74-78.

JPRS-L-931-N

On Tularemic Bacteriophage (Preliminary Report),
by I. S. Kolyaditskaya, K. V. Kuchina, A. A.
Shmurygina.

RUSSIAN, per, Zhur Mikrobiol, Epidemiol i Immuno-
biol, Vol XXX, No 3, 1959, pp 13-16. 9042530

USDA

Variability of B. Tularenze in Various Methods
of Storage in Laboratory Conditions, by O. S.
Emelyanova.

RUSSIAN, per, Zhur Mikrobiol, Epidemiol i Immuno-
biol, Vol XXX, No 3, 1959, pp 22-26. 9042527

USDA

Scientific
Medicine (Contd)

The Study of Virulence of Various Strains of
B. Tularensis Isolated in the Natural Nidus of
Infection, by M. P. Tereshchenko.

RUSSIAN, per, Zhur Mikrobiol, Epidemiol i Immuno-
biol, Vol XXX, No 3, 1959, pp 33-35. 9042528

USDA

The Significance of Winds in the Intensification
of the Transmissive Tularemic Outbreak and in its
Spread Beyond the Limits of the Natural Nidus, by
V. G. Pilipenko.

RUSSIAN, per, Zhur Mikrobiol, Epidemiol i Immuno-
biol, Vol XXX, No 3, 1959, pp 41-46. 9042529

USDA

The Problem of the Immunological Effectiveness
of Live Vaccines Upon Combination of Them With
NIISI Polyvaccine Report II, by F. A. Shpigunov,
8 pp.

RUSSIAN, per, Zhur Mikrobiol Epidemiol i Immuno-
biol, Vol XXX, No 4, 1959, pp 19-23.

JPRS-L-1840-D

Organization of Anti-Bacterial Defense of the
Population in the U. S. A., by K. G. Gapochko,
G. G. Gromozdov, (NY-2963).

RUSSIAN, per, Zhur Mikrobiol Epidemiol i Immuno-
biol, Vol XXX, No 7, 1959, pp 118-121.

*JPRS

Immediate Scientific and Practical Tasks in
Controlling Infectious Diseases, (DC-3048).

RUSSIAN, per, Zhur Mikrobiol, Epidemiol i Immuno-
biol, Vol XXX, No 8, 1959, pp 3-9.

*JPRS

Some Problems Pertaining to the Reform of Higher
Medical Education, by V. A. Bashenin, (DC-3048).

RUSSIAN, per, Zhur Mikrobiol, Epidemiol i Immuno-
biol, Vol XXX, No 8, 1959, pp 9-12.

*JPRS

Some Problems Touching Upon the Reorganization
of Higher Medical Education, by B. Ya. El'bert,
(DC-3048).

RUSSIAN, per, Zhur Mikrobiol, Epidemiol i Immuno-
biol, Vol XXX, No 8, 1959, pp 12-17.

*JPRS

Scientific
Medicine (Contd)

To Closer Adapt Medical Microbiology Instruction to Practical Requirements, by A. B. Pshenichnov, (DC-3048).

RUSSIAN, per, Zhur Mikrobiol, Epidemiol i Immunobiol, Vol XXX, No 8, 1959, pp 18-21.

*JPRS

Academic Experience and Measures for Further Improvement in Teaching Epidemiology at Medical Institutes, by A. B. Aleksanyan, (DC-3048).

RUSSIAN, per, Zhur Mikrobiol, Epidemiol i Immunobiol, Vol XXX, No 8, 1959, pp 21-26.

*JPRS

One of the Forms of Prolonged Pathological Reactions in Puberty, by K. A. Novlyanskaya, 10 pp.

RUSSIAN, per, Zhur Nevropatol i Psikhatrii, Vol LVIII, No 7, 1958, pp 861-866.

JPRS-L-906-N

Cybernetics in Neurology, by L. G. Chlenov, 14 pp.

RUSSIAN, per, Zhur Nevropatol i Psikhatrii, Vol LVIII, No 10, 1958, pp 1259-1264.

JPRS-L-907-N

Cybernetics and Some Problems in Psychiatry, by A. D. Zurabashvili, 11 pp.

RUSSIAN, per, Zhur Nevropatol i Psikhatrii, Vol LVIII, No 10, 1958, pp 1264-1268.

JPRS-L-908-N

The "Ink Blot" Method in Determining the Characteristics of the Signal Systems in Persons of Different Temperaments, by N. S. Shipkovenskiy, 9 pp.

RUSSIAN, per, Zhur Nevropatol i Psikhatrii, Vol LVIII, No 11, 1958, pp 1326-1332.

JPRS-L-950-N

Munitions for Health, by F. Portnov, 9 pp.

RUSSIAN, per, Znaniye-Sila, No 3, 1959, pp 12, 13.

JPRS-L-939-N

Studies on the Life-History of Haemaphysalis Bispinose Neum, by Teng Kuo-Fan, 20 pp.

CHINESE, per, Chinese Journal of Entomology, Vol 7, No 2, 1956, pp 166-180.

NIH 8-44

Scientific
Medicine (Contd)

The Effect of Cobalt on Survival and Body Temperature Changes in Hypoxia, 6 pp.
CROATIAN, per, Acta Medica Yugoslavica, Vol XXI,
No 1-2, 1958, pp 186-192.

AF 1255884

Experimental Contributions to the Lymphatic Pathogenesis of Anthrax Infection, 13 pp.
CZECH, per, Ceskoslovenska Mikrobiol, Vol III,
No 2, 1958, pp 82-91.

ACSI, H-4582

Thematic Plan of Research in the Field of Medical Sciences and Health for the Year 1960, by Drs. Plojhar, Kahuda, Erban, (DC-3021).
CZECH, per, Vestnik Ministerstva Zdravotnictvi,
Vol VII, No 13, 20 Jun 1959, pp 117-128.

*JPRS

Otolaryngological and Vestibular Examination of Flyers and Applicants for Flight Service, 10 pp.
CZECH, per, Vojenske Zdravotnicke Listy, Sup,
No 3, pp 14-18.

AF 1255868

Continuous Treatment of Hemophilia With Hemostatic Hecht (H.-H.), by Dr D. L. Hulst, 10 pp.
DUTCH, per, Nederlandsch Tijdschrift Voor Geneeskunde, Jun 1942, pp 1548-1552.

NIH 8-23

The Treatment of Hemophilia With Hemostyptic Hecht, by Dr D. L. Hulst, 17 pp.
DUTCH, per, Nederlandsch Tijdschrift Voor Geneeskunde, Vol LXXXV, 1941, pp 2189-2196.

NIH 8-24

Sarcomatoid Transformation of Transplanted Carcinoma, by Th. G. Van Rijssel, 26 pp.
DUTCH, per, Vierde Jaarboek van Kankeronderzoek en Kankerbestrijding in Nederland, 1954,
pp 17-31.

NIH 9-12

A Serological Study of the Epidemiological Role of a Recently Discovered Respiratory Virus: Strain EA 102 of Type 3 Myxovirus. Parainfluenzae, by C. Chany, F. Robbe-Fossat, J. Couvreur, 9 pp.
FRENCH, mss., 9 pp.

NIH 9-30

Scientific
Medicine (Contd)

Report on the Third European Congress of Aviation
Medicine in Louvain Near Brussels, by Heins Von
Diringshofen, 8 pp.

FRENCH, rpt, 23-27 Sep.

AF 1207334

The Continuous Culture Method. Theory and
Applications, by J. Monod, 37 pp.

FRENCH, per, Annales de l'Institut Pasteur,
Vol LXXIX, No 4, 1950, pp 390-410.

NIH 9-22

Immunological Study on Salmonellas. V. The Role
of Certain Sugars, in Particular the 3-6
Didesoxyhexoses, in the Specificity of Kauffmann-
White O Antigens, by A. M. Staub, R. Tinelli,
O. Luderitz, O. Westphal, 43 pp.

FRENCH, per, Annales de l'Institut Pasteur,
Vol XCVI, No 3, 1959, pp 303-332.

NIH 8-27

Research in Perceptual Development. VII.
Configuration in Depth in the Constancy of
Sizes, by M. Lambercier, 12 pp.

FRENCH, per, Archives de Psychologie, Vol XXXI,
1946, pp 300-306.

NIH 8-32

II. Visual Comparison of Heights at Varying
Distances in the Fronto-Parallel Plane, by
Jean Piaget, Marc Lambercier, 9 pp.

FRENCH, per, Archives de Psychologie, Vol XXIX,
1943, pp 188-193.

NIH 8-33

The Problem of Visual Comparison in Depth
(Constancy in Size) and the Systematic Error
of the Reference Object, by Jean Piaget,
Marc Lambercier, Renee Iturbide, 18 pp.

FRENCH, per, Archives de Psychologie, Vol XXIX,
1943, pp 267-276.

NIH 8-34

A New Attempt to Prevent Infections in Infants
in Institutions by the Injection of Gamma
Globulin, by B. Meyer, F. Alison, J. J. Willard,
11 pp.

FRENCH, per, Bull de l'Institut National
d'Hygiene, Vol XIII, No 2, Apr-Jun 1958,
pp 373-380.

NIH 9-34

Scientific
Medicine (Contd)

- The Role of Ribonucleic Acid in the Cell, by
J. Brachet, 49 pp.
FRENCH, per, Bulletin de la Soc de Chim Biolog,
Vol XL, No 11, 1958, pp 1387-1413. NIH 8-2
- Remarks on the Aspecific Factors Governing the
Evolution of the Virus Infections. The Idea of
the Critical State, by Andre Lwoff, Marguerite
Lwoff, 6 pp.
FRENCH, per, Comptes Rendus, Vol CCXLVIII, 1959,
pp 154-156. NIH 9-33
- Action of Very Weak Doses (5 r) of X-Rays
Given at Birth of the Leukemogenesis of AkR
Mice, by Georges Rudali, Jean Reverdy, 4 pp.
FRENCH, per, Comptes Rendus, Vol CCXLVIII,
23 Feb 1959, pp 1248, 1249. NIH 8-10
- Histophysiology of the Adrenal During Experi-
mental Arterial Hypertension, by N. Goormaght-
igh, L. Elaut, 7 pp.
FRENCH, per, Comptes Rendus Soc Biol, Vol C,
1929, pp 501-504. NIH 9-25
- On an Epidemic of Subacute Infectious Pulmonary
Edema in Infants (Spumous Broncho-Alveolitis),
by P. Lereboullet, Marcel Lelong, J. Delarue,
Joseph, 14 pp.
FRENCH, per, Paris Medical, 5 Nov 1938, pp 3-8. NIH 8-28
- Artificial Hibernation in Profound Shock, by
H. Laborit, P. Huguenard, 8 pp.
FRENCH, per, Presse Medicale, Vol LXI, 18 Jul
1953, pp 1029, 1030. NIH 9-39
- Incorporation of Radioactive Citric Acid in
the Bones of Albino Rats, by J. P. Lussier,
16 pp.
FRENCH, per, Revue Canadienne de Biologie,
Vol XVI, No 4, Dec 1957, pp 434-444. NIH 9-36

Scientific
Medicine (Contd)

Frequency of Leukemia and Tumors in C57Bl6 Mice Having Received Plasma From Irradiated Animals at Birth, by Georges Mathe, Jean Bernard, 6 pp.
FRENCH, per, Rev Franc Etudes Clin et Biol, Vol III, No 3, 1958, pp 257, 258.

NIH 8-7

Study of Six Cases of Accidental Acute Whole-Body Irradiation, by H. Jemmet, G. Mathe, B. Pendic, J. F. Duplan, B. Maupin, R. Latarjet, D. Kalic, L. Schwarzenberg, Z. Djukic, J. Vigne, 30 pp.
FRENCH, per, Rev Franc Etudes Clin et Biol, Vol IV, 1959, pp 210-225.

AEC Tr 3774

Leukemogenesis in AKR Mice Irradiated (X-Ray) at Birth, by J. Reverdy, G. Rudali, J. F. Duplan, R. Latarjet, 16 pp.
FRENCH, per, Sang, Vol XXIX, No 9, 1958, pp 796-804.

NIH 8-9

Homologous and Heterologous Grafts of the Hematopoietic System, by D. W. Van Bekkum, 55 pp.
FRENCH, per, La Semaine des Hopitaux, Vol XXXIV, No 13/14, Jul 1958, pp 1083-1104.

NIH 8-26

Formal Exposition on the Founding of a European Academy of Aviation Medicine Under the Sponsorship of the Lord Mayor of the City of Frankfurt-am-Main, 7 pp.
GERMAN, rpt.

AF 1265852

On Sensory Fusion (Allelotropy) as the Basis of Strescopy, by A. Tschermak-Seysenegg.
GERMAN, bk, Documenta Ophthalmologica, Vol II, pp 52-63.

*ATIC MCL-296/V

Concerning the Allelotrope, A Device for Testing Sensory Fusion, by A. Tschermak-Seysenegg.
GERMAN, bk, Documenta Ophthalmologica, Vol II, 1948, pp 63-69.

*ATIC MCL-296/V

Scientific
Medicine (Contd)

- On Disturbances of Eye Development in Rat
Embryos by Oxygen Deficiency in Early Pregnancy,
by A. Werthemann, M. Reiniger, 31 pp.
GERMAN, per, Acta Anat, Vol XI, 1950, pp 329-347. NIH 8-35
- The Importance of the Ependyma for the Exchange
of Substance Between the Cerebrospinal Fluid
and the Brain, by A. Oksche, 15 pp.
GERMAN, per, Anat Anz, Vol CIII, Suppl, 1957,
pp 162-171. NIH 9-17
- Influence of Blood Distribution on the Circula-
tion During Exercise, by Erling Asmussen,
E. Hohwu Christensen, 9 pp.
GERMAN, per, Archiv fuer Physiologie Skandina-
visches, Vol LXXXII, No 3/4, 1939, pp 185-192. NIH 8-20
- Mean Capacity of the Lungs With Increased O₂
Requirement, by Erling Asmussen, E. Hohwu
Christensen, 12 pp.
GERMAN, per, Archiv fuer Physiologie Skandina-
visches, Vol LXXXII, No 3/4, 1939, pp 201-211. NIH 8-21
- O₂ Intake of Resting and Working Skeletal
Muscles, by Erling Asmussen, E. Hohwu Chris-
tensen, Marius Nielsen, 13 pp.
GERMAN, per, Archiv fuer Physiologie Skandina-
visches, Vol LXXXII, No 3/4, 1939, pp 212-220. NIH 8-22
- The Submicroscopic Structure of the Fibrillar
Basic Framework of the Alveolar Wall, by W.
Giese, R. Giesekeing, 14 pp.
GERMAN, per, Beitrage zur Pathologischen
Anatomie und zur Allgemeinen Pathologie, Vol CXVII,
No 1, 1957, pp 17-31. NIH 8-38
- Differences in the Development Capabilities of
F₁ Mice After X-Raying of Spermatogonia and
Immature Spermatozoa, by Paula Hertwig, 48 pp.
GERMAN, per, Biol Zentr, Vol LVIII, 1938,
pp 273-301. AEC TT-800

Scientific
Medicine (Contd)

The Physical and Physiological-Therapeutical
Influence of a Magnetic Field on the Human
Organism, by P. Rodari, 11 pp.

GERMAN, per, Blatter fuer Schweiz Aerzte,
Vol XXXIII, 1963, pp 114-119.

ATIC F-TS-9648/III

The Vessels of Tubular Bones. Contribution to
the Knowledge of the Structure and Development
of Bone Tissue, by Karl Langer, 66 pp.

GERMAN, per, Denkschriften der Kaiserlichen
Akademie der Wissenschaften, Mathematisch-
Naturwiss Classe, Wien, 1876, p 36.

NIH 9-40

The Blood-Brain Barrier, by G. Quadbeck, H.
Helmchen, 24 pp.

GERMAN, per, Dtsch Med Wschr, Vol LXXXII,
1957, pp 1377-1382.

NIH 9-18

Repair of the Prolapse of the Blind Ending
Vagina. (Repair of the Vaginal Prolapse After
Total Hysterectomy, by Julius Sederl, 2 pp.

GERMAN, per, Geburtshilfe und Frauenheilkunde,
Vol XVIII, Jun 1958, pp 824-828.

NIH 9-42

Cold Agglutinins in Childhood Virus Diseases,
by A. Gebala, 16 pp.

GERMAN, per, Helvetica Paediatrica Acta,
Vol XIII, No 3, 1958, pp 262-271.

NIH 9-31

I. Report: Amino Acid Sequences of Collagen.
On the Binding Method of Proline and Hydroxy-
proline, by Wolfgang Grassmann, Kurt Hannig,
Horst Engdres, Alfred Riedel, 18 pp.

GERMAN, per, Hoppe-Seyler's Z fuer Physiolog
Chemie, Vol CCCVI, 1956, pp 123-131.

NIH 9-27

Further Experiences in the Prevention of
Relapses and Metastases After Carcinoma
Operations, by W. Denk, 8 pp.

GERMAN, per, Klin Med, Vol XIII, 1958,
pp 426-429.

NIH 8-3

Scientific
Medicine (Contd,

Investigations With I¹³¹-Tagged Albumin on Exchange Processes Between Plasma and Cerebro-spinal Fluid, by E. Frick, L. Scheid-Seydel, 12 pp.

GERMAN, per, Klin Wschr, Vol XXXVI, 1958, pp 66-69.

NIH 9-15

Morphological Contribution on the Question of Occult Metastases, by I. Peckholz, 17 pp.

GERMAN, per, Langenbecks Arch Klin Chir, Vol CCXC, 1958, pp 22-30.

NIH 8-8

Possibility of Influencing the Phenomena of Old Age in Experimental Animals by Peroral Administration of Compounds of 2-(p-Aminobenzolesulfonamido)-Pyrimidine, by C. H. Hackmann, 16 pp.

GERMAN, per, Munch Med Wschr, Vol C, 1958, pp 1814-1817.

NIH 8-40

The Influencing of the Visual Power in Senile Cataracts by Peroral Treatment With 2-(p-Aminobenzolsulfonamido)-Pyrimidine, by H. Hackmann, C. H. Hackmann, 7 pp.

GERMAN, per, Munch Med Wschr, Vol C, 1958, pp 1817-1819.

NIH 8-41

Increase of the Leukemogenic Action of Cell-Free Tumor Filtrates by Combination With X-Ray Total-Body Irradiation, by A. Graffi, W. Krischke, 4 pp.

GERMAN, per, Naturwissenschaften, Vol XLIII, No 14,, 1956, pp 333, 334.

NIH 8-4

On the Participation of Nucleinic Acids in the Chemical Composition of the Leukemogenic Agent From Filterable Mouse Tumors, by H. Bielka, A. Graffi, W. Krischke, 4 pp.

GERMAN, per, Naturwissenschaften, Vol XLIV, No 13, 1957, pp 381, 382.

NIH 8-1

Scientific
Medicine (Contd)

On the Behavior of the Leukemogenic Agent From Filterable Mouse Tumors Towards Glycerin and Freeze Drying, by A. Graffi, H. Bielka, 4 pp.
GERMAN, per, Naturwissenschaften, Vol XLIV, No 13, 1957, pp 382, 383.

NIH 8-5

Studies on the Concentration of the Leukemogenic Agent From Mouse Tumors in the Brain, by W. Krischke, A. Graffi, E. Krischke, 4 pp.
GERMAN, per, Naturwissenschaften, Vol XLIV, No 14, 1957, pp 400, 401.

NIH 8-6

Hereditary Changes of Somatic Cells and Their Share in the Experimental Production of Cancer, by Hans Marquardt, 28 pp.
GERMAN, per, Naturwissenschaften, Vol XLVI, 1959, pp 217-223.

NIH 9-9

On Pyrimidine Compounds With Cytostatic Action, by Kurt Westphal, Robert Bierling, 4 pp.
GERMAN, per, Naturwissenschaften, Vol XLVI, 1959, pp 230, 231.

NIH 9-13

On the Artificial Development of an Increase of Resistance to Gamma Rays in E. Coli, by G. Schabinski, W. Ahlendorf, F. Schwabe, 3 pp.
GERMAN, per, Naturwissenschaften, Vol XLVI, 1959, p 268.

NIH 9-37

On Attempts to Improve the Result of Homeo-transplantation. II. Prior and Subsequent Treatment of the Transplant With Desoxyribonucleic Acid (DNA) From the Host Rabbit, by Else Knake, Elard Stein Von Kamienski, 4 pp.
GERMAN, per, Naturwissenschaften, Vol XLVI, 1959, p 334.

NIH 9-8

Growth of Heterotransplantable Mouse-Rat Tumors to Untreated Golden Hamsters, by H. Wrba, 4 pp.
GERMAN, per, Naturwissenschaften, Vol XLVI, 1959, p 339.

NIH 9-14

Scientific
Medicine (Contd)

On the Action of Desoxycholic Acid on the Virus of Myeloid Leukemia of the Mouse and the Rous-Sarcoma Virus, by H. Bielka, A. Graffi, 5 pp.
GERMAN, per, Naturwissenschaften, Vol XLVI, 1959, p 404.

NIH 9-6

Electron Microscopic Studies of Mammary Carcinoma in Rats, by Heribert Schulz, 20 pp.
GERMAN, per, Oncologia, Vol X, No 4, 1957, pp 307-329.

NIH 9-10

The Determination of Thyroid Weight by Scintigraphy After Administration of Radioactive Iodine, by P. Doering, K. Kramer, 23 pp.
GERMAN, per, Strahlentherapie, Vol CV, No 2, 1958, pp 245-259.

AEC/NP Tr 211.

Rosai's Carcinoma of the Rat Tail, by Ernst Stutz, Ursula Bluthgen, 39 pp.
GERMAN, per, Strahlentherapie, Vol CV, 1958, pp 278-295.

NIH 8-11

Stopping the Development of Cancer in the Human Organism; Empirical Method of Cure, by A. Brylinski, 20 pp.
GERMAN, per, Therapia Nova, Vol IV, 4 Apr 1939.

NIH 9-7

Electronmicroscopic Studies on the Sinusoidal Wall of the Liver, by J. R. Ruttner, A. Vogel, 8 pp.
GERMAN, per, Verhandlungen der Deutschen Gesellschaft fuer Pathologie, Vol XLI, 1958, pp 314-320.

NIH 8-39

Electron Microscopic Investigation of Intracellular Inclusion Bodies, by W. Wessel, 21 pp.
GERMAN, per, Virchows Archiv, Vol CCCXXXI, No 3, 1958, pp 314-328.

NIH 9-29

Report on More Than 1,000 Hysterectomies With Special Reference to the Pathogenesis of Descensus and Incontinence After Hysterectomy, by J. Forewis, H. Kremer, Th. D'Alberto, 3 pp.
GERMAN, per, Wiener Klin Wochenschrift, Vol LXXI, 2 Jan 1959, pp 1-3.

NIH 9-38

Scientific
Medicine Section

Malformations of the Spinal Column and Chorda Anlage (Experimental Teratogenic and Embryohistological Investigations in Rabbits), by K. H. Degenhardt, J. Kladetzky, 76 pp.

GERMAN, per, Z Menschl Vererb u Konstitution-
slehre, Vol XXXIII, 1955, pp 151-192.

NIH 8-36.

Heart Study. Second Report. Histological, Histochemical and Experimental Investigations on the Atrioventricular System of Ungulates and Rodents, by T. H. Schiebler, 117 pp.

GERMAN, per, Z Zellforsch, Vol XLIII, 1955, pp 243-306.

NIH 9-26

Does the Prevention of Caries by Means of Fluorine Tablets Promise Success?, by G. Wrzodek, 18 pp.

GERMAN, per, Zahnarztliche Mitteilungen, Vol VII, 1 Apr 1959, pp 1-5.

NIH 9-23

The Endoneural Cerebrospinal Fluid Passage, by Reinhold Knepper, 4 pp.

GERMAN, per, Zbl Allg Path, Vol XCVII, 1957, pp 248-250.

NIH 9-16

Reconstruction of the Vagina by Means of the Sigmoid Colon, by H. H. Schmid, 4 pp.

GERMAN, per, Zentralblatt fuer Chirurgie, Vol LXXVII, No 43a, 1952, pp 2119-2123.

NIH 9-41

On the Carcinoids of the Appendix, by O. Schutz, 16 pp.

HUNGARIAN, per, Magyar Orvosi Archivum, Vol XXXII, 1931, pp 134-141.

NIH 9-11

Morphological and Histochemical Observations on the Preputial Glands of the Rat, by Dr Ennio Pannese, 39 pp.

ITALIAN, per, Archivo Italiano di Anatomia e di Embriologia, Vol LIX, No 2, 1954, pp 57-82.

NIH 9-28

Advance in the Field of the Methodology of Stabilization of Food Articles.

POLISH, per, Przegląd Zbotowo-Milynarski, No 6, 1959, pp 171-173.

ACSI, H-4684

Scientific
Minerals/Metals

Effect of Chemical Composition, Initial Structure and Testing Conditions on Hot Brittleness of Steel, by G. I. Pogodin-Alekseyev, M. M. Fetisova, (NY-3904/3). RUSSIAN, bk, Sovremennyye Splavy i ikh Termicheskaya Obrabotka, 1958, pp 23-29.

*JPRS

High-Temperature Gas Turbine Steels and Alloys, by F. F. Khimushin, (NY-3904/3). RUSSIAN, bk, Sovremennyye Splavy i ikh Termicheskaya Obrabotka, 1958, pp 216-241.

*JPRS

Changes in the Surface Layer of a High-Temperature Alloy During Mechanical Working and Heating in an Oxidizing Medium, by V. G. Vorob'yev, (NY-3904/3).

RUSSIAN, bk, Sovremennyye Splavy i ikh Termicheskaya Obrabotka, 1958, pp 242-253.

*JPRS

Effect of Irradiation on Structure and Properties of Structural Metals, by S. T. Kishkin.

RUSSIAN, bk, Vliyaniye Oblucheniya na Strukturu i Svoystva Konstruktsionnykh Metallov, Moscow, Oborongiz, 1958, 39 pp.

*ATIC MCL-356/III

Effect of Structure of Flux on Porosity of Weld, by V. V. Podgayetskiy, A. V. Mel'nik. RUSSIAN, per, Avtom Svarka, No 4, 1955, pp 58-62.

BISI 1336

Erosion Resistance of Hard Alloys Used for Sealing Surfaces of Steam and Water Fittings, by F. Chernyi, K. Lebl. RUSSIAN, per, Elek Stants, No 4, 1957, pp 27-30.

DSIR LLU M.480

Spin-Lattice Relaxation and Nuclear Magnetic Resonance of Rare Earth Salts, by K. A. Valyev.

RUSSIAN, per, Fiz Metal i Metallov, Vol VI, No 2, 1958, p 193.

Navy 2288/T-170

Scientific
Minerals/Metals (Contd)

On the Time to Failure During Creep, by
L. M. Kachanov.
RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh
Nauk, No 8, 1958, pp 26-31.

DSIR LLU RTS 1114

How to Offset the Effect of Nitrogen on
Steel Quality, by Yu. F. Gurevich.
RUSSIAN, per, Iz Vysshikh Uchebnykh Zavedeniy,
Chern Metal, No 10, 1958, pp 31-35.

HB 4619

Some Problems of Consumable-Electrode Vacuum
Arc Melting, by D. A. Shabanov.
RUSSIAN, per, Iz Vysshikh Uchebnykh Zavedeniy,
Chern Metal, No 10, 1958, pp 37-42.

HB 4616

Technical Properties of Cb-Alloyed Cr Ni
Steels, by M. P. Braun, et al.
RUSSIAN, per, Iz Vysshikh Uchebnykh Zavedeniy,
Chern Metal, No 10, 1958, pp 119-124.

HB 4617

Desulphurization of Hot Metal in Ladle Using
a Suspension of Lime and Aluminium in Gas
(Air or Nitrogen), by S. K. Sobolev, G. N.
Oiks.
RUSSIAN, per, Iz Vysshikh Uchebnykh Zavedeniy,
Chern Metal, No 11, 1958, pp 3-8.

HB 4623

Behaviour of Nitrogen in the Melting of Iron
Alloys in a Vacuum Arc Furnace, by D. A.
Shabanov.
RUSSIAN, per, Iz Vysshikh Uchebnykh Zavedeniy,
Chern Metal, No 11, 1958, pp 37-40.

HB 4621

Concerning the Nature of Cryolite-Alumina
Fusions, by V. A. Pazukhin, 24 pp.
RUSSIAN, per, Iz Vysshikh Uchebnykh Zavedeniy
Tsvetnaya Metall, No 2, 3, Ordzhonikidze, 1958,
pp 84-92, 71-78.

JPRS L-1782-D

The Use of Vibration During Solidification for
the Elimination of Hot Shrinkage Cracks, by
I. I. Novikov, G. A. Korol'kov, A. E. Semenov.
RUSSIAN, per, Lit Proiz, No 1, 1958, pp 7, 8.

Aluminium Lab, Ltd
B-TM-233-59
OT/3598

Scientific
Minerals/Metals (Contd)

Influence of Vibrations During Casting and Solidification on Metal Properties, by V. A. Serkovskiy.

RUSSIAN, per, Lit Proiz, No 5, 1958, pp 19-21.

*BISI 1415

Long Time Strength of Welds at High Temperatures, by A. V. Stanyukovich, et al.

RUSSIAN, per, Metal i Obra Metallov, No 2, 1958, pp 12-18.

Infosearch Ltd

Examination of 1Kh18Ni2T Steel as a Tube Material for Power Stations, by A. S. Gel'man, et al.

RUSSIAN, per, Metal i Obra Metallov, No 3, 1958, pp 16-24.

Infosearch Ltd

The Properties of Refractories From Magnesite and High Alumina Materials, by V. A. Rybnikov.

RUSSIAN, per, Ogneupory, Vol XXI, 1956, pp 37-39.

CCT 871B

Production and Properties of Sheets of Nonaging Steel, Killed by Aluminium, by D. A. Litvinenko, A. I. Marinov, V. K. Barzy, V. I. Yakushin.

RUSSIAN, per, Stal, No 10, 1958, pp 931-938.

DSIR LLU M.492

Work Experience of a New Type Burden Distributor, by N. S. Shchirenko, I. G. Polovchenko, V. P. Dobrov, A. M. Labkovsky.

RUSSIAN, per, Stal, No 12, 1958, pp 1066-1071.

DSIR LLU M.493

Arc Surfacing of Components Subject to Abrasion With Hard Alloys, by M. A. Tylkin.

RUSSIAN, per, Svarochnoye Proiz, No 5, 1959, pp 35, 36.

BISI 1405

Status and Perspectives in the Development of Spot and Roller Welding of Light Alloy Weldments, by B. D. Orlov, P. L. Chuloshnikov, (NY-3904/3).

RUSSIAN, per, Svarochnoye Proiz, No 7, 1959, pp 16-19.

*JPRS

Scientific
Minerals/Metals (Contd)

A Study of the Behavior and Recovery of Rhenium When Roasting Molybenite Concentrates in a Furnace, by A. N. Zelikman, et al. RUSSIAN, per, Tsvetnyye Metally, No 11, 1958, pp 47-52.

DSIR LLU M.494

Ultrasonic Flaw Detection of Extrusion Defects When Extruding Bars for Tubes, by N. I. Brazhinikov, I. A. Krym. RUSSIAN, per, Tsvetnyye Metally, No 12, 1958, pp 67-69.

DSIR LLU M.495

Cold Rolling of Shaped Tubes, by Yu. F. Shevakin, A. M. Rytikov. RUSSIAN, per, Tsvetnyye Metally, No 12, 1958, pp 70-77.

DSIR LLU M.496

First Conference of the Scientific-Technical Society of Nonferrous Metallurgy, by T. Osipova, A. Troitskiy, (DC-3030). RUSSIAN, per, Tsvetnyye Metally, No 7, 1959, pp 81-84.

*JPRS

Conference on Autoclave Processing, (DC-3030). RUSSIAN, per, Tsvetnyye Metally, No 7, 1959, pp 84-87.

*JPRS

Simplified Method for Testing the Piercing Properties of Metals, by N. S. Kirvalidze, I. Ya. Korobochkin. RUSSIAN, per, Zavod Lab, No 7, 1958, pp 850-854.

*BISI 1425

Production of Copper - Constant Thermocouples for Precise Measuring of Temperatures, by V. A. Karasenko. RUSSIAN, per, Zavod Lab, No 10, 1958, pp 1281, 1282.

*AEC

Research on the Theory of the Electrochemical Phase Analysis of Alloys, by Yu. A. Klyachko, M. M. Shapiro, V. S. Mal'tseva, V. A. Milchev. RUSSIAN, per, Zavod Lab, No 11, 1958, pp 1308-1314.

DSIR LLU M.489

Scientific
Minerals, Metals (Contd)

The Annealing of the G. I. Graphite, by M. Pascal, 3 pp.

FRENCH, per, Bulletin d'Information Sci et Tech, No 23, 1958, pp 11, 12.

AEC IGIS-22(RD/R)

The Influence of Charging Times and Storage at Room Temperature on the Hydrogen Embrittlement of Steels, by J. Plusquellec.

FRENCH, per, Comptes Rendus, 23 Jun 1958, pp 3454-3457.

BISI 1427

Influence of Photosynthesis on the Corrosion of Steel in Sea-Water, by A. Hache.

FRENCH, per, Corrosion et Anticorrosion, Feb 1959, pp 56-62.

BISI 1407

Heterogeneity of Killed Steel Ingots, by A. Kohn.

FRENCH, per, IRSID les Cahiers du Cessid: Coulee de l'Acier, No 1, 1959 (?), pp 5-52.

*BISI 1436

Methods of Studying the Factors of Intergranular Self-Diffusion in Metals, by Georges Cizeron, 18 pp.

FRENCH, per, Metaux Corrosion-Industries, Vol XXXII, No 385, 1957, pp 315-332.

AEC SCL T-260

Uranium Alloys of High Alloying Content, by G. Cabane, 19 pp.

FRENCH, per, Metaux Corrosion-Industries, Vol XXXIV, 1959, pp 49-57.

AEC HW Tr 4

Growth and Morphology of Oxide Films on Iron at High Temperatures, by J. Moreau, M. Cagnet.

FRENCH, per, Rev Met, Nov 1958, pp 1091-1109.

BISI 1225

Study of the Segregation of Arsenic and Copper by the Auto-Radiographic Technique and Quantitative Examination With the Castaing Microtester, by C. Crussard.

FRENCH, per, Rev Met, Apr 1959, pp 395-406.

*BISI 1403

Scientific
Minerals/Metals (Contd)

A Comparison Between Low-Carbon Austenitic Stainless Steels and Stabilized Steels for Welded Apparatus in the Chemical Industry, by B. Lofblad, G. Lindh.
GERMAN, rpt, publ by International Institute of Welding, Vienna, 30 Jun 1958.

BISI 1408

Heat Transfer of Rolled Finned Tubes, by G. Grass.
GERMAN, per, Allgemeine Warmetechnik, No 5/6, 1956, pp 104-108.

BISI 1381

Theory of Counter Tubes With a Newly Designed Specimen Holder for the Determination of Textures in Quantitative Pole Figures, by J. Grewen, et al.
GERMAN, per, Arch Eisenhuettenwesen, Feb 1958, pp 115-118.

BISI 1196

The Desulphurization and Deoxidation of Pure Iron in the Vacuum Melting Process, by W. Janiche, H. Beck.
GERMAN, per, Arch Eisenhuettenwesen, Oct 1958, pp 631-642.

BISI 1227

Crack Formation in Steels Under the Influence of Aqueous Hydrogen Sulphide Solutions, by F. K. Naumann, W. Carius.
GERMAN, per, Arch Eisenhuettenwesen, Apr 1959, pp 233-238.

BISI 1373

The Appearance of the Fracture of Tubular Test Pieces After Internal Pressure Tests at Temperatures to -70°C, by A. Krisch.
GERMAN, per, Arch Eisenhuettenwesen, Jun 1959, pp 337-344.

*BISI 1414

Speedy Method of Determining the Basicity of Siemens-Martin Slag, by H. Von Ende, F. Bardenheuer.
GERMAN, per, Arch Eisenhuettenwesen, Jul 1959, pp 391-397.

*BISI 1423

Scientific
Minerals/Metals (Contd)

Systematic Examination of the Heat Transfer and Resistance to Flow of Finned Tubes, by G. Grass, F. P. Coenen.

GERMAN, per, Atom-Kernenergie, No 2, 1959, pp 1-8.

BISI 1382

Studies on Mineral-Coal-Tar Pitch, by G. Hugel.

GERMAN, per, Brennstoff-Chemie, Vol XXXIX, 1958, pp 213-217.

Dept of Interior
TN 7, E 57, No 65

Pressure Jet Lapping, by F. Neuberger, et al.
GERMAN, per, Fertigungstechnik, No 7, 1957, pp 413-416.

*BISI 1400

Design Principles for Cold Pressed Steel Components, by H. D. Feldmann.

GERMAN, per, Konstruktion im Maschinen-Apparate und Geratebau, No 3, 1959, pp 82-89.

BISI 1392

Production of Pour Structures in Fe-Si Alloys, by K. Dertert.

GERMAN, per, Metall, Sep 1958, pp 817-821.

*BISI 1401

On the Question of the Primary Crystallization of Steel: Capacity for Undercooling and Nucleus Formation in the Liquid State, by P. Bardenheuer, R. Bleckmann.

RUSSIAN, per, Mitt Kaiser-Wilhelm Inst Eisenforsch, 1939, p 201.

*BISI 1399

The Intensity of Deformation During Rolling, by Z. Wusatowski.

GERMAN, per, Neue Huette, Aug 1958, pp 494-497.

BISI 1259

On the Effect of the Sintering Behavior of Tungsten, by J. Vacek.

GERMAN, per, Plannsberichte fuer Pulvermetallurgie, Vol VII, No 1, 1959, pp 6-17.

*AEC

Fatigue Strength Tests With Parent Metal and Buttwelds, by A. Kollmar.

GERMAN, per, Stahlbau, Sep 1956, pp 205-210.

*BISI 1432

Scientific
Minerals/Metals (Contd)

the Present State of Knowledge Concerning
the Sigma Phase in Iron-Nickel-Chromium Alloys,
by R. Ergang, et al.
GERMAN, per, Stahl u Eisen, 8 Jan 1959, pp 46-51.

*BISI 1410

Appraisal of Behaviour of Iron Ores and Sinter
During Smelting, by P. Dickens, et al.
GERMAN, per, Stahl u Eisen, No 13, 1959,
pp 905-917.

*HB 4662

The Behaviour at the Yield-Point of Skin-Passed
Deep-Drawing Steel Sheets After Ageing, by W.
Lueg, P. Funke.
GERMAN, per, Stahl u Eisen, 9 Jul 1959,
pp 969-976.

BISI 1411

Measuring the Degree of Deformation in Skin-
Pass Rolling, by J. Billigmann, et al.
GERMAN, per, Stahl u Eisen, 9 Jul 1959,
pp 977-989.

*BISI 1412

Application of Fluidizing Reactor Technology to
Reduction of Iron Ores, Using Gases Containing
Hydrogen and Carbon Monoxide, by J. Willems,
G. Quade.
GERMAN, per, Stahl u Eisen, No 15, 1959,
pp 1058-1064.

*HB 4661

Investigations on the Relations Between Shape
of the Test Bar, Temperature of Embrittlement
and Quality of Structural Steels, by H. Kubmann.
GERMAN, per, Stahl u Eisen, 23 Jul 1959,
pp 1065-1075.

*BISI 1426

Concerning Metallic Titanium. Section III,
Production of Fused Titanium; Section IV,
Investigation of Fused Materials, by L. Weiss,
H. Kaiser, 14 pp.
GERMAN, per, Z fuer Anorg Chem, Vol LXV, No 4,
8 Feb 1910, pp 388-398.

Patent Office

Scientific
Minerals/Metals (Contd)

Investigation by the Electron Emission Microscope of the Carburization of Molybdenum From the Gas Phase, by E. B. Bas, W. Epprecht, L. Preuss, 14 pp.

GERMAN, per, Z Metallkunde, Vol XLVIII, 1957, pp 516-522.

AEC NP Tr 240

Pulmonary Carcinomas From Chromium, by Mario Portigliatti-Barbos.

ITALIAN, per, Minerva-Medicolegale, Jul-Oct 1957, pp 101-107.

*AEC

Causes and Prevention of Surface Fissures on Hot-Worked Steel Products (1st Report) Influence of Heating Conditions, Scaling Loss and Tramp Elements on Surface Fissures, by T. Ohtake, et al.

JAPANESE, per, Nippon Kinzoku Gakkai-Si, Sep 1957, pp 536-540.

BISI 1316

Metal Flow in Forging. V. Some Mechanical Properties of Plasticine, by T. Awano, M. Ochiai.

JAPANESE, per, Rep Gov Ind Res Inst Nagoya, Jan 1957, pp 10-17.

*BISI 1419

Metal Flow in Forging. VI. High Temperature Compression Tests of Metals, by T. Awano, M. Ochiai.

JAPANESE, per, Rep Gov Ind Res Inst Nagoya, Sep 1957, pp 469-472.

*BISI 1418

Effect of Carbon, Arsenic, Copper and Tin on Transition Temperature of Steel, by H. Sawamura.

JAPANESE, per, Tetsu to Hagane, Aug 1955, pp 861-869.

BISI 1240

Metallographic Analysis and Its Application on Steel, by S. Heiskanen.

SWEDISH, per, Jernkont Ann, No 2, 1955, pp 78-132.

*BISI 1437

Scientific
Minerals/Metals (Contd)

Some New Sponge Iron Processes, by M.
Wiberg.
SWEDISH, per, Jernkont Ann, No 6, 1958,
pp 289-355.

HB 4615

Carbides, Silicides, Borides, Nitrides,
and Sulfides of Rare Metals and Their
Application in a New Technology, by
G. V. Samsonov, (NY-3904/3).
UKRAINIAN, per, Visnyk Ak Nauk Ukrain's'koi
SSR, No 6, 1959, pp 27-37.

*JPRS

Scientific
Nuclear Physics

Determination of the Average Number of Neutrons Emitted During Fission of U²³³ by Neutrons With Energy 14.8 Mev, by A. N. Protopopov, M. V. Blinov.
RUSSIAN, per, Atom Energ, Vol V, No 1, 1958, p 71.

DSIR LLU M.483

Sr⁹⁰ and Sr¹¹ Yields From the Reactor Neutron Fission of Pu²³⁹, by L. M. Krizhanskiy, et al.
RUSSIAN, per, Atom Energ, No 1, 1958, pp 77-79.

Infosearch Ltd.

The Mass Distribution of the Fragments in the Fission of U²³⁵, U²³⁸ and PU²³⁹ by Neutrons With 14.6 Mev Energy, by A. I. Protopopov, G. N. Toimachev, et al.
RUSSIAN, per, Atom Energ, Vol V, No 2, 1958, pp 130-134.

DSIR LLU M.487

The Measurement of Electron and Positive Ion Energies in a Gas Discharge Plasma, by N. I. Ionov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXXV, 1952, pp 753-755.

CCT-836B

The Problems of Controlling Thermonuclear Processes, by E. I. Dobrokhotoy, 17 pp.
RUSSIAN, per, Priroda, Vol XLVIII, No 1, 1959, pp 103-108.

AEC Tr 3769

Thermonuclear Magnetic Trips, by D. A. Panov, N. N. Senashko.
RUSSIAN, per, Priroda, No 7, 1959, pp 13-18.

Navy 2307/T-173

Nucleon Interaction Cross Section at 9 Bev, by V. S. Barashenkov, Chuan Nyan-nin, 4 pp.
RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXXVI, 1959, pp 1319-1321.

AEC/NP-Tr 248

The Radioactivity in the Risoe District Measurements up to April 1, 1957, by K. Heydorn, J. Lippert, P. Theodorsson, 164 pp.
DANISH, rpt, Radioaktiviteten i Risoe Omraadet, Malinger indtil Apr 1, 1957, Jun 1957.

AERE Lib Tr 790

Scientific
Nuclear Physics (Contd)

A Contribution to the Study of Nuclear Fuels
 Derived From Metallic Uranium, by Marcel
 Englander, 106 pp.

FRENCH, rpt, Contribution a l'Etude des
 Matériaux Combustibles Nucleaires a Base
 d'Uranium Metallique, 1958.

AEC Tr 3660

Survey of Nuclear Developments in Switzerland
 (Summer 1959), by Jacqueline Juillard-Peyler,
 9 pp.

FRENCH, per, Industries Atomiques, Vol III,
 No 5/6, Geneva, 1959, pp 69-74.

JPRS-L-1878-D

Analysis of the Corrosion by Water at Elevated
 Temperature of 99.99% Pure Aluminium Mono-
 crystal, by P. Lelong, J. Herenguel.
 FRENCH, per, J Nuclear Materials, Vol I, 1959,
 pp 58-72.

*AEC

Optimum Principles for the Enrichment of Heavy
 Water in Hot-Cold Columns. II. Enrichment
 Cascade, Skimming System and Transfer Column,
 by K. Bier.

GERMAN, per, Chem Ing-Tech, Vol XXXI, No 1,
 1959, pp 22-30.

*AEC

A Nuclear Resonance Spectrograph With High
 Resolution. Part I. Theory of Line Defor-
 mation in the High Resolution Nuclear Resonance
 Spectroscopy, by H. Primas, 18 pp.

GERMAN, per, Helv Phys Acta, Vol XXX, 1957,
 pp 297-315.

AEC Tr 3761

Studies in a Gaseous Diffusion Plant for the
 Enrichment of U²³⁵, by G. Perona.

ITALIAN, rpt, Studi Sugli Impianti a
 Diffusione Gasosa per l'Arricchimento dell'
 U²³⁵.

*AEC

Hot Cells, by C. Cesarano, 22 pp.

ITALIAN, per, Energia Nucleare, Vol IV, Milan,
 1957, pp 267-282.

AEC IGRL-T/R-62

Scientific
Nuclear Physics (Contd)

Physical Principles of the Trennduse Method,
by G. Mardelli, A. Repanai, 12 pp.
ITALIAN, per, Energia Nucleare, Vol IV,
Milan, 1957, pp 293-300.

AEC IGR-T/R-61

Scientific
Physics

Theory of Plastic Flow and Some Applications,
by A. A. Ilyushin.

RUSSIAN, bk, Avtomatizatsiya Mashinostroitelnykh
Protsessov, Vol I, 1959, pp 115-125.

*ATIC MCL-357/III

The Behaviour of Plasma in a Rapidly Alternating
Magnetic Field, by B. A. Trubnikov, 32 pp.
RUSSIAN, bk, Fizika Plazmy, Vol IV, 1958,
pp 309-330.

AEC NP Tr 269

Research in the Field of Electric Discharge in
Gases, by B. N. Klyarfelda.

RUSSIAN, bk, Issledovaniya v Oblasti Elektri-
cheskogo Razryada v Gazakh, 1958, 240 pp.

*ATIC MCL-363/V

A. M. Lyapunov. Methods and Their Applications,
by V. I. Zubov.

RUSSIAN, bk, Metody A. M. Lyapunova i ikh
Primenenie, 1957, 241 pp.

*AEC

Oscillating Matrix and Nucleus and Small
Vibrations of Mechanical Systems, by F. P.
Gantmakher, M. G. Krein.

RUSSIAN, bk, Ostsillyatsionnye Matritsy i Yadra
i Malye Kolebaniya Mekhanicheskikh Sistem,
Moscow, Leningrad, 1950, 359 pp.

*AEC

Oil-Water Contact Location by Gamma and Neutron
Methods, by N. K. Kukhareenko, A. G. Serdiy,
V. P. Odinkhov, 14 pp.
RUSSIAN, rpt, All-Union Conference on Radio-
Activity Methods in the Petroleum Industry,
1956.

MEB

The Effect of Acoustic Flows on the Process of
Convective Heat Exchange, by P. N. Kubanskiy,
7 pp.

RUSSIAN, per, Akust Zhur, Vol V, No 1, 1959,
pp 51-57. 9042275

DSI 532
(British)

Spectrographic Analysis of High-Silicon
Aluminium Alloy and Welds, by A. S. Dem'yan-
chuk, O. P. Ryabushko.

RUSSIAN, per, Avtom Svarka, No 10, 1958,
pp 86-89.

BISI 1347

Scientific
Physics (Contd.)

Catalysis of the Polymerization Reaction of ϵ -Caprolactam by Acids, by S. M. Skuratov, et al.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCIV, No 4,
1954, pp 829-832.

CCT-896B

Investigation of the Width of Spectral Lines
in an Arc Source of Light, by A. Ya. Vyatsky,
I. M. Nagibina.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCVIII,
No 1, 1954, pp 59-62.

CCT-129CB

The Catalytic Properties of Sensitizers, by
L. A. Nikolayev, I. N. Barshchevsky.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol C, No 1,
1955, pp 119-122.

CCT-900B

A New Cathodic Depolarizer, by I. L. Rozenfeld,
T. I. Lukonina, 6 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXI, No 1,
1956, pp 136-139.

Navy 2291/NRL 736

Interaction Between Shock Waves and a Flame
Front, by S. M. Kogarko, et al.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXII,
No 6, 1958, p 1046.

Navy 2286/T-168

On Mathematical Methods of Controlling Abstract
Transformations, by Yu. I. Zhuravlev, 10 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII,
1958, pp 227-230.

Bu of Standards

On Modeling the Movement of a Massive Solid
Body Under the Influence of a Shock Wave,
by S. S. Grigoryan, A. G. Sokolov, Yu. I.
Spasibukhov, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV,
No 1, 1959, pp 48-.

AIP
Sov Phys - Doklady
Vol IV, No 1

On Solutions to the Equations of Magnetogas-
dynamics With Zero Temperature Gradient, by
V. P. Korobeinikov, E. V. Ryazanov, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV,
No 1, 1959, pp 51-.

(See Above)

Scientific
Physics (Contd)

On the Dissipation of Hydrogen From Planetary
Atmospheres, by E. K. Byunter, 5 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 1,
1959, pp 53-.

AIP
Sov Phys - Doklady
Vol IV, No 1

The Propagation of an Approximately Spherical
Heat Front, by R. M. Zaidel', O. S. Ryzhov,
E. I. Andryankin, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 1,
1959, pp 57-.

(See Above)

On a Method of Investigation of Secondary Ion
Processes at High Target Temperatures in the
Presence of Thermoelectric Emission, by U. A.
Arifov, A. Kh. Ayukhanov, S. V. Starodubtsev,
Kh. Kh. Khadzhimukhamedov, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 1,
1959, pp 60-62.

(See Above)

Determination of Hyperon and K-Meson Parities,
by S. M. Bilen'kiy, R. M. Ryndin, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 1,
1959, pp 63-65.

(See Above)

μ -Meson Fission of U^{238} , by A. K. Mikhul, M. G.
Petrashku, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 1,
1959, pp 66-68.

(See Above)

On the Application of the Method of Supplementary
Variables in Statistical Physics, by A. Pavlikov-
skiy, V. Shchuruvna, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 1,
1959, pp 69-.

(See Above)

Influence of Dosage of Surface-Active Substance
on the Surface Plasticization of a Metal During
Drawing, by V. M. Korbut, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 1,
1959, pp 72-75.

(See Above)

Scientific
Physics (Contd)

Variations in the Strength of the Interatomic Bond in Nickel-Aluminum Single-Phase Solid Solutions, by G. V. Kurdyumov, V. K. Kritskaya, P. A. Latiko, Yu. A. Osip'yan, 8 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 1, 1959, pp 76-78.

AIP
Sov Phys - Doklady
Vol IV, No 1

The Physics of Ultrasonic Processing of Solids, by L. D. Rozenberg, V. F. Kazantsev, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 1, 1959, pp 79-.

(See Above)

New Equalities Coupling Structure Factors, by B. K. Vainshtein, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 1, 1959, pp 87-.

(See Above)

The Mechanism of the Effect of Ionizing Radiation on the Liver Glycogen Content, by B. M. Grayevskaya, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 1, 1959, pp 202-204.

(See Above)

The Effects of X-Rays on the Reflex Excitability of the Vagus Nerve Center, by M. M. Gromakovskaya, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 1, 1959, pp 205-208.

(See Above)

The Effect of γ -Rays From Co^{60} on Blood Cells and Connective Tissue Cells of the Explanted Mouse Spleen, by A. F. Ivanitskaya, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 1, 1959, pp 209-212.

(See Above)

The Reversibility of Cytogenetic Radiation Damage, by N. V. Luchnik, L. S. Tsarapkin, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 1, 1959, pp 213-.

(See Above)

The General Equations of Soil Mechanics, by S. S. Grigoryan, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 2, 1959, pp 285-.

(See Above)

Scientific
Physics (Contd)

On the Turbulent Energy Flux Vector, by V. G. Nevzglyadov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 2, 1959, pp 288-290

AIP

Sov Phys - Doklady
Vol IV, No 1

On Stability of Equilibria of a Rigid Body With Liquid-Filled Cavities, by V. V. Romyantsev, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 2, 1959, pp 291-.

(See Above)

Photoconductivity of Indigo, by A. T. Vartanyan, L. D. Rozenshtein, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 2, 1959, pp 295-297.

(See Above)

The Closed Convective Boundary Layer, by G. Z. Gershuni, E. M. Zhukhovitskiy, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 2, 1959, pp 298-300.

(See Above)

Masses of the Isotopes in Th^{232} , U^{234} , U^{235} , and U^{236} , by R. A. Demirkhanov, T. I. Gutkin, V. V. Dorokhov, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 2, 1959, pp 301-303.

(See Above)

Nonlocal Reflection in Waveguides of Varying Cross Section, by V. Pokrovskiy, F. Ulinich, S. Savvinykh, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 2, 1959, pp 304-306.

(See Above)

Brittle Fracture of Single Crystals of Zinc, by E. D. Shchukin, V. I. Likhtman, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 2, 1959, pp 307-.

(See Above)

On the Determination of the Optimum Current Curve in DC Motors, by Sh. Sh. Khamitov, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 2, 1959, pp 318-.

(See Above)

Scientific
Physics (Contd)

On the Structure of Thin Layers of Selenium,
by A. I. Andrievskiy, I. D. Nabitovich, P. I.
Kripyakevich, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 2,
1959, pp 321-323.

AIP
Sov Phys - Doklady
Vol IV, No 1

The Crystal Structure of Lawsonite, by I. M.
Rumanova, T. I. Skipetrova, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 2,
1959, pp 324-.

(See Above)

The Effects of Ionizing Radiation on the Contents
of Free Nucleotides and Nucleosides in Bone-
Marrow Cells, by V. Ya. Brodskiy, E. Ya. Grayev-
skiy, I. A. Suyetina, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 2,
1959, pp 440-443.

(See Above)

The Effects of Irradiating the Medium Used for
Growing Mouse Spleen Explants With Co^{60} γ -Rays,
by A. F. Ivanitskaya, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 2,
1959, pp 444-447.

(See Above)

The Effects of Incubation Temperature on Radia-
tion Damage in Paramecium, by I. B. Litvinova,
3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 2,
1959, pp 448-.

(See Above)

On the Motion of a Gyr scope With Universal
(Cardan's) Suspension and a Nonaxially Placed
Rotor, by D. M. Klimov, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 3,
1959, pp 537-539.

(See Above)

On the Effect of Irradiation on Stresses and
Small Deformations in Solids, by Yu. I. Remnev,
3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 3,
1959, pp 540-.

(See Above)

Scientific
Physics (Contd)

Steady Flow of a Viscous Fluid, by I. I. Vorovich, V. I. Yudovich, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 3, 1959, pp 542-.

AIP

Sov Phys - Doklady
Vol IV, No 1

On Relations Defining Plastic Flow Under Tresk's Condition of Plasticity and Its Generalizations, by D. D. Ivlev, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 3, 1959, pp 546-.

(See Above)

Stationary Motion of Viscous Incompressible Fluids in Pipes, by O. A. Ladyzhenskaya, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 3, 1959, pp 551-.

(See Above)

Anisotropy of Thermal Conductivity in a Monocrystal of Tellurium, by Kh. I. Amirkhanov, G. B. Bagduyev, M. A. Kazhlayev, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 3, 1959, pp 554-556.

(See Above)

Basic Characteristics of the de Haas-van Alphen Effect in Zinc Crystals as a Function of Pressure, by B. I. Verkin, I. M. Dmitrenko, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 3, 1959, pp 557, 558.

(See Above)

Diffraction of Surface Sound Waves at Semi-Infinite Impedance Tubes and Rods, by Kuan Ting-hua, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 3, 1959, pp 559-562.

(See Above)

Increase of the Stability of an Arc in a Magnetic Field and the Maximum Field Principle, by I. G. Kesayev, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 3, 1959, pp 563-.

(See Above)

Crystals of Quartz in Coals, by I. E. Leskevich, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 3, 1959, pp 575-577.

(See Above)

Scientific
Physics (Contd)

The Crystal Structure of Sklodowskita, by V. I. Mokeyeva, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 3, 1959, pp 578-.

AIP

Sov Phys - Doklady
Vol IV, No 1

The Effects of Postirradiation Temperature on the Response on Paramecium to Ionizing Radiation, by I. B. Litvinova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 3, 1959, pp 678-680.

(See Above)

The Nuclear Damage Caused to Resting Cells by Ionizing Radiation, by I. M. Shapiro, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 3, 1959, pp 681-.

(See Above)

Anisotropy of the Broadening of X-Ray Diffraction Maxima of Solid Copper Solutions After Deformation, by L. N. Guseva, A. A. Babareko, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 4, 1959, pp 789-791.

(See Above)

Radiation of a Modulated Beam of Charged Particles in Passing Through a Round Opening in a Flat Screen, by Yu. N. Dnestrovskiy, D. P. Kostomarov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 4, 1959, pp 792-795.

(See Above)

Photoelectric Sensitivity of Chlorophyll and Its Analogs in Various States, by E. Putseyko, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 4, 1959, pp 796-799.

(See Above)

On Bond Forces in Crystals of Elements of Groups V and VI in Mendeleyev's Periodic System, by A. V. Stepanov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 4, 1959, pp 800-.

(See Above)

Scientific
Physics (Contd)

Mechanism of Condensation of Metals in Vacuum,
by L. S. Palatnik, Yu. F. Komnik, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV,
No 4, 1959, pp 808-.

AIP
Sov Phys - Doklady
Vol IV, No 1

**The Effects of Chronic Irradiation by Gamma
Rays on the Blood of Mice,** by E. N. Kopylova,
3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV,
No 4, 1959, pp 930-.

(See Above)

**On the Instability of Certain Jet Flows With
Free Surfaces,** by M. I. Gurevich, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV,
No 5, 1959, pp 998-1000.

(See Above)

Theory of the Magnetic Boundary Layer, by V. N.
Zhigulev, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV,
No 5, 1959, pp 1001-.

(See Above)

**An Axially Symmetric State of Stress in a
Thin Annular Plate,** by R. A. Adadurov, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV,
No 5, 1959, pp 1005-.

(See Above)

**On the Energy Spectrum of Electrons in a
Nonideal Metal Lattice,** by V. L. Bonch-
Bruevich, V. B. Glasko, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV,
No 5, 1959, pp 1015-1017.

(See Above)

**On the Attenuation of Rayleigh Waves During
Propagation Along an Uneven Surface,** by L. M.
Brekhovskikh, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV,
No 5, 1959, pp 1018-1021.

(See Above)

Scientific
Physics (Contd)

Possible Mechanism of Production of "Terrestrial Corpuscular Radiation" Under the Action of Cosmic Rays, by S. N. Vernov, N. L. Grigorov, I. P. Ivanenko, A. I. Lebedinskiy, V. S. Murzin, A. E. Chudakov, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 5, 1959, pp 1022-1025.

AIP
Sov Phys - Doklady
Vol IV, No 1

A Study of Ultrarelativistic Charges Passing Through a Circular Aperture in a Screen, by Yu. N. Dnestrovskiy, D. P. Kostomarov, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 5, 1959, pp 1026-1029.

(See Above)

On the Formulation of the Problem of the Infinity of Space in the General Theory of Relativity, by A. L. Zel'manov, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 5, 1959, pp 1030-1033.

(See Above)

On the Relaxation of Nonequilibrium Conductivity on Recombination Through Traps, by S. M. Ryvkin, N. B. Strokan, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 5, 1959, pp 1034-1037.

(See Above)

On the Radiation From a Polarized Electron, by I. M. Ternov, V. S. Tumanov, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 5, 1959, pp 1038-.

(See Above)

Localized X-Ray Spectroscopy, by I. B. Borovskiy, S. A. Ditsman, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 5, 1959, pp 1042-1044.

(See Above)

Diffusional Activity of Metals of Electrolytic Origin, by Ya. E. Geguzin, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 5, 1959, pp 1045-1048.

(See Above)

Effect of Fused Tin on the Fatigue Strength of Steel Specimens With Stress Concentrators, by M. I. Chayevskiy, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 5, 1959, pp 1040-.

(See Above)

Scientific
Physics (Contd)

Features of the Electronic Structure of Nucleic Acids and Their Complexes With Proteins, by L. A. Blumenfeld, et al.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 5, 1959, 1144-1146,

Navy 2297/T-89

Theory of Electrical Discharge in a Moving Conducting Medium, by V. N. Zhigulev, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 6, 1959, pp 1226-.

AIP
Sov Phys-Doklady
Vol IV, No 1

Causality in a Theory With Indefinite Metric, by D. A. Slavnov, A. D. Sukhanov, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 6, 1959, pp 1229-.

(See Above)

Relationship Between the Constants of Interaction of Electrons With Phonons and Impurities in Metals, by V. L. Bonch-Bruevich, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 6, 1959, pp 1233-.

(See Above)

Regarding the Laws of the Kinetics of Deformation as a Function of the Compliance of Loading, by T. K. Zilova, N. I. Petrukhina, Ya. B. Fridman, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 6, 1959, pp 1236-1239.

(See Above)

Investigation of the Kinetics of Sintering of Nickel, Copper and Molybdenum by the Dilatometric Method, by R. S. Mints, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 6, 1959, pp 1240-.

(See Above)

The Coefficients of the Transfer of Heat to Boiling Water at Excessive Pressures, by V. M. Borishanskiy.
RUSSIAN, per, Energomashinostroyeniye, No 7, 1958, pp 5-9.

DSIR LIU RTS 1074

Scientific
Physics (Contd)

Density Determinations by β -Ray Absorption
(Error Curves), by V. S. Merkulov.
RUSSIAN, per, Izmeritel Tekh, No 4, 1958,
pp 43-45.

Infosearch Ltd

Mechanical Output Force During the Emission
of Electro-Magnetic Energy and the Possibility
of Using It for Measuring Purposes, by R. A
Valitov, P. A. Aleksandrov.
RUSSIAN, per, Izmeritel Tekh, No 5, 1957,
pp 67-68.

RAE 808

Heat Transfer in Turbulent Motion of Liquid
in Tubes, by M. A. Mikhayev, 11 pp.
RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh
Nauk, 1952, pp 1448-1454.

AEC Tr 3760

The Effect of Ultrasonic Vibrations on Weld-
Pool Crystallization, by A. A. Erokhin.
RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh
Nauk, No 1, 1958, pp 140-142.

Infosearch Ltd

On the Coefficient of Resistance to Motion of
Burning Particles, by V. N. Basov, V. A.
Popov.
RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh
Nauk, No 8, 1958, p 12.

Navy 2308/T-101

On the Use of Native Phosphors for Scintilla-
tion Counters, by A. N. Pisarevskiy, et al.
RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, No 1,
1958, p 23.

Infosearch Ltd

Scientific
Physics (Contd)

Investigation of the Resistance During the Movement of Steam-Water Mixtures in a Heated Boiler Pipe at High Pressures, by A. A. Armand, G. G. Treshchev, 15 pp. RUSSIAN, per, Iz Vses Teplotekh Inst imeni Feliksa Dzerzhinskogo, Vol XVI, 1947, pp 1-5.

AERE Lib Tr 816

Effect of Gases on the Hardness of Rimmed and Killed Low-Carbon (0.08%C) Steel, by B. C. Natapov, E. S. Fal'kevich. RUSSIAN, per, Iz Vysshikh Uchebnykh Zavedeniy, Chern Metal, No 11, 1958, pp 95-98.

HB 4622

On the Number of Limiting Cycles of the Equation $\frac{dy}{dx} = \frac{P(x,y)}{Q(x,y)}$ Where P and Q are Polynomials of the Second Degree, by I. G. Petrovskiy, E. M. Landis. RUSSIAN, per, Matemat Sbornik, Vol XXXVII, No 2, 1955, pp 209-250.

DSIR LLU RTS 1192

Absorption Spectra of Crystals of Plutonium Salts, by A. M. Leontovich, 11 pp. RUSSIAN, per, Optika i Spektro, Vol II, 1957, pp 695-703.

AEC Tr 3716

Relatives f-Values of the Spectral Lines of Scandium, by Yu. I. Ostrovskiy, N. P. Penkin. RUSSIAN, per, Optika i Spektro, Vol III, No 4, 1957, pp 391-393.

DSIR LLU RTS 1126

On the Calculation of the Probability of Vibrational Excitation of Molecules by Collisions, by E. E. Nikitin. RUSSIAN, per, Optika i Spektro, Vol VI, No 2, 1959, pp 141.

Navy 2285/T-167

The Effect of Gas Scattering on Synchrotron Oscillations of Particles in Accelerators, by D. G. Koshkarev, 9 pp. RUSSIAN, per, Pribery i Tekh Eksper, No 2, 1957, pp 15-18.

AEC NP Tr 214

Scientific
Physics (Contd)

A Vacuum Flow Meter, by M. I. Basalayev, et al.
RUSSIAN, per, Pribery i Tekh Eksper, No 2,
1958, pp 75-78.

Infosearch Ltd

Determination of the Thermal Conductivity of
Gases With the Aid of a Universal Flat Twin
Calorimeter, by G. M. Levin.
RUSSIAN, per, Pribery i Tekh Eksper, No 4,
1958, pp 102-105.

*AEC

Apparatus for Producing High Pulsed Magnetic
Fields, by V. R. Karasik, 8 pp.
RUSSIAN, per, Pribery i Tekh Eksper, No 1,
1959, pp 142-145.

AEC NP Tr 250

Calculation of Certain Sonic Flows of a Gas,
by P. I. Chushkin.
RUSSIAN, per, Prik Matemat i Mekh, Vol XXI,
No 3, 1957, pp 353-360.

RAE 816

The Tenth USSR Conference of Spectroscopy,
by G. S. Landsberg.
RUSSIAN, per, Priroda, Vol XLV, No 11, 1956,
pp 43-47.

CCT-870B

Activated Adsorption as a Method for Studying
Catalysts, by S. Z. Roginskiy.
RUSSIAN, per, Problemy Kinetiki i Kataliza,
Ak Nauk SSSR, Inst Fiz Khim, Metody Izucheniya
Katalizatsii, Vol V, 1948, pp 258-273.

CCT-934B

Equation of State, Thermodynamic Functions and
Standard Tables for Water and Superheated Steam
to 1000 atm. and 1000°C, by M. P. Vukalovich,
et al.
RUSSIAN, per, Teploenergetika, No 4, 1958,
pp 46-52.

Infosearch Ltd

Experimental Investigation of the Compress-
ibility of Water and Steam Near the Critical
Temperature Range, by V. A. Kirillin, et al.
RUSSIAN, per, Teploenergetika, No 4, 1958,
pp 53, 54.

Infosearch Ltd

Scientific
Physics (Contd)

The Thermal Conductivity of Slags in the Solid and Molten States, by N. B. Vargaftik, O. N. Oleshchuk.

RUSSIAN, per, Teploenergetika, No 12, 1958, pp 79-85.

DSIR LLU RTS 1063

Determination of the Position of a Point on a Plane Taking Account of Systematic Errors of Measurements, by M. I. Yudin, 20 pp.

RUSSIAN, per, Trudy Glavnoy Geofiz Observatorii A. I. Voyseikova, No 56 (118), 1956, pp 69-78.

AEC SCL-T-266

Applied Magneto-Hydrodynamics, 127 pp.

RUSSIAN, per, Trudy Inst Fiz, Ak Nauk Latvian SSR, Vol VIII, 1956.

AEC Tr 3602

On the Theory of Luminescent Centers in Alkali Halide Crystal Phosphors, by N. N. Kristoffel.

RUSSIAN, per, Trudy Inst Fiziki i Astronomiy, Ak Nauk Estonskoy SSR, Issledovaniya po Luminesstentsiy, No 7, Tartu, 1958, pp 85-111.

Navy 2296/NRL 741

The Conversion of Gas Velocity Into Pressure in a Diffuser, by A. G. Lifshits.

RUSSIAN, per, Trudy Ural'skogo Politekhn In-ta, No 41, 1955, pp 112-116.

TIL T 4942

Irregularities of Plastic Deformations of Crystals, by V. N. Rozhanskiy.

RUSSIAN, per, Uspekhi Fiz Nauk, No 3, 1958, pp 387-406.

Infosearch Ltd

High Speed Spectrometry, by O. D. Dmitriyevskiy, et al.

RUSSIAN, per, Uspekhi Fiz Nauk, No 3, 1958, pp 447-492.

Infosearch Ltd

An Important Problem of Modern Physics; (Excitons in the Crystal Lattice), by E. F. Gross, 16 pp.

RUSSIAN, per, Vest Ak Nauk SSSR, Vol XXVIII, No 10, 1958, pp 11-19.

AEC NP Tr 210

Scientific
Physics (Contd)

Spectroscopic Studies of the Excitation Mechanism in Hollow-Cathode Discharges in Inert Gases, by Chen-Gi-Tkhek.
RUSSIAN, per, Vest Leningrad U, Ser Fiz i Khim, No 2, 1958, pp 18-37.

Infosearch Ltd

Certain Optical Investigations of a Strong Pulse Discharge in Hydrogen, by P. S. Kireyev, A. A. Yuzefovich.
RUSSIAN, per, Vest Moskov U, Ser Matemat, Mekh, Astron, Fiz, Khim, No 5, 1959, p 105.

Navy 2282/T-163

A Method of Measuring the Densities of a Liquid and Its Vapour at High Temperatures and Pressures, by A. P. Gritsenko.
RUSSIAN, per, Zavod Lab, No 2, 1958, pp 188, 189.

Infosearch Ltd

Accurate Measurement of Large Quantities of Gas, by R. A. Alikhanov.
RUSSIAN, per, Zavod Lab, Vol XXII, No 10, 1956, pp 1202-1204.

DSIR LLU M.460

Ultrasonic Inspection of the Quality of Contact Spot and Seam Welding, by S. T. Nazarov, Yu. P. Panov.
RUSSIAN, per, Zavod Lab, No 10, 1958, pp 1214-1217.

DSIR LLU M.488

Use of a Composite Piezoelectric Resonator for Determining Modulus of Elasticity and Internal Friction of Solid Bodies, by B. I. Kisin, 6 pp.
RUSSIAN, per, Zavod Lab, Vol XXIV, No 11, 1958, pp 1400-1402.

OTIA Tr 31

A Method of Radiographic Examination of Spot Welded Duralumin Alloys, by D. G. Bykhovsky.
RUSSIAN, per, Zavod Lab, No 12, 1958, pp 1458-1459.

DSIR LLU M.490

A Volumetric Adsorption Method of Measuring the Specific Surface of Carbon, by I. N. Dashanskiy.
RUSSIAN, per, Zavod Lab, No 12, 1958, pp 1463, 1464.

*AEC

Scientific
Physics (Contd)

An Improved Method of Feeding the Sample in Spectral Analysis, by O. F. Chesnokov, Yu. A. Kopeikin.

RUSSIAN, per, Zavod Lab, No 12, 1958, pp 1487-1489.

*AEC

Transverse Oscillations of an Electron Plasma in a Constant Magnetic Field, by G. V. Gordeyev, 10 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXIV, 1933, pp 445-453.

AEC Tr 3710

Theory of Current in Vacuum. I. The Case of Plane Parallel Electrodes, by S. V. Bellyustin. RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol IX, 1939, pp 742-759.

AEC Tr 3650

Isotopic Shift of Curie Point in Uranium Hydride and Deuteride, by A. I. Karchevskiy, E. V. Artiushkov, L. I. Kikoin, 4 pp. RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXXVI, 1959, pp 636, 637.

AEC Tr 3758

Magnetocaloric Effect in Uranium Hydride and Deuteride, by A. I. Karchevskiy, 5 pp. RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXXVI, 1959, pp 638, 639.

AEC Tr 3757

On the Observation of $\pi^+ \rightarrow e^+ \nu_e$ Decay, by Yu. A. Budagov, S. Victor, V. P. Dzhelapov, P. F. Ermolov, V. I. Moskalev, 10 pp. RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXXVI, 1959, pp 1080-1084.

AEC NP Tr 247

Theory of the Separation of a Gaseous Mixture Under High Pressure, by V. I. Kuz'mich, by I. Z. Fisher. RUSSIAN, per, Zhur Fiz Khim, Vol XXXII, No 2, 1958, p 291-297.

DSIR LLU RTS 1038

The Effect of Ultrasonic Vibrations on Processes Which Take Place in Metal Alloys, by N. T. Gudtsov, M. N. Gavze. RUSSIAN, per, Zhur Neorg Khim, Vol I, No 7, 1956, pp 1533-1538.

Aluminium Lab, Ltd.
B TM-231-59
OT/3596

Scientific
Physics (Contd)

On the Mechanism of Internal Friction Peak
of Interstitial Atoms in the Face Centre
Cubic Crystal, by Tsien Chi-Tsiang.

CHINESE, per, Acta Metallurgica Sinica, No 1,
1959, pp 69-74.

*BISI 1397

On the Method of Measuring Refractive Index I,
by J. Kokta, 10 pp.

CZECH, bk, Frantisek Slavik Mem Vol, Ceskoslov
Akad Ved, 1957, pp 159-166.

AERE Tr 817

Thermal Conductivity of Porous and Pulverulent
Materials. A Theoretical Study, by G. Ribaud,
24 pp.

FRENCH, per, Chaleur & Ind, Vol XVIII, 1937,
pp 36-43.

AEC TT-801

Effective Cross-Sections of Electrostatic
Interaction in Plasmas. Definitions, by M.
Bayet, 9 pp.

FRENCH, per, Comptes Rendus, Vol CCXLV, 1957,
pp 1708-1710. 9029280

ACSIL 1071

Applications of Microanalyzer to Electric
Welding and Welding Research, by J. Philibert,
C. Crussard.

FRENCH, per, Rev Met, Jul 1956, pp 461-470.

BISI 1353

Definition of the Diffusion Coefficient and
Fick's Equations, by W. Seith, 46 pp.

GERMAN, bk, Diffusion in Metallen, Chap II,
Berlin, 1955, pp 4-21.

AEC Tr 3768

Plasma Phenomena Associated With Sudden
Pulses, by W. O. Schumann, 13 pp.

GERMAN, per, Ann der Physik, Vol XLIII,
No 5, 1943, pp 369-382. 9029281

ACSIL 1048

Combustion With Simultaneous Heat Transfer,
Part I, by R. Jeschar.

GERMAN, per, Arch Eisenhuettenwesen, Jun 1959,
pp 329-335.

*BISI 1428

Scientific
Physics (Contd)

Combustion With Simultaneous Heat Transfer,
Part II, by M. Hansen, R. Jeschar.

GERMAN, per, Arch Eisenhuettenwesen, Jul 1959,
pp 397-405.

*BISI 1429

The Calculation of the Gamma-Radiation Protec-
tion in Extensive Radiation Field, by R. Plesch,
10 pp.

GERMAN, per, Atompraxis, Vol IV, 1958,
pp 402-407.

AEC IGIS-7(RD/W)

Comparison Method for the Determination of the
Heat Conductivity of Ceramic Materials, by
F. Klasse, A. Heinz, J. Hein, 28 pp.
GERMAN, per, Ber Deut Keram Ges, Vol XXXIV,
1957, pp 183-189.

AEC Tr 3751

Propulsion Through Heating at Supersonic Speed,
by K. Oswatitsch.

GERMAN, per, Deutsch Vers Anst Luft Berichte,
No 90, Mar 1959, 36 pp.

RAE 811

Selected Problems of Dynamic Stability, by
K. B. Doetsch.

GERMAN, per, Jahrb Wiss Ges Flugtech, 1954,
pp 95-103.

RAE 803

Fundamentals of a Low-Noise-Level HF Pre-
amplifier for $\lambda = 70-40$ Cm, by H. Rieck.

GERMAN, per, Nachrichtentechnik, No 7, 1958,
pp 306-313.

Navy 2196/ONI 524

Problem and Progress of Irradiation Protection
According to the Film Protection Method, by F.
Waschmann, W. Schubert.

GERMAN, per, Rontgen-Blatter, Vol XII, No 4,
1959, pp 1-8.

*AEC

Limitations in the Evaluation of Gamma
Radiographs Used for Examining Circumferential
Pipe Welds in Accordance With DIN 54 111, by
W. H. Papke.

GERMAN, per, Schweissen u Schneiden, No 11,
1958, pp 439-441.

BISI 1391

Scientific
Physics (Contd)

Estimates of the Voltage of a Perforated Disk,
by H. Hengst.

GERMAN, per, Z Angew Math und Mekh, Vol XVIII,
1938, pp 44-48.

*AEC

Stress Peak in Perforated Metal Plates and Strips, by A. Hutter.

GERMAN, per, Z. Angew Math und Mekh, Vol XXII,
1942, pp 322-335.

*AEC

Physical Processes in Diffusion Pumps and Ejector Pumps. II. The Intermixing of Air and Operating Vapour, and Pumping Speed, by H. G. Noller, 13 pp.

GERMAN, per, Z fuer Angew Phys, Vol VII, 1955,
pp 225-229.

AEC NP Tr 243

The Physical Processes in Diffusion- and Ejector-Pumps. III. Comparison of Observed and Theoretically Obtained Flow Diagrams, by Horst Kutscher, 20 pp.

GERMAN, per, Z fuer Angew Phys, Vol VII, 1955,
pp 229-234.

AEC NP Tr 244

An Explanation of Interference Errors Occurring Systematically in X-Ray-Fluorescence-Spectroscopic Measurements and Means Whereby These Interference Errors May be Eliminated, by F. Ebert, A. Wagner.

GERMAN, per, Z Metallkunde, Dec 1957,
pp 646-649.

BISI 1177

A Sensitive Luminescent X-Ray Dosimeter Independent of Wavelength, by E. Krokowski.

GERMAN, per, Z fuer Naturforschung, Vol XIVb,
No 5, 1959, pp 304-306.

*AEC

Electron Emission of Metal Surfaces as an After-Effect of a Mechanical Treatment or a Glow Discharge, by O. Haxel, F. G. Houtermans, K. Seeger, 21 pp.

GERMAN, per, Z fuer Physik, Vol CXXX, 1951,
pp 109-123.

AEC SCL-T-259

Scientific
Physics (Contd)

Surface Examinations of Metals and Nonmetals
With Excitons and Photoelectrons, by
J. Kramer.

GERMAN, per, Z fuer Physik, Vol CXXXIII, 1952,
pp 629-646.

*AEC

Temperature and Electron Density in a Water
Stabilized Light Arc, by G. Jurgens.

GERMAN, per, Z fuer Physik, Vol CXXXIV, No 1,
1952, pp 21-41.

*AEC

Measurement of the Oscillator Intensity of
Some O I Lines in a Water-Stabilized Light
Arc, by Gunter Jurgens, 15 pp.

GERMAN, per, Z fuer Physik, Vol CXXXVIII, 1954,
pp 613-622.

AEC SCL-T-256

On the Study of the Motion After-Image, by
A. V. Szily, 7 pp.

GERMAN, per, Z fuer Psychol und Physiol, d
Sennesorg Hamb U, Vol XLII, 1907, pp 109-114.
649244

ATIC F-TS-9786/III

Determination of the Rate of Deformation in
Extrusion and Drawing, by J. Koesis, L. Zachar.
HUNGARIAN, per, Kohaszati Lapok, No 1/2, 1957,
pp 71-75.

*AEC

Investigations Into the Lattice Disorders of
the Fluorite Lattice and the Cubic Lattice 'C'
of the Rare Earth Oxides, by M. Bruno, A.
Mayer, 9 pp.

ITALIAN, per, La Ricerca Sci, Vol XXVIII,
1958, pp 1168-1173.

AEC NP Tr 259

Scientific
Physics (Contd)

Maximum and Minimum Values of the Heat Flux
From Metal to Boiling Water at Atmospheric
Pressure, by S. Nukiyama.

JAPANESE, per, J Japan Soc of Mech Engr,
Vol III, 1934, p 367.

*AEC

Calorific Conductivity of Pulverized Bodies,
by M. Smoluchowski.

POLISH, rpt, Polska Ak Umiejetnoschi Krakow,
Bul Interntl A, 1910, pp 129-153.

*AEC

Cherenkov's Radiation, by A. Deloff, 10 pp.

POLISH, per, Mlody Technik, No 1, 1959, pp 2-4.

ATIC MCL-14/III

The Relation Between the Number of Particles
in the Specific Volume, the Coefficient of
Linear Expansion and the Heat of Fusion of
Metals.

SERBIAN.

*525th MI Gp, H-4641

The Diffusion of Moist Air Through Small
Orifices, by C. H. Johannsson, G. Persson,
10 pp.

SWEDISH, per, IVA, Vol XIV, Stockholm, 1943,
pp 160-165.

AEC SCL-T-263

Scientific
Space Research

On the Calculation of Precise and
Approximate Ephemerides of Artificial
Earth Satellites, by M. S. Yarov-
Yarovoy, et al, (NY-3053).

RUSSIAN, per, Astron Zhur, Vol XXXVI,
No 3, Moscow, 1959, pp 524-534.

*JPRS

The Sputnik Radioed to Earth, by L. Razorenov,
5 pp.

RUSSIAN, np, Izvestiya, No 124, 27 May 1959,
p 4.

AF 1256010

New Jump Into the Cosmos.

RUSSIAN, np, Komsomolskaya Pravda, No 157,
7 Jul 1959, p 1.

*ATIC MCL-359/III

Explorers of High Altitudes.

RUSSIAN, np, Pravda, No 189, 8 Jul 1959, p 6.

*ATIC MCL-358/III

Soviet Union Launches Cosmic Rocket Toward
the Moon.

RUSSIAN, np, Pravda, 13 Sep 1959.

*AID

Before Leaping Into the Cosmos.

RUSSIAN, per, Pravda Ukrainy, 5 Oct 1958.

*AID

Missiles and Anti-Missiles.

RUSSIAN, np, Sovet Flot, 11 Jul 1959, p 4.

Navy 2280/ONI 593

The Modern Reactive Weapon, by V. Nikolayev,
6 pp.

RUSSIAN, per, Voyennye Znaniya, No 9, 1958,
pp 27, 28.

AF 1255949

Secret of the Success of the Soviet Space Rocket,
by Erno Nagy, 6 pp.

HUNGARIAN, per, Elet es Tudomany, Vol XIV, No 12,
Budapest, 18 Mar 1959, pp 359-362.

JPRS-L-1836-D

Scientific
Miscellaneous

Status of Machine Translations.
RUSSIAN, rpt.

Navy 2298/T-102

Outline of the University of Leningrad,
by V. V. Mavrodin, 22 pp.
RUSSIAN, bk, Leningradskiy Universitet,
1957, pp 71-105.

JPRS-L-956-N

Abstracts of the Conference on Mathematical
Linguistics, 106 pp.
RUSSIAN, bk, Tezisy Soveshchaniya po Matema-
ticheskoy Lingvistike, 1959, pp 1-104.

JPRS-893-D

Science Today and Tomorrow.
RUSSIAN, np, Izvestiya, 9 Aug 1959, p 3.

*AID

Dissertation for Degrees in Science and
Engineering Defended at USSR Higher Educational
Institutions, 19 pp.
RUSSIAN, per, Knizhnaya Letopis, No 39-41,
1957, pp 93-109.

JPRS-L-1856-D

The Printed Catalogues and Bibliographical
Indexes of China's Libraries, by A. Kh.
Rafikov.
RUSSIAN, per, Sovet Bibliografiya, No 2, 1959,
pp 116-118.

LLU Tr Bul Aug 1959

Soviet Science in the First Year of the Seven-
Year Plan, by A. V. Topchiev, 6 pp.
RUSSIAN, per, Vest Ak Nauk SSSR, No 1, 1959,
pp 3-10. 9042279

DSI 541 (British)

The Progress of Science in Siberia, by M. A.
Lavrent'yev, A. K. Chernenko.
RUSSIAN, per, Vest Ak Nauk SSSR, No 1, 1959,
pp 65-67. 9042280

DSI 542 (British)

Scientific
Miscellaneous (Contd)

Statute of the Academy of Sciences USSR, 9 pp.
RUSSIAN, per, Vest Ak Nauk SSSR, No 5, 1959,
pp 7-17. 9042281

DSI 543 (British)

The Academy of Science of USSR and the
Fundamental Scientific Research, by Prof
Maurice Letort, 6 pp.
FRENCH, np, Le Monde, 26-27 Apr 1959.

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COVER-TO-COVER TRANSLATIONS

(Received during September)

<u>Astron Zhur</u> , Vol XXXV, No 5, 1958.	AIP, Vol II, No 5
<u>Astron Zhur</u> , Vol XXXV, No 6, 1958.	AIP, Vol II, No 6
<u>Atom Energ</u> , Vol V, No 2, 3, 1958.	CB
<u>Biokhimiya</u> , Vol XXIV, No 1, 1959.	CB
<u>Bvul Eksper Biol i Med</u> , Vol XLVII, No 2, 1959.	CB
<u>Farmakol i Toksikol</u> , Vol XXI, No 6, 1958.	CB
<u>Fiz Rasteniy</u> , Vol VI, No 1, 1959.	AIBS
<u>Geolog Neft</u> , Vol II, No 8-A, B, 1958.	Rev of Russian Geol
<u>Iz Ak Nauk SSSR, Ser Fiz</u> , Vol XXII, No 7, 8, 1958.	Columbia Tech
<u>Iz Ak Nauk SSSR, Ser Geofiz</u> , No 2-4, 1958.	AGU
<u>Metal i Termicheskaya Obra Metalov</u> , No 1, 1959.	HB
<u>Mikrobiolog</u> , Vol XXVIII, No 1, Jan/Feb 1959.	AIBS
<u>Priborostryeniye</u> , No 1, 1959.	Taylor & Francis, Ltd
<u>Problemy Gematologiy i Perel Krovi</u> , Vol III, No 1-6, 1958.	PP
<u>Radiotekh</u> , Vol XIII, No 1-6, 1958.	PP
<u>Radiotekh i Elektron</u> , Vol III, No 1-5, 8, 9, 1958.	PP
<u>Sovet Pedagog</u> , No 6, 1959.	Interntl Arts and Sci Press Vol I, No 10

Stal, No 1, 1959.

Trudy Inst Okeanol Ak Nauk SSSR, Biol Morey,
Vol XX, 1957.

Vest Voz Flota, No 1, 1959

Voprosy Ekonomiki, No 3, 1959.

Voprosy Ekonomiki, No 4, 1959.

Zhur Eksper i Teoret Fiz, Vol XXXVI (9),
No 2, 1959.

Zhur Mikrobiol, Epidemiol i Immunobiol,
Vol XXIX, No 12, 1958.

Zhur Obshch Khim, Vol XXVIII, No 6, 7, 1958.

Zhur Prikl Khim, Vol XXXI, No 9, 1958.

Zhur Tekh Fiz, Vol XXIX, No 2, 1959.

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Internatl Arts and
Sci Press
Vol II, No 3

Internatl Arts and
Sci Press
Vol II, No 4

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Sov Phys-JETP

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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 cursive script, 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)

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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	Flidr	Doc	Doc ID	Document Title	Pub Date	Pages	Decision	Proc Date
AD0866011	78-03109A	63	1	8	145	Consolidated Translation Survey Through 31 January 1970	1/31/1970	237	Approved For Release	3/25/2004
AD0866891	78-03109A	64	1	1	146	Consolidated Translation Survey Through 28 February 1970	2/28/1970	237	Approved For Release	3/25/2004
AD0868214	78-03109A	64	1	2	147	Consolidated Translation Survey Through 31 March 1970	3/31/1970	222	Approved For Release	3/25/2004
AD0869588	78-03109A	64	1	3	148	Consolidated Translation Survey Through 30 April 1970	4/30/1970	225	Approved For Release	3/25/2004
AD0871388	78-03109A	64	1	4	149	Consolidated Translation Survey Through 31 May 1970	5/31/1970	286	Approved For Release	3/25/2004
AD0872361	78-03109A	64	1	5	150	Consolidated Translation Survey Through 30 June 1970	6/30/1970	339	Approved For Release	3/25/2004
AD0873815	78-03109A	64	1	6	151	Consolidated Translation Survey Through 31 July 1970	7/31/1970	274	Approved For Release	3/25/2004
AD0834385	78-03109A	47	1	4	17	Consolidated Translation Survey For May 1959	6/17/1959	193	Approved For Release	3/25/2004
AD0834386	78-03109A	47	1	5	18	Consolidated Translation Survey For June 1959	7/17/1959	177	Approved For Release	3/25/2004
AD0834387	78-03109A	47	1	6	19	Consolidated Translation Survey For July 1959	8/24/1959	254	Approved For Release	3/25/2004
AD0834388	78-03109A	47	1	7	20	Consolidated Translation Survey For August 1959	9/18/1959	209	Approved For Release	3/25/2004
AD0834389	78-03109A	47	1	8	21	Consolidated Translation Survey For September 1959	10/20/1959	261	Approved For Release	3/25/2004
AD0834491	78-03109A	47	1	9	22	Consolidated Translation Survey For October 1959	11/16/1959	181	Approved For Release	3/25/2004
AD0834492	78-03109A	47	1	10	23	Consolidated Translation Survey For November 1959	12/22/1959	214	Approved For Release	3/25/2004
AD0834493	78-03109A	47	1	11	24	Consolidated Translation Survey For December 1959	1/20/1960	202	Approved For Release	3/25/2004
AD0834494	78-03109A	47	1	12	25	Consolidated Translation Survey For January 1960	2/25/1960	198	Approved For Release	3/25/2004
AD0834495	78-03109A	47	1	13	26	Consolidated Translation Survey For February 1960	2/1/1960	248	Approved For Release	3/25/2004
AD0834496	78-03109A	48	1	1	27	Consolidated Translation Survey For March 1960	3/1/1960	223	Approved For Release	3/25/2004
AD0834497	78-03109A	48	1	2	28	Consolidated Translation Survey For April 1960	4/1/1960	287	Approved For Release	3/25/2004
AD0834498	78-03109A	48	1	3	29	Consolidated Translation Survey For May 1960	5/1/1960	312	Approved For Release	3/25/2004
AD0834499	78-03109A	48	1	4	30	Consolidated Translation Survey For June 1960	6/1/1960	277	Approved For Release	3/25/2004
AD0834500	78-03109A	48	1	5	31	Consolidated Translation Survey For July 1960	7/1/1960	186	Approved For Release	3/25/2004
AD0834501	78-03109A	48	1	6	32	Consolidated Translation Survey For August 1960	8/1/1960	317	Approved For Release	3/25/2004
AD0834502	78-03109A	48	1	7	33	Consolidated Translation Survey For September 1960	9/1/1960	287	Approved For Release	3/25/2004
AD0834503	78-03109A	48	1	8	34	Consolidated Translation Survey For October 1960	10/1/1960	322	Approved For Release	3/25/2004
AD0834504	78-03109A	48	1	9	35	Consolidated Translation Survey For November 1960	11/1/1960	289	Approved For Release	3/25/2004