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CONSOLIDATED
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CONSOLIDATED TRANSLATION SURVEY

FOR OCTOBER 1961

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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.

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

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AF

Department of Air Force
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AGI

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

AGS

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

AIBS

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

AIEE

American Institute of Electrical Engineers
Special Subscription Department
41 East 28th Street
New York 16, New York

AIP

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

Amer Meteorol Soc

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

AMS - Army Map Service (see ACSI)

APL - Applied Physics Laboratory (see Navy)

BCIRA

British Cast Iron Research Association
Bordesley Hall
Alvechurch, Birmingham
England

BISI

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

Broken Hill Proprietary Co Ltd

Central Research Laboratories
Shortland, N.S.W. (New South Wales)
Australia

BWRA

British Welding Research Association
Abington Hall, Abington
Cambridge, England

CB

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New York 11, New York

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31 Wright's Lane
London W 8, England

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

CSIRO

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

CTRA

The Coal Tar Research Association
Oxford Road
Gomersal, Leeds

CTT

Columbia Technical Translations
5 Vermont Avenue
White Plains, New York

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Department of Scientific and Industrial Research
Records Section
Charles House
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DSIR LLU

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

DSIR, TDA

Department of Scientific and Industrial Research
Timber Development Association
21 College Hill
London, E.C.4

FTD - Foreign Technology Division (see AF)

Geochem Soc

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

HB

Henry Brucher Technical Translations
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Altadena, California

HO - Hydrographics Office (see Navy)

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International Arts and Sciences Press
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New York 25, New York

Min of Aviat

Ministry of Aviation (TIL)
First Avenue House
High Holborn, London W.C.1

MT

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

NASA

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

Navy

Department of Navy
Office of Naval Intelligence
Washington 25, DC

NCB

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

NLL

National Lending Library
for Science and Technology
Boston Spa, Yorkshire, England

NRL - Naval Research Laboratory (see Navy)

ONI - Office of Naval Intelligence (see Navy)

OSA

Optical Society of America
121 Lincoln Avenue
Rochester, New York

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

Pat Off

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

PERA

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

PP

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

QMIA - Quartermaster Intelligence Agency (see ACSI)

RAE

Royal Aircraft Establishment
Farnborough
Hants, England

RAND Corp

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Rubber and Plastics Research Association of Great Britain
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University of Melbourne
Melbourne, Australia

USASIA - US Army Signal Intelligence Agency (see ACSI)

USRL - US Research Laboratory (see Navy)

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

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

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

P R O J E C T S R E P O R T E D
F O R O C T O B E R 1 9 6 1

USSR

Economic

The Economics and Organization of Socialist Agricultural Enterprises, edited by A. M. Ayrumov, 145 pp.

RUSSIAN, bk, Ekonomika i Organizatsiya Sotsialisticheskikh Sel'skokhozyaystvennykh Predpriyatiy, 1960, 188 pp.

JPRS 8934

Mechanizers of USSR Agriculture From 1929 to 1957, by Yu. V. Arutyunyan, 62 pp.

RUSSIAN, bk, Mekh Sel'skogo Khoz SSR v 1929-1957, 1960.

JPRS 8844

New Construction Prospects in the Industry and Transportation in the Soviet Ukraine, by I. P. Starovoytonko, 26 pp.

RUSSIAN, monograph, Movobudovi Promislovosti i Transportu Radyans'koy Ukrayni, 1959, pp 1-36.

JPRS 8941

Organizing and Planning the Sale of Industrial Products in the USSR, by P. V. Smirnov, R. B. Taras'yants, 260 pp.

RUSSIAN, bk, Organizatsiya i Planirovaniye Sbyta Promyshlennoy Produktzii v SSSR, 1960, pp 114-392.

JPRS 8899

Main Achievements of Agricultural Science in the USSR, by D. D. Brezhnev, I. A. Minkevich, 125 pp.

RUSSIAN, bk, Osnovnye Dostizheniya Sel'skokhozyaystvennoi Nauki v SSSR, 1958.

OTS 60-51199

PST-Cat-160

Irrigation and Water Supply of Arid Regions in Western Siberia and in the Turgai Depression (Excerpts), by M. M. Davydov, 3 pp.

RUSSIAN, bk, Perspektivy Kompleksnogo Ispol'zovaniya Stoka Sibirskikh Rek, 1957, pp 18-21.

AEC SCL-T-315

Methods of Raising the Labor Productivity of Kolkhozes, by N. N. Krasavin, 24 pp.

RUSSIAN, brochure, Proizvoditel'nost' Truda v Kolkhozakh i Puti eye Povysheniya, 1960, pp 34-67.

JPRS 8896

USSR

Economic (Contd)

Building Materials Industry in North
Ossetia, by G. Kh. Vermishev, Kh.
Besayev, (SF-2013).

RUSSIAN, bk, Promyshlennost' Stroitel'-
nykh Materialov Severnoy Osetiya, 1960,
pp 1-268.

*JPRS

The Development of Nonferrous Metallurgy
(1959-1965), by A. Kh. Benuni, 65 pp.
RUSSIAN, pamphlet, Razvitiye Tsvetnoy
Metallurgii v 1959-1965 gg, 1960.

JPRS 4970

Cement Industries of the Ukraine in the Seven
Year Plan, by G. M. Baklanov, (SF-2014).
RUSSIAN, bk, Tsementnaya Promyshlennost'
Ukrainy v Semiletke, 1960, pp 1-59.

*JPRS

Problems of Economic and Organization of
Production in Moscow Industry, by L. N
Roytburd, (DC-6349).
RUSSIAN, bk, Voprosy Ekonomiki i Organizat-
sii Proizvodstva v Promyshlennosti Moskv,
1960, pp 1-358.

*JPRS

Selected Articles From the Russian
Monograph, Voprosy Razvitiya Stroitel'-
stva i Promyshlennosti Stroitel'nykh
Materialov Khar'kovskogo Ekonomi-
cheskogo Rayona, 1959.

JPRS 10449

Development of the Production of
Sectional Concrete Articles, by N. G.
Lelichenko, 9 pp.

Specialization of Building Combines
Which Produce Sectional Reinforced
Concrete, by M. V. Mikheyev, 7 pp.

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and Other Binding Materials, by A. T.
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Selected Articles From the Russian
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stva i Promyshlennosti Stroitel'nykh
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Raw Material Resources for Brick Tile
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Stefanovich, 10 pp.

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Boyarskiy, 15 pp.

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by V. K. Kalinichenko, 8 pp.

Winter Use of Wheeled and Tracked Vehicles, by
V. G. Karpenko.
RUSSIAN, bk, Zimnyaya Ekspluatatsiya Kolesnykh
i Gusenichnykh Mashin, 255 pp.

*ACSI H-7497
ID 2149828

Visit the Exhibition of the Achievement of the
National Economy of the USSR, by Dmitriy Lidin,
6 pp.
RUSSIAN, per, Avtomat Telemekh i Svyaz, No
10, 1960, pp 41-43.

ACSI H-8863
ID 2174756

Various Types of Coded Relays, by D. M.
Zektser, 6 pp.
RUSSIAN, per, Avtomat Telemekh i Svyaz, No
5, 1961, pp 42, 43.

JPRS 10182

Expediting the Development of the Moscow and
Leningrad Building-Materials Industry, 4 pp.
RUSSIAN, per, Beton i Zhelezobeton, No 5,
1961, pp 193, 194.

JPRS 9855

USSR
Economic (Contd)

Seminars on the Use of Mathematical and Statistical Methods in the Study of National Consumption Problems, by N. Rimashevskaya, (SF-2016).

RUSSIAN, per, Byul Nauch Informatsii: Trud i Zarabotnaya Plata, Vol III, No 12, 1960, pp 52-56.

*JPRS

Conference of the Coordinating Council on the Problem "Improving Production Administration and Mechanizing Administrative Work", by L. Andreyev, (SF-2015).

RUSSIAN, per, Byul Nauch Informatsii: Trud i Zarabotnaya Plata, Vol IV, No 2, 1961, pp 56-59.

*JPRS

New Containers for Transporting Cargo on Railroads, by S. I. Firsov, 5 pp.

RUSSIAN, per, Byul Tekh Ekon Informatsii, No 9, 1960, pp 4-6. 9663461

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Selected Articles From the Russian Newspaper Ekon Gazeta.

3 Feb 1961
Interplant Cooperation for Producing Agricultural Machinery, by A. Gudimov, 6 pp.

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22 Mar 1961, p 3.
What Lurks Behind the Talk of "Crisis", by N. Kozlov, 4 pp.

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26, 27 Apr 1961.
The Responsibilities of the Planners, 13 pp.

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June 1961.
The Trouble With the Potato Harvesting Machines, by I. Seryakov, 5 pp.

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20 Jul 1961, p 2.
Problems Troubling the Donbass Metallurgists, by A. Zhukov, 4 pp.

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29 Jul 1961, p 2.
Novomoskovsk Tinplate Plant Rejuvenated, by B. Zolotov, 4 pp.

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Selected Articles From the Russian
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No 2, 14 Aug 1961, p 6, 7.
The General Trend in Technical
Progress, by A. Topchiyev, 8 pp.

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No 4, 28 Aug 1961, pp 2-4.
Reserves of Production and the Economic
Science, by G. Prudenskiy, (DC-6348).

*JPRS

The Establishment of Centralized Grain Col-
lecting Stations, by A. Platonov, 9 pp.
RUSSIAN, per, Ekon Sel'skogo Khoz, No 4,
1961, pp 29-31.

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Creating the Material-Technical Base of
Construction in Tselinnyy Kray ("Virgin
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8 pp.

RUSSIAN, per, Ekon Stroitel', No 5,
1961, pp 22-28.

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Selected Articles From the Russian
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25 May 1961, p 3.
The Greater Gor'kiy RR -- Its Past and
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1 Jun 1961.
The Moscow Trunk-Line Railroad -- The
Country's Largest, by L. Karpov, 6 pp.

7 Jun 1961.
The East Siberian RR -- Today and
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8 Jun 1961.
Transistors and the Railroads, by
Ye. Khrakovskiy, 4 pp.

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The West Siberian RR -- Today and Tomorrow,
by N. Nikol'skiy, 5 pp.

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15 Jun 1961.

The Economics of Railroad Construction
in Kazakstan -- Statistics and Facts,
by K. Ureyevskiy, 5 pp.

Improved Plans for the "4200" Mill, by
Ye Chernykh, 3 pp.
RUSSIAN, np, Izvestiya, 16 Mar 1961, p 3.

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Concerning the Effect of Local Factors on
the Economic Characteristics of District
Power Distribution Networks, by I. I.
Konya, (DC-6350).
RUSSIAN, per, Iz Vysshikh Ucheb Zaved -
Energet, Vol IV, No 2, 1961, pp 27-33.

*JPRS

Scientific and Technical Conference on the
Coordination of Scientific Research and
Experimental Design Activities in the
Rubber Industry, by V. P. Khabarov, I. A.
Sheftel', 5 pp.
RUSSIAN, per, Kauchuk i Rezina, No 6,
1961.

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Land, Air, and Sea Transportation in
Kazakhstan, by I. Khalimov, 7 pp.
RUSSIAN, np, Kazakh Pravda, 11 May 1961.

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The Results and Prospects of Scientific
Studies on Cotton Growing in Uzbekistan,
by S. N. Ryzhov, 13 pp.
RUSSIAN, per, Khlopkovodstvo, No 5, 1961,
pp 1-8.

JPRS 10132

Corn, Our Main Resource for Increasing
Grain Production, 8 pp.
RUSSIAN, per, Kukuruza, No 4, 1961,
pp 2-4.

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New Paths in Metallurgy, by Yu. Stvolinskiy,
3 pp.
RUSSIAN, np, Leningradskaya Pravda,
28 Jan 1961, p 4.

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Dependence of the Quality of Washed Linen
on the Composition of the Detergent, by
F. V. Nevolin, et al.
RUSSIAN, per, Masloboino-Zhirovaya Prom,
Vol XXV, No 9, 1959, pp 29, 30.

DSIR LIU RTS 1646

Pressing Problems of Full Mechanization
of Metallurgical Production, by N. A.
Ryzhenko, 7 pp.
RUSSIAN, per, Mekh i Avtomat Proiz, No 9,
1960, pp 3-5.

JPRS 10266

Speed up the Rate of Planned and Research
Operations, by V. M. Zudin, 4 pp.
RUSSIAN, per, Mekh i Avtomat Proiz, No 9,
1960, pp 7, 8.

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Application of the Cartometric Method in
Soil Erosion Studies, by Ye. M. Nikolayev-
skaya, 8 pp.
RUSSIAN, per, Metody Grograf Issled, 1960,
pp 38-43.

JPRS 10095

Significance and Prospects for Development
of Interkolkhoz Production Ties, by D. V.
Valovoy, 42 pp.
RUSSIAN, per, Mezhkolkhoz Proiz Svyazi,
1960, pp 3-44.

JPRS 10222

Management of Interkolkhoz Production Units,
by M. P. Gorshkov, 11 pp.
RUSSIAN, per, Mezhkolkhoz Proiz Svyazi,
1960, pp 197-209.

JPRS 9998

Time Does Not Wait, Automobile Builders!,
by A. Novik, A. Tret'yakov, 6 pp.
RUSSIAN, np, Moskovskaya Pravda, 15 Mar 1961,
p 2.

JPRS 10285

Accelerating the Building of New Machines,
by V. P. Butusov, 20 pp.
RUSSIAN, per, Nauch Dok Vysshey Shkoly Mash
i Priborostroy, No 3, 1958, pp 15-24. 9671156

FTD MCL-1269/1

Computer Equipment in Industry, by F. Chaykin,
5 pp.
RUSSIAN, per, Nauchno-Tekh Obshch SSSR,
No 10, 1960, pp 57, 58.

JPRS 4976

USSR
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Dust Storms in the Southern Ukraine During the Spring of 1960, by B. A. Kulikov, 9 pp. RUSSIAN, per, Pochvovedeniye, No 6, 1961, pp 11-18.

JPRS 10146

Results of Fulfillment of the State Plan of Development of the National Economy of the USSR in the First Half of 1961, 7 pp. RUSSIAN, per, Pravda, 21 Jul 1961.

Interntl Arts & Sci Press
Problems of Economics
Vol IV, No 3

Selected Articles From the Russian Newspaper Pravda Ukrainy.

JPRS 10176

31 Mar 1961.
Producing Better Milking Equipment, by M. Bagrov, 3 pp.

The Farmers Rely on the Machine Builders, by A. Prizyazhnyuk, 3 pp.

14 Apr 1961.
A Complete Set of Equipment for Every Animal Farm, by O. I. Ivashchenko, 10 pp.

21 Apr 1961.
Building at Least 13,000 Combine-Harvesters at the Kherson Plant, by I. Donchenko, N. Ponomarev, 8 pp.

31 May 1961.
Pay More Attention to Small Agricultural Machinery Plants, 4 pp.

Views on Potato Cultivation in Tselinnyy Kray, by B. Voloshin, 3 pp. RUSSIAN, per, Sel'skoye Khoz Kazakh, No 3, 1961, pp 81-83.

JPRS 8923

Predicted Spread of Agricultural Pests and Plant Diseases in the Southeast Zone in 1961, by K. P. Grivanov, 4 pp. RUSSIAN, per, Sel'skoye Khoz Povolzh'ya, No 5, 1961, pp 53-55.

JPRS 10132

USSR
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The Socialistic Obligations of Kolkhoz-niks, Sovkhoz Workers, Machine Operators, Irrigation Engineers, and Agricultural Specialists of Tadzhik SSR to Increase the Output and Sale of Agricultural Products in 1961, 7 pp.
RUSSIAN, per, Sel'skoye Khoz Tadzhikistana, No 3, 1961, pp 3-8.

JPRS 8923

Greater Attention to Pedigree Work, by G. Aliyev, 5 pp.
RUSSIAN, per, Sel'skoye Khoz Tadzhikistana, No 3, 1961, pp 27-30.

JPRS 8923

The 1961 Socialist Obligations Assumed by the Minsk Tractor Plant, 3 pp.
RUSSIAN, np, Sovet Belorussiya, 15 Jan 1961.

JPRS 9671

The Machine Must Live Long, by V. Treyer, 3 pp.
RUSSIAN, np, Sovet Belorussiya, 29 Mar 1961, p 2.

JPRS 10285

Legal Problems in the Organization and Work of Sovnarkhozes, by V. K. Manutov, Yu. S. Teimerman, 8 pp.
RUSSIAN, per, Sovet Gosudarstvo i Pravo, No 10, 1960, pp 117-121.

JPRS 8922

Crisis at Chelyabinsk, by N. Kartashov, V. Beloborodov, 6 pp.
RUSSIAN, np, Sovet Rossiya, 20 Jul 1961.

JPRS 10286

Utilization and Normalization of Design Elements of Special-Purpose Equipment as the Basis for the Automation of Production Processes in Machine Building, by V. V. Boytsov, 14 pp.
RUSSIAN, per, Standartizatsiya, No 11, 1960, pp 7-15.

JPRS 10175

Utilization and Normalization in the Designing of Pressworking Machinery, by N. A. Yegerov, G. A. Navrotskiy, 5 pp.
RUSSIAN, per, Standartizatsiya, No 11, 1960, pp 16-23.

JPRS 10175

USSR
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Utilize the Potential of the Glass and Ceramics Industry, 6 pp.

RUSSIAN, per, Steklo i Keramika, No 5, 1961, pp 1-4.

JPRS 9855

The Manufacture of Large Sand-Lime Blocks in a Specialized Workshop, by V. S. Belikov, et al.

RUSSIAN, per, Stroitel Materialy, No 2, 1959, pp 23-26.

DSIR LIU M. 1725

Investigations of the Monolithic Quality of Brickwork of Big Blocks of Perforated Clay Bricks, by S. M. Starostin.

RUSSIAN, per, Stroitel Prom, Vol XXXVI, No 2, 1958, pp 28-31.

DSIR LIU M. 1985

Selected Articles From the Russian Newspaper Stroitel'naya Gazeta.

Vol XXIV, No 116 (3799), 1960, p 2.
Man and Automation, by D. Yagelman, 7 pp.

JPRS 4977

28 May 1961, p 2.
Role of Trade Unions in Expanding the Construction Industry, 8 pp.

JPRS 9855

2 Jun 1961, p 1.
Problems of the Novorossiysk Cement-makers, by S. Shurin, 3 pp.

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4 Jun 1961, p 1.
Not a Minute of Working Time Should Be Wasted, 5 pp.

JPRS 9855

2 Jun 1961, p 2.
The Asbestos-Cement Industry Has Growing Pains, 6 pp.

JPRS 9855

New Ocean-Going Drycargo Vessel "Tiksi," by A. Dorokhov, 10 pp.

RUSSIAN, per, Sudostroy i Sudoremont, No 4, 1961, pp 34-36.

JPRS 10182

Industrial Units for Welding by Electron Beam, by V. A. Kostyuk, Yu. M. Dozlov, et al, 14 pp.

RUSSIAN, per, Svaroch Proiz, No 1, 1961, pp 41-43. 9663469

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USSR
Economic (Contd)

Planned Development of the Szczecin Repair Shipyard 1961-1965, by Adam Korniak, 9 pp.
RUSSIAN, per, Tekh i Gospodarka Morska,
Vol XI, No 4, 1961, pp 107-109.

JPRS 10127

Operational Characteristics of Amateur Motion-Picture Cameras, by L. V. Barinov, 7 pp.
RUSSIAN, per, Tekh Kino i Televideniya,
No 3, 1961, pp 72-76.

JPRS 10154

More Attention Should Be Given to Improving the Working Conditions of Rural Mechanizers, by G. Kryukov, M. Bol'shov, 5 pp.
RUSSIAN, per, Tekh v Sel'skom Khoz, No 6, 1961, pp 1-3.

JPRS 10176

New Facilities for Kolkhozes and Sovkhozes, by S. P. Povov, 3 pp.
RUSSIAN, np, Trud, 20 Jan 1961.

JPRS 9671

Transactions of the Council for the Study of Productive Resources, by N. N. Goryachev.
RUSSIAN, per, Trudy Sovet po Izycheniyu Proiz sil Ak Nauk SSSR, No 3, 1934.

*ACIC

Regulations of the Council for Mutual Economic Assistance, 14 pp.
RUSSIAN, per, Vedomosti Verkhovnogo Soveta SSR, No 15, 21 Apr 1961, pp 162-173.

JPRS 4957

A Conference on Economic Competition Between Two World Systems, by I. Faminskiy, M. Malyarova, (DC-6351).
RUSSIAN, per, Vest Mosk U, Ser 8, Ekon Filosofoiya, Vol XVI, No 2, Apr 1961, pp 64-77.

*JPRS

The Grouping of Personal Budgets by Income, by S. Postnikov, (SF-2012).
RUSSIAN, per, Vest Statistiki, No 6, 1961, pp 44-54.

*JPRS

USSR

Economic (Contd)

"Economize:" - A Hard Look at the River Transport
Profits Picture, by I. Semenov, 4 pp.
RUSSIAN, np, Vodnyy Transport, 1 Jun 1961.

JPRS 10182

Selected Articles From the Russian
Periodical Voprosy Ekon.

Interntl Arts & Sci Press
Problems of Economics
Vol IV, No 3

No 7, 1960.
Differential Ground Rent Under Socialism,
by S. Strumilin, 15 pp.

See Above

No 12, 1960.
Value and Price Under Socialism, by
V. Nemchinov, 15 pp.

1961, pp 25-35. (Call No HC10V95,
1961, No 5, E Tr)
Electrification and Technical Progress in
Agriculture, by S. Shchurov, 11 pp.

AMS

No 1, 1961.
Price Formation, Investment Effectiveness and
Profitability, by T. Khachaturov, 7 pp.

Interntl Arts & Sci Press
Problems of Economics
Vol IV, No 3

No 3, 1961.
Value or Price of Production in the Socialist
Economy, by A. Probst, 8 pp.

See Above

Differential Rent and the Problem of Prices
of Collective Farm Products, by A. Boyev,
9 pp.

No 8, 1961 (SF-2023).
The Movement Towards Communist Labor and
Technical Progress, by K. Petukhov,
(pp 26-34).

*JPRS

Wages and Social Consumption Funds, by
B. Sukharevskiy, (pp 35-48).

We Must Devote More Attention to Sunflowers,
by V. S. Pustovoyt, 4 pp.
RUSSIAN, per, Zemledeliye, No 6, 1961, pp 13-15.

JPRS 10146

USSR
Economic (Contd)

Selected Articles From the Russian
Periodical Zheleznodorozhniy Transport.

Vol XLIII, No 10, 1960, pp 32-35. JPRS 10275
Long-Range Prediction of Car Flows With
the Aid of Electronic Computers, by B. M.
Maksimovich, G. N. Kovskov, V. A. Roze, 10 pp.

No 5, 1961. JPRS 10182
Development of Railroads in Tselinnyy Kray,
by F. P. Milyukin, 8 pp, (pp 8-14).

The Traffic Schedule and Plan for Making up
Trains, 5 pp, (pp 55, 56).

The Synthetic Rubber Industry During the Twenty-
Five Years of Soviet Power, by N. J. Smirnov.
RUSSIAN, per, Zhur Prik Khim, Vol XV, No 6,
1942, pp 373-379. DSIR NLL M.1600

Development of Methods of Plastics Production
in USSR, by S. N. Ushakov.
RUSSIAN, per, Zhur Prik Khim, Vol XV, No 6,
1942, pp 380-395. DSIR NLL M.1598

New Reforms -- Old Goals in the USSR, by
Adolf Leckzyck, 13 pp.
GERMAN, per, Oesterreichische Ost-Hefte,
Vol III, No 3, May 1961, pp 191-201. JPRS 8908

USSR
Political

Selected Articles From the Russian
Periodical Kommunist.

No 9, 1961.

JPRS 10233

From Dreams to Reality, by Yu. Arbatov,
14 pp, (pp 9-19).

General Questions in the History of Soviet
Historiography, by M. Nechkina,
Yu. Polyakov, L. Cherepnin, 15 pp,
(pp 58-70).

Decisively Struggle Against Eyewash and
Deceit, 8 pp, (pp 71-76).

The Development of World Socialism and the
New Stage in International Relations, by
N. Inozemtsev, 16 pp, (pp 93-105).

Against Modern Anti-Marxism, by
K. Orlova, A. Pavlov, 7 pp, (pp 116-120).

No 14, Sep 1961 (SF 1875).

*JPRS

The Building of Communism and the Welfare
of the People, by B. Sukharevskiy,
(pp 14-26)

From the First Program of the Party - To
the Current One, by V. Stepanov, (pp 27-36)

The Greatest Force of Modern Times, by
V. Korionov, (pp 37-47)

The Historical Mission of the Dictatorship
of the Proletariat, by A. Butenko, (pp 48-59)

A Clear Perspective of the Transfer of the
Village to Communism, by V Yefimov,
(pp 82-83).

To Bring an End to the Occupation Regime,
by N. Sidorov, (pp 157-161)

Confession of a Generation, by B. Grushin,
V Chikin, 23 pp.
RUSSIAN, np, Komsomol Pravda, 21 Jul 1961.

JPRS 10226

USSR
Military

Military Radiomen (USSR), 5 pp.
RUSSIAN, np, Ilyustrirovannaya Gazeta,
No 8, (441), Apr 1958, p 5.

USASIA: SC-1/60

Those That Guard the Sky. Report From a
Rocket Range.
RUSSIAN, np, Komosomol'skaya Pravda,
Sep 23, 1961, pp 1.

*FTD-TT-61-148

The Soviet Chemical Warfare.
JAPANESE, rpt, GSDF Staff School Journal,
Jun 1961, Encl No 1 to OARMA, Japan,
R-362-61, pp 106 (or 107)

*319th MIGp
H-9882
ID 2174256

USSR
Geographic

Geology of the Northern Aral Region
Stratigraphy and History of the Geological
Development, by A. L. Yanshin, 441 pp.
RUSSIAN, bk, Geologiya Severnogo
Priaral'ya, Stratigrafiya i Istoriya
Geologicheskogo Razvitiya, 1953, pp 3-179,
735-736.

JPRS 10211

The Geography of the Inland Waters of USSR
A Review of Rivers and Lakes, by
L. L. Rossolimo, 36 pp.
RUSSIAN, bk, Ocherki po Geografii Vnutrennikh
Vod Reki i Ozero, pp 127-177; 283-285.

ACSI H-9310
ID 2170455

Western Siberia (Outline of Economic Geography)
by M. I. Pomus, 241 pp.
RUSSIAN, bk, Zapadnaya Sibir, pp 52-59,
91-98.

ACSI H-9311
ID 2179456

Selected Articles From the Russian Book Zapiski
Orenburgskago Otdela Imperatorskago Russkago
Geograficheskago Obshchestva.

*ACIC

Vol II, 1871, pp 259-268, 269-280
Records of the Orenburg Branch of the Imperial
Russian Geographic Society, by A. A. Tillo.

Vol IV, 1881, pp 26-28.
Records of the Orenburg Branch of the
Imperial Russian Geographic Society, by
A. Bonsdorf.

Physical Geography, by A. A. Makunina,
N. I. Mikhaylov, Yu. P. Parmuzin,
A. I. Solov'yev, 124 pp. (Abstracts).
RUSSIAN, bk, Fizicheskaya Geografiya, 1960.
(Call No GB239, S5, M23, E Tr)

AMS

Physiographic Provinces, by N. I. Mikhaylov,
47 pp. (Abstracts).
RUSSIAN, bk, Fiziko-Geograficheskii Ocherk,
1956. (CALL No GB239, M5 M63, 1956, E Tr)

AMS

The Transformation of the Caspian Sea, by
S. N. Bobrov, 12 pp.
RUSSIAN, per, Geograf v Shkole, No 2, 1961,
pp 5-15.

Amer Geog Soc
Soviet Geog
Vol II, No 7

USSR
Geographic (Contd)

Gravimetric Survey From the Western Border of the USSR to Vladivostok, by P. Gorshkov. RUSSIAN, per, Iz Gosudarstvennogo Geograf Obshch, Vol LXIII, No 5-6, 1931, pp 379-401.

*ACIC

An Approach to Integrated Physical-Geographic Description of an Area, by Yu. K. Yefremov, 5 pp. RUSSIAN, per, Iz Vses Geograf Obshch, No 6, 1960, pp 512-514.

Amer Geog Soc
Soviet Geog
Vol II, No 7

Lakes of the West Siberia Lowland, by Prof G. D. Rikhter, 6 pp. RUSSIAN, per, Priroda, 1957, pp 95-98. (Call No EIF 374784, E Tr)

AMS

Changes in the Elevation of Precise Leveling Markers and Bench Marks in the City of Saratov, by A. D. Solov'yer. RUSSIAN, per, Sbornik Statey po Geodezii Glavnoye Upravleniye Geodezii i Kartografii Pri MVO SSSR, Vol IV, 1953, pp 43-55.

*ACIC

The Cartography of the Altay Okrug, by V. I. Pletner. RUSSIAN, per, Trudy Geol Chasti, Kabineta ego Imperatorskago Veichestva Sankpeterburg, 1896, pp 105-144.

*ACIC

Selected Articles From the Russian Periodical Vest Mosk Univ, Ser Geograf, No 1, 1961.

Amer Geog Soc
Soviet Geog
Vol II, No 7

The International Geographical Congress (Stockholm), by K. A. Salishchev, 5 pp, (pp 3-12).

Economic Geography at the 1960 International Geographical Congress, by Yu. G. Saushkin, 8 pp, (pp 13-20).

USSR

Sociological

Textbook For Teacher Training (Normal)
Schools, by M. Ya. Pavlov.
RUSSIAN, bk, Geografiya SSSR, 3d Ed,
1954, pp 3-254.

*ACSI H-9037
ID 2166438

Islam and Its Reactionary Nature, by
D. A. Patrushev, 31 pp.
RUSSIAN, bk, Islam, No 34, Series II,
1960, pp 3-30.

JPRS 4990

Among the Kazakh Atheists, by V. Akshinskiy,
8 pp.
RUSSIAN, per, Agitator, No 13, 1961, pp 49-52.

JPRS 4994

Islam and the Harm It Does, by A. Artykov,
(SF-1876).
RUSSIAN, per, Agitator, No 18, Sep 1961,
pp 42-45.

*JPRS

Draft Program of Education in the Kinder-
garten, by A. P. Usova, 6 pp.
RUSSIAN, per, Doshkol'noye Vospitaniya,
No 4, 1961.

Interntl Arts & Sci Press
Soviet Education
Vol III, No 10

On the Work Routine in Industrial Training of
School Children Undergraduates, by
R. G. Sapozhnikova, N. M. Popova, Ye. I.
Korenevskaya, 9 pp.
RUSSIAN, per, Gig i San, No 5, 1961,
pp 28-33.

JPRS 10070

The Problem of the Influence of Work Connected
With the Frequent Carrying of Light Loads
Upon the Health of Women, by P. I. Bastina,
L. N. Gratsianskaya, G. F. Krasinskaya, et al,
10 pp.
RUSSIAN, per, Gig i San, No 6, 1961, pp 33-38.

JPRS 10077

Book Review: Topics of Scientific Research
Works in Siberia and the Far East, 1959-1965,
Social Sciences, by V. D. Kudryatsev, 8 pp.
RUSSIAN, per, Iz Sibirskogo Otdel Ak Nauk
SSSR, No 6, 1960, pp 124-126.

JPRS 10060

How We Organize Scientific- Atheistic
Propaganda, by S. Ivanov, (SF-1876).
RUSSIAN, per, Kommunist Moldavii, No 7,
1961, pp 52-57.

*JPRS

USSR
Sociological (Contd)

The Overcoming of Remnants of the Past in the Period of the Building of Communism, by K. Sabirov, (SF-1876).
RUSSIAN, np, Kommunist Tadzhikistana, 19 Sep 1961, p 2.

*JPRS

Stepping Up the Pace of Development of the Eight-Year Schools, by L. Smirnov, 4 pp.
RUSSIAN, per, Narodnoye Obrazovaniye, No 9, 1960.

Interntl Arts & Sci Press
Soviet Education
Vol III, No 10

Organizational Problems in Universal Compulsory Education, by I. Kudinov, 7 pp.
RUSSIAN, per, Narodnoye Obrazovaniye, No 4, 1961.

See Above

The All-Russian Scientific-Theoretical Conference on Vestiges of the Religion of Islam and Ways To Overcome Them, by A. A. Abilov, S. M. Gadzhiyev, (SF-1876).
RUSSIAN, per, Nauch Dok Vysshey Shkoly Filosofskiy Nauki, No 3, Jul/Sep 1961, pp 183-186.

*JPRS

Selected Articles From the Russian Periodical Nauka i Religiya, 1961.

No 7.
Notes From a Travel Notebook, by A. Avtandilyan, 7 pp, (pp 26-31).

JPRS 4995

Where the Church Once Ruled, by I. Mikulovich, 5 pp, (pp 82-84).

No 9, (SF-1876).
Program of the Atheistic Society (pp 3-5).

*JPRS

"Cosmic" Emotions of the Vatican (p 9).

The School Cannot Be Neutral, (pp 10-14).

Crusader of the Twentieth Century, by Yu. Senin, (pp 40-43).

USSR
Sociological (Contd)

Selected Articles From the Russian
Periodical Nauka i Religiya, 1961. (Contd)

No 9, (SF-1876).
Pious Swindlers, by S. Rukhovich, (p 44).

*JPRS

The Sacred Cause of Educators, by
K. Kindrat, S. Martsenyuk, (pp 56-58).

Freedom on Conscience and the Law, by
Z. Zhdanov, V. Ozerov, (pp 72-75).

A Sound Mind In a Strong Body; by
A. Il'in, (pp 84-85).

No 10, (SF-1876).
The Communist Party and the Atheistic
Training of the Workers, (pp 3-10).

*JPRS

Christianity and Communism, by V. Tancher,
(pp 28-33).

The Shadow of Suleyman Mountain, by
Yu. Petrash, (pp 42-45).

In the Service of American Monopolies,
by V. Pavlov, (pp 48-51).

Soviet Legislation on Cults, by
A. Valentinov, (pp 89-92).

Features of Character Building Work in
Classes Receiving Production Training,
by O. I. Ruta, 4 pp.
RUSSIAN, per, Shkola i Proizvodstvo, No 4,
1961.

Interntl Arts & Sci Press
Soviet Education
Vol III, No 10

Conference on Problems of Acclimatization
and Nutrition of the People of the Far North,
by Z. P. Sokolova, 9 pp.
RUSSIAN, per, Sovet Etnografiya, No 2, Mar/
Apr 1961, pp 122, 123.

JPRS 10055

USSR
Sociological (Contd)

Selected Articles From the Russian
Periodical Sovet Pedagogika.

Interntl Arts & Sci Press
Soviet Education
Vol III, No 10

No 8, 1960.
Drawing Teachers into Scientific Work in
Pedagogy, by I. A. Fursenko, 3 pp.

No 1, 1961.
Practice Teaching in the Elementary School
for Second-Year Pedagogical Students, by
A. P. Babushkin, 7 pp.

No 4, 1961.
The Content of Practice Teaching in the
First Three Years of Study and How to
Guide It, by Yu. L. Kastorskiy, 6 pp.

Concerning the 1961 Research Plan for the
Academy of Pedagogical Sciences of the
RSFSR, by N. K. Goncharov, 8 pp.

Thirty Years of Work According to the
Program "Ready for Work and Defense of the
USSR," by Ye. I. Valuyev, 11 pp.

RUSSIAN, per, Teoriya i Praktika Fiz
Kul'tury, Vol XXIV, No 4, 1961, pp 246-249.

JPRS 10062

All-Union Scientific Conference of
Theraputists, 13 pp.
RUSSIAN, per, Terap Arkhiy Vol XXXIII,
No 2, 1961, pp 119-125.

ACSI H-9572
ID 2170485

Important Problems of Hygiene and Practice of
Sanitization of Kolkhoz Villages, by
Z. K. Mogilevchik, 16 pp.
RUSSIAN, per, Vest Ak Med Nauk SSSR, No 7,
1961, pp 20-30.

JPRS 10246

The Influence of Chronic Diseases on the
Physical Development of Children and Health
Measures in Schools, by F. M. Turovskaya,
A. A. Minkh, 9 pp.
RUSSIAN, per, Vest Ak Med Nauk SSSR, No 7,
1961, pp 50-55.

JPRS 10247

USSR
Sociological (Contd)

Selected Articles From the Russian
Periodical Voprosy Filosofii.

No 3, 1950.
On the Subject Matter of Formal Logic,
by M. S. Strogovich, (pp 309-317).

DSIR NLL M.1032

No 7, 1961, (SF-1876).
The Bases of Scientific Atheism in the
Technical School, by V. S. Ovchinnikov,
(pp 141-144).

*JPRS

Concerning the Conservatism of Religious
Traditions, by A. D. Sukhov, (pp 144-150).

Psychological Problems in the Combination of
School Learning and Productive Work, by
G. S. Kostiyuk, 13 pp.
RUSSIAN, per, Voprosy Psikholog, No 6, 1960.

Interntl Arts & Sci Press
Soviet Education
Vol III, No 10

Notes on Young Poetry, by L. Anninskiy,
(DC-6369).
RUSSIAN, per, Znanya, No 9, 1961,
pp 197-212.

*JPRS

Social Problems of Soviet Education, by
Oskar Anweiler, (DC-6346).
GERMAN, np, Aus Politik und Zeitgeschichte,
20 Sep 1961, pp 545-552.

*JPRS

The Relationship of the Russian-Orthodox
Church to the Economic Motive and to the World
Council of Churches, by Robert Stupperich,
(SF-2021).
GERMAN, per, Ost Europa, No 7/8, 1961,
pp 545-550.

*JPRS

Moscovites Meet Yuri Gagarin, 4 pp.
MONGOLIAN, np, Unen, 15 Apr 1961, pp 1-2.

JPRS 8861

USSR

Biographic

Decisions of the Higher Certification
Commission on Scientific Ranks and
Titles, 38 pp.

RUSSIAN, per, Byul Ministerstva Vysshego i
Srednego Spetsial'nogo Obrazovaniya SSSR, No 1,
1961, pp 17-32.

JPRS 10253

Biography of Cosmonaut Titov (Original
Title: "Son of the Earth"), by N. Mel'nikov,
N. Kotysh, (DC-6353).

RUSSIAN, np, Krasnaya Zvezda, Aug/Sep 1961.

*JPRS

Onisim Yul'yevich Magidson, 3 pp.

RUSSIAN, per, Medit Prom, Vol XV, No 3,
1961, pp 3-5.

JPRS 4934

Aleksandr I'vovich Markman, 4 pp.

RUSSIAN, per, Uzbekskiy Khim Zhur, No 2,
1961, pp 73-75.

JPRS 4934

Yaroslav Geyrovskiy, by R. Kal'vod, 4 pp.

RUSSIAN, per, Zavod Lab, Vol XXVII, No 2,
1961, pp 243-245.

JPRS 4934

Anatoliy Fedorovich Kapustinskiy, by

K. B. Yatsimirskiy, 5 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol VI,
No 3, 1961, pp 513-517.

JPRS 4934

EASTERN EUROPE

Economic

Statistics on Agricultural Production,
by Nikola T. Naumov, 9 pp.
BULGARIAN, bk, Selskostopanska Statistika,
Chap V, 1959, pp 98-108.

JPRS 8979

Tasks of the Bulgarian National Bank for
1961, by Kiril Nestorov, 13 pp.
BULGARIAN, per, Finansi i Kredit, Vol XII,
No 2, Mar 1961, pp 3-13.

JPRS 10094

Fulfillment and Overfulfillment of the State
Revenue Plan for 1961, by Yanko Yanev,
14 pp.
BULGARIAN, per, Finansi i Kredit, Vol XII,
No 2, 1961, pp 13-22.

JPRS 10094

The Problem of Financing Enterprises for
Material-Technical Supply, by Paycho
D. Minev, 5 pp.
BULGARIAN, per, Finansi i Kredit, Vol XII,
No 2, 1961, pp 30-33.

JPRS 10094

The Timber Stands in 1962, by Nikola Kolev,
4 pp.
BULGARIAN, per, Gorsko Stopanstvo,
Vol XVII, No 5, 1961, pp 10-12.

JPRS 9975

The Timber Production Plan Must Be Cor-
rectly Fulfilled, by Ivan Kolev, 4 pp.
BULGARIAN, per, Gorsko Stopanstvo,
Vol XVII, No 5, 1961, pp 13-15.

JPRS 9975

Vegetable Production, 5 pp.
BULGARIAN, per, Gradinarstvo, Vol III,
No 4, 1961, pp 1-3.

JPRS 10122

Electric Power Expansion, by Totyu
T. Totev, 19 pp.
BULGARIAN, per, Investiya no Visshiya
Finansovo-Stopanski Institut Svishtov,
No 3, Aug 1960, pp 348-364.

JPRS 8829

Television in Bulgaria, by Angel Nikov,
5 pp.
BULGARIAN, per, Nauka i Tekhnika za
Mazedzhta, No 6, 1958, pp 9-10.

USASIA: SC-225a/60

Eastern Europe
Economic (Contd)

Maximum Use of Mechanization in Construction, by Al. Chichovski, 7 pp.
BULGARIAN, np, Otechestven Front,
11 Feb 1961, p 2.

JPRS 10102

Territorial Distribution of Industrial Manpower, by Mikhail Enev, 13 pp.
BULGARIAN, per, Trud i Tseni, No 9,
1960, pp 9-21.

JPRS 8895

The Role of Taxes and Prices Under Socialism, by Dinko Toshev, 12 pp.
BULGARIAN, per, Trud i Tseni, No 9,
1960, pp 36-47.

JPRS 8895

The Application of New Rate Schedules in the Sofstroy Construction-and-Installation Administration, by Boris Stoyanov, 9 pp.
BULGARIAN, per, Trud i Tseni, No 9, 1960,
pp 56-62.

JPRS 8895

Hothouse Production of Vegetables for Export, by Stoyan Ayranof, 5 pp.
BULGARIAN, per, Vunshna Turgoviya,
Vol IX, No 3, 1961, pp 12-14.

JPRS 4947

The Necessity for More Thorough Research on International Markets and Prices, by Emil Bahchevanof, 4 pp.
BULGARIAN, per, Vunshna Turgoviya, Vol IX,
No 3, 1961, pp 15-17.

JPRS 4947

The Export of Electric Trucks, by Vili Brozig, 5 pp.
BULGARIAN, per, Vunshna Turgoviya, No 7,
1961, pp 6-8.

JPRS 10274

Additional Sources of Handicraft Articles for Export, by Dimitur Kostov, 4 pp.
BULGARIAN, per, Vunshna Turgoviya, No 7,
1961, pp 14-15.

JPRS 10274

Socialist Elements in the Economic Development of Underdeveloped Countries -- A Yugoslav View, by Janez Stanovnik, 40 pp.
CROATIAN, bk, Socijalisticki Elementi u Ekonomskom Razvoju Nerazvijenih Zemalja,
1960.

JPRS 10274

Eastern Europe
Economic (Contd)

Concerning the Methods of Projecting
Economic Development, by Jakov
Sirotkovic, 24 pp.
CROATIAN, per, Ekonomski Pregled,
Vol XII, No 4/5, 1961, pp 359-373.

JPRS 10118

The Use of Plastics in Building Construc-
tion, by Jernej Jeleric, 15 pp.
CROATIAN, per, Gradevinar, Vol XIII,
No 2, 1961, pp 43-48.

JPRS 10102

The Organization of Economic Enterprises,
by H. B., 18 pp.
CROATIAN, per, Jugoslovenski Pregled,
No 2, 1961, pp 49-54.

JPRS 8829

The Economy in 1960, by S. R., D. C.,
25 pp.
CROATIAN, per, Jugoslovenski Pregled,
No 2, 1961, pp 59-65.

JPRS 8829

The Monetary Revenues and Expenditures
of Economic Organizations, by M.P.,
11 pp.
CROATIAN, per, Jugoslovenski Pregled, No 2,
1961, pp 70-72.

JPRS 8829

Dependence Upon More Developed Partners,
by Ljuisa S. Adamovic, 5 pp.
CROATIAN, per, Nasa Stvarnost, No 4,
1961, pp 481-485.

JPRS 4966

Further Development of the Economic
System, by Djordje Milic, 13 pp.
CROATIAN, per, Nova Administracija,
Vol IX, No 2, 1961, pp 105-114.

JPRS 8945

Changes in the Field of Internal Appor-
tionment in Economic Organizations, by
Teodor Tomic, 6 pp.
CROATIAN, per, Nova Administracija,
Vol IX, No 2, 1961, pp 120-132.

JPRS 8945

The New System of Foreign Trade and Ex-
change, by Dragan Lisicar, 8 pp.
CROATIAN, per, Nova Administracija,
Vol IX, No 2, 1961, pp 166-170.

JPRS 8945

Eastern Europe
Economic (Contd)

Price Movements in Artisan Services,
by R. Lisicic, 6 pp.
CROATIAN, per, Nova Trgovina, No 6,
1961, pp 351, 352.

JPRS 10092

Decree on the Establishment of a Section
for the Construction of Directional Radio-
Telephone-Telegraph Ultrashort Wave Com-
munications on the Belgrade-NIS-Skopje
Relay Link, 3 pp.
CROATIAN, per, PTT Vestnik, No 22/23,
16 Nov/1 Dec 1959, pp 255, 256.

USASIA: SC-257a/60

Decree on the Establishment of a Section
for the Construction of Directional
Radio-Telephone-Telegraph Ultrashort
Wave Communications on the Zagreb-
Ljubljana-Rijeka-Split Link, 3 pp.
CROATIAN, per, PTT Vestnik, No 22/23,
16 Nov/1 Dec 1959, pp 256, 257.

USASIA: SC-257b/60

Decree on the Establishment of a Sec-
tion for the Installation and Assembly
of a Coaxial System on the Belgrade-Zagreb
and Belgrade-Novı Sad Links, 3 pp.
CROATIAN, per, PTT Vestnik, No 22/23,
16 Nov/1 Dec 1959, pp 257, 258.

USASIA: SC-257c/60

Selected Articles From the Croatian
Periodical Savremeni Saobracaj,
29 Feb 1960.

JPRS 9962

Automobile Industry and the Develop-
ment of Motor Vehicle Use in Yugo-
slavia, by Nikola Oka, 57 pp,
(pp 57-69).

The Merchant Marine in the Modern-
ization of Yugoslav Transportation,
by Mihajlo Matijas, 33 pp, (pp 70-77).

The Modernization of Air Transporta-
tion, by Dobrivoje Mandic, Branislav
Krstic, Velizar Andjelkovic, 56 pp,
(pp 78-100).

Eastern Europe
Economic (Contd)

Selected Articles From the Croatian
Periodical Savremeni Saobracaj,
29 Feb 1960. (Contd)

JPRS 9962

Use of Electric Power on Yugoslav
Railroads, by Cedomil Cavlina,
13 pp, (pp 134-142).

The Modernization of the Yugoslav Rail-
ways by Means of Diesel Locomotives, by
Dimitrije Dimitrijevic, 6 pp, (pp 153,
154-155, 158).

Modernization of Yugoslav Highways, by
Miroslav Markovic, Iliya Micic, 36 pp,
(pp 228-236).

Yugoslav Airfields, by Dobrivoje Mandic,
Velizar Andjelkovic, 19 pp, (pp 254-259).

Automatic Telephone Exchange "Iskra 58",
by Milos Ajdacic, 32 pp.
CROATIAN, per, Telekomunikacije, No 2,
1961, pp 8-17.

JPRS 10117

Automatic Telephone Exchange With Coordinated
Selectors, ACK-K 120/16, by Djuro
Kovacevic, 27 pp.
CROATIAN, per, Telekomunikacije, No 2,
1961, pp 20-26.

JPRS 10117

The Effect of the New System of Income
Distribution, by Trajko Kotevski, 15 pp.
CROATIAN, per, Zeleznic, Vol XVII,
May/June 1961, pp 12-18.

JPRS 8979

Selected Articles From the Czech
Book Sbornik Vyskoke Skoly Zemedelske
v Praze, 1958.

JPRS 8955

Problems of Agricultural Production
in Regional Planning, by Jan Stevko,
19 pp, (pp 263-276).

Method of Unifying Agricultural Co-
operative Production Branches, by
K. Burianova, 29 pp, (pp 297-298).

Eastern Europe
Economic (Contd)

The KNK 6 Telephone System Under Test,
5 pp.
CZECH, per, Ceskoslovenske Spoje, Vol VI,
No 2, 1961, p 8.

JPRS 10117

The Expansion of Our Telephone System
in the Future, by Jaroslav Jirounek, 16 pp.
CZECH, per, Ceskoslovenske Spoje, Vol VI,
No 2, 1961, pp 9-11.

JPRS 10117

The Ostrava Television Transmitter, 9 pp.
CZECH, per, Ceskoslovenske Spoje, Vol VI,
No 2, 1961, pp 12, 13.

JPRS 10117

Foreign Relations of the Czechoslovak Com-
munications Administration During the Sec-
ond Half of 1960, 4 pp.
CZECH, per, Ceskoslovenske Spoje, Vol VI,
No 2, 1961, p 28.

JPRS 10117

"The Miner" Tells About a Significant All-
State Meeting, 4 pp.
CZECH, np, Ceskoslovensky Hornik,
17 Nov 1960, p 2.

JPRS 4874

Coordination Centers of Motor-Vehicle Trans-
portation, by Jindrich Bernauer, 4 pp.
CZECH, per, Doprava, No 3, 1961, pp 84, 85.

JPRS 10184

A Contribution to the Studies of the
Growth of Czechoslovak Sea Shipping, by
Albert Dutka, 7 pp.
CZECH, per, Doprava, No 3, 1961, pp 96, 97.

JPRS 10184

Problems of a Unified Financial System in
Czechoslovakia, by Julius Branik, 12 pp.
CZECH, per, Finance a Uver, No 12, 1960,
pp 707-714.

JPRS 10183

Into the Third Five-Year Plan, 10 pp.
CZECH, per, Finance a Uver, No 1, 1961,
pp 1-8.

JPRS 10183

Function of the State Bank in the Third
Five-Year Plan, by Svatopluk Potac,
18 pp.
CZECH, per, Finance a Uver, No 2, 1961,
pp 70-80.

JPRS 10183

Eastern Europe
Economic (Contd)

Cooperation of the Socialist Countries
in Agriculture, by Julius Liptak, (DC-6365).
CZECH, per, Nova Mysl, No 10, 1961,
pp 1202-1210.

*JPRS

Working Plan of Transport Commissions of
National Committees, by Frantisek Such,
6 pp.
CZECH, per, Silnicni Doprava, Vol IX, No 2,
1961, pp 8, 9.

JPRS 10184

The Third Session of the Commission on
Motor Traffic and Highways, by Aldo Geist,
7 pp.
CZECH, per, Silnicni Doprava, Vol IX, No 5,
1961, pp 8, 9.

JPRS 10184

Socialist Competitions of Transport and
Communications Personnel, 4 pp.
CZECH, per, Smernice, 1960, pp 5, 6.

JPRS 10092

Recreation Program of the Revolutionary
Trade Union Movement for 1961, 12 pp.
CZECH, per, Tarifni Vestnik, Vol XVII,
No 13, 4 Apr 1961, pp 81-85.

JPRS 10184

Development of the Locomotive Park During
the Third Five-Year Plan, by F. Roztocil,
4 pp.
CZECH, per, Zeleznicar, No 11, 1960,
p 284, 285.

JPRS 10102

Technical Development of Transportation
in the Third Five-Year Plan, by A. Karger,
6 pp.
CZECH, per, Zeleznicar, No 12, 1960,
pp 312, 313.

JPRS 10102

The Socialist Management of Industry in
East Germany, by Johannes Thamm, (SF-1855).
GERMAN, bk, Die Sozialistische Leitung
der Industrie in der Deutschen Demokrati-
schen Republik, 1961, pp 131-199.

*JPRS

Eastern Europe
Economic (Contd)

East German Railroad Teletype Regulation, 181 pp.

GERMAN, rpt, Vorschrift fuer den Reichsbahn-Fernschreibdienst, Effective Date 1 July 1957, Berlin, pp 1-166.

USASIA: SC-62/60

Common Tasks of the Chemical and Mechanical Engineering Industries, by Walter Singer, 8 pp.

GERMAN, per, Chemische Technik, No 10, 1960, pp 561-564.

JPRS 4952

Mechanical Engineering as the Leading Force in the Development of Chemical Equipment, by Heinz Jechorek, 4 pp.

GERMAN, per, Chemische Technik, No 10, 1960, pp 565-566.

JPRS 4952

Prospects of Our Directional Broadcast Technology, by H. Liebern timer, 6 pp.

GERMAN, per, Die Deutsche Post, Vol VI, No 6, 1961, pp 184, 185.

JPRS 10102

Developmental Work in the Field of Electroplating, by Burkhardt, 5 pp.

GERMAN, per, Elektrie, Vol XV, No 3, 1961, pp 69-70.

JPRS 8945

Problems Relative to Supplying the Population and the Retail Trade Turnover, by Wolfgang Heinrichs, 27 pp.

GERMAN, per, Der Handel, Vol XI, No 4/5, Apr 1961, pp 148-152, 197-202.

JPRS 10102

Modernization of Railroad Operations in Socialist Countries, 12 pp.

GERMAN, per, Markt Informationen fuer den Aussenhandel, Vol V, No 25, 24 Jun 1961, pp 1, 6, 7.

JPRS 10029

Standardization in the Field of Semiconductor Technology in the GDR, by T. Jaszcz, 5 pp.

GERMAN, per, Radio und Fernsehen, Vol X, No 14, 1961, pp 427-428.

JPRS 4952

Eastern Europe
Economic (Contd)

Selected Articles From the German
Periodical Schiffbautechnik.

JPRS 8955

Vol X, No 12, 1960.
New Methods of Socialist Technical
Collective Labor in Shipbuilding,
by W. Mohr, 3 pp, (p 593).

The Icebreaker "Krassin", by P. Droescher,
W. Oestreich, K. Fieseler, 34 pp,
(pp 594-607, 642-647).

Measuring Labor Productivity in Ship-
yards, by H. P. Wolff, M. Sturm,
9 pp, (pp 611-613).

Vol XI, No 2, 1961.
Shipbuilding at the Leipzig Fair,
1961, by K. H. Goldbeck, 4 pp,
(pp 57-58).

Planning and Management of High-Seas
Shipping, by P. Lueckert, H. Rentner,
5 pp.

GERMAN, per, Seeverkehr, Vol I, No 6,
1961, pp 12-14.

JPRS 10029

On the Methodology of the 1962 "New
Technology" Plan, by Herbert Emmerich,
11 pp.

GERMAN, per, Sozialistische Planwirt-
schaft, Vol II, No 7, 1961, pp 19-23.

JPRS 4988

Method of Operation of the VVB Construc-
tion Equipment for Heavy Industry, by
Karl Gruenheid, 7 pp.

GERMAN, per, Sozialistische Planwirt-
schaft, Vol III, 1961, pp 22-26.

JPRS 4988

Shipbuilding in the German Democratic
Republic, by Goldbeck, 4 pp.

GERMAN, per, Die Technik, Vol XVI, No 3,
1961, pp 267-269.

JPRS 4948

Eastern Europe
Economic (Contd)

Coordination in Maritime Shipping,
by Wassmann, Bunge, 5 pp.
GERMAN, np, Die Wirtschaft, No 27,
5 Jul 1961, p 8.

JPRS 10029

Economic Cooperation Among the Social-
ist Countries, by Laszlo Hay, 13 pp.
GERMAN, per, Wirtschaftswissenschaft,
No 18, 1961, pp 834-847.

JPRS 4966

The Production and Structure of Industry
(1949-1959), 340 pp.
HUNGARIAN, bk, Statistikai Idoszaki Koz-
lemenyek, Vol XXXVII, 1960, 105 pp.

JPRS 8877

Increasing Technological Organization
and Discipline in the Hungarian Machine
Industry, by Geza Lang, 4 pp.
HUNGARIAN, per, Gepgyartas Technologia,
Vol I, No 3, 1961, pp 93-95.

JPRS 4952

Problems of the Power Supply of the
Building Materials Industry, by Ferenc
Nemeth, 9 pp.
HUNGARIAN, per, Ipari Energiagazdalkodas,
Vol II, No 6, 1961, pp 131-134.

JPRS 4974

The Present and Future Development of
Regional Planning, by Laszlo Koszegi,
35 pp.
HUNGARIAN, per, Kozgazdasagi Szemle,
Vol VIII, No 6, 1961, pp 666-683.

JPRS 10118

Partial Economic Balances and Their Com-
bined Use, by Gyorgy Simon, Gyorgy Kondor,
46 pp.
HUNGARIAN, per, Kozgazdasagi Szemle, Vol VIII,
No 6, 1961, pp 684-701.

JPRS 10118

A Hungarian View on the Formation of
Economic Blocs in Western Europe, by
Andras Raba, 7 pp.
HUNGARIAN, per, Kulkereskedelem,
Vol V, No 5, 1961, pp 1-3.

JPRS 10274

Eastern Europe
Economic (Contd)

Selected Articles From the Hungarian
Newspaper Muszaki Elet, No 4,
16 Feb 1961.

JPRS 8945

What Must Be Done in the Interest
of Standardization?, 3 pp, (p 3).

What Means Have Been Taken To
Solve Problems of Instrumentation?,
by Egon Kasper, 3 pp, (p 4).

Practical Observations of Progress
Stemming From the Technical Develop-
mental Base, by Vilmos Falubiro, 4 pp,
(p 5).

Production of Stamping and Casting Dies
by Metal Spraying, by Gy. S., 3 pp,
(p 6).

The Equalization of the Economic Levels
of the Socialist Countries and the De-
velopment of Hungary, 11 pp.
HUNGARIAN, per, Tarsadalmi Szemle,
Vol XVI, No 7, 1961, pp 1-18.

JPRS 4966

Present Condition and Planned Development
of the Hungarian Machine-Tool Industry,
by Lajos Simonyi, 4 pp.
HUNGARIAN, per, Ujito Lapja, Vol XIII,
No 11, 1961, pp 5-6.

JPRS 4948

The Five-Year Plan of Our Cement Industry,
by Jerzy Bolkowski, 9 pp.
POLISH, per, Cement Wapno Gips,
Vol XVI/ XXVI, No 5, 1961, pp 121-125.

JPRS 4961

The Price Problem Under the New Industrial
Management System in Czechoslovakia,
by Wladyslaw Sztyber, 5 pp.
POLISH, per, Ekonomista, No 2, 1961,
pp 464-467.

JPRS 10183

Technical Progress in Forestry, 31 pp.
POLISH, per, Las Polski, Vol XXXV,
No 6, pp 1-5; No 7, pp 5-11; No 8,
pp 12-16, Mar 1961.

JPRS 10197

Eastern Europe
Economic (Contd)

Increasing the Increment and Mass of
Deficit Timber, by Jozef Borek, 6 pp.
POLISH, per, Las Polska, Vol XXXV,
No 8, 1961, pp 12-14.

JPRS 10197

The Problem of Popularizing Improvement
Ideas, by Wacław Fiszer, 5 pp.
POLISH, per, Las Polski, Vol XXXV, No 8,
Apr 1961, pp 14-16.

JPRS 10197

Mechanized Husbandry in Eroded Territory,
by Janusz Haman, 3 pp.
POLISH, per, Mechanizacja Rolnictwa,
Vol II, No 7, 1955, pp 15-16. 9081624

OTS 60-21537
PL 480

Resolution of the Parliament of the
Polish People's Republic of 22 December
1960 on the National Economic Plan for
1961, 106 pp.
POLISH, per, Monitor Polski, No 97,
31 Dec 1960, pp 829-871.

JPRS 8915

Development of Raw Materials Base for
Power Industry, by Jan Mitrega, 7 pp.
POLISH, per, Nafta, Vol XVII, No 3,
1961, pp 61-65.

JPRS 8979

Use of Natural Gas for Fuel and Chemical
Purposes, by Janusz Girzejowski, 5 pp.
POLISH, per, Nafta, Vol XVII, No 3,
1961, pp 72-74.

JPRS 8979

Economic Briefs, 4 pp.
POLISH, per, Nafta, Vol XVII, No 3,
1961, pp 83, 84.

JPRS 8979

Poland: Science To Be Closely Integrated
With the National Economy During Period
1961-1965, by Adam Wang, 19 pp.
POLISH, per, Nauka Polska, Vol VIII,
No 4, Oct/Dec 1960, pp 48-64.

JPRS 10153

Eastern Europe
Economic (Contd)

Selected Articles From the Polish
Periodical Nowe Drogi, Vol XV,
No 7, 1961.

Role of the People's Councils in
the Development of Agriculture, by
Mieczyslaw Jagielski, 20 pp,
(pp 3-16).

JPRS 10093

The Food Industry and the Development
of Agriculture, by Stanislaw Lindberg,
16 pp, (pp 17-28).

JPRS 10093

Inventories -- An Everyday Problem,
by Leopold Gluck, 15 pp, (pp 52-61).

JPRS 10196

Costs of Production (Certain Problems
and Facts), by Bronislaw Minc, 13 pp,
(pp 99-107).

JPRS 10196

The Study of Soil Resistance to Flowing,
by Janusz Haman, 4 pp.

POLISH, per, Postepy Nauk Rolniczych,
Vol III (8), No 2, 1956, pp 73-76.

9081627

OTS 60-21538

PL 480

Steel Conservation in the Metallurgical
Industry, by Piotr Moroz, 6 pp.

POLISH, per, Przegląd Techniczny, No 9,
1 Mar 1961, pp 3, 4.

JPRS 8945

Increased Production of Drilling Equip-
ment, by Jozef Werynski, 4 pp.

POLISH, per, Przegląd Techniczny, No 9,
1 Mar 1961, pp 6, 7.

JPRS 8945

Resolution No 58/61 of the Council of
Ministers of 9 Feb 1961. Concerning Im-
proved Cooperation Among Government
Agencies, the Central Technical Organiza-
tion, and Technical Associations Affiliated
With It, 7 pp.

POLISH, per, Przegląd Techniczny, No 9,
1 Mar 1961, p 10.

JPRS 8945

Eastern Europe
Economic (Contd)

On the Components of Meat Flavor, by
N. Barylko-Pikielna, 9 pp.
POLISH, per, Przemysl Spozywczy, Vol XI,
No 1, 1957, pp 26-30. 9081620

OTS 60-21510
PL 480

Development of Food Concentrates Indus-
try, by Mikolaj Wierniuk, 11 pp.
POLISH, per, Przemysl Spozywczy, Vol XV,
No 6, 1961, pp 1-7.

JPRS 9975

Development of the International Division
of Labor Among the Socialist Countries, by
Leslaw Skibinski, 22 pp.
POLISH, per, Sprawy Miedzynarodowe, Vol XIV,
No 4 (10), 1961, pp 18-40.

JPRS 4947

Polish Trade Policy Toward Developing Coun-
tries, by Witold Trampczynski, 5 pp.
POLISH, per, Trybuna Ludu, 22 Sep 1961;
Encl 1 to Desp 123, AmEmbassy, Warsaw,
26 Sep 1961.

Dept of State

Geology of Rumanian Crude Oil and Gas
Deposits, by Nicolae Grigoras, (SF-1857).
RUMANIAN, bk, Geologia Zacamintelor de
Petrol ai Gaze din RPR, 1961, pp 11-222, 235.

*JPRS

Recent Railroad Regulations and Amendments
(I), 9 pp.
RUMANIAN, per, Buletinul Comercial CFR,
Vol II, No 2, 1961, pp 11-12, 13-17, 23,
28.

JPRS 8979

Recent Railroad Regulations and Amendments
(III), 4 pp.
RUMANIAN, per, Buletinul Comercial CFR,
Vol II, No 4, 1961, pp 55-56, 64-66.

JPRS 8979

New Regulations Concerning Railroad
Stations, 9 pp.
RUMANIAN, per, Buletinul Comercial CFR,
Vol II, No 9, 6 May 1961, pp 132,
140-146.

JPRS 10092

Eastern Europe
Economic (Contd)

Long-Term Credit Assistance to Socialist Cooperative Agricultural Farms, by S. Bereanu, A. Dumitrescu, 14 pp.
RUMANIAN, per, Finante si Credit, Vol VII, No 1, 1961, pp 15-25.

JPRS 10122

Control of the Labor and Wage Plan Approved for 1961 (State Bank Circular No 6/6, 11 January 1961), 6 pp.
RUMANIAN, per, Finante si Credit, No 2, 1961, pp 4-8.

JPRS 8895

Financing 1961 Investments (Extract From Investment Bank Circular No 1/20/1961), 24 pp.
RUMANIAN, per, Finante si Credit, No 2, 1961, pp 16, 18-23.

JPRS 8895

Question of Utilization of Plastic Materials in the Meat Industry.
RUMANIAN, per, Industria Alimentara, No 2, 1961, pp 42-45.

*ACSI I-0081
ID 2174800

Development of Scientific Agricultural Research, in Albania, by M. Stancu, 13 pp.
RUMANIAN, per, Probleme Agricole, Vol XIII, No 5, 1961, pp 5-15.

JPRS 10195

Important Successes Scored by Socialist, Agriculture in Dobrogea, by C. Moldovan, P. Tomoroga, 10 pp.
RUMANIAN, per, Probleme Agricole, Vol XIII, No 5, 1961, pp 16-22.

JPRS 10195

An Important Economic Lever for Strengthening the Economy and Organization of Collective Farms, by Fl. Gilca, Gh. Vladica, 10 pp.
RUMANIAN, per, Probleme Agricole, Vol XIII, No 5, 1961, pp 23-30.

JPRS 10195

New Principles, Amendments and Completions in the Instructions of the Railroad Traffic Management Office, by E. Niculescu, V. Cazil, A. Popa, et al, 16 pp.
RUMANIAN, per, Revista Cailor Ferate, Vol IX, No 13, Mar 1961, pp 99-106.

JPRS 8945

Eastern Europe
Economic (Contd)

Development of the Cement Industry in the
Long-Term Plan of the RPR, by

A. Medvetchi, 10 pp.

RUMANIAN, per, Revista Constructiilor si
a Materialelor de Constructii, Vol XIV,
No 5, 1961, pp 255-260.

JPRS 10426

Selected Articles From the Rumanian
Newspaper Tehnica Noua.

JPRS 8820

3 Aug 1960, p 2.

Ball Bearing Plant, Orasul Stalin, by
Ingo Schunn, 3 pp.

10 Aug 1960, p 1.

Induction Heating Plant, by
Octavian Smighelschi, 3 pp.

Creation of Domestic Ferrous Alloy
Industry, by Nicolae Crasnaru, 4 pp,
(pp 1, 2).

17 Aug 1960, p 2.

Lignite Mining Project, 3 pp.

20 Aug 1960, p 2.

Mechanization at Ernst Thalmann
Tractor Plant, by Mihail Marinescu,
5 pp.

Development of Rumanian Electric Power
Networks, by Vlad Radulescu, 5 pp,
(p 7).

31 Aug 1960, p 1.

Production of Sheet Metal at Nicolae
Christea Plant at Gal Ti, by
P. Ianculescu, 6 pp.

Mechanization at Ernst Thalmann Tractor
Plant, by Mihail Marinescu, 4 pp,
(p 2).

7 Sep 1960, p 1.

Reduction of the Weight of the Rumanian
Tractor, by Teodor Marcu, 6 pp.

Eastern Europe
Economic (Contd)

Selected Articles From the Rumanian
Newspaper Tehnica Noua. (Contd)

JPRS 8820

28 Sep 1960, p 3.
New Technical Solutions to Increase
Repair Capacity at the Constanta Dock-
yard, by P. Ianculescu, 4 pp.

5 Oct 1960, p 1.
Development of Chemical Fertilizer Pro-
duction, by Corneliu Const. Ionescu,
4 pp.

Plastics Industry on the Upsurge, 3 pp,
(p 8).

26 Oct 1960, p 2.
Development of Rolling Mill Automation,
by Longin Andronescu, 6 pp.

23 Nov 1960, p 1.
First Barite Preparation Station in the
Country, 3 pp.

Discussion of the Plan for 1961 at the
"Bucuresti" Plastics Plant, by Paul
Lampert, 3 pp, (p 1).

Automation of Technological Processes,
by R. Manoliu, 4 pp, (p 3).

15 Feb 1961, pp 1-3.
Roznov Nitrogen Fertilizer Complex, by
S. Sigartau, 3 pp.

8 Mar 1961, p 3.
Measures for Raising the Technical Level
of Petroleum Processing, 3 pp.

15 Mar 1961, p 1.
New Technological Processes in Ship-
building, by P. Ianculescu, 5 pp.

22 Mar 1961, p 4.
Improvement of the Quality of Farm Ma-
chinery, 4 pp.

3 Aug 1961, p 5.
Popesti-Leordeni Tire Factory, by
Mihai Tunaru, 4 pp.

Eastern Europe
Economic (Contd)

Maritime Transport in the People's Democracies, by O. A. Kibal'chih, N. D. Mozharov, B. B. Slavin-Borovskiy, (SF-2026).
RUSSIAN, bk, Morskoy Transport Stran Narodnoy Demokratii, 1960, pp 1-198.

*JPRS

Geology of Polish Coal Deposits, by A. V. Dokukin, D. G. Onika, (DC-6363).
RUSSIAN, monograph, Ugol'naya Promyshlennost' Pol'skoy Narodnoy Respubliki, 1957, pp 16-27.

*JPRS

Specialization and Co-operation in the Industry of the European Countries of the People's Democracy, by N. S. Semin, 11 pp.
RUSSIAN, per, Byul Tekh-Ekon Informatsii, No 8, 1960, pp 73-76.

DSIR NLL Tr Bul
Vol 3, No 1, Jan 1961

Eastern Europe
Political

The Organization and Tasks of the Local Trade Union Councils, 25 pp.
BULGARIAN, hdbk, Spravochnik na Aktivista, pp 743-754.

JPRS 8919

Poland in the International Socialist Division of Work, by Marie Kocikova, (DC-6365).

CZECH, per, Nova Mysl, No 10, 1961, pp 1232-1241.

*JPRS

Will Bulgaria Be Eternally Grateful to the Soviet Union?, by Carl Gustaf Stroehm, 6 pp.

GERMAN, per, Christ und Welt, Vol XIV, No 32, 1961, p 22.

JPRS 10306

Berlin - A Separate Zone. A Study on Western Rights in the German Capital, by Alois Riklin, 8 pp.

GERMAN, np, Die Welt, 2 Sep 1961; Encl 1 to Desp 347, AmEmbassy, Bonn, 11 Sep 1961; Embassy Airgram A-279, Infor US Mission Berlin A-85, 3 Sep 1961.

Dept of State

An Interim Observation of the Berlin Question, 11 pp.

JAPANESE, rpt, Sea and Air Technical Research Council, No 273, 26 Jul 1961, Encl 1 to 773-61, to USNA, Tokyo, 1 Sep 1961.

Dept of Navy
ONI 5127619

Socialism "For Everyday" and the Need of a Perspective, by Adam Schaff, (SF-2002).
POLISH, per, Przegląd Kulturalny, No 26, 7 Sep 1961, pp 1, 2.

*JPRS

Attractive Force of Socialist Humanism, by Adam Schaff, (SF-2002).

POLISH, per, Przegląd Kulturalny, No 37, 14 Sep 1961, pp 1, 6.

*JPRS

Eastern Europe
Military

Training Material for Parachute Sport.
GERMAN, rpt, Ausbildung Material fuer Fallschirmsport.

*ACSI T-0184
ID 2180075

East German Propaganda Attack of Tempelhof Airport and on "Violation of GDR Airspace," 4 pp.
GERMAN, np, Berliner Zeitung, 20 Sep 1961;
Encl 1 to Desp 127, United States Mission, Berlin, 21 Sep 1961.

Dept of State

Recognition of Aircraft Gliders and Helicopters, by A. Glass, 12 pp.
POLISH, hdbk, Rozpoznawanie Samolotow Szybowcow i Smiglowcow, 1960, pp 106-117.
9671150

FTD MCL-1342/1

Chemical War Agents, 10 pp.
POLISH, per, Podstawowe Wiadomosci, 1960, Encl 3 to R-548-60.

ACSI H-9884
ID 2161564

Practical Training of Navigators - Operators, by Z. Guminski, 13 pp.
POLISH, per, Wojskowy Przegląd Lotniczy, Vol XIV, No 3, 1961, pp 7-15. 9671157

FTD MCL-1268/1

Inertial Navigation Systems, by Z. Kuklak, 16 pp.
POLISH, per, Wojskowy Przegląd Lotniczy, Vol XIV, No 3, 1961, pp 16-28. 9671157

FTD MCL-1268/1

Eastern Europe
Geographic

The Seaport of Rostock, by Bernard Kaps.
GERMAN, per, Seeverkehr, No 1, 1961,
pp 36-39.

Navy 2873/ONI 869

The Port of Stettin(Szczecin), by Juergen
Grossman.
GERMAN, per, Seeverkehr, No 1, 1961,
pp 40, 41.

Navy 2873/ONI 869

Geographic Monograph of the Rumanian People's
Republic Part I. Physical Geography and
Attachments, 1011 pp. (Parts I-IV).
RUMANIAN, monograph, Monografia Geografica
a Republicii Populare Romine, I Geografia
Fizica and Monografia Geografica a Republicii
Populare Romine, I Geografia Fizica, Anexe,
pp 40-111, 147-724.

JPRS 8921

Eastern Europe
Sociological

How One Gets Rid of Class Enemies, by
Carl Gustaf Stroebe, 6 pp.
GERMAN, per, Christ und Welt, Vol XIV,
No 33, 1961.

JPRS 10306

Selected Articles From the Polish
Periodical Sluzda Zdrowia, Vol XIII,
No 27, 2 Jul 1961.

JPRS 10180

A Good Start and a Good Example (Coopera-
tion Between Public Health Service
Workers' Union and Administration), 3 pp,
(p 1).

On the Basis of Marxist Analysis (Long-
Term Planning at the Sixth Conference of
Health Ministers of Bloc Nations in Buda-
pest, by H. Slomczynska, 4 pp, (pp 1-2).

Child Surgeon Conference, by Jan
Kossakowski, 3 pp, (p 3).

Infectious Disease Hospitals Today and
Tomorrow, by J. Hornik, 4 pp, (p 4).

Eastern Europe
Biographic

Selected Articles From the Polish
Periodical Nauka Polska, Vol VIII,
No 4, Oct/Dec 1960.

JPRS 10153

The Status of Scientific Personnel
in Poland, by Henryk Golanski,
25 pp, (pp 25-47).

Biography of Polish Physicist Wojciech
Rubinowicz, by Wojciech Krolikowski,
3 pp, (pp 167-169).

Biography of Polish Chemist Tadeusz
Urbanski, by Juliusz Hackel, Barbara
Serafinowa, 6 pp, (pp 170-174).

NORTHERN EUROPE

Economic

The Electrotechnician, by Hans Bagge, 5 pp.
DANISH, per, Elektroteknikerens, No 16,
22 Aug 1961, Encl 1 to 311-61 to USNA,
Copenhagen, 21 Sep 1961.

Dept of Navy
ONI 5129306

Military

Joint War College (Armed Forces Staff
College), 29 pp.
SWEDISH, Encl to 178-61 to USNA, Stockholm,
24 Aug 1961.

Dept of Navy
ONI 5127706

Bulletin From Defense's Research Establish-
ment, 3 pp.
SWEDISH, doc, En Informationsskrift Fran
Forsvarets Forskningsanstalt, Encl No 1 to
R-41-61, pp 13-18.

ACSI H-9946
ID 2164378

Proposition Number 110 1961, 6 pp.
SWEDISH, per, Officersforbundsbladet, Apr 1961,
p 73; Encl 1 to 192-61 to USNA, Stockholm,
14 Sep 1961.

Dept of Navy
ONI 5128912

The Officer and Technology, by M. Hammar,
5 pp.
SWEDISH, per, Svenska Dagbladet, 28 Aug 1961;
Encl 2 to 192-61 to USNA, Stockholm,
14 Sep 1961.

Dept of Navy
ONI 5128912

Northern Europe
Geograph.

Annual Report of the Arctic Institute for
1959, (DC-6339).
DANISH, rpt, Arktisk Instituts Arsberetning
for 1959, 1959, pp 1-4.

*JPRS

Annual Report of the Arctic Institute for
1960, (DC-6339).
DANISH, rpt, Arktisk Instituts Arsberetning
for 1960, 1960, pp 1-4.

*JPRS

Port and Harbor of Malmo, 4 pp.
SWEDISH, rpt, The Swedish Shipping Gazette,
No 14, 1961, p 787; Encl 1 to 193-61 to
USNA, Stockholm, 14 Sep 1961.

Dept of Navy
ONI 5128911

NEAR EAST/AFRICA

Economic

Syrian-Lebanese Agreement on the Liquidation of the Joint Operation of the D.H.P. Railroad, 5 pp.

FRENCH, rpt, Accord-Syro-Libanais sur la Liquidation de l'Exploitation Commune du Chemin de Fer D.H.P., pp 1-3, 1954.

ACSI H-9787-A
ID 2062930

Texts of the Agreement Between the Government of the Syrian Republic and the D.H.P. (Damas, Hama and Prolongments) Railroad Company dated 19 July 1955, 37 pp.

FRENCH, rpt, Textes de la Convention Entre le Gouvernement de la Republique Syrienne et la Societe du Chemin de Fer de Dams, Hama et Prolongements du 19 Juillet 1955, 22 pp.

ACSI H-9787-B

Petroleum - Annual Report and Financial Statement of "Lapidoth" Israel Oil Prospectors Corporation Ltd.

HEBREW, rpt, 31 Mar 1961; Encl to Desp 155, AmEmbassy, Tel Aviv, 15 Sep 1961; CERP, D-15.

Dept of State

Arad -- A New City Between Beersheba and the Dead Sea, by A. Shedletsky, 4 pp.

HEBREW, np, Letzte Nyes, 15 Jun 1961, p 3.

JPRS 10100

Twelve New Development Areas, 4 pp.

HEBREW, np, Omer, 7 Jul 1961, p 22.

JPRS 10100

near East/Africa
Political

National Progressive Party, 22 pp.
ARABIC, np, al-Bayan, 8 May 1961-8 Jun 1961. JPRS 10299

Legislative Ordinance No. 02/269 of August 17, 1961, 5 pp.
FRENCH, Encl 1 to Desp 11, AmConsul, Usumbura, 22 Aug 1961; Consulate General Desp No 10, 18 Aug 1961. Dept of State

Ordinance No. 02/270 of August 17, 1961, 5 pp.
FRENCH, Encl 2 to Desp 11, AmConsul, Usumbura, 22 Aug 1961, Consulate General Desp No 10, 18 Aug 1961. Dept of State

Charter of the U.N.T.N. (Niger National Workers Union), 4 pp.
FRENCH, Encl 2 to Desp 56, AmEmbassy, Niamey, 18 Sep 1961. Dept of State

Significance of the Moscow Conference for Greek Communists, by Leonidas Stringos, 16 pp.
GREEK, np, I Avgi, 19, 21, 22, 23 Mar 1961. JPRS 8997

We Joined the Liberal Party, 8 pp.
HEBREW, np, Haarets, 1 Jul 1961. JPRS 10100

Secretary General Mikunis's Report on Moscow Conference, by Shmuel Mikunis, 25 pp.
HEBREW, np, Kol Haam, 16, 22, 23 Dec 1960. JPRS 8997

Twenty-Second Plenum of Israeli Party Central Committee Discusses Moscow Conference, 5 pp.
HEBREW, np, Kol Haam, 23 Dec 1960, p 1. JPRS 8997

Twenty-Third Plenum of Israeli Party Central Committee Discusses Forthcoming Party Congress and Knesset Elections, 4 pp.
HEBREW, np, Kol Haam, 24 Mar 1961, pp 1, 8. JPRS 8997

Mikunis's Speech on Fourteenth Party Congress and Knesset Elections, by Shmuel Mikunis, 11 pp.
HEBREW, np, Kol Haam, 24 Mar 1961, pp 2, 7. JPRS 8997

Dr. Scheib for an "Authoritarian Regime", by O. Zur, 4 pp.
HEBREW, np, Yedioth Hayom, 1 Feb 1961, pp 2, 3. JPRS 10100

Near East/Africa
Military

UAR Training Manual - Crossing of Water
Obstacle - All Weapons.
ARABIC, manual, 107 pp.

*ACSI I-0027
ID 2174794

Graduates of the 15th Course of the Reserve
Division (Second Session), 10 pp.
ARABIC, np, Al Waga'i' al'Iraqiyah, Vol III,
No 528, 1961, pp 4-13.

JPRS 10299

The Nahal Grows Stronger, by Aryeh Avneri,
6 pp.
HEBREW, np, Bamahaneh, 4 Apr 1961, p 3.

JPRS 10100

Defense Ministry Holds Most of the
Confiscated Lands Illegally, 4 pp.
HEBREW, np, Kol Ha'am, 16 May 1961, pp 3, 4.

JPRS 10100

Near East/Africa
Sociological

The Trade Unions in the Countries of
West Africa, 32 pp.

GERMAN, monograph, Die Gewerkschaften in
den Landern Westafrikas, 1961.

JPRS 8907

Scientific Revolution in the Next Decade,
by Yosef Levite, 6 pp.

HEBREW, np, Bamahaneh, 11 Apr 1961, p 3.

JPRS 10100

Geographic

Abu Dhabi, by Saleem Zabal, 7 pp.

ARABIC, per, Al Arabi, No 30, May 1961;
Encl 1 Desp 56, AmConsul, Dhahran,
10 Aug 1961; ConGen Desp 10, 10 Jul 1961.

Dept of State

Wells in the Sahara, by P. Gomez Moreno,
26 pp.

SPANISH, per, Pozos del Sahara, 1959,
pp 1-48. (Call No TD319,S73 G63, E Tr)

AMS

ASIA

Economic

Fully Bring Out the Superiority of the People's Communes; Struggle for a Bumper Harvest This Year, by Wang Hsueh-wen, Jen Wei-chung, 8 pp.

CHINESE, per, Chung-kuo Ch'ing-nien, No 8, 1961, pp 2-4.

JPRS 4911

Conscientiously Develop Socialist Labor Emulation, by K'ang Yung-ho, 10 pp.

CHINESE, per, Hung-ch'i, No 16, 1959, pp 13-19.

JPRS 4972

Plant Paddy Rice and Dry-Land Crops in Rotation "To Make the Fields, Nurse Themselves," by Ting Ying, 16 pp.

CHINESE, per, Hung-ch'i, No 3, 1 Jul 1961, pp 37-44.

JPRS 8992

Steel Production - High Strength and Stainless.

CHINESE, per, Kang-Tieh, 27 Jul 1959, pp 602-608.

*FTD-TT-61-71

Selected Articles From the Chinese Periodical Min-tsu T'uan-chieh.

JPRS 10550

No 4, 1961.

Start Forth From Reality, Actively Lead the Various Nationalities to Develop Production, by Lu Sheng, 8 pp, (pp 6-9, 19).

The Primitive Commune System or Its Remnants Among Certain Minorities in Our Country, by Lu Chen-yu, 19 pp, (pp 10-19).

Correct Implementation of Policies Boosts Production, by Yu Hsueh-han, 6 pp, (pp 34, 35).

No 5, 1961.

Develop Agricultural Production Based on the Characteristics of Mountain Areas, by Ch'i Shou-liang, 7 pp, (pp 9-11).

Asia
Economic (Contd)

Selected Articles From the Chinese
Periodical Min-tsu T'uan-chieh. (Contd)

JPRS 10550

No 5, 1961.
Increased Output Can Only Come From
Relying on Local Resources, 9 pp,
(pp 16-18).

Economic Conditions of the Cotton Base in
the Manass River Basin of Sinkiang, by
Yang Wu-yang, Ts'ai Ch'ing-ch'uan, 25 pp.
CHINESE, per, Ti-li Hsueh-pao, Vol XXV,
No 4, Aug 1959, pp 258-270.

JPRS 8965

Mao's "Mandate From Heaven" Has Become
Doubtful (A Report on Communist Chinese
Agriculture), by Klaus Mehnert, 5 pp.
GERMAN, per, Christ und Welt, No 34,
1961, p 3.

JPRS 10485

Forest Products and the Program of General
Development, by J. M. Simpoha, 6 pp.
INDONESIAN, per, Fortuna, No 10, 1961,
pp 679-685.

JPRS 10493

The National Paper Mill of Padalarang-
Letjes, 7 pp.
INDONESIAN, per, Fortuna, No 10, 1961,
pp 689-694, 701.

JPRS 10493

A Story About Fish and Fisheries, 7 pp.
INDONESIAN, per, Fortuna, No 12, 1961,
pp 794-802.

JPRS 10493

The Part of Middle-Sized and Small Indus-
tries During the Period of General Develop-
ment, by Omar Tusin, 3 pp.
INDONESIAN, per, Fortuna, No 12, 1961,
pp 803-806.

JPRS 10493

Foreign Aid to Finance Development Plan-
ning, by Kwik Kian Giam, 14 pp.
INDONESIAN, per, Mimbar Indonesia,
Vol XIV, No 47, 48, 49, 1960, pp 9-11,
29-30, 16-17, 30.

JPRS 10231

Asia
Economic (Contd)

Oil -- A Source of Development Capital,
by S. K. Trimurti, 9 pp.
INDONESIAN, per, Mimbar Umum, Vol XIV,
No 47, 1960.

JPRS 4998

Extracts From an Article on the Function of
Culture in Economic Development and the Part
Played by Science and Learning, by Soediman
Kartohadiprodjo, 8 pp.
INDONESIAN, per, Pusara, Vol XXII, No 2,
1960, pp 25-43.

JPRS 4999

Over-all Development, State Enterprises,
and Utilization of Resources, by Simpoha,
11 pp.
INDONESIAN, per, Siasat Baru, Vol XV,
No 706, 1961, pp 3-8.

JPRS 4999

Development of the Activities of Official
Enterprises Over the Last Three Years,
7 pp.
INDONESIAN, per, Warta Ekonomi, 1961,
pp 70-71.

JPRS 10493

Diversified Management and Merging of Enter-
prises in Communist China, by Fukushima
Yutaka, 10 pp.
JAPANESE, per, Ajia Keizai Jumbo, No 462,
21 Mar 1961, pp 1-10.

JPRS 8910

Recent Conditions in Communist China's
Sugar Refining Industry, by Ozaki Shotaro,
(NY-6774).
JAPANESE, per, Ajia Keizai Jumbo, No 479,
21 Sep 1961, pp 1-10.

*JPRS

Communist China's Price Policy, by
Yonezawa Hideo, 33 pp.
JAPANESE, per, Chugoku Kenkyu Geppo,
No 156, 1961, pp 1-30.

JPRS 10241

Electron Industry.
JAPANESE, per, Denshi Kogyo, Vol VII,
No 6, 1958, pp 27-32.

ACSI H-5419-A
ID 2174801

Asia
Economic (Contd)

Emergency Import of Food and Agricultural Problems in Communist China, 17 pp.

JAPANESE, per, ECAFE Tsushin, No 263, 1 May 1961, pp 1-21.

JPRS 8909

Number and Wages of Industrial Workers in Communist China, by Ishikawa Shigeru, (SF-2006).

JAPANESE, per, ECAFE Tsushin, No 270, 11 Jul 1961, pp 1-38.

*JPRS

Factors in the Formulation of Currency Plans, by Yi Chong-son, 6 pp.

KOREAN, per, Chaejong Kumyung, No 5, 1961, pp 15-18.

JPRS 10207

Increasing Recovery Rates of Nonferrous Metals, by Kim Chong-su, 3 pp.

KOREAN, per, Kumsok Kongop, No 5, 1961, pp 2-3.

JPRS 10207

Utilization of Differential Rents, by O T'ae-hun, 26 pp.

KOREAN, per, Kyongje Yon'gu, No 3, Aug 1960, pp 67-81.

JPRS 10207

Improvement of the Management Structure in Industry, by Pak Yong-gun, 12 pp.

KOREAN, per, Kyongje Yon'gu, No 4, Nov 1960, pp 46-55.

JPRS 10207

Concentration of Coal Production, by Kim Ch'ol-sik, 22 pp.

KOREAN, per, Kyongje Yon'gu, No 4, Nov 1960, pp 55, 56-61.

JPRS 10207

Value-Price Relationship of Commodities, by Yi Myong-so, 8 pp.

KOREAN, per, Kyongje Yon'gu, No 4, Nov 1960, pp 72-76.

JPRS 10207

Calculation of Freight-Car Layover Time, by Ma Su-son, 3 pp.

KOREAN, per, Kyot'ong Wunsu, No 4, 1961, pp 44, 45.

JPRS 10207

Asia
Economic (Contd)

Capital Construction Peculiarities
and Statistics, by D. Badarch, 11 pp.
MONGOLIAN, per, Ediyn Dzasag, No 1,
1961, pp 52-63.

JPRS 8944

Selected Articles From the Mongolian
Periodical Ediyn Dzasag Erhiyn
Asuudal, Vol XI, No 2, 1961.

JPRS 8975

The Plan of Mongolia Is a Plan for Peace,
by N. Baasanjab, 8 pp, (pp 10-17).

Industrial Development and Mongolia's
Goals, by P. Damdin, 5 pp, (pp 18-23).

Railway Operations Improved, by
S. Dambadarjaa, 7 pp, (pp 24-30).

Problems Pertaining to the Socialist
Industrialization of the MPR, by
B. Surmaaajab, 20 pp, (pp 31-47).

Present Achievements and Future Goals in
Agriculture, 16 pp.
MONGOLIAN, per, Sotsialist Hodoo Aj Ahuy,
Vol I, No 3, 17 Jan 1961, p 2.

JPRS 10119

Agricultural Artels as Centers of Mass
Cultural Work, by B. Ligden, 4 pp.
MONGOLIAN, np, Unen, 10 Apr 1961, p 2.

JPRS 8792

C. Meeting Dedicated to Breaking the
Ground at the New Ulan Bator Airport Site,
4 pp.
MONGOLIAN, np, Unen, 23 Apr 1961, pp 1, 4.

JPRS 8913

Small Capacity Electric Power Plants, in
the CPR, by B. M. Bannikov, 6 pp.
RUSSIAN, per, Energokhoz za Rubezhom,
No 3, 1961, pp 36-38.

JPRS 4980

Remarkable Successes of the Chinese People's
Republic, 6 pp.
RUSSIAN, per, Kommunist Moldavii, No 6,
1961, pp 59-62.

JPRS 4945

Asia
Economic (Contd)

The Sugar Industry of the People's Republic of China, by O. I. Volkova, 3 pp.
RUSSIAN, per, Sakharnaya Prom, No 2, 1961,
pp 69-70.

JPRS 4551

Agricultural Production in North Vietnam
During Last 15 Years, 51 pp.
VIETNAMESE, pamphlet, Thanh Tich San-xuat
Nong-nghiep Trong 15 nam Duoi Che-do Viet-
nam Dan-chu Cong-hao, Nov 1960, 92 pp.

JPRS 8980

Selected Articles From the Vietnamese
Periodical Hoc Tap.

Feb 1961, pp 1-6.
Let Us Struggle to Overfulfill the 1961
State Plan, 9 pp.

JPRS 8914

No 3, 1961, pp 6-12.
Economic Development and Consolidation
of National Defense, by Van Tien Dung,
10 pp.

JPRS 8889

Jun 1961.
Animal Breeding Must Be Done Well, by
Le Chu, 16 pp, (pp 44-48).

JPRS 8982

Electricity Must Be Used Rationally and
Thriftily to Serve Production, by
Nguyen Van Dai, 3 pp, (pp 49, 50).

Jul 1961.
Economic Audit in Factory Sections
and Production Cells, by Do Van Suu,
10 pp, (pp 20-26).

JPRS 8985

The Problem of Diligently and Thriftily
Building the Country, by Thien Tam,
6 pp, (pp 48-52).

JPRS 8918

The Present Implementation of the
Three Contracts System in Agricultural
Cooperatives, by Tran Ngoc Canh,
4 pp, (pp 77-79).

Asia
Economic (Contd)

Selected Articles From the Vietnamese
Periodical Hoc Tap. (Contd)

No 8, 1961.

JPRS 10375

Increase Construction Speed and Complete Projects With Superior Work at Low Cost, by Bui Quang Tao, 6 pp.

Relate Individual and Collective Interests of Cooperative Members and Stress the Daiphong Emulation Movement, by Quyet Tien, 10 pp.

Selected Articles From the Vietnamese
Newspaper Lao Dong.

7 Mar 1961, p 3.

Labor Unions, 9 pp.

JPRS 10230

11 May 1961, p 3.

A State of Emergency in a Lumber Mill, 4 pp.

JPRS 8864

22 Jun 1961, pp 1, 4.

Socialist Cooperation in Production, by Do Van Suu, 4 pp.

JPRS 10230

6 Jul 1961, pp 1, 4.

Competition With Duyen Hai, 3 pp.

JPRS 10230

Selected Articles From the Vietnamese
Periodical Nghien Cuu Kinh Te.

JPRS 10174

No 1, Feb 1961.

The Food Problem, by Bui Cong Trung, 20 pp, (pp 6-15, 25).

Local Industry Makes a Spurt Forward, by Le Vinh, Vu To, 18 pp, (pp 26-35).

Three Years of Developing Industry, Building the Structures and Transportation and Communication Facilities, by Luu Thuy, 9 pp, (pp 59-62).

Agricultural Production in 1960, by La Huu Quang, 3 pp, (pp 63, 64).

Asia
Economic (Contd)

Selected Articles From the Vietnamese
Periodical Nghien Cuu Kinh Te. (Contd)

JPRS 10174

No 1, Feb 1961.

A Historical Transformation of the
Countryside, by Nguyen Van Khoa,
3 pp, (pp 64, 65).

Food Purchasing and Selling Operations,
by Tran Van Hien, 3 pp, (pp 66, 67).

No 2, Apr 1961.

The Increase in the Number of Crops
Per Year, by Luu Quang Hoa, 13 pp,
(pp 1-7).

Exploiting All Potentials in Order to
Push Forward Industrial Production, by
Tran Quang, 11 pp, (pp 16-21).

Developing of Livestock Breeding on a
New Production Basis, by Tran Van Ha,
6 pp, (pp 22-25).

How to Solve the Present Problem of
Food Supply, by Vu Lo, 7 pp, (pp 26-29).

Labor Productivity of State Industry
in the Three-Year Plan, by Vu Quoc
Tuan, 6 pp, (pp 51-53).

The New Face of North Vietnam Handi-
craft Industry, by Kim Thanh, 3 pp,
(pp 53, 54).

The Situation in the 1960-1961 Winter-
Spring Production, by Nguyen Nam,
4 pp, (pp 55, 56).

Farmers of Hung-yen Clear Land in Tay-
Bac Forests and Mountains, by Le Quy
Quynh, 8 pp, (pp 56-58).

Livestock Breeding During the Past
Three Years, by La Huu Quang, 8 pp,
(pp 61-64).

Asia
Economic (Contd)

Selected Articles From the Vietnamese
Newspaper Nhan Dan.

17 May 1961, pp 3, 4. JPRS 10216
The Dai Phong Movement, 16 pp.

20 May 1961, p 4. JPRS 9986
The Efforts of Bac Ninh in Agriculture, by Nguyen Van Binh, 5 pp.

21 May 1961, p 3. JPRS 10216
Experience From Work Camp 209, by
Chi Gong, 5 pp.

22 May 1961, p 3.
Simultaneous Completion of Harvest
and Irrigation Works, by Tran Qui Kien,
5 pp.

23 May 1961, p 3.
Technical Improvement and the Use of
Improved Tools, by Phan Phac, 4 pp.

Technical Demonstration Experiences at
the Gia Lam Saw Mill, by Nguyen Van
Phuong, 5 pp.

25 May 1961, p 3.
Substitutes for Bran in Pig Food, by
Nguyen Van Phuc, Nguyen Trong Truyen,
3 pp.

27 May 1961, pp 1, 2. JPRS 10189
Strengthening Leadership in Commerce,
3 pp.

28 May 1961.
Daiphong Leadership in the Emulative
Movement for Cooperatives, by H. T.,
6 pp.

Government Decisions of Prices of
Agricultural Products for 1961,
4 pp.

Asia
Economic (Contd)

Selected Articles From the Vietnamese
Newspaper Nhan Dan. (Contd)

30 May 1961, p 3.
Recognizing Strength and Weakness in
Commerce, by Hoang Quoc Thinh, 6 pp.

JPRS 10189

2 Jun 1961.
Timely Preparations for the Autumn Crop,
3 pp.

Bumper Fifth Lunar Month Rice Crop in
Hung Yen, by V. N. A. News, 3 pp.

Harvest of Fifth Lunar Month Rice in
North Vietnam, 3 pp.

Vinh Ling Intensifies Production, by
Ho Si Than, 5 pp.

3 Jun 1961, p 3.
The Glorious Example of Thanh Cong
Cooperative, 11 pp.

5 Jun 1961, p 3.
Production and Sale of Provisions Are
Very Important, by Nguyen Huu Khieu,
3 pp.

JPRS 10250

Local Industry of Thanh-Hoa Moved
Forward With "Duyen-Hai," by Minh Chinh,
3 pp.

7 Jun 1961, p 3.
Realizing the Responsibility and Motto
for the Formation of Infra-Structure,
by Le Thanh Nghi, 5 pp.

8 Jun 1961, p 3.
Realizing the Adjustment of Prices of
Agricultural Products, by Tran Nguyen,
4 pp.

In the Purchasing and Selling of Pro-
visions, We Must Fight Against the
Tendency to Lower Production Volume,
by Dien Khanh, 3 pp.

Asia
Economic (Contd)

Selected Articles From the Vietnamese
Newspaper Nhan Dan. (Contd)

12 Jun 1961, p 3.
Increasing Means of Transportation
and Communication for Rural and Mountain
Areas, 4 pp.

JPRS 10250

14 Jun 1961, p 3.
Why Ship-Building Yard No 1 Failed to
Reach Its Planned Goal, by Nguyen
Khanh Lan, 4 pp.

16 Jun 1961, p 4.
Rectification Campaign at Hanoi Power
Station, by Pham Khai, Nguyen Toai,
4 pp.

19 Jun 1961, p 1.
The Middle Area Has Bumper Fifth-Month
Rice Crop, 3 pp.

24 Jun 1961, p 3.
Serving Production and the People in the
Emulation Movement in Trade, 5 pp.

30 Jun 1961, pp 1, 2.
Improvement of the Purchasing of Agri-
cultural Produce and of the Managing
of Its Market, 4 pp.

The Sea of Fish of Hung Yen, by Nguyen
Dien, 4 pp.

VIETNAMESE, np, Thoi Moi, No 2573,
11 Apr 1961, p 4.

JPRS 10230

Housing Investigation in Hanoi and Gia
Lam, 3 pp.

VIETNAMESE, np, Thu Do Hanoi, 21 Feb 1961,
p 1.

JPRS 10230

Traveling on Different Roads of the
Country, by Tran Dinh Thuy, 4 pp.

VIETNAMESE, np, Thu Do Hanoi,
11 Mar 1961, p 3.

JPRS 10230

Asia
Economic (Contd)

Expansion of Hanoi, 9 pp.
VIETNAMESE, np, Thu Do Hanoi,
14 Apr 1961, pp 1-4.

JPRS 10230

The Expansion of Hanoi as Seen by an
Architect, by Ngo Huy Quynh, 3 pp.
VIETNAMESE, np, Thu Do Hanoi, No 787,
30 Apr 1961, p 3.

JPRS 10230

Mountains and Forests Gradually Retreat
as They Face the Gardens of Industrial
Crops, by Mai Luong, 5 pp.
VIETNAMESE, per, To Quoc, No 177,
16 Jun 1961, pp 11-13.

JPRS 8961

Asia
Political

The Union Mines and Minerals Act,
1961, 4 pp.
BURMESE, Encl 1 to Desp 118, AmEmbassy,
Rangoon, 26 Aug 1961; CERP D-15.

Dept of State

Handbook on Administrative Divisions of
the People's Republic of China, 290 pp.
CHINESE, bk, Chung-hua Jen-min Kung-ho-kuo
Hsing-cheng Ch'u-hua Shou-ts'e, Mar 1960,
pp 1-145.

JPRS 10342

Basic Problems in the Civil Law of the
People's Republic of China, 358 pp.
CHINESE, bk, Chung-hua Jen-min Kung-ho-kuo
Min-fa Chi-pen Wen-t'u, 1958, pp 1-360.

JPRS 4879

Selected Articles From the Chinese
Periodical Hung-ch'i.

No 10, 1959, pp 45-49.
Automation in Imperialist Countries,
by Yang Ch'ung-kuang, 6 pp.

JPRS 4972

No 16, 1959, pp 28-30.
Objective Limitations and Subjective
Motive Power, by Shih Tung-hsiang, 4 pp.

JPRS 4972

No 11, 1 Jun 1961.
The United Front Leads the Chinese
People To Victory, by Li Wei-han,
17 pp, (pp 1-11).

JPRS 8960

Concerning the Question of Letting
All Schools of Thought Contend, by
Li Shu-chih, 6 pp, (pp 23-26).

A Case Study in Modern Chinese Economic
History, by Hsieh Shang, 7 pp,
(pp 27-30).

No 13, 1 Jul 1961.
On the Fortieth Anniversary of the
Communist Party of China, by Liu
Shao-ch'i, 13 pp, (pp 1-13).

JPRS 8992

Develop the Fine Traditions of the
Party, 6 pp, (pp 14-18).

Asia
Political (Contd)

Selected Articles From the Chinese
Periodical Hung-ch'i. (Contd)

No 13, 1 Jul 1961.

JPRS 8992

Integration of Theory With Practice
Is the Fundamental Demand of Marxism-
Leninism, 8 pp, (pp 19-24).

Have a Head for Figures, by Wang Shih-jun,
Hsia Chin, 9 pp, (pp 25-29).

Learning and Applying Laws, by Lu
Chih-ch'ao, 11 pp, (pp 30-36).

A Few Things About Kennedy, by Huang
Kang, 7 pp, (pp 45-49).

Official Proclamations From Official
Journal of Cambodia, 39 pp.
FRENCH, per, Journal Officiel du Cambodge,
Vol XVII, No 42, 22 Feb 1961, pp 475-480;
No 45, 28 Feb 1961, pp 517-519, 522-544.

JPRS 8906

King Mahendra Grants Audience to the Press,
3 pp.

HINDU, rpt, 24 Aug 1961; Encl 1 to Desp
71, AmEmbassy, Kathmandu, 28 Aug 1961;
EmbTel No 145.

Dept of State

The Selected Works of D. N. Aidit, Volume II,
by D. N. Aidit, 417 pp.
INDONESIAN, bk, D. N. Aidit Pilihan Tulisan,
1960, pp 7-591.

JPRS 8886

Learn to Know the Greatness of the Indonesian
Fatherland and Its People, by Sam W. S.,
16 pp.
INDONESIAN, per, Mimbar Penerangan, No 11,
1960, pp 750-762.

JPRS 10493

Desa Development and Indonesian Socialism,
by Soewito M.S., 5 pp.
INDONESIAN, per, Mimbar Umum, Vol XIV,
No 47, 1960, pp 17-18, 31.

JPRS 4998

Asia
Political (Contd)

Lessons From Leader Training, by
Son Jiou, 7 pp.
KOREAN, np, Nodong Sinmun, 3 May 1961,
p 2.

JPRS 8946

Let Us Conquer Empiricism, 4 pp.
KOREAN, np, Nodong Sinmun, 14 May 1961,
p 1.

JPRS 8946

For Thorough Execution of Party Labor
Policies, by Yang Taegun, 5 pp.
KOREAN, np, Nodong Sinmun, 17 May 1961,
pp 2, 3.

JPRS 8946

Chongsal-li Teachings Can Aid the Fulfill-
ment of the Party's Targets, 8 pp.
KOREAN, per, Tang Saop, Feb 1961, pp 2-8.

JPRS 8946

A. Summary of Speech by Ts. Dugersuren,
Secretary of the CC of the MPRP, On the
Anniversary of Lenin's Birth, 8 pp.
MONGOLIAN, np, Unen, 23 Apr 1961,
pp 2-3.

JPRS 8913

The Supreme People's Court -- Highest
Judicial Organ in the Democratic Republic
of Vietnam, by V. Kolesnikov, 8 pp.
RUSSIAN, per, Byulletan' Verkhognogo
Suda SSSR, No 3, 1961, pp 36-40.

JPRS 4940

Forty Years in the Vanguard of the Chinese
People, 13 pp.
RUSSIAN, per, Kommunist, No 10, 1961,
pp 11-20.

JPRS 10492

The 12th Anniversary of the Chinese
People's Republic (SF-1875).
RUSSIAN, per, Kommunist, No 14, Sep 1961,
pp 9-13.

*JPRS

The People's Revolutionary Party of
Mongolia-Organizer and Leader of the
National Forces of the Mongolian People's
Republic, by S. Ravda, 5 pp.
RUSSIAN, per, Kommunist Vooruzhennikh
Sil, No 5, 1961, pp 80-83.

ACSI H-9682
ID 2174760

Asia

Political (Contd)

40 Years of the Communist Party of
China, by V. I. Glunin, 10 pp.
RUSSIAN, per, Narody Asii i Afriki,
No 3, 1961, pp 3-10.

JPRS 10527

Selected Articles From the Vietnamese
Periodical Hoc Tap.

No 3, 1961, pp 68-75.
The Lao People Are Determined to Follow
the Path of Peace and Neutrality, by
Truong Sinh, 12 pp.

JPRS 8889

No 8, 1961.
Ideological and Political Education of
Workers Must Be Promoted, by Huy Uu,
6 pp.

JPRS 10455

How Have We Struggled to Raise the
Living Standards of Cooperative Members
to That of High Middle Peasants?, by
Pham Ngoc Ang, 6 pp.

Feb 1961.
The Class and Vanguard Character of the
Party, by Le Duc Tho, 12 pp,
(pp 28-35).

JPRS 8914

The Book "The Revolutionary Road and
Its Historic Values," by Thao Giang,
15 pp, (pp 50-58).

Jun 1961, pp 60-62.
Introduction to the Book "A Glorious
Step Ahead for the Vietnamese Revolution,"
by Hoang Nhat Tan, 8 pp.

JPRS 8982

Jul 1961, pp 4-9, 37.
The Need to Overthrow the Extremely
Reactionary State Machinery of the
US - Diemists, by Luu Quy Ky, 8 pp.

JPRS 8918

Asia
Political (Contd)

Selected Articles From the Vietnamese
Newspaper Nhan Dan.

23 May 1961, p 4. Test Demonstration Class for Training Reform, by Duong Dinh Mac, 4 pp.	JPRS 10216
25 May 1961, p 1. Government Regulations Concerning Meet- ing and Training, 5 pp.	JPRS 10216
20 Jun 1961, p 4. The Results of Re-Education Campaign, by Le Tat Dac, 3 pp.	JPRS 10250
26 Jun 1961, p 4. On the 40th Anniversary of the Chinese Communist Party (1 July 1921), by Tran Huy Lieu, 8 pp.	JPRS 10250

Asia
Military

The Democratic Tradition of the People's
Liberation Army, by Tang Ping-chu,
20 pp.
CHINESE, per, Hung-ch'i, No 8, 1959,
pp 22-34.

JPRS 4820

Ethical Principles for Personnel of the
Self Defense Forces, 8 pp.
JAPANESE, pamphlet, Encl 1 to Desp 226,
AmEmbassy, Tokyo, 11 Sep 1961.

Dept of State

Japan Defense Forces Medical Journal, 10 pp.
JAPANESE, per, Vol VII, No 11, Nov 1960,
Incl 1 to R-92-61, OARMA, Tokyo.

319th MI
ACSI H-9018
ID 2162918

The Military Service System Must Be Car-
ried Out Correctly, by Tran Van Tra,
9 pp.
VIETNAMESE, per, Hoc Tap, No 3, 1961,
pp 13-20.

JPRS 8889

The Three-Firsts Movement in the Army,
by Tran Quoc Tuong, 7 pp.
VIETNAMESE, per, Hoc Tap, Jun 1961,
pp 55-59.

JPRS 8982

"Anti-Guerrilla Tactics" Will Not Save
the American-Diem Regime, by Nguyen Anh
Lan, 6 pp.
VIETNAMESE, np, Nhan Dan, 4 Jun 1961,
p 4.

JPRS 10189

Asia
Geographic

Natural Geography of the Northwest,
by Han Hsien-kang, 245 pp.
CHINESE, bk, Hsi-pei Tzu-jan Ti-li,
1958.

JPRS 10177

Communist China's Loess Plateau, by
Lee Hsueh-tseng, 120 pp.
CHINESE, bk, Huang T'u Kao Yuan, 1959,
100 pp.

JPRS 8881

Geographic Articles on Yunnan, Communist
China, On the Twelve Pan-na, 94 pp.
CHINESE, bk, Shih-erh Pan-na Chih, 1955,
pp 9-60, 118-148.

JPRS 8819

Economic Geography of T'ang-shan, by
Wei Hsin-chen, Chu Yun-ch'eng, (NY-6732).
CHINESE, bk, T'ang-shan Ching-chi Ti-li,
Apr 1959, pp 1-58.

*JPRS

Kweichow of the Fatherland, (SF-1997).
CHINESE, bk, Tsu-kuo te Kwei-chou,
Nov 1955, pp 3-21, 123-144, 104-113.

*JPRS

The Roles of Experiments, Abstraction and
Hypotheses in Scientific Research, by
Ho Tsu-hsiu, 16 pp.
CHINESE, per, Hung-ch'i, No 11, 1 Jun 1961,
pp 12-22.

JPRS 8960

New Tectonic Movement of Northeastern
Communist China and Its Effect on Physical
Geography, by Sun Chao-chun, 32 pp.
CHINESE, per, Ti-li Hsueh-pao, Vol XXV,
No 6, Dec 1959, pp 447-459.

JPRS 8851

Principles of Geomorphological Zoning,
by Chou Ting-ju, 26 pp.
RUSSIAN, bk, Fiziko-Geograficheskoye
Rayonirovaniye Kitaya, 1957, pp 46-64.
(Call No GB316, F56, Vol 1, E Tr)

AMS

To Lake Lop Nor, by Ye. I. Selivanov,
5 pp.
RUSSIAN, per, Priroda, No 6, 1958,
pp 67-70.

JPRS 8965

Asia

Geographic (Contd)

The Stony Forests of Southern China,
by D. V. Panfilov, 8 pp.
RUSSIAN, per, Priroda, No 9, 1958,
pp 92-95.

JPRS 8819

The Rivers of Northern Sinkiang, by
N. T. Kuznetsov, 6 pp.
RUSSIAN, per, Priroda, No 1, 1960,
pp 95-98.

JPRS 8965

Report of the Activities of the National
Geographic Service of the Republic of
Vietnam for 1959 and 1960.
VIETNAMESE, monograph, Phuc-Trinh Hoat
Dong Cua Nha Dia Du Quoc-Gia Nam 1959,
1960.

JPRS 10186

Asia
Sociological

Be a Superior Graduate, by Ch'eng Yu-ssu,
4 pp.
CHINESE, per, Chung-kuo Ch'ing-nien, No 8,
1961, pp 10-11.

JPRS 4911

The Problem of Themes: A Discussion, 9 pp.
CHINESE, per, Wen-yi Pao, No 3, 26 Mar 1961,
pp 2-6.

JPRS 4943

What Is Known About Discharge and Termina-
tion of Employment, by R. H. Widjajakusumah,
5 pp.
INDONESIAN, per, Fortuna, No 12, 1961,
pp 807-813.

JPRS 10493

Selected Articles From the Vietnamese
Periodical Hoc Tap.

No 3, 1961.
The Role and Function of People's Coun-
cils At All Levels Must Be Developed,
7 pp, (pp 1-5).

JPRS 8889

Experiences in Mobilizing Catholics to
Join Cooperatives in Nam Dinh Province,
by Nguyen Van Dat, 5 pp, (pp 51-53).

Feb 1961, pp 67, 68.
Book Publishing Must Be Improved, by
Nguyen Van Hai, 4 pp.

JPRS 8914

Jun 1961.
We Must Study, Support, and Develop
What Is New, by Nguyen Chi Thanh,
6 pp, (pp 1-4).

JPRS 8982

A Few Opinions on the Development of
Our Educational System, by Hoang Ngoc
Di, 10 pp, (pp 75-78).

Jul 1961, pp 26-31.
Some Views on the Old National Artistic
Heritage, by Luu Huu Phuoc, 8 pp.

JPRS 8985

Asia
Sociological (Contd)

Selected Articles From the Vietnamese
Newspaper Nhan Dan.

22 May 1961, p 4. JPRS 10216
The Integration of Oriental Medicine
Into Western Medicine, by Dinh Quang Thuy,
4 pp.

27 May 1961, p 4. JPRS 10216
Competitive Drive in the Army, by
Hong Cu, 4 pp.

1 Jun 1961, p 4. JPRS 10189
The Role of the Family in Children's
Education, by Truong Thi, 4 pp.

7 Jun 1961, p 4. JPRS 10250
Giving Special Attention to Consolida-
tion and Development of Child-Care Or-
ganizations, by Pham Ngoc Thach, 4 pp.

19 Jun 1961, p 4. JPRS 10250
Continual Improvement in Medical Treat-
ment, by Dinh Quang Thuy, 4 pp.

Selected Articles From the Vietnamese
Newspaper Thoi Moi.

JPRS 10230

No 2545, 8 Mar 1961, p 4.
A Visit to the Obstetrical Hospital,
by Hoang Giap, 4 pp.

No 2574, 12 Apr 1961, p 4.
A Visit to the Institute of Agricul-
ture and Forestry, by Quang Cat, 8 pp.

No 2586, 26 Apr 1961, p 4.
Visiting the Schools of Economics and
Finance, by Quang Cat, 5 pp.

No 2591, 1 May 1961, p 4.
Visiting the Thai Nguyen Steel and
Iron Works, by Nguyen Phuong, 9 pp.

Irresponsibility and Mechanistic Thinking
in the Medical Field, 4 pp.
VIETNAMESE, np, Thu Do Hanoi, No 784,
27 Apr 1961, p 3.

JPRS 10230

Asia
Biographic

Articles on the Leaders of the Indonesian
Communist Party, (SF-2011).
INDONESIAN, np, Harian Rakjat,
7-26 Sep 1955.

*JPRS

WESTERN EUROPE

Economic

The 1959 Budget. by Rozes, Michaudet,
7 pp.

FRENCH, per, Revue des PTT de France,
Jan/Feb 1959, pp 2-6.

USASIA: SC-375/60

Note on Problems of Regional Development
in the European Economic Community, 10 pp.
GERMAN, Encl 1 to ECBUS D-9, US Mission to
the European Communities, Brussels, 10 Jul
1961.

Dept of State

Hamburg's Analysis of Eastern Trade -
June 1961, 15 pp.
GERMAN, Encl 1 to 228-61 to USNA, Bonn,
21 Aug 1961.

Dept of Navy
ONI 5127162

Research Efficiency and Cost of Ore Trans-
port From a North Sea Port to a Ruhr Steel-
works, by W. H. Mieth.
GERMAN, Paper Presented at the International
Works Transport Conference, Milan, Jun 1961.

*BISI 2275

The Problem of the Change of Gauge on
European Railways, by Karl Heinz Brandt,
Herbert Berg.
GERMAN, per, Die Bundesbahn, No 10,
May 1960.

*529th MI Gp
H-7617
ID 2152362

Meat and Meat Products, by Friedrich
Kolling, 12 pp.
GERMAN, per, Bundes-Wehr-Verwaltung,
Aug 1959, pp 246-249.

ACSI H-6529
ID 2152360

Dust Control Problems in the Foundry In-
dustry, by U. Klinge.
GERMAN, per, Giesserei, Vol XLVII,
22 Sep 1960, pp 526-530.

BCIRA 1006

A Modern Continuous Pickling Process
(Spray Pickling), by H. Moehring.
GERMAN, per, Metall-Reinigung Vorbehand-
lung, Vol IX, Jan 1960, pp 3-9.

*BISI 2378

A Contribution to the Question of Grain
Size Behaviour in Steel, by A. Legat,
et al.
GERMAN, per, Radex Rundschau, Aug 1961,
pp 657-663.

BISI 2415

Western Europe
Economic (Contd)

Show on Scientific Exhibition, by
Schaeffer, 5 pp.
GERMAN, per, Radio und Fernsehen,
Vol IX, No 1, pp 3-4.

USASIA: SC-132b/60

Selected Articles From the German
Periodical Stahl und Eisen.

Vol LXXV, 19 May 1955, pp 633-640.
Conversion and Processing Cost Analysis
in Iron and Steel Works as a Guide to
Rationalization, by K. E. Poppe.

BISI 2355

Vol LXXX, 15 Sep 1960, pp 1261-1268.
Output Analysis on Continuous Rolling
Mills, by H. Bucken, V. Steinecke.

*BISI 2423

Vol LXXX, 27 Oct 1960.
The Department of Economic Production
Control in the Service of Top Manage-
ment. Part I. Functions and Position
of Production Control Within the Works,
by W. Schutte, (pp 1551-1553).

BISI 1974

New Methods of Production Planning, by
H. Spitzer, (pp 1618-1623).

*BISI 2433

Vol LXXX, 10 Nov 1960, pp 1711-1727.
The New Bremen Iron and Steelworks for
the Klockner-Werke AG in the North Sea
Coastal Region. Part II, by W. Heemeyer,
W. Asbeck.

BISI 1996

Vol LXXXI, 27 Apr 1961, pp 529-537.
Separate Ship-Discharging and Barge-
Loading in Sea Ports, by S. Strikwerda.

BISI 2294

Vol LXXXI, 20 Jul 1961, pp 977-987.
Budgetary Control and Standard Cost
Accounting in Iron and Steel Works.
Experiences With Budgetary Control at
Koninklijke Nederlandsche Hoogovens
en Staalfabrieken, by N. V. Ijmuiden.
Part I - Budgetary Control Seen From
the Top Management Point of View, by
J. F. Doesschate. Part II - Budgetary
and Standard Cost Control Seen From
the Cost Office Point of View, Il-
lustrated by the Blast Furnace Plant
as an Example, by F. W. E. Spies.

*BISI 2381

Western Europe
Economic (Contd)

Selected Articles From the German
Periodical Stahl und Eisen. (Contd)

Vol LXXXI, 28 Jul 1961, pp 987-990.
Budgetary Control and Standard Cost
Accounting in Iron and Steel Works.
Experience in Standard Costing at
Italian Steelworks, Taking Cornigliano
S.p.A. as an Example. I. Introduction
of a Standard Costing System as a Tool
for Top Management, by R. M. Gavelo.
II. Comments on Standard Costing at
Cornigliano S.p.A., by J. Rauen.

BISI 2382

Vol LXXXI, 3 Aug 1961, pp 1093-1094.
Steel Consumption in Developing Coun-
tries, by C. Suendorf.

BISI 2425

Beverly Hills in the Alps, by Geoffrey Bocca,
6 pp.

GERMAN, np, Weltwoche, No 1452, 8 Sep 1961,
Encl 1 to Desp 259, AmEmbassy, Bern,
18 Sep 1961; CERP, Section D-12.

Dept of State

Drawing of Bars and Tubes on Modern
Drawbenches, by H. Makelt.

GERMAN, per, Z fuer Metallkunde,
Vol LII, Jan 1961, pp 69-75.

BISI 2408

Italo-Czechoslovak Agreement 1962-1965,
Dated 7 July 1961, 12 pp.
ITALIAN, Encl 1 to Desp 182, AmEmbassy,
Rome, 28 Aug 1961; CERP D-11; Rome D-1002,
9 May 1961; D-12, 22 Jun 1961.

Dept of State

Western Europe
Political

The Paris Commune and Internationalism,
by Chang Tzu-fan, 31 pp.
CHINESE, per, Li-shih Yen-chiu, No 2,
1961, pp 41-58.

JPRS 4926

Regulation Number 14 Concerning the First
Measures for the Realization of the Free
Movement of Workers Within the Community,
19 pp.

FRENCH, Encl 1 to ECBUS D-59, US Mission to
the European Communities, Brussels,
10 Aug 1961, ECBUS D-407, 15 Jun 1961.

Dept of State

Directive Relating to Procedure and Adminis-
trative Practices Concerning the Introduc-
tion, the Employment and the Residence of
Workers From One Member State, as Well as
of Their Families, in the Other Member States
of the Community, 5 pp.

FRENCH, Encl 2 to ECBUS D-59, US Mission
to the European Communities, Brussels,
10 Aug 1961, ECBUS D-407, 15 Jun 1961.

Dept of Stat

Regulation Concerning the Functions and the
Organization of the Office of the Quarter-
master General, 10 pp.

FRENCH, rpt, Arrete Relatif Aux Attributions
et a l'Organization de la Direction Centrale
de l'Intendance, 8 Aug 1961, pp 3571-3577.

ACSI I-0176
ID 2180070

Report of the Federal Council on Its
Administration in 1959.

FRENCH, rpt, Rapport du Conseil Federal
sur sa Gestion en 1959, pp 16-17, 21,
25-29.

ACSI H-9893
ID 2174781

Controversies in the Italian Socialist
Party -- An Austrian Communist View, by
Peter Gellert, 11 pp.

GERMAN, per, Weg und Ziel, Vol XIX, No 5,
1961, pp 326-337.

JPRS 8997

Socialism and Democracy and Socialist
Criticism of Communist Power, by
Francesco De Martino, 8 pp.

ITALIAN, np, Avanti, No 126,
28 May 1961, pp 1, 10.

JPRS 8997

Western Europe
Political (Contd)

Corrispondenza Socialista Criticizes
Togliatti on Socialism and Democracy,
by Antonia D'Ambrosio, 14 pp.
ITALIAN, per, Corrispondenza Socialista,
No 4, 1961, pp 200-206.

JPRS 8997

Socialism and Democracy, by Palmiro
Togliatti, 16 pp.
ITALIAN, per, Rinascita, Vol XVIII, No 4,
1961, pp 353-363.

JPRS 8997

Nenni on Socialism and Democracy, by
Palmiro Togliatti, 5 pp.
ITALIAN, per, Rinascita, No 5, 1961,
pp 433-435.

JPRS 8997

The PCI Pursues Them Even to the Other
World - The Communists of Bologna Become
Capitalists and Now Control Funerals With
Business Evaluated at Ten Billion Lire
Annually, 3 pp.
ITALIAN, np, Gente, Aug 1961, Encl to
R-938-61, OUSARMA, Rome, Italy, Aug 1961.

ID 2178614

West Germany Is Becoming the Center of
War Danger in Europe, by S. Tsedendamba,
3 pp.
MONGOLIAN, np, Unen, 3 Apr 1961, p 4.

JPRS 8792

Spanish Law No 48/1960 Dated July 21, 1960,
Concerning Air Navigation, 32 pp.
SPANISH, Encl 1 to Desp 68, AmEmbassy,
Madrid, 26 Jul 1961; Endes. 693, 23 May
1961; Dept G-87, 19 Apr 1961; Embassy
D-36, 27 Jul 1960.

Dept of State

A Glance at Madrid Speech, by Alonso
Zamora Vicente, 7 pp.
SPANISH, per, ABC, No 74, 11 Jun 1961,
p 3.

JPRS 8904

Establishment and Operation of Over-
seas Civilian Flying Schools - Decree
No 43 808, 5 pp.
SPANISH, per, Diario do Governo, No 167,
20 Jul 1961; Encl 1 to R-103-61, OUSARMA,
Lisbon, Portugal, 20 Jul 1961.

ID 2177988

Western Europe
Military

Memorandum on Projectiles With Independent Hollow Charge, 105T59 Fuel
From Gun DI 504, 3 pp.

FRENCH, memo, Notice Sur Les Projectiles a Charge Creuse Libre de 105T59 Tires par Le Canon DI 504, Incl 1 to R-352-61.

525th MI Gp
ACSI H-9971
ID 2175245

Ordnance Corps of the Ground Forces, by Jean G. Pichard.

FRENCH, per, L'Armee, Mar/Apr 1961, No 10, pp 52-68.

*ACSI H-9892
ID 2174780

To Conquer Fear of Emptiness.

FRENCH, per, Nos Forces Magazine Militaire Belge, No 46, 15 Jun 1961, pp 4-7.

*ACSI I-0080
ID 2174799

Twenty-Eight-Day Menu for Use in Stockpiling Provisions, 40 pp.

GERMAN, rpt, 28-Tagiger Speiseplan fuer der Vorrat an Einssatsverplasegung.

QMIA 6860 (010)

Service Regulation 41/5: Operating Instruction for the 107-mm Recoilless Gun.

GERMAN, bk, DV-41/5 Bedienungsanleitung fuer das 107-mm Rueckstossfreie Gaschuetz, 1958.

ACSI H-8824
ID 2164448

Troop Subsistence Through Contract Caterers, 4 pp.

GERMAN, per, Ministerialblatt des Bundesministers fur Verteidigung, No 15, Jun 1961, pp 254-256.

ACSI H-9825
ID 2174765

Wholesome Troop Food.

GERMAN, per, Der Schweizer Soldat, No 18, May 1961, pp 421-426.

*ACSI I-0177
ID 2180071

Characteristics and Requirements of a Modern Army, by Giorgio Liuzzi, 11 pp.
ITALIAN, rpt, Rivista Militare, May 1961; Encl to R-664-61, OARMA, Rome.

ID 2178143

Firing Plotter, 22 pp.

SPANISH, per, Telegoniografo de Tiro - Texto, Incl A-43-60.

ACSI H-8385-A
ID 2161155

Western Europe
Military (Contd)

Figures and Photographs, 22 pp.
SPANISH, per, Telegrafiografo de
Tiro - Figuras y Fotografias, Incl
A-43-60.

ACSI H-8385-B
ID 2161155

Sociological

Shelter Areas as a Means of Protecting
the Civilian Population Against Air
Bombings, by A. De Smet, 9 pp.
FRENCH, rpt, Les Lieux de Refuge Comme
Moyen de Protection des Populations
Civiles Contre les Bombardements
Aeriens.

ACSI H-9891

LATIN AMERICA

Political

The "Peasant Leagues" of Francisco Guillion, by Jasa Almuli, 10 pp.
CROATIAN, per, Komunist, Vol XIX, No 220, 13 Jul 1961, p 2.

JPRS 10324

Victorious Advance of the Cuban Revolution, by Zbynek Vokrouhlicky, 14 pp.
CZECH, per, Nova Mysl, No 6, 1961, pp 754-762.

JPRS 8962

The Mirage of Cuban Socialism, by Boris Goldenberg, (DC-6357).
GERMAN, per, Aussen Politik, No 8, 1961, pp 521-529.

*JPRS

The Shadow of Cuba on Latin-America, by Peter Grubbe, (DC-6357).
GERMAN, per, Aussen Politik, No 8, 1961, pp 530-536.

*JPRS

Cuban Television, by Von Itiel Perez, (DC-6357).
GERMAN, per, Neue Deutsche Presse, No 9, 1961, pp 28-29.

*JPRS

Adoption of Regulations Governing Operation of Colombian Ports Corporation, 5 pp.
SPANISH, Encl 2 to Desp 147, AmEmbassy, Bogota, 19 Sep 1961.

Dept of State

The Supreme Decree Establishing the Basis for Operation of the Triangular Plan, 8 pp.
SPANISH, np, El Diario, 1 Sep 1961; Encl 1 to Desp 138, AmEmbassy, La Paz, 11 Sep 1961, Embtel 242.

Dept of State

Foreign Minister Manuel Tello's Address on US - Mexican Relations, 5 pp.
SPANISH, np, Excelsior, 24 Aug 1961, Encl 1 to Desp 251, AmEmbassy, Mexico, D.F., 25 Aug 1961.

Dept of State

Latin America
Political (Contd)

Political Situation. Parallel Lives:
The Institutional Course of Argentina
and Brazil; Double Source of Power; Period
of Transition; Continuity; Safety Valves,
3 pp.
SPANISH, np, La Nacion, 8 Sep 1961;
Encl 1 to Desp 342, AmEmbassy, Buenos Aires,
14 Sep 1961.

Dept of State

Discussion on Committees for the Defense
of the Revolution, (DC-6360).
SPANISH, np, Revolucion, 23, 25 Sep 1961.

*JPRS

Plenary Meeting on Production for Greater
Havana, (IC-6360).
SPANISH, np, Revolucion, 25 Sep 1961.

*JPRS

Speech on Development of Cuban National
Culture, by Edith Garcia Buchaca, (DC-6360).
SPANISH, np, Revolucion, 25 Sep 1961.

*JPRS

Geographic

Manual for West Indies, Part I - The North
Coast of South and Central America.
GERMAN, bk, Publ by Deutsches Hydrographi-
sches Institut, No 2048, 3rd Ed., 1958,
pp 118-153.

Navy 2875/HO 66

Hydrography and Phytoplankton of the
Castellon Coast From July 1956 to
June 1957, by J. Herrera, R. Margaleff.
SPANISH, per, Investigacion Pesquera,
No 10, 1957, pp 17-44.

CSIRO Tr 5279

The Origin of the Campos "Cerrados" of
Brazil, With Some New Observations on
Their Southern Limits, by K. Hueck.
SPANISH, per, Revista Brasileiro de
Geografia, Vol XIX, No 1, 1957, pp 67-82.

CSIRO Tr 5261

SCIENTIFIC

Aeronautics

On the Flow of Wet Air in the Nozzles of Wind Tunnels, by A. S. Danilov.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, Mekh i Mash, No 6, 1960, pp 24-37.

*FTD TT-61-159

Problems of the Strength of ZhRD (Liquid-Fuel Rocket Engine) Burner With Connected Envelopes, by S. A. Dubenets, 19 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved Aviat Tekh, No 1, 1958, pp 133-142. 9663477

FTD MCL-1176/1

On the Calculation of High Pressure Balloons, by B. M. Lukyanov, 13 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved Aviat Tekh, No 1, 1959, pp 125-133.

FTD MCL-1167/1

Self-Trimming of Supersonic Wings With Variable Sweepback of the Leading Edge, by Ye. V. Bulygina.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Aviat Tekh, No 4, 1960, p 10.

*FTD TT-61-189

On Board the Morane-Saulvier 1500 Epervier, by Jacques Noettinger, 5 pp.

FRENCH, per, Aviation, pp 13, 14.

142 MI Linguist Co
ACSI H-8048
ID 2158061

Breguet Br - 941, 13 pp.

FRENCH, per, Aviation Magazine, 15 May 1961, pp 67-80.

ACSI H-9792
ID 2174762

Adaption of a Flapping Rudder Wing to the Follow-Up Wing, by Wilhelm Schmidt.

GERMAN, per, Deutsche Flugtechnik, No 11, 1960, pp 350-352.

*FTD TT-61-125

Scientific
Astronomy

Hydrogen Emission and Two Types of Auroral Spectra, by G. I. Galperin, 6 pp.
RUSSIAN, rpt.

On Hydrogen Emission in the Night Glow, by I. S. Shklovsky, 3 pp.
RUSSIAN, rpt.

Certain Results of Studying Tremors From Star Traces, by G. Ya. Vasil'yeva, 12 pp.
RUSSIAN, bk, Trudy Soveshchaniya po Issledovaniyu Mertsaniya Zvezd, Moscow-Leningrad AN SSSR, 1959, pp 165-173.
9663468

New Classes of Periodic Solutions in the Restricted Three-Body Problem, by V. G. Demin, 4 pp.
RUSSIAN, per, Astron Zhur, Vol XXXVIII, No 1, 1961, pp 157-163.

Radio Emission From Comets, by O. V. Dobrovol'skiy, 16 pp.
RUSSIAN, per, Byul Inst Ak Nauk Tadzh SSSR, No 26, 1958, pp 3-11. 9663457

Astronomy of the Far Ultraviolet, by I. P. Tindo.
RUSSIAN, per, Nauka i Zhizn, No 11, 1960, pp 41-45.

Planetary and Space Sci
Vol I, No 1, 1959
PP

Planetary and Space Sci
Vol I, No 1, 1959
PP

FTD MCL-1202/1

Interntl Phys Index
Phys Express
Vol III, No 10

FTD MCL-1221/1

*FTD TT-61-116

Scientific
Biology

Alphabetical List of Palynologists of
the Soviet Union, by L. A. Kupriyanova, L.
A. Aleshina, (SF-2010).

RUSSIAN, booklet and Supplement, Adreshnaya
Kniga Palinologov Sovetskogo Soyuz, 1961,
pp 7-57.

*JPRS

The Herring of the North European Basin and
Adjacent Seas, by L. W. Scattergood.

RUSSIAN, bk, Polyarnyy Nauchno-Issled
In-ta Morskogo Rybnogo Khozyaystva i
Okeanografii, No 9, Murmansk, 1956.

DSIR LLU M.1914

Life in a Sputnik, by P. Isakov, (SF-2022).

RUSSIAN, bk, Stantsii v Kosmose, Sbornik
Statey, 1960, pp 214-223.

*JPRS

Man Prior to Starting Into Space, by Ye.
Yugov, A. Serov, (SF-2022).

RUSSIAN, bk, Stantsii v Kosmose, Sbornik
Statey, 1960, pp 224-299.

*JPRS

Wintering of Plants, by I. M. Vasil'yev.

RUSSIAN, bk, Zimovka Rastenii, 1956, 307 pp.

AIBS

The Effect of Ionizing Radiations on Plants, by
I. M. Vasil'yev, 20 pp.

RUSSIAN, per, Agrobiologiya, No 2 (128),
Mar-Apr 1961, pp 259-269.

JPRS 10131

A Colorimetric Investigation of Sight in
Cephalopoda, by O. Yu. Orlov, A. L. Byzov,
(DC-6355).

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIX,
No 3, 1961, pp 723-725.

*JPRS

On the Nature of Sounds Produced by Certain
Black Sea Fishes, by V. R. Protasov, Ye. V.
Romanenko, (DC-6355).

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIX,
No 3, 1961, pp 726-728.

*JPRS

Biology and the Cosmos.

RUSSIAN, np, Izvestiya, 28 Mar 1961,
p 6, Col 1-4.

*FTD TT-61-168

Scientific
Biology (Contd)

Bionics -- A New Science, by L. Zotov,
A. Voskresenskiy, 4 pp.
RUSSIAN, np, Izvestiya, 31 August 1961, p 2.

JPRS 10142

Ultrasonic Waves and Certain Problems of
Modern Biology, by I. Ye. El'piner, 39 pp.
RUSSIAN, per, Iz Ak Nauk SSSR, Ser Biol,
No 3, 1961, pp 412-423.

JPRS 10188

The Activity of Microbiological Institutes
in Bulgaria, by Ye. N. Mishustin, 14 pp.
RUSSIAN, per, Iz Ak Nauk SSSR, Ser Biol,
No 3, May/Jun 1961, pp 472-482.

JPRS 8878

Temperature as a Factor in the Distribution
of Bivalve Molluscs in Eastern Murman, by
N. M. Miloslavskaya,
RUSSIAN, per, Trudy Murmanskoi Biol Stantsii,
Vol IV, 1958, pp 140-150.

DSIR LLU RTS 1637

Concerning Soviet Botany and Mycology, by G.
I. Bilyk, M. Ya. Zerova, 16 pp.
RUSSIAN, per, Ukrayins'kyi Botan Zhur,
Vol XVIII, No 2, 1961, pp 99-106.

JPRS 10172

Selected Articles From the Russian
Periodical Uspekhi Sovrem Biol, Vol LII,
No 4, 1961, (SF-2005).

*JPRS

Modern Methods for the Isolation of Pure
Antibodies, by R. S. Nezhlin, (pp 19-39).

Concerning Antienzymes-Antibodies, by
I. V. Domaradskiy, (pp 40-52).

Radiation Disturbances of Immunity in the
Light in Modern Theories of Immunity, by
V. L. Troitskiy, (pp 53-64).

Transplantation of Hemopoietic Tissue to
Irradiated Animals, by Ye. A. Luriya,
(pp 65-78).

The Reproduction and Transfer of Information
During the Synthesis of Biological
Macromolecules, by Zh. A. Medvedev, (DC-6373).
RUSSIAN, per, Zhur Vses Khim Obshch imeni
D. S. Mendeleyeva, Vol VI, No 3, 1961,
pp 268-276.

*JPRS

Scientific
Biology (Contd)

Electron Paramagnetic Resonance of
Biopolymers, by L. A. Blyumenfeld',
(DC-6373).
RUSSIAN, per, Zhur Vses Khim Obschh
imeni D. S. Mendeleyeva, Vol VI, No 3,
1961, pp 319-324.

*JPRS

Congregations of Bot-Fly Males on the
Highest Points in the Locality and Their
Cause, by K. Grunin.
RUSSIAN, per, Zool Zhur, Vol XXXVIII, No 11,
1959, pp 1683-1688.

CSIRO Tr 5416

Comparison Between the Mineral Nutrition of
Plants Growing in Nutrient Solutions and in
Cultivated Soils, by R. Blanchet.
FRENCH, per, L'Annee Biologique, Vol XXXV,
No 3/4, 1959, pp 127-150.

CSIRO Tr 5317

The Southern Crayfish (*Jasus Lalandii*),
by P. Grua.
FRENCH, per, Terres Australes et
Antarctiques Francaises, No 10, 1960,
pp 15-40.

CSIRO Tr 5380

Plant Growth Under Conditions of Drought,
by G. Makkink.
GERMAN, per, Stikstof, Vol II, No 24,
1959, pp 420-430.

CSIRO Tr 5024

Studies on the Patchiness of Lupine Stems
Caused by *Phomopsis Leptostromiformis* (Kuhn)
Bubak, by J. Kochman, 19 pp.
POLISH, per, Acta Agrobotanica, Vol VI,
1957, pp 117-143. 9081630

OTS 60-21239
PL 480

The Tapeworms of the Druzno Lake Birds
(The Anseriformes Excepted), by K. Rybicka,
25 pp.
POLISH, per, Acta Parasitologica Polonica,
Vol VI, No 4, 1958, pp 143-178. 9081631

OTS 60-21231
PL 480

Scientific
Biology (Contd)

New Biotores and New Forms of Some
Thysanoptera Species, by Katarzyna
Seczkowska, 3 pp.

POLISH, per, Annales Universitatis
Mariae Curie-Sklodowska, Sec C, Vol XIII,
No 7, 1958, pp 127-130. 9081621

OTS 60-21403
PL 480

Studies on the Genus Lecanium Burm. Part III.
Lecanium Sericeum Ldgr. (Homoptera, Lecanidae),
by Z. Kawecki, 9 pp.

POLISH, per, Polskie Pismo Entomologiczne,
Vol XXV, No 14, 1955, pp 213-226. 9081625

OTS 60-21405
PL 480

New Oleaginous Plants, by K. Moldenhawer 9 pp.

POLISH, per, Przemysl Rolny i Spozywczy,
Vol VII, No 2, 1957, pp 58-62. 9081619

OTS 60-21413
PL 480

Pathogenic Beauveria Genus Fungi of the
Colorado Beetle, by Anna Blonska, 14 pp.

POLISH, per, Roczniki Nauk Rolniczych,
Vol LXXIV, Ser A, No 2, 1957, pp 359-372.
9081622

OTS 60-21411
PL 480

Nomenclature of the Subspecies and Varieties
of Arachis Hypogaea L., by A. Krapovickas,
V. Rigoni.

SPANISH, per, Revista de Investigaciones
Agricolas, Vol XIV, No 2, 1960, pp 197-228.

CSIRO Tr 5272

Scientific
Chemistry

Soviet Electrochemistry, (Proceedings of
the Fourth Conference on Electrochemistry).
RUSSIAN, papers.

CB

Fundamental Problems of Chemical Kinetics
[Paper Read at 8th Mendeleev Conference
on General and Applied Chemistry], by N. N.
Semenov, 34 pp.
RUSSIAN, bk, Osnovnyye Problemy Khimicheskoy
Kinetiki; Doklad na VIII Mendelevskom
Sbezhde po Obshchey i Prikladnoy Khimii,
1959, 26 pp. 9671212

FTD MCL-913/1

Physico-Chemical Principles of Vacuum-Thermic
Treatment of Lithium, by T. F. Fedorov, F. I.
Shamray, 17 pp.
RUSSIAN, bk, Primeneniye Vakuuma v Metal-
lurgii, 1960, pp 137-142. 9668471

FTD MCL-962/1

Corrosion of Steels in Sea Water, by A. A.
Babakov, et al.
RUSSIAN, bk, Spetsial'nye Stali i Splavy,
Tsentr Nauch-Issled Inst Chernoi Metal,
1960, pp 228-246.

BISI 2125

Technology of the Treatment of Uranium
Concentrates, by N. P. Galkin, A. A. Mayorov,
V. D. Veryatin, 136 pp.
RUSSIAN, rpt, Tekhnologiya Pererabotki
Kontsentrator Urana, 1960. 9080195

AEC Tr-4514

Change in the Hydrophilic Behaviour of
Cellulose in the Papermaking Process, by
R. V. Voitsekhovskiy.
RUSSIAN, per, Bumazhnaya Prom, Vol XXXIII,
No 6, 1958, pp 2-5.

DSIR LLU M.1896

Selected Articles From the Russian
Periodical Dok Ak Nauk SSSR.

Vol XCIII, No 1, 1953, pp 51-54.
Passive Orientating Influence of a
Solid Base on Crystal Growth, by
P. A. Shumskiy.

Navy 2892/APL T-207

Scientific
Chemistry (Contd)

Selected Articles From the Russian
Periodical Dok Ak Nauk SSSR. (Contd)

- Vol CI, 1955, pp 115-118. DSIR LLU M.1958
The Influence of the Rate of Heating of
Fuel Particles on Their Thermal Decom-
position, by A. P. Kashurichev, Z. F
Chukhanov.
- Vol CXXXI, No 2, 1960, pp 321-324. CSIRO
On the Problem of Mechanism of the Reaction
of Addition of Silicon Hydrides to Unsaturated
Compounds in the Presence of Platinised
Carbon and Chloroplatinic Acid, by V. A.
Ponomarenko, et al.
- Vol CXXXVII, No 1, 1961, pp 123-125. Navy 2911/APL T-241
The Nature of the Fluctuation Bands of Boric
Acid, by A. A. Mal'tsev.
- Solubility of Water in Slags, by L. N. Barmar,
et al.
RUSSIAN, per, Iz Vysshikh Ucheb Zaved,
Chern Metal, No 6, 1958, pp 65-73. *BISI 2437
- Elimination of Hydrogen From Steel Baths
by Flushing With Gases, by B. A. Baum,
K. T. Kurochkin, P. V. Umrikhin.
RUSSIAN, per, Iz Vysshikh Ucheb Zaved,
Chern Met, No 2, 1961, pp 22-33. HB 5151
- The Part Played by Manganese in the Electro-
lytic Deposition of Zinc, by R. S. Vakhidov,
G. Z. Kir'yakov.
RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Khim
1 Khim Tekh, No 2, 1959, pp 238-243. DSIR LLU RTS 1626
- Hydrogen Overvoltage on Porous Iron and
Iron-Nickel Cathodes in Electrolysis of a
Sodium Chloride Solution, by I. B. Barmashenko,
L. A. Gorbachevskaya.
RUSSIAN, per, Iz Vysshikh Ucheb Zaved,
Khim i Khim Tekh, Vol III, No 4, 1960,
pp 699-706. *FTD TT-61-134

Scientific
Chemistry (Contd)

Conference on Kinetic Methods of Analysis,
by V. P. Vasil'yev, V. D. Korableva,
K. B. Yatsimirskiy, 7 pp.
RUSSIAN, per, Iz Vysshikh Ucheb Zaved SSSR,
Khim i Khim Tekh, Vol III, No 6, 1960,
pp 1113-1116.

JPRS 4996

Second All-Union Conference of Chemical
Analysts From the Rubber Industry, by V. N.
Provorov, 4 pp.
RUSSIAN, per, Kauchuk i Rezina, No 6, 1961.

JPRS 4971

Some Problems of Catalytic Production of
Liquid P-Hydrogen, by R. A. Buyanov, A. G.
Zel'dovich, Yu. K. Pilipenko.
RUSSIAN, per, Khim Prom, No 2, 1961, pp 105-108.

*FTD TT-61-192/1

Production of Hydrogen Fluoride From Silicon
Tetrafluoride, by I. M. Boguslavskiy, S. I.
Vol-Fkovich, et al.
RUSSIAN, per, Khim Prom, No 7, 1961, pp 6-9.

*FTD TT-61-105

Possibilities of Reducing Carbon Disulphide
Consumption in Staple Fibre Plants, by G. A.
Boronichev.
RUSSIAN, per, Khim Volokna, No 1, 1959, p 53.

DSIR NLL M.2389

The Problem of the Evaluation of the Quality of
Viscose Cellulose, by A. G. Yasunskaya.
RUSSIAN, per, Khim Volokna, No 1, 1960, pp 23-26.

DSIR LLU M.2284

The Control of Spinning Jet Blockage With
the Aid of An Epidiascope, by Yu. V.
Glazkovsky.
RUSSIAN, per, Khim Volokna, No 1, 1960,
pp 50-51.

DSIR NLL M.2334

Problems of the Kinetics and Mechanism of
Radiation-Chemical Reactions (Second All-Union
Conference on Radiation Chemistry), by Yu. A.
Kolbanovskiy, 13 pp.
RUSSIAN, per, Kinetika i Kataliz, Vol II,
No 1, 1961, pp 154-159.

JPRS 10242

Scientific
Chemistry (Contd)

Determination of the Resistance of Coals
to Oxidation, by V. V. Bogoyavienskiy, V.
G. Petrenko.
RUSSIAN, per, Koks i Khimiya, Feb 1957,
pp 3-7.

Broken Hill Proprietary
Co Ltd
CRL/T.542

The Temperature Deformation Rate Factor in
the Plastic Deformation of Metals, by N. P.
Ageyev.
RUSSIAN, per, Kuznechno-Shtampovochnoye
Proiz, No 7, 1960, pp 17-21.

BISI 2282

The Automation of Chemical Production
Processes, by N. N. Yelshin, (DC-6347).
RUSSIAN, per, Mekh i Avtomat Proiz, Vol XV,
No 3, 1961, pp 4-10.

*JPRS

Certain Problems of Automatic Control and
Regulation in the Production of Phenol-
Formaldehyde Resins, by N. Ya. Parlashkevich,
Yu. M. Luzhkov, A. V. May, et al. (DC-6347)
RUSSIAN, per, Mekh i Avtomat Proiz, Vol XV,
No 3, 1961, pp 17-20.

*JPRS

Free Radicals, by V. I. Vedeneyev.
RUSSIAN, per, Priroda, No 12, 1960,
pp 10-16.

*FTD TT-61-131

Selected Articles From the Russian
Periodical Radiokhimiya.

Vol I, 1959, pp 660-664.
Chemistry of the Uranates of Some Group
II Elements, by E. A. Ippolitova, Yu. P.
Simanov, L. M. Kovba, G. P. Polunina,
I. A. Bereznikova, 7 pp.

AEC DEG-Inf-Ser-145

No 1, 1960.
Effects of Temperature on the Extraction of
the Nitrates of Uranyl, Pu, Ru, and Zr Into
Tributyl Phosphate, by V. B. Shevechenko,
et al, (pp 6-12).

Infosearch RK-60/1.2

Effects of Temperature on the Extraction
of Nitric Acid Into Tributyl Phosphate,
by N. M. Adamskie, et al, (pp 13-19).

Infosearch RK-60/1.3

Scientific
Chemistry (Contd)

Selected Articles From the Russian
Periodical Radiokhimiya. (Contd)

No 1, 1960.

The Structure of Uranyl Nitrate Hexahydrate,
by V. M. Vdovenko, et al, (pp 24-31).

Infosearch RK-60/1.5

Assessment of the Charge of a Multinuclear
Coordination Ion of Ruthenium by Means of Ion
Exchange, by A. A. Grinberg, et al, (pp 78-82).

Infosearch RK-60/1.13

No 2, 1960, pp 164-174.

Coprecipitations of Ce(III) With Uranium
Oxalate, by D. N. Bykhovskiy.

Infosearch RK-60/2.6

No 3, 1960.

Effects of Aliphatic and Aromatic Hydro-
carbons on the Extraction of U(VI), Pu(IV),
Zr(IV), and Ce(III) From Solutions in Nitric
Acid by Means of Tri-n-Butyl Phosphate, by
V. B. Shevchenko, (pp 218-290).

Infosearch RK-60.313

Extraction of Plutonium by Means of Tributyl
Phosphate. Part 2. Effects of Temperature
on Partition of Pu(IV), by E. I. Moiseyenko,
A. M. Rozen, (pp 274-280).

AEC DEG-Inf-Ser-315

Spectrophotometric Study of the Nitrate
Complexes of Plutonyl. Part I. Acetone, by
V. M. Vdovenko, et al, (pp 301-306).

Infosearch RK-60/3.6

Spectrophotometric Study of the Nitrate
Complexes of Plutonyl, by V. M. Vdovenko,
et al, (pp 307-311).

Infosearch RK-60/3.7

Neptunyl Trinitrate, by V. M. Vdovenko,
et al, (pp 312-314).

Infosearch RK-60/3.8

Oxalate Compounds of Np(IV), by
P. I. Kondratov, et al, (pp 315-319).

Infosearch RK-60/3.9

Plutonyl in Nitric Acid. Part III.
Stability, by V. D. Nikol'skiy, (pp 320-329).

Infosearch RK-60/3.10

Scientific
Chemistry (Contd)

Selected Articles From the Russian
Periodical Radiokhimiya. (Contd)

No 3, 1960.

Solubility of Ammonium Plutonyl Carbonate
in Various Aqueous Solutions, by
L. E. Drabkina, (pp 377-378).

Infosearch RK-60/3.18

Symposium on the Theory of Solvent Extraction,
by A. A. Lipovskiy, (pp 379-380).

Infosearch RK-60/3.19

Vol III, No 3, 1961, pp 348-355.

A Rapid Method of Determining Thorium,
Radium and Lead in Monazites, by K. S.
Ivanova.

*AERE, Harwell Tr No 1543

The 30th Anniversary of the Voronezh Chemical-
Technological Institute, by S. Z. Ivanov,
S. Ye. Kharin, 4 pp.
RUSSIAN, per, Spiritovaya Prom, No 5, 1961,
pp 42-43.

JPRS 10419

Selected Articles From the Russian Periodical
Trudy Inst Goryuchikh Iskopaemykh, Vol XI, 1959.

Investigation of Gasification Processes of
Solid Fuel by an Isotope Method, by
I. G. Petrenko, 16 pp, (pp 5-22). 908088

AERE Tr-865
Harwell

Thermodynamics of Gasification Reactions,
by N. V. Lavrov, V. I. Filippova,
V. V. Korobov, I. I. Chernenkov, 9 pp,
(pp 24-29).

AERE-Tr-861
Harwell

The Kinetics of the Reaction of Carbon
With Carbon Dioxide Gas and Water Vapour,
by P. N. Galushko, B. V. Kantorovich, 7 pp,
(pp 39-45). 908087

AERE Tr-862
Harwell

Analysis of the Process of Combustion of
Carbon in a Bed by the Method of Similarity,
by G. Ya. V'yugova, Ya. I. Chesnokov, 8 pp,
(pp 133-138). 908083

AERE Tr-866
Harwell

Some Features of the Decomposition of Carbon
Monoxide Into C and CO₂ in the Presence of
Fused-Iron Catalysts, by A. N. Bashkirov,
E. V. Kamzolkina, et al.
RUSSIAN, per, Trudy Inst Nefti Ak Nauk SSR,
Vol XII, 1958, pp 213-227.

*AERE, Harwell
Tr No 1522

Scientific
Chemistry (Contd)

Investigation of the Process of Chemisorption
of CO₂ by Solutions of NaOH and KOH in a Packed
Column, by A. G. Kasarkin, et al.
RUSSIAN, per, Trudy Moskov Khim-Tekh Inst,
No 24, 1957, pp 389-404.

DSIR LLU M. 2267

Transactions of the V. G. Khlopin Radium
Institute, 322 pp.
RUSSIAN, per, Trudy Radiofizicheskogo Instituta imeni
V. G. Khlopina, Vol V, No 11, 1957. 9080947

AEC Tr-4498

Investigation of the Kinetics of Reactions
Between Primary Aromatic Amines and Picryl
Chloride in Benzene Solution, by
L. M. Litvinenko, et al.
RUSSIAN, per, Ukrain Khim Zhur, Vol XXV,
No 2, 1959, pp 189-195.

DSIR LLU M. 2041

Advances in the Field of Alkylpyridine
Synthesis, by L. I. Vereshchagin, I. L.
Kotlyarevskiy, (DC-6352).
RUSSIAN, per, Uspekhi Khim, Vol XXX, No 8,
1961, pp 982-1012.

*JPRS

Structure of Polymers, by V. A. Kargin,
10 pp.
RUSSIAN, per, Vest Ak Nauk SSSR, No 4, 1961,
pp 19-26.

JPRS 10386

Tendencies in the Development of Modern
Crystallography (Summary of the 5th International
Congress of Crystallographers), by N. V. Belov,
B. K. Vaynshteyn, 7 pp.
RUSSIAN, per, Vest Ak Nauk SSSR, No 4, 1961,
pp 99-104.

JPRS 10388

The Effect of Sulphuric Acid Concentration
of the Anodic Corrosion of Lead and Some of
its Alloys, by I. A. Aguf, M. A. Dasoyan.
RUSSIAN, per, Vest Elektroprom, Vol XI,
1958, pp 36-39.

RAE 909

The Chemical Structure and the Biological
Activity of Organophosphorus Inhibitors of
Cholinesterase, by R. I. Volkova, N. M.
Godovikov, M. I. Kabachnik, 14 pp.
RUSSIAN, per, Voprosy Med Khim, Vol VII,
No 3, 1961, pp 250-258.

JPRS 10397

Scientific
Chemistry (Contd)

The Structure of Cellulose. Parts I, II, by
A. I. Kitaigorodskiy, D. Ya. Tsvankin.
RUSSIAN, per, Vysokomolekulyarnye Soyedineniya,
Vol I, No 2, 1959, pp 269-286.

DSIR LLU RTS 1595

Synthesis and Investigation of High-Molecular-
Weight Tertiary Amines and Quaternary Ammonium
Compounds From Copolymers of 2-Methyl-5-
Vinylpyridine and Various Cross-Linking Agents,
9 pp.
RUSSIAN, per, Vysokomolekulyarnyye Soyedineniya,
Vol II, No 6, 1960, pp 884-890. 9671176

FTD MCL-974/1

Molecular Orientation of Polymers Precipitated
From Solutions, by I. A. Igonin, et al.
RUSSIAN, per, Vysokomolekulyarnyye Soyedineniya,
Vol I, No 9, 1959, pp 1327-1332.

CSIRO

Some Characteristics of Oxygen Depolarization
Processes, by A. I. Krasil'shchikov.
RUSSIAN, per, Zhur Fiz Khimii, Vol XXXI, No 12,
1957, pp 2706-2710.

CSIRO

Selected Articles From the Russian
Periodical Zhur Obshch Khim.

Vol XVI, 1946, pp 1871, 1872.
Synthesis of Ethylene Chlorohydrin. II.
Temperature Coefficient of the Rate of
the Gomberg Reaction, by E. A. Shilov,
N. P. Kanyayev.

DSIR LLU M.1386

Vol XXXI, No 6, 1961.
The Contribution of the Georgian Scientists
to the Development of Chemistry Over a 40 Year
Period, by A. M. Gakhokidze, 7 pp.

JPRS 10235

Saponification of Complete Esters of
Phosphorus Acid With Pure Water, by
M. G. Imayev, (pp 1762-1766), (DC-6335).

*JPRS

Saponification of Trialkylphosphites in
the Presence of Inorganic and Organic Bases,
by M. G. Imayev, (pp 1767-1770), (DC-6335).

*JPRS

Scientific
Chemistry (Contd)

Selected Articles From the Russian
Periodical Zhur Obshch Khim. (Contd)

Vol XXXI, No 6, 1961.

Transesterification of Trialkylphosphites
by Aliphatic Alcohols, by M. G. Imayev,
(pp 1770-1773), (DC-6335).

*JPRS

Esters of Phosphorus Acids With Different
Kinds of Radicals, 3. Synthesis of Alkyl-
phosphonates With Different Kinds of Radicals,
by F. L. Maklyayev, M. I. Druzin, I. V.
Palagina, (pp 2012, 2013), (DC-6335).

*JPRS

Vol XXVI, No 7, 1961 (DC 6362).

Re-esterification of Methylphosphonites,
by K. A. Petrov, E. Ye. Nifant'yev, R. G.
Gol'tsova, (pp 2367-2370).

*JPRS

Re-esterification of the Monocethyl Ester of
Methylphosphinous Acid by Glycols, (pp 2370-
2373).

Synthesis of Dialkylacylphosphites and
Alkylacylphosphinites, by K. A. Petrov,
E. Ye. Nifant'yev, I. I. Sopikova,
V. M. Budanov, (pp 2373-2377).

Synthesis of Esters of Phosphorous and
Phosphinous Acids by Alcoholysis of Their
Amides, by K. A. Petrov, E. Ye. Nifant'yev,
T. N. Lysenko, V. P. Yevdakov, (pp 2377-2380).

Vol XXXI, No 8, 1961 (DC 6361).

The Synthesis of Polymethylene-bis-
Quinuclidine Halides, by Ye. Ye. Mikhlin,
V. Ya. Vorob'yeva, M. V. Rubotsov,
(pp 2609-2613).

*JPRS

The Alkylaminoethyl Esters of Benzilic and
Diphenylacetic Acids, by S. G. Kuznetsov,
(pp 2623-2629).

Scientific
Chemistry (Contd)

Selected Articles From the Russian
Periodical Zhur Prik Khim.

- Vol IX, No 1, 1936, pp 73-81. DSIR LLU M.1425
Gasification of Solid Fuels in an
Oxygen Zone, by M. K. Grodzovsky,
Z. F. Chukhanov.
- Vol XVI, 1943, p 81. DSIR NLL M.1225
Common Salt as Catalyst in Silicate-
Forming Reactions in the Solid Phase, by
L. M. Blyumen.
- Vol XXIX, No 1, 1956, pp 73-82. Co-op Tr Sch 278
Wear Resistance and Hardness of Electrolytic
Chromium Coatings, by A. V. Shreyder.
- No 5, 1957, pp 796-799. DSIR NLL M. 1921
Relation Between Coating Thickness and
Protection, by L. I. Kadaner, A Kh.
Masik.
- Vol XXXIV, No 3, 1961, pp 505-512. 9671201 FTD MCL 1285/1
The Protection of Carbon and Graphite Against
Oxidation at Temperatures of 1200°, by
M. V. Sazonova, A. Ya. Sitnikova, A. A. Appen,
13 pp.
- Suggestions on Improving Present Methods of
Chemical Classification of Water, by
Kao Ming-te, 10 pp.
CHINESE, per, Shui-wen Ti-chih Kung-ch'eng
Ti-chih, No 10, 1959, pp 18-21. JPRS 4993
- Pyridine-2-Aldoxime Methiodide (PAM-2), by
Z. Binenfeld, V. Bozic, M. Stevanovic.
CROATION, per, Vojnosanitetski Pregled,
Vol XVIII, No 4, 1961. *ACSI I-0008
ID 2174792
- Polarographic Determination of Palladium in
the Presence of Gold and Platinum, by
F. Linhart, 2 pp.
CZECH, per, Chemické Listy, Vol XLVI, 1952,
pp 482-483. Amer Meteorol Soc X-Cz-4
- Combustion of Organic Substances in Oxygen,
by J. Horacek.
CZECH, per, Chemische Listy, Vol LIII,
1955, pp 6-9. CSIRO

Scientific
Chemistry (Contd)

Zinc Selenide. Parts I & II. The Spectral Permeability of Thin Films; Luminescence, by J. Klikorka, et al.
CZECH, per, Chemicke Listy, Vol LII, 1953, pp 1866-1876.

CSIRO

The Radiolysis of Organic Substances, by Jaromir Kucera, 53 pp.
CZECH, per, Chem Listy, Vol LIV, 1960, pp 764-790.

AEC Tr-4761

Determination of the Effectiveness of Mixing by Turbine Mixers, by H. Blasinski.
CZECH, per, Przemysl Chem, Vol XXXIX, 1960, pp 768-772.

*AEC

Excerpts From "Dosage of Uranium by Means of the Beta-Oxime of Isatin," by V. Hovorka, V. Sykora, 6 pp.
FRENCH per, Collection des Travaux Chimiques de Tcheco-Slovaquie, Vol X, 1938, pp 182-189.
9080254

AEC SCL-T-369

Carbon Determination in Steels by Combustion and Conductimetry, by R. Boulin.
FRENCH, per, Chimie Analytique, Mar 1958, pp 72-76.

*BISI 2458

Coal Chemistry in Germany, by H. Knauff.
FRENCH, per, Chimie et Industrie, Vol LXXXIV, No 1, 1960, pp 3-19.

CSIRO Tr 5146

On a Volumetric Method of Determination of Silica, by J. Louvrier, I. A. Joinovitch.
FRENCH, per, Industrie Ceramique, No 510, 1959, pp 243-247.

CSIRO

Thorin: An Interesting Chromogenic Agent and Chelatochrome Indicator, by M. B. Johnston, A. J. Barnard, W. C. Broad, 14 pp.
FRENCH, per, Rev Univ Ind Santander, Vol II, 1960, pp 137-146.

AEC NP-Tr-602

Rubbery Copolymers.
FRENCH, Patent No 1,220,970.

CSIRO

Methods of Spectral Analysis: Their Accuracy by W. Kessler, G. Scheibe.
GERMAN, rpt, International Congress on Glass, 5th, 1959, 175.

CSIRO

Scientific
Chemistry (Contd)

On the Plastic Deformation of Polycrystals,
by E. Kroner.
GERMAN, per, Acta Metallurgia, Vol IX, No 2,
1961, pp 155-161.

*AEC

Oxygen-Free Gases, by J. Sagoschen.
GERMAN, per, Angewandte Chemie,
Vol LXXII, 1960, pp 132-135.

CSIRO

Effect of Aluminum Nitride on the Analysis
Results From Oxide Inclusions in Fully
Killed Basic Bessemer Steels, by E. Piper,
H. Hagedorn, M. Frohlich.
GERMAN, per, Archiv Eisenhüttenwesen,
Vol XXXI, No 10, 1960, pp 577-582.

HB 5033

Textile-Chemistry Studies in the Series of the
2-Hydroxy 3-Naphthoic Arylides, by H. Rath,
R. Burkhardt, 13 pp.
GERMAN, per, Ber Deut Chem Ges, Vol LXXIII,
No 6, 1940, pp 701-708.

NIH 7-2-61

The Chemical Process of Coking, Examined in
Polymeric Bituminous Coal - Model Materials.
II. Examination of the Structure Using
Radioactive Carbon, by P. J. M. Wolfs, et al.
GERMAN, per, Brennstoff-Chemie, Vol XL,
No 6, 1959, pp 189-194.

Broken Hill Proprietary
Co Ltd
CRL/T.541

The Chemical Process of Coking, Examined in
Polymeric Bituminous Coal - Model Material. I.
Aim and Methodology of the Investigation, by
D. W. Van Krevelen, et al.
GERMAN, per, Brennstoff-Chemie, Vol XL, No 5,
1959, pp 155-159.

Broken Hill Proprietary
Co Ltd

Reactions With Nitrosodisulphonate. VIII (1).
Ortho-Benzoquinone and Phenazine (2), by
H. J. Teuber, G. Staiger.
GERMAN, per, Chemische Berichte, Vol LXXXVIII,
1955, pp 802-827.

CSIRO

Synthesis With Enamines, V. Lengthening
of Chain of Mono- and Dicarboxylic Acids
by 5 to 10 Carbon Atoms, by S. Hunig,
W. Lendle.
GERMAN, per, Chemische Berichte, Vol XCIII,
1960, pp 913-920.

CSIRO

Scientific
Chemistry (Contd)

Study of Wetting of Refractory Material
by Molten Glass, by F. De Andres.
GERMAN, per, Deutsche Gesellschaft, Berichte,
Vol XXXVI, No 5, 1959, pp 149-153.

CSIRO

The Treatment of Wheat With Ionizing Radiation,
Part II. The Effect on the Pentosans and
Baking Properties of Hard Winter Wheat, by
F. K. Finney, M. Milner, W. Seibel, 20 pp.
GERMAN, per, Getreide und Mehl, Vol X, 1960,
pp 16-20.

AEC NP Tr-696

Effect of the Viscosity of Glass on Its
Working Rate, by K. Fuchs.
GERMAN, per, Glas-Email-Keramo-Technik,
Vol IX, No 10, 1958, pp 366-368.

CSIRO

The Physical and Chemical Processes Involved
in the Leaching of Glass Surfaces by Water,
by L. Zagar, A. Schillmoeller, 16 pp.
GERMAN, per, Glastechnische Berichte,
Vol XXXIII, No 4, 1960, pp 109-116. 9080941

AERE Tr-867
Harwell

Chemical and Mechanical Tests of Shrink-
Proofed Wool Jerseys, by J. Diehl.
GERMAN, per, Melliand Textilberichte,
Vol XLI, No 3, 1960, pp 325-329.

CSIRO TR 5060

Chlorination of Wool, by M. Dominik.
GERMAN, per, Melliand Textilberichte,
Vol XLI, No 7, 1960, pp 875-879.

CSIRO Tr 5130

Changes in the Properties of Materials Due
to Irradiation With Particles and Photons, by
K. Sagel, 27 pp.
GERMAN, per, Metall, Vol XII, 1958, pp 353-362.

AERE-Trans-858
Harwell

Evaluation of Adsorption Isotherms,
by G. F. Huttig.
GERMAN, per, Monatshefte fuer Chemie,
Vol LXXVIII, 1948, pp 177-184.

Broken Hill Proprietary
Co Ltd
CRL/T.531

Square Loop Ferrites and the Testing of
Their Storage Properties, by C. Heck,
H. Reiner.
GERMAN per, Nachrichtentech Z., No XI,
1958, pp 360-369.

CSIRO

Scientific
Chemistry (Contd)

Titanium Carbide-Based High-Temperature
Materials, by C. Agte, G. Blum.

GERMAN, per, Neue Hutte, Vol VI, No 3,
1961, pp 139-146.

HB 5144

Manufacture and Properties of Atomized,
Stabilized Ferro-Silicon, by K. Feldmann,
K. Frank.

GERMAN, per, Schweissen und Schneiden,
Vol XII, Dec 1960, pp 514-517.

BISI 2321

New Knowledge on the Structure of Glass,
by W. Vogel.

GERMAN, per, Silikat Technik, Vol X, No 5,
1959, pp 241.

CSIRO

Inter-Relation Between the Carbon Content of
Steel Sheets, the Enamel and the Firing
Temperature During the Process of Vitreous
Enamelling, by D. Horstmann.

GERMAN, per, Stahl und Eisen, Vol LXXXI,
11 May 1961, pp 629-640.

BISI 2306

Fundamentals of the Treatment of the Brown
Fumes From the Basic Oxygen Process, Part I,
by H. Hoff.

GERMAN, per, Stahl und Eisen, Vol LXXXI,
No 9, 1961, pp 562-566.

HB 5159

Changes in Starch and Its Decomposition
Products After Treatment of Wheat Flour With
Gamma Rays, by A. R. Deschreider, 12 pp.

GERMAN, per, Die Starke, Vol XII, No 7, 1960,
pp 197-201. 9080944

AERE, Harwell
NP-Tr-689

Contribution to the Problem of A. C.
Corrosion, by H. F. Schwenkhagen.

GERMAN, per, Werkstoffe und Korrosion,
No 2, 1955, pp 63-71.

CSIRO

Flame Photometric Determination of Small
Units of Sodium, by W. Schuhknecht.

GERMAN, per, Z. fuer Anal Chem, Vol CLVII,
1957, pp 338-343.

CSRIO

Scientific
Chemistry (Contd)

Selected Articles From the German Periodical
Z. fuer Anorgan und Allgem Chem.

- Vol CX, No 1/2, pp 100-109. JPRS 10171
Preparation and Chemical Behavior of
Tetramethyldisilazane and Related
Compounds [1], by Heinrich Kriegsmann,
Gunter Engelhardt, 14 pp.
- Vol CCLIII, 1943, p 160. *AEC
Crystallization of Tungsten Blue Compounds;
Hydrogen Analogs of the Tungsten Bronzes
 H_xWO_3 , by Oskar Glemser, Christa Naumann.
- Vol CCCVI, 1960, pp 261-265. *AEC
On the Modification of Boron, by
H. J. Becher.
- Vol CCCVII, 1961, pp 123-136. *AEC
The Zirconium Rich Phase in the System Mg-
Zr, by Hans-Joachim Taschow, Franz Sauerwald.
- Vol CCCIX, No 5/6, Apr 1961, pp 43-49. JPRS 10134
Contributions to the Complex Chemistry of
Phosphine and Phosphine Oxides. VIII.
Heavy Metal Complexes of Tetraphenyl-
diphosphine (East Germany), by K. Issleib,
G. Schwager, 9 pp.
- Contribution to the Chemistry of Tungstate,
by Inge Rabes, Rudolf Schenck.
GERMAN, per, Z fuer Anorgan Chem, Vol
CCLIX, No 5/6, 1949, pp 201-219. *AEC
- Method for an Improved Electrophoretic
Separation of Proteins and Peptides, by
E. Granzer.
GERMAN, per, Z fuer Physiol Chemii, No 311,
1958, pp 46-53. CSIRO
- The Analysis of Synthetic Resins, by
L. Nebbia.
ITALIAN, per, Materie Plastiche, Vol XXV,
No 5, 1959, pp 371-377. CSIRO

Scientific
Chemistry (Contd)

Competition Between Steel and Synthetic Resins,
by M. di Falco.
ITALIAN, per, Poliplasti, Jul/Aug 1960, pp 9-11.

*BISI 2422

The Platinum Group. III. Quantitative
Analysis of Iridosmine, by S. Aoyama,
K. Watawake.
JAPANESE, Nihon Kagaku Zasshi (Pure Chemistry
Section,) Vol CXXVI, 1955, pp 597-602.

CSIRO

Separation of Heavy Carbon by Thermal Diffusion
of Methane, (Report III): Characteristics of
Thermal Diffusion Column of Hot Cylinder Type
and Separation of Heavy Carbon, by Sumio Horibe.
JAPANESE, per, Kogyo Kagaku Zasshi, Vol LXXX,
No 11, 1959.

*AEC

Thermal Expansion in Graphite Crystals, by
E. Matsuyama, 6 pp.
JAPANESE, per, Tanso, Vol VII, No 1, 1958,
pp 12-15. 9080886

AERE Tr-864
Harwell

Radioactivity of External Medium in the
Environs of Greater Warsaw and Swierk, by
W. Hermanowicz, C. Sikorowska, W. Dozanska,
et al, (NY-6766).
POLISH, per, Gaz Woda I Technika Sanitarna,
No 9, 1961, pp 340-347.

*JPRS

The Electrostatic Enrichment of Coals, Part II,
by Jan Krajewski, Szymon Herszderfer, 32 pp.
POLISH, per, Prace Glownego Instytutu Gornictwa,
No 121, 1952, pp 3-21. 9081626

OTS 60-21290
PL 480

An Apparatus for Rapid Determination of
Moisture Content in Brown and Bituminous Coal,
by Kazimierz Tomkow, 13 pp.
POLISH, per, Prace Glownego Instytutu Gornictwa,
No 126, 1952, pp 1-9. 9081629

OTS 60-21367
PL 480

Scientific
Electricity

Accelerated Method of Testing the Dangers
of Electric Sparking, by P. A. Fetisov.
RUSSIAN, per, Elektrichestvo, No 11,
1958, pp 74-78.

CSIRO

A Powerful AC-DC Converter, by N. S. Klimov,
14 pp.
RUSSIAN, per, Elektrichestvo, No 9, 1960,
pp 29-34. 9671161

FTD MCL-1224/1

Action of a Progressive Disturbance on a
Guided Electromagnetic Wave, by J. C. Simon,
33 pp.
FRENCH, per, Annales de Radioelec, Vol XIV,
No 55, 1959, pp 3-16.

USASIA: SC-86a/60

Production of Electricity by Means of
Geothermy, by Eirukur Briem, 8 pp.
SWEDISH, per, Elteknik, June 1961, pp 107-110.
(Call No TK.1 E51 V.4 No 6, E Tr)

AMS

Scientific
Electronics

Electronic and Ionic Devices, by V. F. Vlasov.
RUSSIAN, bk, Elektronnyye i Ionnyye Pribory,
Svyaz'izdat, Moscow, 3rd Ed, 1960, pp 120, 195,
232, 242, 249, 251, 283, 288, 345, 346, 354,
355, 367, 373, 400, 418, 443, 444, 463, 470, 503,
508, 518-526, 561, 567, 569, 660, 668, 684, 688,
692, 699, 706, 709, 719-720. (Tables Only)

*FTD-TT-61-150/1

Electronic Instruments, by M. S. Kaufman,
G. M. Yankin.
RUSSIAN, bk, Elektronnyye Pribory, 2nd Ed,
1960, 543 pp.

*FTD-TT-61-102

Electron Multipliers, by N. O. Chechik.
RUSSIAN, bk, Elektronnyye Umnoshiteli,
2nd Ed, 1957.

*AEC

Use of Computers for the Automation of Electric
Controls, by V. P. Volosnikov, 128 pp.
RUSSIAN, bk, Ispol'zovaniye Vychislitel'nykh
Mashin dlya Avtomatizatsiy Elektroprivodaov,
Vol XVII, 1960, 120 pp.

JPRS 10169

Electric Modeling -- A New Division of Radio-
electronics, by L. I. Gutenmakher, 46 pp.
RUSSIAN, bk, 100 Let so Dnya Rozhdeniy
A. S. Popova; Yubileynaya Sessiya, 1960,
pp 245-262.

JPRS 8950

Materials in Radio Electronics, by
N. P. Bogoroditskiy, V. V. Pasynkov.
RUSSIAN, bk, Materialy v Radioelektronike,
1961, 352 pp.

*FTD-TT-61-101

Limits of the Possibilities of Nemat, Arising
From the Instability of the State With Negative
Conductivity, by A. L. Zakharov, 23 pp.
RUSSIAN, bk, Poluprovodnikovyye Pribory i ikh
Primeneniye Sbornik Statey, No 6, 1960,
pp 103-124. 9663460

FTD MCL-1262/1

Problems of Information Transmission No 5,
Statistical Coding, 160 pp.
RUSSIAN, bk, Problemy Peredachi Informatsii,
1960, 125 pp. 9671199

FTD MCL-894/1

Scientific
Electronics (Contd)

Specialized Electronic Computing Machine,
by Z. L. Rabinovich, Yu. V. Blagoveshchenskiy,
et al.

RUSSIAN, bk, Spetsializirovannaya Elektronnaya
Schetnaya Mashina, 1961, 145 pp.

*FTD-TT-61-100

Techniques of Frequency Modulation in Radio
Broadcasting, by S. V. Novakovskiy, G. P.
Samoylov, 430 pp.

RUSSIAN, bk, Tekhnika Chastotnov Modulatsii v
Radioveshchanii, 1952, pp 2-304.

JPRS 9776

Standard Instruments for Measuring Industrial
Radio Interferences, by I. A. Fastovskiy,
I. M. Furmanov, 120 pp.

RUSSIAN, bk, Tipovyye Pribory dlya Izmereniya
Industrialnykh Radiopomekhov, 1959, pp 4-120.

USASIA: SC 40/60

Certain Records in Ultra-Acoustics, by
Yu. Ya. Borisov, L. O. Makarov, 4 pp.

RUSSIAN, bk, Ul'trazvuk v Tekhnike
Nastoyashchego i Budushchego, 1960, pp 78,
79. 9663458

FTD MCL-1229/1

Communications Facilities in the Volgo-Don
Region, 22 pp.

RUSSIAN, bk, Volgo-Don, 1958, pp 119-128.

JPRS 8930

On the Problem of Digital Reproduction of
Signals of Analog Telecommunication Systems, by
Ya. A. Kupershmidt.

RUSSIAN, per, Avtomat i Telemekh, Vol XXII,
No 8, 1961, pp 1080-1087.

*FTD TT-61-152

Use of Communication Cable With Aluminum
Shielding on Hungarian Railroads, by
V. I. Myasnikov, 11 pp.

RUSSIAN, per, Avtomat Telemekh i Svyaz',
No 2, 1960, pp 21-24.

USASIA: SC-116/60

On the Theoretical Correctness of the
Minimum Principle of the Arc Voltage,
by N. Z. Aronson.

RUSSIAN, per, Elektrichestvo, No 3,
1958, pp 56-60.

CSIRO

Scientific
Electronics (Contd)

On the Theory of Optimally Fast Processes
in Second Order Systems, by A. B. Savvin.
RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh
Nauk, Energet i Avtomat, No 6, 1960,
pp 162-164.

*FTD TT-61-154

An Experimental Investigation of Electric
Fields in Presence of the Space Charge, by
K. I. Krylov, K. S. Rozhnov.
RUSSIAN; per, Iz Leningrad Elektrotekh, No 36,
1958, pp 94-112.

*FTD TT-61-178

A Computer for Investigating the Movement
of Particles in a Linear Electron Accelerator,
by I. F. Kharchenko, et al.
RUSSIAN, per, Pribory i Tekh Eksper, No 3,
1959, pp 71-76.

DSIR LLU M. 1803

Concerning one Class of Automata (Nervous
Systems), by L. A. Skorniyakov, 25 pp.
RUSSIAN, per, Problemy Kibernetiki, No 4,
1960, pp 23-36.

JPRS 10205

Rod-Type Valves Principle of Operation and
Construction, by V. Sukhanov, A. Kireyev,
5 pp.
RUSSIAN, per, Radio, No 7, 1960, pp 34-38.
9081491

DSI 729

Calculating the Power of Crossed Noises in
Long-Range Telecommunications Systems, by
A. V. Prosin, 9 pp.
RUSSIAN, per, Radiotekh i Elektron, Vol VI,
No 1, 1961, pp 14-24. 9081687

DSI 725

On the Earth's Influence on Long-Range
Tropospheric Ultrashort Wave Propagation,
by A. I. Kalinin, 10 pp.
RUSSIAN, per, Radiotekh i Elektron, Vol VI,
No 5, 1961.

USASIA 1238-Z

Absolute Calibration of Electroacoustic
Transducers by the Reciprocity Method in a
Quasi-Spherical Field, by A. A. Yanpol'skiy.
RUSSIAN, per, Trudy Komissii po Akustike, No 8,
1955, pp 21-45.

Navy Tr 2853/USRL 17

Scientific
Electronics (Contd)

Sparkproofness of Blasting Network When Using
HF Currents, by L. I. Gavril'chenko.

RUSSIAN, per, Trudy Makeyevka Nauk Issled
Inst, Voprosy Gornoi Elektromekh, Vol IX,
No 2, 1959, pp 94-115.

DSIR NLL RTS 1643

Selected Articles From the Russian Periodical
Trudy Voprosy Elektro Izolyatsiy.

No 62, 1958, pp 205-216.

Electrical Properties of Insulation Based
on Mica-Paper Tape, by V. A. Volkov.

DSIR LLU M.1609

No 63, 1958.

The Restoration of the Breakdown Strength
After a Spark Discharge, by A. V. Rubchinskiy,
(pp 54-87).

DSIR LLU M. 1620

The Dynamic Changes in the Vapour Density
in a High-Voltage Mercury Valve, by
A. A. Timofeyev, (pp 192-217).

DSIR LLU M. 1626

Current Distribution Over the Surface of
the Anodes of Mercury Valves, by
N. A. Neretina, (pp 218-240).

DSIR LLU M. 1627

Problems of the Type of Lamb for the Wave
Equation in the Linear-Inhomogeneous Halfspace,
by A. S. Alekseyev.

RUSSIAN, per, Uchenyye Zapiski Leningrad
Gosudarst Univ, No 246, 1958, pp 167-227.

*FTD-TT-61-191/1

A Major Center of Radio Astronomy, by
V. V. Vitkevich, 11 pp.

RUSSIAN, per, Vest Ak Nauk SSSR, No 5,
1961, pp 23-32.

JPRS 8868

Electronic Correlation Techniques (IX).
The Automatic Processing of Experimental
Data in the Investigation of the Irregular
Ionosphere, by V. D. Gusev, T. A. Gailit,
5 pp.

RUSSIAN, per, Vest Moskov U, No 1, 1960,
pp 39-47. 9081688

DSI 727

Scientific
Electronics (Contd)

Determining Operating Reliability of
Radar Engineering, by V. F. Repkin.
RUSSIAN, per, Vest Protivovozdush,
Oborny, No 9, 1960.

*FTD TT 61-4144

A Method of Measuring the Reliability of
Telegraph Communications, by A. I. Kordobovskiy.
RUSSIAN, Patent 122,166, 1958.

*FTD TT 61-140

A Method for Coupling a Multichannel Communica-
tions System With Time-Division Multiplex to a
System With Channel Frequency-Division Multiplex
and Device for This Purpose, by L. A. Korobkov.
RUSSIAN, Patent No 128,907, 1949, 4 pp.

*FTD-TT-61-185

Dynamic Electron Multiplier, by
Ladislav Kryska, Luďmila Eckertova, 9 pp.
CZECH, per, Ceskoslovensky Casopis Fysiku,
No 5, 1960, pp 420-424. 9671171

FTD MCL-1067/1

Telegraph Corrector, 30 pp.
CZECH, per, Slaboproudny Obzor, Vol XX,
No 1, pp 45-54.

USASIA: H-6629-B

Telephone Equipments for the Tropics, 20 pp.
CZECH, per, Slaboproudny Obzor, Vol XX, No 8,
1959, pp 476-481.

USASIA: H-6633-B

Selected Articles From the Danish Periodical
Teleteknik, No 4, Dec 1960.

ACSI H-8798
ID 2163986

Extension of the Danish Radiotelephone
Network in the Period 1960-1962, by
I. Lonberg Nielsen, G. R. Nielsen,
(pp 109-116).

The Copenhagen-Ronne-Poland Coaxial Cable
Installation, by P. N. Blaksteen, (pp 122-125.)

Carrier-Frequency Equipment, by
Anders H. Kvist, (pp 125-135).

Power-Supply Equipment in Ronne, by
Karl Larsen, (pp 135-137).

New Type Rural Exchange With Electronic
Marker, by A. Ortvad, (pp 138).

Electronic Registration of Calls Made, by
Borup Kristensen, (pp 157).

Scientific
Electronics (Contd)

Recent Developments in "Carcinotron O"
Tubes, by P. Pallusl, 40 pp.
FRENCH, per, Annales de Radioelec, No 44,
Apr 1956, pp 145-164.

USASIA: SC-81/60

New Microwave Applications of Ferrites,
by F. Dachert, J. Robieux, P. Trevous,
37 pp.
FRENCH, per, Annales de Radioelec, Vol XIV,
No 55, 1959, pp 17-30.

USASIA: SC 86b/60

Optimization of Directional Aim Data in an
Automatic Tracking Radar, Whose Turret Is
Mounted on a Mobile Platform, by
G. Revillon, 43 pp.
FRENCH, per, Annales de Radioelec, Vol XIV,
No 55, 1959, pp 31-46.

USASIA: SC-86c/60

White Noise Crosstalk Meter Type FD 692,
by R. Grit, G. Levailant, 27 pp.
FRENCH, per, Annales de Radioelec, Vol XIV,
No 56, Apr 1959, pp 142-18.

USASIA: SC 87/60

International Technical Assistance, by
M. Jean-Pijoulat, 32 pp.
FRENCH, per, Revue des PTT de France,
Mar/Apr 1958, pp 1-17.

USASIA: SC-347/a/60

Patent for Invention, by Nina K. Morrison,
8 pp.
FRENCH, Patent No 787,477, Ministere Du
Commerce et de L'Industrie Direction de
la Propriete Industrielle, 16 Mar 1935,
4 pp. 9663473.

FTD MCL-1161/1

Duoplasmatron ion Source With Auxiliary
Magnetic Field, by Manfred von Ardenne, 6 pp.
GERMAN, pamphlet, published by VEB Vakutronik
Dresden, Feb 1961.

JPRS 8832

Some Observations Concerning the Optimal
Sonar Frequency, by H. Thiede.
GERMAN, per, Acustica, Vol XI, 1961, p 41.

Navy 2874/USRL 19

Construction of Solid Bed Reactors for
Catalytic Gas Phase Processes, by
F. Claser.
GERMAN, per, Chemie-Ingenieur-Technik,
Vol XXXI, 1959, pp 94-100.

CSIRO

Scientific
Electronics (Contd)

On the Revision of the Radio-Interference
Suppression Regulations VDE o875, by
A. Beutler.

GERMAN, per, Deutsche Elektrotechnik,
Vol XII, No 12, 1958, pp 457-460.

CSIRO

Frequencies of the Restriking Voltage and
Determination of the Breaking Capacity of
Circuit Breakers in Power System, by
H. Langer.

GERMAN, per, Elektrizitätswirtschaft,
Vol LIV, 1955, pp 166-170.

CSIRO

A Printing Method for the E l T Counter Tube,
by M. Klose, H. Pellkofer, 6 pp.
GERMAN, per, Elektronik, No 10, 1958,
pp 313-315.

USASIA: SC-200t/60

220 kV Circuit-Breakers of the Pressure-
Chamber Type, by R. Schulz, P. Wiegand.
GERMAN, per, Elektrotechnische Z Pt A,
Vol LXXIX, 1958, pp 945-952.

CSIRO

Disturbance of Radar Instruments Through
Heavy-Sea Reflexes, by J. Brauns,
H. G. Moeller, 21 pp.

GERMAN, per, Hochfrequenz Technik und
Elektroakustik, Vol LXX, No 2, 1961,
pp 39-46. 9663467

FTD MCL-1394/1

The Mechanical Coupling Effect of Unilateral
Traction in the Electrical Machine, by
E. Swatosch.

GERMAN, per, Maschinenbau und Warmewirtschaft,
1958, pp 636-645.

CSIRO

On the Lifetime of PtRh Thermocouples, by
Dr. H. Ehringer, 3 pp.

GERMAN, per, Metall, Vol VIII, No 15/16,
1954, pp 596-598.

Navy/NRL 863

The Satellite Observations and Their First
Results for the Knowledge of Radio Propagation,
by B. Beckmann, 34 pp.

GERMAN, per, NTZ-Nachrichtentechnische
Zeitschrift, No 7, July 1959.

USASIA: SC-114/60

Scientific
Electronics (Contd)

Hydromagnetic Propulsion and Control Systems for
Space Vehicles, by G. Au.

GERMAN, per, Raketentechnik und Raumfahrt-
forschung, Vol V, No 3, 1961, pp 90-101.

*FTD TT-61-163

Possibilities for Increasing the Reliability
of Electronic Equipment in Missiles, by
E. Dombroski.

GERMAN, per, Raketentechnik und Raumfahrtforschung,
Vol V, No 3, pp 101-105.

*FTD-TT-61-163-C

Evaluation of the Results of Electrical
Measurements on a Geared Blooming-Slabbing
Mill With Current Converter Feed and Field
Reversal Control, by W. Nurnberg, Part I, II.
GERMAN, per, Stahl und Eisen, Vol LXXXI,
27 Apr 1961, pp 579-589, 661-669.

BISI 2253

Control of Electronic Currents With a Three-
Electrode Crystal and a Model of a Depletion
Layer, by R. Hilsch, R. W. Pohl, 10 pp.
GERMAN, per, Z. fuer Physik, Vol III,
1938/1939, pp 399-408.

ACSI H-9901
ID 2174776

The Effect of a Circular Closed Magnetic
Field on the Superconducting Condition of a
Single Crystal Holloy Lead Cyliner, by
Martin Nabauer, 29 pp.
GERMAN, per, Z. fuer Physik, Vol CXLI,
1955, pp 416-444.

Navy/NRL 865

Transformers, Impulses and Models, by
B. Cerretelli.
ITALIAN, per, Elettrotecnica, Vol XLIII,
No 8, 1956, pp 394-410.

CSIRO

On Arc Welding With Rotary Electric Machines,
in Particular With High-Frequency Alternating-
Flux Generators, by E. Bifpi.
ITALIAN, per, Elettrotecnica, Vol XLVI,
No 6, 1959, pp 332-340.

CSIRO

Classical Gauge Invariances of Quantum
Electrodynamics, by B. Jouvét.
ITALIAN, per, Nuovo Cimento, Vol XX,
No 1, 1961, pp 28-58.

*ABC

Scientific
Electronics (Contd)

On the Shock Waves Transmitted in Conical Bars, by Takeshi Kanazawa, 17 pp.
JAPANESE, per, Oyo-Rikigaku, Vol I, 1948, pp 133-141.

AEC SCL-T-374

Communications, (DC-6337).
POLISH, per, Biuletyn Naukowy Metodyczno-Organizacyjny, No 11, 1961, pp 382-388.

*JPRS

Scientific
Engineering

Some Problems in the Mechanisms of Coking
Heavy Crude Fractions, by A. F. Krasinkov,
V. S. Akimov, Z. I. Syuneyev, 39 pp.
RUSSIAN, rpt, 1960.

MEB

Boiler Plant Operating Experience on the
First Power Station With Extra Advanced Steam
Conditions, by A. A. Belyayev.
RUSSIAN, bk, Gosenergoizdat, Moscow, 1959.

DSIR NLL M.2323

Aerodynamic Improvement of the Steam and
Gas Turbine Blade Apparatus, by Ye. A. Gukasova,
M. I. Zhukovskiy, A. M. Zavadovskiy, 159 pp.
RUSSIAN, bk, Aerodinamicheskoye Sovershenstvovaniye
Lopatochnykh Apparatov Parovykh i Gazovykh Turbin,
1960, pp 87-99; 198-218; 245-285. 9663480

FTD MCL-912/1

Automatic Devices for Contactless Measurement of
the Geometrical Dimensions of Rolled Products In
the Process of Hot and Cold Rolling, by R. V.
Lyambakh, 15 pp.

RUSSIAN, rpt, Avtomaticheskoye Ustroystva dlya
Beskontaktnogo Izmereniya Geometricheskikh
Razmerov Prokata v Protseste Goryachey i
Kholodnoy Prokatki, pp 1-10.

JPRS 8925

Automation of Reversing Primary Mills, by
A. V. Chelyustkin, 14 pp.
RUSSIAN, rpt, Avtomatizatsiya Reversivnykh
Obzhimnykh Stanov, pp 1-8.

JPRS 8925

Electronic Simulation of the Multi-Motor
Electric Drive of Continuous Rolling Mills, by
N. N. Druzhinin, 4 pp.
RUSSIAN, rpt, Elektronnoye Modelirovaniye
Mnogodvitatel'nykh Elektroprivodov Nepreryvnykh
Prokatnykh Stanov, pp 1-3.

JPRS 8925

Flux Equipment for Automatic and Semi-
automatic Welding, by A. I. Chvertko, 210 pp.
RUSSIAN, bk, Flyusovaya Apparatura Dlya Avto-
matischeskoy i Polyavtomaticheskoy Svarki, 1960,
153 pp. 9671386/V

FTD MCL-924/1

Electronically Controlled Electric Drive of
Continuous Rolling Mills, by S. N. Veshenevskiy,
12 pp.
RUSSIAN, rpt, Ionnyy Elektroprivod Nepreryvnykh
Prokatnykh Stanov, pp 1-6.

JPRS 8925

Scientific
Engineering (Contd)

On the History of Science and Engineering
in Eastern Countries, by A. T. Grigoryana,
146 pp.

RUSSIAN, bk, Iz Istorii Nauki i Tekhniki v
Stranakh Vostoka, 1960.

JPRS 8900

Press Forging Equipment, by Ye. P. Unksov,
B. V. Rozanov, 67 pp.

RUSSIAN, bk, Kuznechno-Pressovoye
Oborudovaniye, 1960, 55 pp. 9671210

FTD MCL-926/1

Scientific-Technical Problems of Automatic
Electric Drive, by I. I. Petrov, 8 pp.
RUSSIAN, rpt, Nauchno-Tekhnicheskiye Problemy
Avtomatizirovannogo Elektroprivoda, pp 1-6.

JPRS 8925

Theory of Automatic Control Based on Frequency
Methods, by N. T. Kuzovkov, (NY-6770).

RUSSIAN, bk, Teoriya Avtomaticheskogo
Refulirovaniya, Osnovannaya na Chastotnykh
Metodakh, 1960, 446 pp.

*JPRS

Structure Formation During Solidification
of Turbine Blades Cast in Investment
Patterns, by F. V. Aksenov, N. F. Lashko,
Ye. Ya. Rodina, 20 pp.

RUSSIAN, bk, Trudy Chetvertogo Soveshchaniya
po Teorii Liteynykh Protssessov, Moscow,
1960, pp 166-175. 9671207

FTD MCL-1051/1

Temperature Regulator of a Gyroscopic
Instrument, by G. K. Nechayev, S. R.
Raykhman, 7 pp.

RUSSIAN, per, Avtomatika, No 3, 1960,
pp 70-75. 9671165

FTD MCL-1194/1

On Automatization of Introducing Some Types
of Data Into a Computer, by V. S. Fayn.
RUSSIAN, per, Avtomatika i Telemekh, Vol XXII,
No 4, 1961, pp 536-538.

*FTD TT-61-69

On the Problem of Selection of Control
Parameters of a Gradient Automatic
Optimization System, by T. I. Tovstukha.
RUSSIAN, per, Avtomatika i Telemekh, Vol XXII,
No 8, 1961, pp 1027-1037.

*FTD TT-61-152

Scientific
Engineering (Contd)

Estimate of Reliability of Automation
Systems From the Results of Testing of
Incomplete Composite of All Apparatus, by
S. M. Kuznetsov.

RUSSIAN, per, Avtomatika i Telemekh,
Vol XXII, No 8, 1961, pp 1108-1116.

*FTD-TT-61-199/1

Training of Industrial-Automation Engineers,
by V. L. Lossyevskiy, 10 pp.

RUSSIAN, per, Avtomat Proiz Protsessov, No 3,
1960, pp 97-101.

DSIR NLL Tr Bul
Vol 3, No 1, Jan 1961

Investigation of Pneumatic and Hydraulic Servo
Mechanisms, by V. N. Chelomey.

RUSSIAN, per, Avtomat, Upravleniye i Vychisl
Tekhn, No 1, 1958, pp 166-181.

*FTD TT-61-107

Mechanization and Automation of ARC Steel-
making Furnaces, by N. V. Okorokov, 7 pp.

RUSSIAN, per, Bezopasnost' Truda v Promyshlen-
nosti, No 3, 1960, pp 13-15.

JPRS 8976

Selected Articles From the Russian Periodical
Byul Tekh-Ekon Informatsii.

No 6, Sep 1959, pp 19, 20.

Unit for Obtaining Ultra-Fine Cast Wire
in Glass Insulation From Liquid Metal,
by Rybalka, Shapovalov, 3 pp.

ACSI H-9968
ID 2174790

No 9, 1960. 9663461

K-401 Diesel-Electric Crane, by
Yu. B. Sipitiner, G. I. Chernetskiy,
4 pp.

FTD MCL 1278/1

ERG-350/1000 Rotary Excavator, by
D. I. Taranov, 4 pp.

Traction Tractors of the 0.6 Ton Class,
8 pp.

Using Elevator Devices for Automatic
Loading of Machines, by M. M. Mirsagatov,
8 pp.

Scientific
Engineering (Contd)

Tensioning Circular Saws Between Rolls on
the PV-5 Bench, by F. I. Egorov.
RUSSIAN, per, Derevoobrabatyvayushchaya
Prom, Vol VIII, No 6, 1959, p 25.

DSIR LLU M. 1894

The Stability of Frame Saw Blades, by
K. Penicka, J. Rehak.
RUSSIAN, per, Drevarsky Vyskum, Vol III,
No 2, 1958, pp 263-282.

DSIR LLU M. 2001

Secrets of the Patent Library, by
Valerii Agranovskiy, 14 pp.
RUSSIAN, np, Ekonomicheskaya, No 3, 1961,
pp 21, 22.

Dept of Commerce
Patent Office
Scientific Lib

Analysis of Sparking in Commutator Machines,
by M. F. Karasev, V. P. Suvorev.
RUSSIAN, per, Elektrichestvo, No 12, 1959,
pp 50-54.

DSIR NLL M.2330

On the Reliability of the Operation of
Telemechanical Devices, by N. S. Shabalin.
RUSSIAN, per, Elektrichestvo, No 6, 1960,
pp 91-93.

*FTD TT-61-142

Digital Computer Programs for Calculating
Transient Processes in Networks With
Periodically Varying Parameters, by
V. A. Taft, V. A. Skobelev, (DC-6380).
RUSSIAN, per, Elektroenergetika, No 2,
1960, pp 105-114.

*JPRS

Pump Vibration Caused by Cavitation, by
G. A. Khoroshev.
RUSSIAN, per, Energomashinostroy, No 4,
1960, pp 26-30.

*FTD TT-61-179

A Gas-Discharge Stabilizer, by A. M. Rezikyan,
Yu. G. Agbalyan, K. A. Madatyan, 5 pp.
RUSSIAN, per, Iz Ak Nauk Armyanskoy SSSR,
Ser Fiz-Matemat Nauk, Vol XIII, No 4, 1960,
pp 65-68. 9671172

FTD MCL-1063/1

Some Problems of Thermal Stability, by
M. Yu. Bal'shin, D. y Shou-Huey,
RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh
Nauk, No 3, 1961, pp 73-76.

*FTD TT-61-160

Scientific
Engineering (Contd)

Selected Articles From the Russian Periodical
Iz Ak Nauk SSSR, Otdel Tekh Nauk, Energ i
Avtomat.

No 4, 1959, pp 59-78. *FTD TT-61-138
Reliability and Accuracy of Automatic
Production, by N. G. Bruyevich.

No 5, 1960.
The Almost-Periodic Regime of a Four-
Dimensional Automatic Control System,
by B. V. Shirokorad, 17 pp (pp 159-165).
9671160 FTD MCL-1254/1

No 6, 1960.
On the Distribution of Regions of Correct
Reception With Statistical Noise-Suppressing
Coding, by Yu. N. Mel'nikov, (pp 107-112). *FTD TT-61-154

On the Dynamics of a Gyrostabilizer Corrected
by a Digital Computer, by V. A. Besekerskiy,
V. V. Solov'yev, (pp 113-122). *FTD TT-61-130

No 2, 1961. JPRS 10251
Determination of the Distribution Function
of the Probabilities in the Output of Nonlinear
Automatic Control Systems, by V. I. Chernetskiy,
13 pp, (pp 85-91).

Criteria of Absolute Invariance for Control
Systems With Variable Parameters, by
A. I. Kukhtenko, 15 pp, (pp 106-113).

Synthesis of Discrete Automatic Systems With
Limited Control Action, by L. N. Volgin,
11 pp, (pp 114-119).

No 4, 1961.
Effect of Viscosity of Parameters of a
Magnetogasodynamic Generator, by
L. I. Gekov, O. N. Favorskiy, (pp 46-54). *FTD TT-61-137

On Automatic Control of Body Motion in an
Inertial Space, by V. A. Bodner, V. P
Seleznev, (pp 197-207). *FTD TT-61-155

Scientific
Engineering (Contd)

Selected Articles From the Russian Periodical
Iz Ak Nauk SSSR, Otdel Tekh Nauk, Mekh i Mash,
No 6, 1960.

- On Calculating Non-Uniformly Heated Cylinders
in the Elasto-Plastic Region, by B. F. Shorr,
(pp 57-62). *FTD-TT-61-129
- The Bending of Nonlinear Elastic Three-ply
Plates, by S. A. Ambartsumyan, (pp 86-90). *FTD-TT-61-136-a
- Remarks on the Creep of Steel (EI 275) Under
Complex Stress Conditions, by V. S. Namestnikov,
(pp 137-138). *FTD-TT-61-136-b
- Stressed State in a Cylindrical Shell With a
Reinforced Hole, by I. M. Pirogov, (pp 166-168). *FTD-TT-61-136-c
- Effect of Double-Contour Parameters of the Specific
Full and Specific Fuel Use of Turbofan Engines,
by A. L. Klyachkin, Y. A. Konshin-Riga.
RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Aviat Tekh,
No 3, 1961, pp 100-112. *FTD-TT-61-44/1
- Distribution of Stresses in a Forging Deformed
by Banding, With Special Reference to Flake
Formation, by I. E. Brainin, V. A. Kharchenko.
RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Chern Met,
No 10, 1960, pp 139-142. HB 5251
- A Small Self-Exciting Rotor-Type Electrostatic
Generator, by A. F. Kalganov.
RUSSIAN, per, Iz Vysshikh Ucheb Zaved,
Elektromekh, No 4, 1960, pp 20-26. *FTD-TT-61-188
- Limiting and Actual Operating Capacity of
Electro Magnets, by I. I. Pekker, A. G.
Nikitenko.
RUSSIAN, per, Iz Vysshikh Ucheb Zaved,
Elektromekh, No 11, 1960, pp 94-97. *FTD-TT-61-120
- Concerning a Method of Engineering and Economic
Calculations in Designing Canals for Hydro-
electric Power Stations, by Yu. S. Vasil'yev,
(SF-2003).
RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Energet,
No 3, 1961, pp 87-92. *JPRS

Scientific
Engineering (Contd)

Derivation of a Formula for the Determination of the Heat Transfer Coefficient From Gas to the Wall on the Basis of the Kinetic Theory of Matter, by N. B. Kadirov.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Neft' i Gaz, No 11, 1960, pp 95-100.

*FTD-TT-61-194/1

Percussion Center of Heavy Gyroscopes, by V. A. Chikin.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Priborostroyeniye, Vol IV, No 4, 1961, pp 48-52.

*FTD-TT-61-161

Effect of Vibration of the Base on Readings of a Two-Stage Gyrocompass, by P. A. Il-in, M. A. Sergeyev.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Priborostroyeniye, Vol IV, No 4, 1961, pp 53-60.

*FTD-TT-61-161

On the Calculation of the Gyromotor Aerodynamic Resistance, by A. G. Bessonov.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Priborostroyeniye, Vol IV, No 4, 1961, pp 61-70.

*FTD-TT-61-161

Brick With Lightweight Filler, by P. Solov'yev, 3 pp.

RUSSIAN, per, Keramika, No 2, 1939, pp 16-17.

Patent Office
Sci Lib

The Forging Down of Heat-Resisting Steel Ingots, by F. M. Valyavkin.

RUSSIAN, per, Kuznechno-Shtampovochnoye Proiz, No 7, 1960, pp 8-13.

BISI 2281

Designing Passes and Tools for Manufacturing Bolts on Automatic Lines, by A. N. Gladkikh, N. I. Maslennikov.

RUSSIAN, per, Kuznechno-Shtampovochnoye Proiz, No 10, 1960, pp 21-24.

BISI 2454

The Overheating of Iron in the Cupola; by A. V. Kaibichev, V. P. Chernobtovkin.

RUSSIAN, per, Lit Proiz, No 12, 1959, pp 22-24.

DSIR M.2356

Mechanization of Transport Operations in Steel Casting Shops, by K. P. Kostenetskiy, 11 pp.

RUSSIAN, per, Mekh i Avtomat Proiz, No 9, 1960, pp 8-12.

JPRS 10264

Scientific
Engineering (Contd)

Overall Automation of Charge Delivery to
Blast Furnaces, by L. I. Fedorov,
A. A. Ganich, 10 pp.
RUSSIAN, per, Mekh i Avtomat Proiz, No 9,
1960, pp 12-15.

JPRS 10255

Automatic Regulation of Strip Thickness on
Continuous Mills, by V. V. Kozhevnikov,
6 pp.
RUSSIAN, per, Mekh i Avtomat Proiz, No 9,
1960, pp 18, 19.

JPRS 10267

Mechanization of Sample Delivery From Steel
Casting Shops, by Ya. S. Pinus, 6 pp.
RUSSIAN, per, Mekh i Avtomat Proiz, No 9,
1960, pp 20, 21.

JPRS 10268

Mechanized Transport of Bricks in Stacks
Without Packing, by K. A. Kotov.
RUSSIAN, per, Mekh Stroitel, Vol XVI,
No 9, 1959, pp 26-28.

DSIR LLU M. 1992

Against Conservatism in Technology and Engineering
Science, by V. Semenov, I. Grinberg, V. Luk'yanov,
et al, 11 pp.
RUSSIAN, per, Nauch-Tekh Obshch SSSR, No 4, 1960,
pp 32-35.

DSIR NLL Tr Bul
Vol III, No 1, Jan 1961

Builders of Cosmic Ships, by Vladimir Orlov,
9 pp.
RUSSIAN, np, Pravda, No 240 (15730), 27 Aug
1961, pp 1, 4.

JPRS 10401

A Portable Neutron Generating Tube Using Ion
Acceleration, by E. A. Ab, G. M. Andrianov,
et al.
RUSSIAN, per, Pribory i Tekhika Eksperiment,
1961, p 129.

*AEC

Automatic Control and Man, by V. A. Trapeznikov,
Z. Tyrnka, V. Broyda, 5 pp.
RUSSIAN, per, Radio, No 9, 1960, pp 12-13.

JPRS 4978

Design Method for an Automatic Control
System With Nearly Optimum Transient
Conditions, by A. V. Rozanov, V. I. Kukhtenko,
(DC-6381).
RUSSIAN, per, Samoletnoye Elektrooborudovaniye,
No 1, 1960, pp 63-69.

*JPRS

Scientific
Engineering (Contd)

Water Level Indicators of Electrode Type for the Automatic Operation of Pumps, by V. P. Bukholtz, P. S. Perevozov. RUSSIAN, per, Shakhtnoye Stroitel, No 11, 1959.

DSIR NLL M.1812

Successful Use of Short Delay Detonators in USSR, by E. A. Kandel, et al. RUSSIAN, per, Shakhtnoye Stroitel, No 11, 1959, pp 27-29.

DSIR NLL M.1813

Normative Reliability Coefficient for Radio Engineering Products, by P. M. Rabinovich, RUSSIAN, per, Standartizatsiya, No 6, 1960, pp 11-13.

*FTD-TT-61-139

Conference on the Quality of Calculating Machines, by A. M. Bondarev, (SF-2000). RUSSIAN, per, Standartizatsiya, No 3, 1961, p 57.

*JPRS

The Designing the [Marine] Propellers With Aerofoil Sections, by I. A. Titov, 7 pp. RUSSIAN, per, Sudostroyeniye, No 3, 1958, pp 10-16.

Amer Meteorol Soc
X-R-294

Mechanization of Engineering Calculations With the Use of Industrial Computing Machine Stations, by M. T. Chashkov, I. D. Kreymer, 4 pp. RUSSIAN, per, Sudostroyeniye, Vol XXVI, No 8, 1960, pp 58-59.

JPRS 10300

The Effect of a Turn of Blades in the Cascades of an Elementary Stage of an Axial Compressor Upon Its Characteristics, by V. F. Krivoshein. RUSSIAN, per, Teploenergetika, No 7, 1959, pp 32-36.

DSIR NLL M.1410

On the Problem of Raising the Efficiency and Output of Gas Turbines, by D. P. Gokhshteyn. RUSSIAN, per, Teploenergetika, No 12, 1960, pp 33-34.

*FTD-TT-61-132

Heat-Resistant Steel as a Bolting Material for Steam Power Installations, by L. Ya. Liberman, M. N. Sokolova. RUSSIAN, per, Teploenergetika, Vol VIII, No 5, 1961, pp 23-34.

BISI 2451

Scientific
Engineering (Contd)

Approximate Graphical Determination of the Boundary Between Two Deformation Regions in Wood Testing-Machine Diagrams, by Yu. M. Ivanov, 7 pp.
RUSSIAN, per, Trudy Inst Lesa, Ak Nauk SSSR, Vol IX, 1953, pp 332-336.

OTS 61-11420
PL-480

An Investigation of the Pusher and Wrapping-Unit Mechanisms of an Automatic Soap Wrapping Machine, by V. P. Litovchenko.
RUSSIAN, per, Trudy Krasnodarskogo Inst Pishchevoi Prom, No 16, 1957, pp 83-86.

DSIR NLL RTS 1577

The Development of a New Intrinsically Safe Remote Control Circuit for Mining Machines and Mechanisms, by P. A. Kolodochka.
RUSSIAN, per, Trudy Makeyevka Nauk Issled Inst: Voprosy Gornoy Elektromekh Vol IX, No 2, 1959, pp 127-141.

DSIR LLU RTS 1644

The Relation Between the Heat Resistance of Dielectrics and Their Chemical Composition and Structure, by V. I. Kalitvyanskiy.
RUSSIAN, per, Trudy Voprosy Elekt Izolyatsii, No 62, 1958, pp 43-87.

DSIR NLL M.1604

Physical Basis of Electric Spark Processing of Metal.
RUSSIAN, per, Vest Ak Nauk SSSR, Vol VI, No 7, 1959, pp 49-56.

*FTD-TT-61-106

Control Device for the Electric Current in Steel Melting Arc Furnaces, by A. D. Sventchanskiy.
RUSSIAN, per, Vest Elektroprom, No 8, 1960, pp 23-26.

BISI 2365

Characteristics of Winding Wires With Oxide Insulation, by A. I. Biryukova, T. M. Orlovich, S. S. Solomonik.
RUSSIAN, per, Vest Elektroprom, No 1, 1961, pp 25-31.

*FTD-TT-61-126

Self-Contained Pneumatic Chucks for Turret Lathes, by V. A. Volosatov, 7 pp.
RUSSIAN, per, Vest Mashin, No 6, 1958, pp 64-67.

DSIR LLU Bul
Vol II, No 11, 1960

Scientific
Engineering (Contd)

Prospects Regarding the Most Efficient
Utilization of Water Sources in Barnaul,
by V. M. Gavrilenko, 5 pp.
RUSSIAN, per, Vodosnabzheniye i San Tekh,
1958, pp 31-33. (Call No TD5, 107,
1958, No 8, E Tr).

AMS

Theoretical Considerations and Calculations
Concerning Some Hydraulic Transmission Systems,
by V. P. Yushkov.
RUSSIAN, per, Zhur Tekh Fiz, Vol II, No 4,
1959, pp 63-71.

DSIR NLL M.1473

Alkaline Voltaic Cell of Cylindrical Shape,
by F. Kh. Nabyullin, S. A. Gantman.
RUSSIAN, Patent No 129,690.

*FTD-TT-61-171

An Automatic Disconnecter for Charged Silver
Zinc Storage Batteries, by K. P. Nefedov.
RUSSIAN, Patent No 131,793.

*FTD-TT-61-172

A Wide-Range Directional Antenna, by
V. D. Kuznetsov, V. K. Paramonov.
RUSSIAN, Patent No 131,793.

*FTD-TT-61-173

An Electronic Device for Differentiation
the Envelope of an A/C Voltage, by
A. A. Bessonov.
RUSSIAN, Patent No 134,039.

*FTD-TT-61-174

Selected Articles From the Chinese Periodical
Shui-wen Ti-chih Kung-ch'eng Ti-chih.

No 1, 1959.
Concerning Further Simplification of "Some
Theoretical and Practical Questions of Com-
bined Pumping", by Kao Chung, 6 pp, (pp 21-23).

JPRS 4951

Methods and Principles of Forecasting Reservoir
Wall Collapse and Some Reference Data, by
Sun Kuang-chung, 7 pp, (pp 24-26).

Engineering Geology Survey of Erh-hai
Aqueduct Tunnels, 8 pp, (pp 27-29).

Geological Computation "Disc", by Chi
Chih-T'ao, 9 pp, (pp 29-32).

Scientific
Engineering (Contd)

Selected Articles From the Chinese Periodical
Shui-wen Ti-chih Kung-ch'eng Ti-chih. (Contd).

No 5, 1959.

JPRS 4969

Adapt to New Situations in the Great Leap Forward Strengthen Leadership of Hydrogeological and Engineering Geological Work, by Chou Kang, 9 pp, (pp 3-6).

Some Ideas on Hydrogeological Work in Some Areas of Kwangtung and Kwanghsi Provinces, 5 pp, (pp 6-8).

No 7, 1959.

JPRS 8987

Summary of the Second National Conference on Geohydrology and Engineering Geology of the Ministry of Geology, by Ho Ch'ang-kung, 10 pp, (pp 1-8).

Classification and Distribution of Artesian Basins in China, by Ch'en Meng-Hsiung, Chi Chuang-hao, Sun Chang-jen, 8 pp, (pp 13-16).

Initial Proposals and Geohydrological Classification Principles of Hard Mineral Deposits, by Wang Jui-teng, 4 pp, (pp 17-18).

Preliminary Compilation of a General Engineering Geology Map for China (1:4,000,000), by Chiang Ta-ch'uan, Chu Ping, Hsu Kuei-sen, et al, 6 pp, (pp 19-21).

Principles of Regional Classification for Engineering Geology, by Liu Kao-ch'ang, 4 pp, (pp 22-24).

Type-Division of Chinese Dam Bases For Engineering Geology, by Hu Hai-t'ao, Lu Yao-ju, Su Hui-po, 6 pp, (pp 25-26).

Some Experiences in Handling Mass Activities To Strengthen Production Management in the Big Leap Forward, 6 pp, (pp 27-29).

Scientific
Engineering (Contd)

Selected Articles From the Chinese Periodical
Shui-wen Ti-chih Kung-ch'eng Ti-chih. (Contd)

No 7, 1959.

JPRS 8987

The Geohydrological Division of the Ho-Hsi
Corridor of (Kansu Province), by Fang
Hung-ts'u, 5 pp, (pp 30-32).

Geotechnical Conditions of the San-men-hsia
Conservation Project (Summary), by
Chia Fu-hai, 5 pp, (pp 32-35).

Geohydrological Conditions of the Kuan-chung
District, by Chao Li-tien, 3 pp, (pp 34-35).

Geohydrology of the Chaio-tso Coal Field and
Geohydrological Conditions of the Mine Shafts,
by Sun Wen-yu, Ting Chin-kuai, 4 pp, (pp 36-37).

Geohydrological Conditions and Work Methods for
the San-ho Permafrost Region (Summary), by
Chang Chin-k'uei, Peng Yen-ling, 5 pp,
(pp 38-40).

No 10, 1959.

The Growth of the Institute of Hydro-Geology
and Engineering-Geology Since the Establishment
of the Country, by Chang Keng-sheng, 7 pp,
(pp 7-8).

JPRS 4950

A New Method of Bore Hole Washing and Water
Pumping, by Chou Shih-t'ung, 4 pp, (pp 34-35).

JPRS 4984

A Simplified Method of Computing Permeability
by Head Loss Tests, 4 pp, (pp 36-37).

JPRS 4984

Sintering of Iron Ores With Partial Replacement
of the Solid Fuel by Another Source of Heat,
by E. Seidler.

CZECH, per, Hutnicke Listy, Vol XVI, No 5, 1961,
pp 307-311.

MT 198

Parachute With Aerodynamic Regulator,
by J. Skala, 3 pp.

CZECH, per, Kridla Vlasti, No 3, 31 Jan 1961,
pp 19, 9671153

FTD MCL-1281/1

Scientific
Engineering (Contd)

The Analysis of Accuracy of Sorting of Parts,
by V. Klega, 8 pp.

CZECH per, Strojirenstvi, Vol V, 1955,
pp 219-221. 9080945

AEC Tr-4541

The Use of Analogue or Digital Computers in
Solving Heavy-Current Problems. III, by
L. Hannakam.

DUTCH, per, De Ingenieur, Vol LXXII, 29 Jul
1960, pp E.67-E.78, 12 Aug 1960, pp E.79-E.94.

BISI 2298

Cartographic Activities of the Czechoslovak
Central Administration of Geodesy and Cartog-
raphy, 1957-1960, 4 pp.

FRENCH, document.

JPRS 10363

Selected French Papers Presented at the Inter-
national Steelworks Transport Conference, Milan,
Jun 1961.

Handling Raw Materials Before They Reach the
Blast-Furnace; Some Aspects of Transport and
Discharge, by M. Barbier.

BISI 2129

The Weighing of Wagons, Lorries and Belt
Conveyors in the Iron and Steel Industry, by
M. Brochu.

BISI 2119

Example of the Study of a Problem of Internal
Transport by a Simulation Method, by A. F.
de Lafon.

BISI 2120

Systems of Transport for Supplying the Blast-
Furnace, by M. Mevis.

BISI 2345

Tests of the Experimental Altitude Pressure Suit
DTI Type 100 No 3, by Colin.

FRENCH, rpt, Essais du Scaphandre Aerien
Experimental DTI Type 100 No 3, No 1, 9 Jun
1960, 30 pp.

*FTD TT-61-164

Tests of EFA Ventilated Stratospheric Clothing,
Type 25 and On SGP Overclothes Type 21, by
Colin.

FRENCH, rpt, Essais du Vetement Stratospherique
Ventile E.F.A. Type 25 et du Survetement S.G.P.
Type 21, Report No 83, 4 Jul 1960, 33 pp.

*FTD TT-61-165

Scientific
Engineering (Contd)

Reactor G 1: Flux Charts in the Flat Reactor,
by J. P. Genthon, 25 pp.

FRENCH, rpt, Reacteur G 1: Cartes de Flux de la
Pile Plate, Note CEA No 222, Oct 1957. 9081064

AEC Tr-4504

Heat, Law of Heating and of Cooling of a Furnace
Heated by a Constant Calorific Flux, by
A. Danjon,

FRENCH, per, Comptes-Rendus Academie Des
Sciences, Paris, No 230, 1950, pp 1011-1015.

CSIRO

Construction Techniques of Solid Moderator
Piles, by R. Martin.

FRENCH, per, Genie Atomique, Vol III, Annexe I.,
28 pp.

*AEC

Increase of the Period of a Galvanometer Through
a Condenser, by J. Coulomb, 7 pp.

FRENCH, per, Mesures, Vol CLXXIX, 1952, pp 221-224.

AEC SCL-T-343

The Charging of Fine Materials Into Blast
Furnace, by P. Thierry.

FRENCH, per, La Metallurgie, Vol LXXXIV,
No 5, 1953, pp 345-351.

Broken Hill Proprietary
Co Ltd

Seventeen Million Kilometers Travelled by
Diesel Locomotives of the Alsthom Company
on the Gafsa Railroad, by Claude Daillencourt,
FRENCH, per, Revue de l'Association Francaise
des Amis des Chemins de Fer, No 227, 1961-
1962, pp 51-58.

*ACSI H-9880
ID 2174775

A Practical Application of Operational Re-
search to the Working of Glass Tanks I.,
by M. Spilhan.

FRENCH, per, Silicates Industriels, Vol XXIV,
1959, pp 351-358.

CSIRO

A Practical Application of Operational
Research to the Working of Glass Tanks II.,
by M. Spilhan.

FRENCH, per, Silicates Industriels, Vol XXIV,
1959, pp 440-445.

CSIRO

Transportation of Solids by Pipeline in Coal
Mines, by M. Coeuillet.

FRENCH, per, La Technique Moderne, Vol LII,
No 6, pp 312-318, 1960.

Dept of Interior
TN7 E57 No 423

Scientific
Engineering (Contd)

Diesel-Electric Rack-Railcars, 3 pp.
FRENCH, per, La Vie du Rail, No 87,
Jun 1961, pp 13-15.

525th MI. H-9970
ID 2174791

New Shield for Pressurized Atomic Reactor,
FRENCH, Patent No 752,436, 26 Nov 1957.

*AEC

New Prestressed Concrete Shield for
Pressurized Atomic Reactors.
FRENCH, Patent No 775,380, 26 Sep 1958.

*AEC

Republic of France -- New Process and Apparatus for
the Manufacture of Porous Membranes, 15 pp.
FRENCH, Patent No 1,213,624. 9081354

AEC Tr-4764

Detector Instruments for Toxic Gases, Vapors and
Dusts, by Karl Heinz Lohs, 71 pp.
GERMAN, rpt. 9671054

United States Army Chemical
Procurement District, N. Y.
290 Broadway
New York 7, N. Y.

Selected German Papers Presented at the
International Steelworks Transport Conference,
Milan, Jun 1961.

The State of Development of Transport by Lorries
and Other Mobile Equipment in German Steelworks,
by W. Koch, A. Muller.

BISI 2177

State of Development of Weighing Installations
in German Steelworks, by D. Pruss.

BISI 2101

Technical Weighing Problems in the Flow of
Materials in a Steelworks, by H. H. von
Lintig.

BISI 2102

Soviet Technical Advances in the Construction
of Gas Pipelines, by A. K. Kortunov, 30 pp.
GERMAN, bk, Das Gas-und Wasserfach, Munich,
West Germany, November 1960, pp 1205-1210.
(Call No TP700 G25, V 101, No 47, E Tr)

AMS

Tests Concerning the Pressures Produced
on Forms in the Course of Concrete Placing,
by Dr Otto Graf, Ferdinand Kaufmann, 60 pp.
GERMAN, bk, Deutscher Ausschuss fur Stahlbeton,
Berlin, Germany, 1960, pp 1-30. (Call No EIF
372052, E Tr)

AMS

Scientific
Engineering (Contd)

Compressive Strength of the Upper Part of Concrete After Its Consolidation by Internal Vibrators, by Kurt Walz, Hermann Schaffler, 8 pp.
GERMAN, bk, Deutscher Ausschuss fuer Stahlbeton, Berlin, Germany, 1960, pp 33-36. (Call No EIF 372052, E Tr)

AMS

Tests on the Consolidation of Concrete in Loose and Fixed Moulds on a Vibrating Table, by Johannes Strey, 17 pp.
GERMAN, bk, Deutscher Ausschuss fuer Stahlbeton, Berlin, Germany, 1960, pp 39-47. (Call No EIF 372052, E Tr)

AMS

Side-Channel Pumps, by Carl Pfeleiderer, 20 pp.
GERMAN, rpt, Die Kreiselpumpen fuer Flussigkeiten und Gase Wasserpumpen, Ventilatoren, Turbogeblase Turbokompressoren, 1955, pp 571-584. 9081355

AEC Tr-4765

Selected Articles From the German Periodical AEG Mitteilungen, Vol L, No 8/9, 1960.

The New Multipurpose Chopper Bar Controller, by R. Grawe, H. Lindorf, (pp 331-335).

*BISI 2438

Programme Controller, by E. Samal, (pp 335-341).

*BISI 2439

Instantaneous Controller Geavit, by K. H. Zeitz, (pp 342-345).

*BISI 2440

The Further Development of the AEG Impulse Magnetizer, by T. Dambier, K. Ruschmeyer, (pp 388-391).

*BISI 2441

Accurate and Rapid Speed Control With Digital Techniques, by W. Fritzsche, (pp 419-426).

*BISI 2442

Building Elements for the Industrial Analogue Computing Technique, by W. Dhen, (pp 427-432).

*BISI 2443

Scientific
Engineering (Contd)

Equilibria Between Carbon, Oxygen and Metals
Such as Chromium and Manganese in Relation
to Temperature During Oxygen Refining in the
Basic Electric Arc Furnace, by K. Tesche.

GERMAN, per, Archiv fuer Eisenhüttenwesen,
Vol XXXII, No 7, 1961, pp 437-450.

*BISI 2445

Concentric $\pi/4$ Conductors as a Probe for
Measuring Mechanical Vibration, by E.
Carlsruhe.

GERMAN, per, Archiv fuer Elektrotechnik,
Vol XLII, No 1, 1955, pp 5-13.

CSIRO

Propulsion of Ships by Closed-Circuit Gas
Turbines and Gas-Cooled Reactors, by K.
Bammert.

GERMAN, per, Atomkernenergie, No 2, 1957,
pp 381-384.

CSIRO

Hardmetals for Rock Drills, by H. Wolff.
GERMAN, per, Bergslaget, No 3, 1956, pp 11,
19-24.

Broken Hill Proprietary
Co Ltd
CRL/T.567

The Characteristics of Barytic Concrete for
Radiation Protection, as Regards Concrete
Technique, by R. Sell.

GERMAN, per, Beton und Stahlbetonau, Vol LIII,
No 3, 1958, pp 61-64.

CSIRO

Comparing Different Methods for Pneumatic Ash
Removal, by R. Nagel, R. Ibing.

GERMAN, per, Braunkohle Wärme und Energie,
Vol XII, Feb 1960, pp 53-59.

BISI 2230

Possibilities for Improving the Heat Economy
of Condensation Power Stations, by U. Senger.

GERMAN, per, Brennstoff-Wärme-Kraft, Vol VII,
No 2, 1955, pp 55-67.

CSIRO

Heating Problems With Large Transformers,
by W. Blankenburg.

GERMAN, per, Deutsche Elektrotechnik, Vol XI,
1957, pp 204-211.

CSIRO

Ionic Fire-Alarms, by K. Pawlik.

GERMAN, per, Deutsche Farben-Z. Vol XIV,
No 10, 1960, pp 397-398.

*AERE, Harwell
Tr No 1540

Scientific
Engineering (Contd)

Balancing of Large Inductors, by W. Kolbe.
GERMAN, per, Elektrizitätswirtschaft, Vol III,
1958, pp 60-64.

CSIRO

Basic Principles of the Layout of Earthing
Systems in H. V. Laboratories, by H.
Stephanides.
GERMAN, per, Elektrotechnik und Maschinebau,
Vol LXXVI, 1959, pp 73-79.

CSIRO

Possibilities of Improving the Precision and
Extending the Measuring Range of Integrating
Pneumatic Surface-Measuring Instruments, by
J. Mierzejewski.
GERMAN, per, Feingeratetechnik, Vol VI, No 2,
1957, pp 59-62.

CSIRO Tr 5287

Manufacture, Testing and Use of Precision Glass
Scales - an Example of Automation in Precision
Measuring by Means of Photo-Electric Methods,
by G. Meister, J. Cichon.
GERMAN, per, Feingerate Technik, Vol IX,
No 10, 1960, pp 429-439.

CSIRO Tr 5274

Pressure Losses in Transport Pipes of
Pneumatic Conveying Systems, by W. Konrath.
GERMAN, per, Ferdun und Heben, No 8, 1960,
pp 609-613.

NCB A 1965

Packaging Films, by E. Debus.
GERMAN, per, Fette und Seifen, Anstrichmittel,
Vol IX, 1958, pp 133-138.

CSIRO

Hydraulic Transportation of Lump Coal.
GERMAN, per, Fordern und Heben, No 2, 1960,
pp 91-93.

Dept of Interior
TN7 E57 No 402

Special Forms of Glass Melting Furnaces, by
H. Wickert.
GERMAN, per, Glastechnische Berichte, Vol XXXII,
No 5, 1959, pp 189-197.

CSIRO

Polishing of Glass, by E. Bruche, K. Peter.
GERMAN, per, Glastechnische Berichte, 1960,
pp 37-45.

CSIRO

Scientific
Engineering (Contd)

Splitting of Glass Panes, by B. Long.
GERMAN, rpt, International Congress on
Glass, 5th, 1959, III/3.

CSIRO

Elastic-Plastic Heat Stresses in Graphite-
Covered Spherical Fuel Elements, by
C. Machnig, P. Handge.
GERMAN, per, Kerntechnik, Vol III, No 6, 1961,
pp 258-261.

*AERE, Harwell
Tr No 1524

Manufacture of Machine-Washable Jersey, by
C. Maurer.
GERMAN, per, Melliand Textilberichte, Vol
XLI, No 7, 1960, pp 886-885.

CSIRO Tr 5129

The Replica Process and Its Limitation,
by H. Mahl.
GERMAN, per, Metalloberflache, Vol XII, No 10,
1958, pp 296-301.

CSIRO

The Preparation of Design Curves in Ship
Design, by H. Carstens.
GERMAN, per, Schiff und Hafen, Vol XI,
No 12, 1959, pp 1084-1090.

CSIRO

The Aglettron, a Machine Tool for Electric
Spark Machining, by W. Ullman.
GERMAN, per, Schweizer Archiv fuer Angewandte
Wissenschaft und Technik, Vol XXII, No 1, 1956,
pp 23-28.

CSIRO

Acceleration of Large Rotating Masses by
Means of A. C. Squirrel Cage Rotors, by
R. Ulke.
GERMAN, per, Siemens Z. Vol XXX, 1956,
pp 384-390.

CSIRO

Experimental Interference Suppression on a
Prototype H. F. Welding Machine EDS-4, by J.
Andras.
GERMAN, per, Slaboprudy Obzor, Vol XIX,
No 12, 1958, pp 857-861.

CSIRO

Scientific
Engineering (Contd)

Selected Articles From the German
Periodical Stahl und Eisen.

1959, pp 1461-1471. The Effect of Pre-Treatment of the Charge in Blast Furnace Operation, by H. Kahlhofer, et al.	CSIRO
Vol LXXX, No 13, 1960, pp 854-861. Reduction Mechanism and Temperature Dis- tribution in the Blast Furnace, by E. Schurmann, W. Zischkale, P. Ischebeck, G. Heynert.	HB 5156
Vol LXXXI, Jan 1961, pp 46-50. A Rapid Test of the Machinability of Free Cutting Steels Using the Weight-Feed Method, by H. Becker.	BISI 2185
Vol LXXXI, Feb 1961, pp 195-199. The Modern Coking Technique, by K. G. Beck.	*BISI 2436
Vol LXXXI, 28 Jul 1961, pp 1017-1021. Practical Experience With the Planetary Mill, by H. Matthaei.	*BISI 2446
Vol LXXXI, 31 Aug 1961, pp 1192-1203. Effect of the Material and Internal Stresses on the Life of Basic Converter Steel Ingot Moulds, by W. von Gerkan.	*BISI 2453
Vacuum Pumps, by W. Armbruster. GERMAN, per, <u>Technische Rundschau</u> , No 12, 1961.	*AERE, Harwell Tr No 1525
Direct-Reading Direction Finder, 131 pp. GERMAN, per, <u>VEB Funkwerk Kopenik</u> .	USASIA: SC-64/60
Terms and Definitions in Connection With Cutting Tools, by G. Roehlke. GERMAN, per, <u>Werkstoff und Betrieb</u> , No 86, 1953, pp 335-341.	CSIRO Tr 5022
Control for Machine Tools, Especially Grinding Machines, by Means of a Measuring Device, by Georg Koppenwallner, inventor, 9 pp. GERMAN, Patent No 912,061..	Patent Office Scientific Lib

Scientific
Engineering (Contd)

Arrangement for Determining Overheated Axles
of Railway Vehicles, by Gotthold Rehschuh,
Inventor, 6 pp.

GERMAN, Patent No DAS 1,002,381.

Patent Office
Scientific Lib

Method For the Separation of Gases and Mixtures
of Isotopes, by Jens Christiansen, Karl-Friedrich
Leisinger, 4 pp.

GERMAN, Patent No 1,055,508, 23 Apr 1959.

AEC Tr-4751

Equipment for the Separation of Isotopes in
the Gaseous Phase by Means of Isotope Traps,
5 pp.

GERMAN, Patent No 1,058,024. 9081356

AEC Tr-4752

Method for the Separation of Gases, Vapors
or Mixtures of Gases and Vapors, Particularly
of Isotopes, 7 pp.

GERMAN, Patent No 1,060,846, 9 Jul 1959.

AEC Tr-4754

New Hungarian Patents, 6 pp.

HUNGARIAN, per, Ujitok Lapja, Vol XIII, No 4,
1961, pp 28-29.

JPRS 4987

Weighing in Transport: Technical and Admin-
istrative Aspects, by A. Ricci.

ITALIAN, Paper Presented at the International
Steelworks Transport Conference, Milan,
Jun 1961.

BISI 2147

The Transport of Raw Materials to the Blast-
Furnace, by B. Cassani.

ITALIAN, Paper Presented at the International
Steelworks Transport Conference, Milan,
Jun 1961.

BISI 2269

Brushes for Electrical Machines: Effect of
Ambient Factors on Operation, by R. Mayeur,
B. Semenza.

ITALIAN, per, Associazione Elethotechnica
Italiana, Milan. Riunione, (Fasc. 2):
Paper 105, 1957.

CSIRO

Forced Vibrations (Oscillations) With Viscous
Friction and Coulomb Damping, by Ettore
Funaioli.

ITALIAN, per, Revista Ingegneria, Vol IV,
No 2, 1954, pp 165-171.

*AEC

Scientific
Engineering (Contd)

Combined Litter Extension Pillow Support and
Back Rest, by J. M. Collins.
ITALIAN, Patent No 302,245, Tenda Con Letti da
Campo Pieghevoli, 1932, 5 pp.

*FTD-TT-61-193

Screen Giving Stereoscopic Effect to Motion
Picture and Slide Projections, by Quinzio
Cantoni, -5 pp.
ITALIAN, Patent No 305,077.

Patent Office
Scientific Lib

Status of Development of Antenna and Feeder
Theories in the Soviet.
JAPANESE, per, Denshi Kogyo, Vol VII, No 6,
1958, pp 39-43.

ACSI H-5419-C
ID 2174801

On the Lining of Basic Oxygen [LD] Furnaces,
by S. Maehara, T. Kohtani.
JAPANESE, per, Tetsu to Hagane, Vol XV, No 9,
1959, pp 957-959.

HB 4943

Basic Oxygen [LD] Furnace Operated on High
Hot Metal Charges, by S. Maehara,
T. Kohtani, K. Tagiri.
JAPANESE, per, Tetsu to Hagane, Vol XLV,
No 9, 1959, pp 959-961.

HB 4947

Behavior of Hydrogen in Basic Arc Furnace
Steel Bath During Oxidizing Stage, by
S. Nagata, et al.
JAPANESE, per, Tetsu to Hagane, Vol XLV,
No 9, 1959, pp 966-967.

HB 5117

Statistical Analysis of Operating Conditions
in Cast Iron Foundry Practice, by
Anezka Zaludova, 20 pp.
POLISH, rpt, Sbornik Prednasek Pracovniku
Vyzkumneho Ustavu Tepelne Techniky, 1956,
pp 144-162. 9081182

AEC Tr-4540

An Investigation of the Solubility of Various
Kinds of Polish Limestones, by T. Litynski,
R. Zulinski, K. Wagner, 20 pp.
POLISH, per, Cement Wapno Gips, Vol X, No 4,
1954, p 66-76. 9081628

OTS 60-21236
PL 480

Scientific
Engineering (Contd)

The Modern Technology of Rolling Heavy Rails,
by R. Miculescu.
RUMANIAN, per, Met Constr Masini, No 11, 1959,
pp 934-939, No 12, 1959, pp 1033-1037.

BISI 2286

Technology for the Manufacture of Ceramic
Fuel Elements, by C. Corsetti.
SPANISH, per, Energia Nucleare, Milan,
1958, pp 509-521.

CSIRO

Heating Installation Using Liquid Fuel,
by Jean Studer, 10 pp.
SWISS, Patent No 306,584.

Patent Office
Scientific Lib

Reasons for Formation of Cracks in Welded
Joints of High Pressure Pipelines and Means of
Avoiding Them, by S. S. Yakobson, 11 pp.
UNKNOWN,

AEC NP Tr-653

Method of Calculation for Bridges With Several
Longitudinal Beams, Taking Into Consideration
Their Torsional Resistance, by C. Massonnet.
UNKNOWN, Publications of the International
Association for Bridge and Structural Engin-
eering, No 10, 1950, pp 147-182.

Univ of Melbourne
Language Section
Faculty of Science
T.303

Bending of Rectangular Anisotropic Slabs,
Supported Free at Two Sides and Loaded Normal
to the Middle Plane, by H. S. Gediili.
UNKNOWN, Publications of the International
Association for Bridge and Structural Engin-
eering, No 11, 1951, pp 111-128.

Univ of Melbourne
Language Section
Faculty of Science
T.304

Scientific
Fuels

Developments in Rocket and Jet Fuels,
by K. K. Papok, Ye. G. Semenido,
9 pp.
RUSSIAN.

Dept of Interior
TN7 E57 No 387

The Compressibility of Motor Fuels, by
I. V. Astakhov, 16 pp.
RUSSIAN, per, Energo-Mashinostroyeniye,
No 9, 1960, pp 8-11. 9663462

FTD MCL-1288/1

Universal Method of Calculating the Thermo-
dynamics of Rocket Fuels, by V. E. Alemasov,
A. P. Tishin.
RUSSIAN, per, Iz Vysshikh Ucheb Zaved,
Aviats Tekh, No 2, 1958, pp 74-85.

*FTD-TT-61-45

Evaporation and Combustion of a Single-
Component Fuel in a Chamber of a Liquid
Engine ZHRD, by S. M. Il'yashenko, 18 pp.
RUSSIAN, per, Iz Vysshikh Ucheb Zaved,
Aviats Tekh, No 4, 1960, pp 72-82.
9663478

FTD MCL-1168/1

Obtaining Gases of a Given Composition
When Gasifying Solid Fuels Under High Pres-
sure, by V. S. Al'tshuler, G. S. Shafir.
RUSSIAN, per, Khim i Tekh Topliva i Masel,
Vol III, No 7, 1958, pp 1-8.

DSIR LLU M.2290

Methods of Increasing the Energy Content
of Hydrocarbon Fuels, by Ya. B. Chertkov,
7 pp.
RUSSIAN, per, Khim i Tekh Topliv i
Masel, No 4, 1960, pp 1-4. 9663464

FTD MCL-1300/1

Thermal Conductivity and Diffusivity
of Russian Coking Coals, by A. F. Beletski.
RUSSIAN, per, Koks i Kimiya, No 3, 1940,
pp 24-26.

NCB A.1930

The Calculation of Coke-Over Charges on
the Basis of the Petrographic Composition
of Coals, by I. I. Ammosev, et al.
RUSSIAN, per, Trudy Inst Goryuchikh
Iskopayemykh Ak Nauk SSSR, Vol VIII,
1959, pp 21-30.

NCB A 1969

Scientific
Fuels (Contd)

Effects of Speed on Coking and of Bulk Weight of the Coal Charge on Coke Quality, by J. Kunc, V. Charvat. CZECH, per, Paliva, Vol XL, No 6, 1960, pp 181-186.

CSIRO Tr 5291

Underground Gasification (of Coal) in the USSR, by O. de Crombrugghe, 93 pp. FRENCH, per, Annales des Mines de Belgique, No 5, May 1959, pp 478-534.

Dept of Interior
TN7 E57 No 394

Experiments and Progress in the Field of Selection and Reduction of Coal, Coke, and Ore Samples, by K. Ehrmann, H. Sporbeck. GERMAN, per, Brennstoff-Chemie, Vol XL, No 5, 1959, pp 36-42.

Broken Hill Proprietary
Co Ltd
CRL/T.539

Differential Thermal Analysis as a Method of Evaluation for Coals, by C. Kroger. GERMAN, per, Brennstoff-Chemie, Vol XL, No 9, 1959, pp 286-289.

Broken Hill Proprietary
Co Ltd
CRL/T.530

A Simple Method for Chromatographic Separation of Lubricating Oil Fraction, by G. Schwartz. GERMAN, per, Erdoel und Kohle, Vol X, 1957, pp 588-592.

CSIRO

Liquid Propellants for Rockets, Performance, Costs and Supply, by A. Dadien. GERMAN, per, Raketentechnik und Raumfahrt-sorschung, Vol V, No 3, pp 87-89.

*FTD-TT-61-163-A

Scientific
Geophysics

Absorption and Electron Distribution
in the F_2 Layer Determined From Measure-
ments of Transmitted Radio Signals From
Earth Satellites, by A. N. Kazantsev,
14 pp.
RUSSIAN, rpt.

Planetary & Space Sci
Vol I, No 2, 1959
PF

Selected Articles From the Russian Book
Issledovaniya Neodnorodnostey v Ionosphere,
Part V, No 4, 1960.

Amer Meteorol Soc
T-RC-21

Correlation Analysis as Applied to
Media With Three-Dimensional Character-
istics, by V. D. Gusev, S. F. Mirkotan,
(pp 7-19).

Three-Dimensional Properties of Iono-
spheric Irregularities, by S. F. Mirkotan,
(pp 20-38).

Displacements of Disturbances in the F_2
Layer, by D. T. Samardzhiev,
Yu. V. Kushnerevskiy, (pp 38-44).

Anisotropy of the Form of Small-Scale
Irregularities and Their Movements in
the F_2 Layer, by Yu. V. Kushnerevskiy,
Ya. S. Zayarnaya, (pp 45-56).

The Movements of Irregularities of Dif-
ferent Scale in the Ionosphere, by
S. F. Mirkotan, Yu. V. Kushnerevskiy,
V. D. Gusev, (pp 57-69).

The Drift of Ionospheric Irregularities
According to the Observations Carried
Out in Rostov-on-Don, by V. L. Pozigun,
(pp 70-75).

Drift of Small-Scale Irregularities in
the Ionosphere According to Measurements
Obtained in Irkutsk, by V. D. Kokourov,
E. S. Kazimirovskiy, (pp 76-82).

Scientific
Geophysics (Contd)

Selected Articles From the Russian Book
Issledovaniya Neodnorodnostey v Ionosphere,
Part V, No 4, 1960. (Contd)

Amer Meteorol Soc
T-RC-21

The Measurement of Drifts in the Ionosphere With a Simultaneous Investigation of the Polarization State, by V. I. Taran, (pp 83-91).

Application Criteria of Correlation Analysis, by M. P. Kiyanovskiy, (pp 92-97).

Instructions for Hydrometeorological Stations, and Posts, No 8.

RUSSIAN, bk, Manual of Hydrometeorological Observations in Swamplands, 1955, pp 5-229.

Amer Meteorol Soc
X-R-295

Selected Articles From the Russian Book
Metody Geograf Issled, 1960.

JPRS 10095

Phototheodolite Work During Glaciological Investigations of Moscow University Department of Geography, by I. R. Zaitov, 10 pp, (pp 31-37).

Landscape and Specialized Physico-Geographical Cartography in a Composite Expedition, by V. A. Nikolayev, 13 pp, (pp 82-89).

Experience of Work on Taking an Inventory of Flood-Plain Fodder Lands, by V. G. Konovalenko, 9 pp, (pp 241-247).

Typological Landscape Investigations in Mountain Regions, by N. A. Gvozdetskiy, 11 pp, (pp 287-294).

Geographic Work in State Topographic Surveys, by N. I. Mikhaylov, 10 pp, (pp 295-302).

Physico-Geographic Observations of Soviet Geographers in Foreign Countries, by Ye. N. Lukashova, A. M. Ryabchikov, 12 pp, (pp 316-324).

Expeditionary Economic-Geographic Population Study, by I. I. Chavchanidze, 13 pp, (pp 346-354).

Scientific
Geophysics (Contd)

Hydrological-Climatological Characteriza-
tion, by V. P. Zenkovich.

RUSSIAN, bk, Morfologiya i Dinamika
Sovetskikh Beregov Chernogo Moria, Vol I,
1958, Chap IV, pp 68-88; Chap V, pp 100-108;
Chap VI, pp 126-146; Chap IX, pp 165-175.

*Navy/HO 141

Earthquake Frequency and a Map of Seismic
Activity, by I. L. Nersesov, Yu. V. Riznichenko,
11 pp.

RUSSIAN, bk, Seysmicheskiye i Gliatsiologi-
cheskiye Issledovaniya v Period Mezhdunarod-
nogo Geofizicheskogo Goda, No 2, 1959,
pp 31-38.

Amer Meteorol Soc
T-R-369

Selected Articles From the Russian Book
Seysmicheskiye Issledovaniya, Sbornik
Statey, XII Razdel Programmy MGG, No 4,
1960, (DC-6356).

*JPRS

Investigation of the Earth's Crust in
the Transition Region From the Asiatic
Continent to the Pacific Ocean in 1958,
by V. G. Vasil'yev, et al, (pp 7-46).

Deep Seismic Sounding in the Area of
the Baltic Shield, by I. V. Litvinenko,
et al, (pp 47-54).

Lg and Rg Waves From Earthquakes in
the Black Sea Basin and Some Considera-
tions on Their Nature, by Ye. F. Savarenskiy,
et al, (pp 55-77).

Wind Gustiness Within an Hourly Interval,
by I. D. Andreyev, 11 pp.
RUSSIAN, rpt, Voprosy Vetroyenergetiki,
1959, pp 5-10.

AEC SCL-T-360

The Long-Range Prediction of Anomalies of
Vertical Velocities of Air Movement
Over the Northern Hemisphere, by
Sh. A. Musayelyan, L. I. Sedov, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol I,
1961, pp 72-75.

JPRS 8959

Scientific
Geophysics (Contd)

The Use of a Full System of Thermo-dynamic Equations for Short Range Prediction Using a Two-Level Model, by Tseng Ch'ing-ts'un, L. I. Sedov, 4 pp. RUSSIAN, per, Dok Ak Nauk SSSR, Vol I, 1961, pp 76-78.

JPRS 8959

On the Secular Variation of the Magnetic Field in the Atlantic and Indian Oceans, by M. M. Ivanov, (DC-6378). RUSSIAN, per, Geomagnetizm i Aeronomiya, Vol I, No 4, Jul/Aug 1961, pp 588-593.

*JPRS

Conference on Rapid Variations of the Earth's Electromagnetic Field and Earth Currents, (DC-6378). RUSSIAN, per, Geomagnetizm i Aeronomiya, Vol I, No 4, Jul/Aug 1961, pp 623-626.

*JPRS

Fundamentals of the Theory of Snowdrifting, by A. K. Dyunin, 26 pp. RUSSIAN, per, Iz Sibirskoye Otdel, Ak Nauk SSSR, No 12, 1959, pp 11-24.

Amer Meteorol Soc
X-R-291

Universal Gravitational Cyclone Systems, by V. F. Vinogradskiy. RUSSIAN, per, Les Prom, Vol VII, No 5, 1958, pp 21-23.

DSIR LLU M. 1234

Selected Articles From the Russian Periodical Met i Gid.

No 5, Sep/Oct 1955, pp 3-8. Moisture Supply for Spring Wheat Where Virgin and Fallow Lands Are Cultivated, by S. A. Verige, S. B. Mastinskaya, L. A. Razumova, 8 pp.

JPRS 10360

No 5, 1961. On the Problem of Cyclone and Anti-cyclone Displacement, by N. I. Pavlov, 5 pp, (pp 24-26).

JPRS 8958

Scientific
Geophysics (Contd)

Selected Articles From the Russian
Periodical Met i Gid. (Contd)

No 5, 1961.
Review of Book "Sel'sko'khozyaystvennaya
Meteorologiya" (Agricultural Meteorology),
by V. I. Vitkevich, Moscow, 1960, published
by Sel'khozgiz, by L. G. Broydo,
O. A. Drozdov, I. A. Gol'tsberg, 9 pp,
(pp 49-53).

JPRS 8958

Review of Book "Razvitiye Gidrologii
Sushi v Rossii" (Development of Land
Hydrology in Russia), by I. A. Fedoseyev,
Moscow, 1960, published by the Institute
of the History of Natural Sciences and
Technology of the Academy of Sciences
USSR, by A. A. Sokolov, 4 pp, (pp 53, 54).

Transactions of Scientific Research
Establishments of the Hydrometeorological
Service USSR in 1960, 6 pp, (pp 55-57).

No 8, 1961, (DC-6330).
The Field of Geopotential in the Strato-
sphere, by Kh. P. Pogosyan, (pp 11-19).

*JPRS

Meridional Transformations of the Tempera-
ture and Pressure Field of the Atmosphere
and the Evolution of the Jet Stream, by
M. V. Shabel'nikova, (pp 26-32).

Precalculation of the Level of the Volga
River Below the Stalingrad Electric
Power Station by the Method of Electro-
modelling, by A. G. Levin, A. P. Zhidikov,
(pp 38-41).

Automatic Device for Measuring and Re-
cording the Coefficient of Exchange and
Turbulent Fluxes of Heat and Moisture,
by Yu. L. Rozenshtok, (pp 52-55).

Literature on Meteorology, Hydrology
and Oceanography in 1960, (pp 57-60).

Scientific
Geophysics (Contd)

Selected Articles From the Russian
Periodical Met i Gid. (Contd)

No 9, 1961, (DC-6375).

*JPRS

Principal Features of Temperature Distribution in the Atmosphere in Different Seasons (In the 0-100 km Layer), by V. R. Dubentsov, (pp 3-12).

On the Statistical Law of Wind Velocity Distribution, by I. G. Guterman, (pp 13-22).

On the Application of Foreign Methods of Monthly Weather Forecasts for the European Part of the USSR and Western Siberia, by V. G. Shishkov, (pp 29-33).

Scientists in Close Cooperation With Aviators, by S. S. Papandopulo, (pp 46-47).

Literature on Meteorology, Hydrology, and Oceanography in 1960, (pp 60-63).

Field Research by the Sino-Soviet Paleontological Expedition of the Academy of Sciences USSR and the Academy of Sciences China During 1960, by A. K. Rozhdestvenskiy, 8 pp.
RUSSIAN, per, Paleontol Zhur, No 1, 1961, pp 170-174.

JPRS 10236

Paleontological Section of the Moscow Society of Naturalists in 1960, by V. N. Shimanskiy, 3 pp.
RUSSIAN, per, Paleontol Zhur, No 2, 1961, pp 140-141.

JPRS 10416

7th Session of the All-Union Paleontological Society, by O. V. Amitrov, 4 pp.
RUSSIAN, per, Paleontol Zhur, No 2, 1961, pp 141-143.

JPRS 10415

Some Problems in Mapping Reefs, by P. A. Blahkin, Yu. N. Godin, S. S. Yefimkina, 27 pp.
RUSSIAN, per, Prik Geofiz, No 28, 1960.

MEB

Scientific
Geophysics (Contd)

- Will the North Get Warmer?, by
D. F. Drogaitsev, 15 pp.
RUSSIAN, per, Priroda, No 6, 1960,
pp 35-42. Amer Meteorol Soc
X-R-290
- The Upper Atmosphere and Interplanetary
Medium, by V. G. Kurt, 23 pp.
RUSSIAN, per, Priroda, No 2, 1961, pp 23-30.
9671174 FTD MCL-1047/1
- Weather and Satellites, by V. P. Perev,
A. A. Sochivko, 19 pp.
RUSSIAN, per, Priroda, No 7, 1961, pp 25-32. JPRS 8920
- Bibliography of Soviet Titles on Terrestrial
Electricity, (DC-6368).
RUSSIAN, per, Referativ Zhur Geofizika,
Referativ Zhur, Geologiya, No 1, 1958;
No 2, 1961. *JPRS
- Soviet Bibliography on Oceanography,
155 pp.
RUSSIAN, per, Referativ Zhur Geofizika,
Geografiya, Mekhanika, Feb 1960-Jun 1961. JPRS 8911
- The Chromospheric Flare of 29.3.1960., by
T. Razmadze.
RUSSIAN, per, Solnechnye Dannye, No 7,
1960, pp 68-73. CSIRO Tr 5433
- The Chromospheric Flare of 1.6.1960, by
R. Guseinov.
RUSSIAN, per, Solnechnye Dannye, No 7,
1960, pp 74-77. CSIRO Tr 5436
- Selected Articles From the Russian
Periodical Trudy Glavnaya Geofiz
Observ imeni A. I. Voyeykova.
No 71, 1957, pp 229-238. Amer Meteor Soc
X-R-289
A Method of Calculating Soil Tempera-
tures Under a Cover of Snow, by
T. I. Lappo, 11 pp.
- No 77, 1958, pp 20-33. Amer Meteor Soc
X-R-296
Certain Laws Governing Snow Melt
in Leningrad Oblast' USSR, by
N. A. Timofeyev, 18 pp.

Scientific
Geophysics (Contd)

Selected Articles From the Russian
Periodical Trudy Glavnaya Geofiz
Observ imeni A. I. Voyeykova. (Contd)

No 96, 1959, pp 84-100.
Characteristics of the Radiation Re-
gime During Clear Weather, by
Z. I. Pivovarova, 15 pp.

Amer Meteor Soc
T-R-373

No 103, 1960, (DC-6341).
Measuring the Vertical Component of Wind
Velocity by Means of Ultrasonics, by
N. P. Fateyev, (pp 85-89).

*JPRS

Measuring the Humidity of the Air With
Resistance Thermometers, by Ye. F. Glazova,
(pp 90-92).

Selected Articles From the Russian
Periodical Trudy Gosud Okean Inst.

Vol I, No 2/3, 1931.
Hydrology of Kara Sea, by A. I. Rossolimo,
(pp 24-27, 35).

*Navy/HO 140

The Stor Fjord, by V. A. Vasnetsov,
(pp 50-53, 64).

No 54, 1960, pp 35-60.
Year-To-Year Changes of the Heat
Balance in the Northern Portion of the
Atlantic Ocean Within the Last Ten
Years, by E. G. Arkhipova, 31 pp.

Amer Meteor Soc
X-R-295

Method of Forecasting the Geopotential
Field of the 300 MB Isobaric Surface,
by R. S. Golubov, 25 pp.
RUSSIAN, per, Trudy Kazakhskogo Nauchno-
Issled Gidrometeor Inst, Vol XV, 1960,
pp 11-26.

JPRS 10204

On the Problem of Forecasting the Pres-
sure Field at High Altitudes, by
Ye. D. Shekhtman, 8 pp.
RUSSIAN, per, Trudy Kazakhskogo Nauchno-
Issled Gidrometeorol Inst, Vol XV, 1960,
pp 27-31.

JPRS 10215

Scientific
Geophysics (Contd)

The Effect of the South-East Kazakhstan Mountain Massifs Upon the Dynamics of Atmospheric Processes, by Ye. D. Shekhtman, 16 pp.

RUSSIAN, per, Trudy Kazakhskogo Nauchno-Issled Gidrometeorol Inst, Vol XV, 1960, pp 32-40.

JPRS 10210

Hydrochemical Analyses of the Aral Sea in 1948, by N. F. Solov'yeva, 33 pp.

RUSSIAN, per, Trudy Lab Ozerovedeniya Ak Nauk SSSR, Vol VIII, 1959, pp 3-22.

JPRS 10054

Several Questions on the Theory of the Formation and Evolution of Stratiform Clouds, by L. A. Matveyev, 27 pp.

RUSSIAN, per, Trudy Lenin Arktikh i Antarktikh Nauch Issled Inst, Vol CCXXVIII, No 1, 1959, pp 14-37.

Amer Meteorol Soc
T-R-372

The Vertical Structure of Summer Fogs in the Dickson Island Region, by P. A. Vorontsov, V. I. Selitskaya, 17 pp.

RUSSIAN, per, Trudy Lenin Arktikh i Antarktikh Nauch Issled Inst, Vol CCXXVIII, No 1, 1959, pp 87-99.

Amer Meteorol Soc
T-R-368

Influence of Local Conditions on the Formation of Fogs, by I. V. Koshelenko, 15 pp.

RUSSIAN, per, Trudy Lenin Ukrain Nauchno-Issled Inst, No 21, 1960, pp 3-15.

Amer Meteorol Soc
X-R-292

Multiannual Fluctuations of Hydrological Characteristics of the Baltic, Barents and Caspian Seas and the Solar Activity, by I. M. Soskin.

RUSSIAN, per, Trudy Okeanograf Komissii, Morskiye Gidrometeorol Prognozy i Rascheti, Vol VII, 1960, pp 3-22.

*Navy/HO 142

Ionospheric Perturbation Caused by Moving Bodies, by A. V. Gurevich.

RUSSIAN, per, Trudy Rasprostraneniye Radiovoln i Ionosfera, Izdatelstvo Ak Nauk SSSR, Trudy Inst Zemnogo Magnetizma, Ionosfery i Rasprostraneniya Radiovoln, No 17 (27), 1960, pp 173-186.

*FTD-TT-61-143/1

Scientific
Geophysics (Contd)

Radiation Regime of Northern and Southern Slopes [in the USSR] in Relation to Geographical Latitude, by A. F. Zakharova, 24 pp. RUSSIAN, per, Uchenyye Zapiski Lenin Gosudarst U, No 269, Ser Geograf Nauk, Vol XIII, 1959, pp 24-49.

Amer Meteorol Soc
X-R-293

Relationship of Non-Uniformity Parameters of the Ionosphere to Its Excitation, by V. D. Gusev, Li Chun, 9 pp. CHINESE, per, Scientia Sinica, Vol X, No 2, Jun 1961.

JPRS 10252

The Origin of Brecciated Limestone of the Chia-ling River System in the Middle and Upper Triassic Period in Southeastern Szechuan, by Ch'ien Hsueh-p'u, 10 pp. CHINESE, per, Shui-wen Ti-chih Kung-ch'eng Ti-chih, No 1, 1959, pp 17-21.

JPRS 4951

Rapid Method of Analysis of the Ultimate Erosiveness of Ground Water, by Jao Ch'in-tse, 7 pp. CHINESE, per, Shui-wen Ti-chih Kung-ch'eng Ti-chih, No 10, 1959, pp 28-29.

JPRS 4993

An Initial Investigation on the Origin of the Shui-mo-kou Hot Springs of Urumchi, by Chin Lu-nien, 6 pp. CHINESE, per, Shui-wen Ti-chih Kung-ch'eng Ti-chih, No 6, 1960, pp 31-33.

JPRS 10334

On Our Country's Underground Water Source, by Chih Fei, 5 pp. CHINESE, np, Ta Kung Pao, 14 May 1961, p 3.

JPRS 8995

The Problem of Comprehensive Utilization of Water and Soil Resources in the Area of Hang-Chou, Chia-Hsing and Hu-Chou, by Yen Chung-min, Lu Hsin-hsien, Cheng Kuo-an, 26 pp. CHINESE, per, Ti-li Hsueh-pao, Vol XXV, No 4, 1959, pp 299-312.

JPRS 8963

Scientific
Geophysics (Contd)

The Significance of Soil Quality Evaluation and Its Use in Planning for Water and Soil Conservation and Land Utilization, by Lou T'ung-mo, 49 pp.

CHINESE, per, Ti-li Hsueh-pao, Vol XXV, No 4, 1959, pp 313-329.

JPRS 8963

Classification of Soil Erosion in the Loess Region, by Chu Hsien-mu, 30 pp.

CHINESE, per, T'u-jang Hsueh-pao, Vol IV, No 2, 1956, pp 99-114.

JPRS 4981

Sedimentation Conditions and Soil Development in the Vicinity of Lin-Ch'ing in Shantung, by Hsiung I, Hsi Ch'eng-fan, Chang T'ung-liang, 16 pp.

CHINESE, per, T'u-jang Hsueh-pao, Vol IV, No 2, 1956, pp 117-126.

JPRS 4975

Bacterial Transformation of Insoluble Organic and Inorganic Phosphorous Compounds Into Soluble Phosphates in Soils, by Itano Arao, Kan Yang-sheng, Hsieh Te-ling, 9 pp.

CHINESE, per, T'u-jang Hsueh-pao, Vol IV, No 2, 1956, pp 179-184.

JPRS 4991

Marine Surveying Instruments - Current Meters, by J. Joseph.

GERMAN, bk, FIAT Review of German Science 1939-1946 - Geophysics Part II, 1948, pp 192-202.

Navy 2877/HO 82

Circulating Currents in the Region of Van Allen Radiation Belt, by R. Fiebig, H. Voelcker.

GERMAN, per, Atomkernenergie, No 7/8, 1961, pp 300-309.

*FTD-TT-61-162

Internal Waves of Great Amplitude (Interne Wellen Grosser Amplitude), Part 2, by Von Wolfgang Krauss.

GERMAN, per, Deutsche Hydrographische Z., Vol V, 1958, pp 194-207.

Navy 2876/HO 70

The Use of Radioisotopes in Practical Geology, by Immo Wendt, 20 pp.

GERMAN, per, Kernteknik, Vol II, 1960, pp 1-9. 9081705

AEC Tr-4618

Scientific
Geophysics (Contd)

Atmospheric Turbulence and Scintillation,
by Prof Dr Siedentopf.
GERMAN, per, Sterne, Vol XIX, No 7, 1939,
pp 145-151.

CSIRO Tr 5284

Heartwood and the Chemistry of Heartwood,
by F. Holger.
GERMAN, per, Svensk Pappers-Tidning,
Vol LXI, 1958, pp 625-632.

CSIRO

Methods for the Measurement of Humidity,
by W. Haussler.
GERMAN, per, Wissenschaftliche Z der
Hochschule fur Maschinenbau Karl-Marx-Stadt,
Vol I, No 1, 1958/1959, pp 77-85.

CSIRO Tr 4978

The Black Sea, an Oceanographic Summary,
by Gerhard Neumann.
GERMAN, per, Z der Gesellschaft fuer
Erdkunde, No 3/4, 1944, pp 92-114.

*Navy/HO 139

Studies of the Phenomena of Waving Plants
("Honami") Caused by Wind, Part IV. Tur-
bulent Transfer Phenomena Over Waving Plants,
by E. Inoue, 18 pp.
JAPANESE, per, Journal of Agricultural
Meteorology, Vol XII, No 4, 1957, pp 138-144.

Amer Meteorol Soc
T-J-15

The Aerodynamic Measurement of Photo-
synthesis Over a Nursery of Rice Plants,
by E. Inoue, N. Tani, K. Imai, S. Isobe,
17 pp.
JAPANESE, per, Journal of Agricultural
Meteorology, Vol XIV, No 2, 1958,
pp 45-53.

Amer Meteorol Soc
T-J-14

Sunspot-Climatic Relationships in Fluctua-
tions of Glaciers in the Alps and Atmospheric
Precipitation in Korea, by Takeo Yakamoto,
10 pp.
JAPANESE, per, Journal Meteorological
Society of Japan, Vol XXXIX, 1961.

Amer Meteorol Soc
X-J-33

Scientific
Geophysics (Contd)

Selected Articles From the Japanese
Periodical Low Temperature Science,
Series A, Physical Sciences.

Vol XVII, 1958, pp 147-165.

Studies on Mechanical Properties of
Sea Ice, Part II. Measurement of
Elastic Modulus by the Lateral Vibra-
tion Method, by Tadashi Tabata, 28 pp.

Amer Meteorol Soc
T-J-11

Vol XVIII, 1959.

Internal Friction of Polycrystalline and
Single-Crystal Ice, by Daisuke Kuroiwa,
Kenji Yamaji, 11 pp, (pp 97-114).

Amer Meteorol Soc
X-J-32

Studies on Mechanical Properties of Sea
Ice, Part III. Measurement of Elastic
Modulus by the Lateral Vibration Method,
by Tadashi Tabata, 22 pp, (pp 115-129).

Amer Meteorol Soc
T-J-13

Studies on Mechanical Properties of Sea
Ice, Part IV. Measurement of Internal
Friction, by Tadashi Tabata, 22 pp,
(pp 131-148).

Amer Meteorol Soc
T-J-12

Vol XIX, 1960.

Studies on Mechanical Properties of Sea
Ice, Part V. Measurement of Flexural
Strength, by Tadashi Tabata, 11 pp,
(pp 187-201).

Amer Meteorol Soc
T-J-17

An Attempt to Estimate the Thickness
of Sea Ice by the Electric Resistivity
Method, by Kazuo Fujino, 10 pp,
(pp 203-213).

Amer Meteorol Soc
T-J-16

Changes in Total Precipitation With
Changing Altitudes in Zielona Gora.
POLISH, per, Czasopismo Geograficzne,
Vol XXXI, No 279, 1960.

*ACSI I-0191
ID 2180076

Scientific
Geophysics (Contd)

Phosphorus Retention and Phosphorus Forms
in Tropical Soils. 1. Retention of
Phosphorus by Goothite, Haematite,
and Gibbsite, by J. De Macedo.

SPANISH, per, Junta de Investigacoes do
Ultramer, Memorias, No 3, 1955, pp 1-46.

CSIRO Tr 4780

Annual Report of Sweden's Meteorological
and Hydrological Institute for 1960, (DC-6338).

SWEDISH, rpt, Sveriges Meteorologiska och
Hydrologiska Institut, 1960, pp 1-23, 35-37.

*JPRS

Summary Weather Report for May 1961, 6 pp.
VIETNAMESE, np, Thong Bao Thoi Tiet, No 6,
10 Jun 1961, pp 1-3, 5.

JPRS 10185

Summary Weather Report for June 1961, 6 pp.
VIETNAMESE, np, Thong Bao Thoi Tiet, No 7,
10 Jul 1961, pp 1-3.

JPRS 10185

Scientific
Mathematics

Mathematical Methods of Investigating
Automatic Regulation Systems, by
V. I. Zubov, 336 pp.

RUSSIAN, bk, Matematicheskiye Metody
Issledovaniya Sistem Avtomaticheskogo
Regulirovaniya, 1959. 9080946

AEC Tr 4494

Tests for the Accuracy of Setting of an
Automatic Sorting Machine, by Vladimir Klega,
Jiri Seitz, 16 pp.

RUSSIAN, per, Aplikace Matematiky, Vol III,
No 2, 1958, pp 124-140. 9080663

AEC Tr-4543

The Synthesis of R-Networks, by

E. I. Nechiroruk, 8 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI,
No 5, 1961, pp 1078-1081.

JPRS 9840

Rational Scientific-Methodical Basis for
the Three Modern Means of Approximate
Integration of Equations in the Theory
of Automatic Control, by G. M. Kayalov,
9 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved,
Elektromekh, No 3, 1960, pp 140-143.

JPRS 8926

Scientific
Medicine

Problems of Current Importance in
Virology, by L. A. Zil'ber, A. S. Kriviskiy,
302 pp.
RUSSIAN, bk, Aktual'nyye Voprosy Virusologii,
1960, pp 1-316.

JPRS 10254

Anatomy of Man, by M. F. Ivanitsky.
RUSSIAN, bk, Anatomiya Cheloveka, Chaps
I & II, Vol I, 1956, 3d Revised Ed,
pp 3-211.

*ACSI H-9359
ID 2170469

Concerning Mental Ability, by N. S. Leytes,
(NY-6768).
RUSSIAN, bk, Ob Umstvennoy Odarennosti,
1960, pp 1-215.

*JPRS

General Epizootiology, by M. S. Gannushkin,
(NY-6758).
RUSSIAN, bk, Obschaya Epizootologiya, 1961,
pp 1-264.

*JPRS

The Use of Radioisotopes in Clinical and
Experimental Investigations, Edited by
V. K. Modestov, 216 pp.
RUSSIAN, bk, Primeneniye Radioaktivnykh Izoto-
pov Klinicheskikh i Eksperimental'nykh
Issledovaniyakh, 1958.

OTS 60-51178
PL-480

Final Chapter and General Conclusions
From "Psychic Disturbances in Rabies",
by M. G. Gulyasov, 10 pp.
RUSSIAN, bk, Psikhicheskiye Narusheniya
pri Beshenstve, 1959, pp 216-223.

JPRS 10221

Selected Articles From the Russian
Book Zdorov'ye i Dolgoletiya, 1960,
(NY-6750).

*JPRS

Causes of Aging, Struggle Toward
Longevity, by A. G. Stankov, (pp 13-19).

What Influences Longevity, by
A. G. Stankov, (pp 55-59).

Struggle for Health and Longevity
in the USSR, by A. G. Stankov,
(pp 60-67).

Scientific
Medicine (Contd)

Selected Articles From the Russian
Periodical Arkhir Anatomi i Gistol
i Embriol, Vol XL, No 6, 1961.

- Histological Changes in Implants of
Minced Muscle Tissue, by A. A. Braun,
12 pp, (pp 23-30). JPRS 10161
- Restoration of Skeletal Muscle Defects in
Dogs by the Minced Muscle Tissue Trans-
plantation Method, by Z. P. Ignat'yeva,
16 pp, (pp 31-40). JPRS 10162
- Experimental Free Transplantation of
the Cardiac Muscle in Dogs (1), by
N. P. Sinitsyn, 8 pp, (pp 41-45). JPRS 10163
- Regeneration of Muscles by the Method
of Transplantation of Minced Muscle
Tissue Under Conditions of Sensory
Denervation, by R. P. Zhenevskaya,
14 pp, (pp 46-53). JPRS 10156
- Dynamics of Glycogen Distribution in
the Regenerating Skeletal Muscle During
the Period of Early Postembryonic De-
velopment in Rats, by N. N. Dampel,
11 pp, (pp 54-59). JPRS 10155
- Epidemiology and Immunology. The Role
of Ectoparasites in the Dissemination
of Tularaemia in a Focus of the Middle
Belt of the RSFSR, by N. Olsuf'yev.
RUSSIAN, per, Arkhir Biol Nauk, Vol XL,
No 2, 1940, pp 42-55. CSIRO Tr 5412
- Discovery of Skin-Eating Mites in Some
Human Skin Diseases, (*Dermatophagoides*
Scheremetweskyi Bodganov, 1864), by
V. Dubinin, et al.
RUSSIAN, per, Byul Mosk Obshch Ispyt
Prir Otdel Biol, Vol LXI, No 3, 1956,
pp 43-50. CSIRO Tr 5411
- The Interaction of the Afferent Systems
of the Cerebellum, by V. V. Finardzhyan,
(SF-2017).
RUSSIAN, per, Dok Ak Nauk Armyanskoy SSR,
Vol XXXII, No 2, 1961, pp 123-127. *JPRS

Scientific
Medicine (Contd)

Selected Articles From the Russian
Periodical Dok Ak Pedagog Nauk RSFSR,
No 4, 1965.

JPRS 8952

A Comparative Analysis of Touch and
Sight, by T. V. Lavrent'yeva,
A. G. Ruzskaya, 11 pp, (pp 73-76).

The Effect of Weak Light Stimuli on the
Sensitization of Visual Analyzers, by
O. P. Baranovskaya, 14 pp, (pp 87-91).

Reaction Time and the Strength of the
Nervous System, by V. D. Nebylitsyn,
20 pp, (pp 93-100).

Concerning the Problem of the Inter-
action of the Light-Sensitive Elements,
by V. I. Kopanev, 12 pp, (pp 105-108).

Selected Articles From the Russian
Periodical Eksp. Khir i Anesteziol,
Vol VI, No 4, 1961, (NY-6747).

*JPRS

Problems in the Development of a Diag-
nostic Process With the Aid of Mathemati-
cal Machines, by M. L. Bykhovskiy,
A. A. Vishnevskiy, S. Sh. Kharnas,
(pp 3-15).

Experience in Formulating a Diagnosis
With the Aid of Diagnostic Machines,
by N. M. Amasov, Ye. A. Shkabara,
(pp 15-22).

Fluothane Anesthesia Together With Hy-
pothemia in "Dry Heart" Surgery, by
Ye. N. Meshalkin, R. G. Alekhina,
Ye. A. Damir, et al, (pp 22-24).

Concerning the Immunological Basis for
Heterografts of Embryonic Vessels, by
A. K. Revskoy, (pp 52-53).

Scientific
Medicine (Contd)

Selected Articles From the Russian
Periodical Eksper Khir i Anesteziol,
Vol VI, No 4, 1961, (NY-6747) (Contd)

*JPRS

Experience Gained From the Heterotrans-
plantation of a Female Breast Tumor Into
the Anterior Chamber of the Eye and Into
the Mammary Gland of Guinea Pigs, by
A. A. Nesterova, (pp 53-57).

Concerning the Pharmacology of a New
Curare-Like Agent "Truxylonium", by
D. A. Kharkevich, L. A. Kravchuk, (NY-6733).
RUSSIAN, per, Farmakol i Toksikol, Vol XXIV,
No 3, 1961, pp 318-324.

*JPRS

Symposium on Certain Philosophical Prob-
lems of Medicine and Natural Science, by
V. M. Nicheyk, V. A. Baraboy, 8 pp.
RUSSIAN, per, Fiziol Zhur, Vol VII, No 2,
Mar/Apr 1961, pp 287-289.

JPRS 9974

Scientific Conference on the Problem of
Gerontology and Geriatrics, by
P. D. Marchuk, 5 pp.
RUSSIAN, per, Fiziol Zhur, Vol VII, No 4,
1961, pp 571-572.

JPRS 10213

A New Variation of the Method of Artifi-
cial Blood Circulation, by M. P. Adamenko,
7 pp.
RUSSIAN, per, Fiziol Zhur, Vol VII, No 4,
1961, pp 563-566.

JPRS 10214

The Use of Dosimetric Apparatus in Sanitary
Practice, by R. V. Stavitskiy, A. V. Terman,
(SF-2018).
RUSSIAN, per, Gig i San, Vol XXVI, No 8,
1961, pp 53-57.

*JPRS

The Training of Sanitation Physicians
in the Field of Radiation Hygiene, by
F. G. Krotkov, (SF-2018).
RUSSIAN, per, Gig i San, Vol XXVI,
No 8, 1961, pp 58-63.

*JPRS

Scientific
Medicine (Contd)

Selected Articles From the Russian
Periodical Gig Truda i Professional
Zabol, No 7, 1961.

JPRS 10083

Attempts to Calculate the Arduousness
of Work, by G. P. Konradi, 8 pp,
(pp 11-16).

Experience in the Study of Data of Medical
Check-Ups of Adolescent Apprentices, by
S. Ye. Il'in, 7 pp, (pp 23-27).

Some Data on the Occupational Pathology
of Persons Servicing Ultrasonic
Power Units, by M. N. Shatalov,
M. N. Ryzhkova, L. A. Kozlov,
K. K. Glotova, V. M. Grigor'yeva, 8 pp,
(pp 28-32).

The Effect of Fluoride Dust of the Rare
Earths on the Body, by I. V. Roshchin,
6 pp, (pp 41-43).

Scientific Conference on the Problem of
Adaptation, Training and Other Methods
of Increasing the Resistance of the
Body, by F. T. Agarkov, 4 pp, (pp 55-56).

The Brain Takes a Look At Itself, by
B. Koltovoy, Ye. Khudyakova, 13 pp.
RUSSIAN, np, Izvestiya, No 23,
4-10 Jun 1961, pp 4-6.

JPRS 10150

Parasitic Fauna of Mammals in the Daurian
Steppes, by V. Dubinin, N. Dubinina.
RUSSIAN, rpt, Journal of the Moscow Society
of Naturalists, Dept of Zoology, No 22,
1951, pp 98-156.

CSIRO Tr 5415

Scientific
Medicine (Contd)

Selected Articles From the Russian
Periodical Khirurgiya.

No 6, 1961.

Experience Gained in Operations on the
Open Heart Under Hypothermia in Surgical
Treatment of Congenital Cardiac Defects,
by V. I. Burakovskiy, 13 pp, (pp 37-44).

JPRS 10218

Remote Results of Alloplasty With Fluoro-
plast-4 Plastic in Large Postoperative
Hernias⁽¹⁾, by R. S. Shpizel', 6 pp,
(pp 92-94).

JPRS 10220

A New Preparation - Bioplastic -- and
Its Purpose, by L. G. Bogomolova,
I. G. Andryanova, N. M. Aleksandrova,
6 pp, (pp 125-128).

JPRS 10219

Vol XXXVII, No 8, 1961, (NY-6738).
Oxyhemometry During Mitral Commis-
surotomy, by Yu. Ya. Agapov, (pp 28-30).

*JPRS

Modern Free Skin Grafting and Its
Place in the Treatment of Patients With
Surgical Diseases, by T. Ya. Ar'yev,
(pp 64-67).

Concerning the Problem of Plastic Re-
pair With Cadaver Skin in Children, by
V. N. Semenov, (pp 68-71).

The Use of Alloplasty of Soft Tissues in
Cases of Infected Wounds, by
A. A. Ol'shanetskiy, A. Yu. Svidler,
(pp 75-79).

Experience Gained in the Clinical Use
of Bone Homotransplants Preserved Under
Refrigeration, by N. A. Zvonkov,
(pp 89-93).

Controversial Problems Connected With
Anesthesia and Shock, by P. K. D'yachenko,
(pp 121-130).

Scientific
Medicine (Contd)

Experience Gained in Using Thrombocyte
Mass in Cases of Thrombocytopenia, by
P. M. Al'perin, L. A. Zharebtsov, (NY-6751).
RUSSIAN, per, Klin Med, Vol XXXIX, No 8,
1961, pp 36-41.

*JPRS

Concerning Endemic Nephritis in Bulgaria,
by A. Pukhlev, A. Astrug, N. Popov,
D. Dochev, A. Petrihska-Venkova, (NY-6751).
RUSSIAN, per, Klin Med, Vol XXXIX, No 8,
1961, pp 57-65.

*JPRS

Change in Renal Function in Patients
Suffering From Burn Disease During the
Transfusion of Polyvinylpyrrolidone, by
G. P. Vinokurova, A. A. From, (NY-6751).
RUSSIAN, per, Klin Med, Vol XXXIX, No 8,
1961, pp 66-68.

*JPRS

Concerning the Epidemiology of Transmis-
sible Diseases of Wild Animals Affecting
Man Complexes of Combined Natural and
Intrapopulation Foci, by V. N. Beklemishev,
(SF-2019).

RUSSIAN, per, Medit Parazitol i Parazitarnyye
Bolezni, Vol XXX, No 4, 1961, pp 387-394.

*JPRS

Selected Articles From the Russian
Periodical Medit From SSSR.

Vol XVI, No 3, 1961, pp 51-53.
Rhinopneumometer, by N. S. Mironova,
6 pp.

JPRS 10065

Vol XV, No 8, 1961, (NY-6752).
Concerning the Determination of the
Molecular Weight of Polyglucin, by
V. Ya. Chernyak, T. V. Polushina,
(pp 39-43).

*JPRS

The Use of Polysiloxane During the
Utilization of an Apparatus of Extra-
corporeal Circulation, by
K. Yu. Khochunshova, (pp 45-48).

Linetol, by Z. L. Izumrudov,
(p 56).

Portable Therapeutic Ultrasound Ap-
paratus UTP-1, by M. D. Gurevich,
Ye. L. Beletskiy, (pp 57-60).

Scientific
Medicine (Contd)

Tomorrow of Biological Science -
(Problems of Cybernetics in Biology and
Medicine), by V. D. Moyseyev, (NY-6735).
RUSSIAN, per, Nauka i Zhizn', Vol XXVIII,
No 3, 1961, pp 72-73.

*JPRS

Tomorrow in Physiological Science, by
V. M. Chernigovskiy, K. O. Lange, 10 pp.
RUSSIAN, per, Nauka i Zhyttya, No 4, 1961,
pp 44-47.

JPRS 10137

A Mechano-electronic Blood Pressure Pickup,
by S. A. Vinokurskiy, L. A. Goncharskiy,
N. I. Rabinovich, 51 pp.
RUSSIAN, per, Novosti Medit Tekh, No 3,
pp 42-63; No 4, pp 50-70; 1959.

JPRS 10168

Ultrasound -- A Powerful Potential Tool
of Biophysics and Medicine, by N. P. Brailo,
10 pp.
RUSSIAN, per, Novosti Medit Tekh, No 3,
1959, pp 77-85.

JPRS 10164

Cybernetics in Biology and Medicine, by
S. Braynes, V. Svecinskiy, 14 pp.
RUSSIAN, per, Novyy Mir, Vol XXXVI, No 8,
1960, pp 202-210.

JPRS 10234

The Structure of the Digestive System
of Mallophaga in Connection With Their
Feeding, by D. Blagoveshchenskiy.
RUSSIAN, per, Parazitol Sbornik Zool Inst
Ak Nauk SSSR, Vol XI, 1959, pp 229-245.

CSIRO Tr 5417

The Activity of Blood Serum Cholinesterase
in Children Suffering From Rheumatism,
by T. M. Golikova, G. A. Bobinskaya,
G. P. Babanov, (NY-6736).
RUSSIAN, per, Pediatriya, Vol XL, No 8,
1961, pp 52-54.

*JPRS

Scientific
Medicine (Contd)

Selected Articles From the Russian
Periodical Problemy Endokrin i
Gormonoterapii.

Vol VII, No 3, 1961, (NY-6742).
Certain Data on the Biological Action
of Therapeutic Doses of Radioactive
Iodine on an Organism, Under Experim-
ental Conditions, by Yu. A. Romanov,
(pp 22-31).

*JPRS

Changes in the Hypophyso-Adrenal System
Due to the Action of Ionizing Radiations
on an Organism, (Review of Literature),
by V. I. Kandror, (pp 117-124).

Vol VII, No 4, 1961, (NY-6740).
New Data on the Action of Ionizing
Radiation on the Endocrine System, by
D. E. Grodzenskiy, (pp 26-32).

*JPRS

Blood Serum Content of Cholesterol,
Phospholipids, and Protein and Lipopro-
tein Fractions in Women in the Process
of Aging During Menopause and Climacteric
Neurosis, by Ya. D. Rafal'skiy, (pp 82-88).

The Significance of the Works of Aleksander
Aleksandrovich Bogomolets for Endocrinology,
by I. M. Neyman, (pp 119-121).

Selected Articles From the Russian
Periodical Problemy Revmatizma, Vol I,
No 1, Jan/Feb 1961.

JPRS 9931

Polysaccharides in the Connective Tis-
sue of the Heart in Rheumatic Fever, by
A. I. Strukov, T. I. Suchkov, 10 pp,
(pp 5-10).

Antimalarial Agents in the Treatment
of Rheumatoid Arthritis, by M. Vykydal,
J. Lenfeld, 18 pp. (pp 43-51).

Proteolytic and Mycolytic Enzymic Pro-
cesses in the Pathogenesis and Clinical
Aspects of Rheumatic Fever, by
G. D. Malesskiy, V. P. Kachacheyev,
15 pp. (pp 57-66).

Scientific
Medicine (Contd)

Selected Articles From the Russian
Periodical Problem Revmatizma, Vol I,
No 1, Jan/Feb 1961. (Contd)

JPRS 9991

Rheumatoid Factor, by V. I. Sachkov,
M. P. Grigor'yeva, 20 pp, (pp 72-80).

Some Results and Problems of Further
Investigations in the Field of the Patho-
genesis and Immunology of Rheumatic Fever,
by I. M. Lyampert, L. V. Beletskaya,
13 pp, (pp 81-86).

Structural Changes in the Higher and Lower
Branches of the Nervous System During Ex-
perimental Complete Starvation, by
Z. G. Tsagareli, (SF-2020).

RUSSIAN, per, Soobshcheniya Ak Nauk Gruz
SSSR, Vol XXVI, No 1, 1961, pp 87-94.

*JPRS

Selected Articles From the Russian
Periodical Sovet Medit.

Vol XXV, No 4, 1961, pp 9-16.
Current Problems in Modern Heart Surgery,
by B. V. Petrovskiy, 10 pp.

JPRS 8917

Vol XXV, No 8, 1961, (NY-6757).
Changes in the Functional Condition of
the Blood Coagulating System During the
Development and Course of Myocardial In-
farction, by V. N. Malyarovskiy, (pp 29-33).

*JPRS

The Clinical Significance of Determining
Blood Serum Aminopherase During Coronary
Insufficiency, by M. I. Sidorenko,
(pp 63-66).

Changes in the Electrophoretic Profile
of Blood Serum Proteins in Children With
Acute Nephritis, by V. I. Verbitskiy,
(pp 66-71).

Electrophoretic Studies of Blood Serum
Proteins and Lipoproteins During
Dysentery, by S. D. Polozhentsev,
(pp 71-76).

Scientific
Medicine (Contd)

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

Vol XXV, No 8, 1961, (NY-6757).
Concerning the Role of Meteorological
Factors on the Reactivity of a Sick
Organism (Survey of Literature), by
D. Ye. Yankelevich, (pp 86-95).

*JPRS

Superficial Potentiated Gas Anesthesia
With Continuous Curarization During
Traumatic Surgical Interventions, by
B. A. Polyanskiy, P. P. Bulgakov,
L. M. Nosov, (pp 123-127).

The Problem of Identifying and Treating
Precancerous Conditions of the Uterine
Cervix Under Conditions of a Fangothera-
peutic Health Resort, by I. A. Brusilovskiy,
N. D. Batsman, G. A. Leybovich, (pp 129-131).

Selected Articles From the Russian
Periodical Sovet Zdravook, Vol XX, No 8,
1961, (NY-6755).

*JPRS

Engineering in Medicine, by
M. G. Anan'yev, (pp 13-19).

Ultrasound in Medicine, by M. D. Gurevich,
N. F. Svadkovskaya, M. A. Sobakin,
(pp 19-23).

Radioelectronics in Medicine, by
L. N. Mishin, (pp 23-27).

Medical Cybernetics Soviet Public
Health Service, by L. Ye. Polyakov,
(pp 27-30).

Concerning Certain Prospects of Com-
plex Mechanization of Hospital Work,
by B. A. Pokrovskiy, (pp 35-39).

Problems Connected With the Mechaniza-
tion Processes of Labor in the Diagnosis
and Treatment of Patients, by
V. G. Frankovskaya, (pp 39-43).

Scientific
Medicine (Contd)

Selected Articles From the Russian
Periodical Sovet Zdravook, Vol XX, No 8,
1961, (NY-6755). (Contd)

*JPRS

The Introduction of New Equipment
Into Surgical Practice, by Yu. Ya. Gritsman,
(pp 43-47).

Surgical-Transport Helicopter MI-4, by
M. G. Anan'yev, B. S. Borbov,
A. M. Geselevich, et al, (pp 89-90).

Exposition of the Works of the All-Union
Scientific-Research Institute of Medical
Instruments and Equipment, by
L. S. Tolokonnikov, (p 90).

Selected Articles From the Russian
Periodical Terapev Arkhiv, Vol XXXIII,
No 7, 1961, (NY-6753).

*JPRS

The Post-Infarction Syndrome, by
A. M. Damir, S. Kh. Sindorovich,
(pp 3-9).

The Problem of Combined Disturbances
of Cerebral and Coronary Circulation, by
V. D. Troshin, (pp 35-38).

The Dynamics of Blood Serum Protein
Fractions During the Treatment of
Arterial Hypertension by Alkaloid
Preparations of Rauwolfia Serpentina
and Hexonium, by G. V. Kalugina, (pp 46-49).

Changes in Protein and Lipid Fractions
in the Blood Serum of Young Patients
With Arterial Hypertension, by
V. V. Volkova, (pp 50-53).

Changes in Blood Serum Protein Frac-
tions During Rheumatism, by
Yu. A. Goryayev, (pp 58-61).

The Treatment of Patients With Bronchial
Asthma and Chronic Non-Specific Pneumonia
by Proteolytic Enzymes, by D. M. Zlydnikov,
(pp 62-67).

Scientific
Medicine (Contd)

Selected Articles From the Russian
Periodical Terapev Arkhiv, Vol XXXIII,
No 7, 1961, (NY-6753). (Contd)

*JPRS

Blood Serum Protein Composition in
Leukemia Patients, by A. A. Rakityanskaya,
Z. N. Atrakhovich, (pp 91-95).

Changes in Carbohydrate and Lipid Metabol-
ism in Patients With Chronic Myelosis Under
the Effect of Myelosan and ACTH Therapy,
by I. Z. Gorelov, B. I. Lipkovich,
(pp 95-97).

Relative Lymphocytosis and Actinic
Activity, by N. A. Shul'ts, (pp 97-99).

Concerning the Role of Trauma in the
Development of Primary Cancer of the
Liver, by G. Yanchev, Vo Van Vinh,
(pp 110-113).

Doctors' and Candidates' Dissertations:
Disertations Approved by the Supreme
Certifying Commission in Mar/Apr 1961,
by I. N. Fedorova, (pp 123-126).

Experimental Use of Difluorotetrachloroethane
to Treat Fascioliasis of Cattle, by
N. Demidov, et al.
RUSSIAN, per, Trudy Vses Inst Gel'mintol
im Skryabina, No 6, 1959, pp 216-220.

CSIRO Tr 5361

Selected Articles From the Russian
Periodical Vest Ak Med Nauk SSSR,
Vol XVI, No 8, 1961, (NY-6748).

*JPRS

Skin Homoplasty in Burn Patients, by
A. A. Vishnevskiy, M. I. Shrayber,
M. I. Dolgina, (pp 8-12).

The Effect of Lysing Substances on
the Sloughing of Necrotic Sections
of Tissues in Deep Burns (Preliminary
Report on the Use of Urea and Trypsin,
by T. L. Zayets, S. K. Zav'yalov,
(pp 12-16).

Scientific
Medicine (Contd)

Selected Articles From the Russian
Periodical Vest Ak Med Nauk SSSR,
Vol XVI, No 8, 1961, (NY-6748). (Contd)

*JPRS

Experience With the Electric Defibril-
lation of the Atrium in 20 Patients
With Mitral Defects of the Heart, by
B. M. Tsukerman, (pp 32-35).

Problems of the Pathogenesis, Clinical
Picture, and Treatment of Burn Sickness
(According to Data of the First Inter-
national Congress on the Burn Problem),
by N. I. Krakovskiy, V. Ya. Zolotarevskiy,
(pp 81-84).

Selected Articles From the Russian
Periodical Vest Khirurgii.

Vol LXXXVI, No 6, 1961.
The Use of Phenothiazine Derivatives
in the Preoperative Preparation of
Patients With Thyrotoxicosis, by
N. Ye. Komarover, 8 pp, (pp 8-12).

JPRS 10141

Preoperative Preparation of Patients
With Thyrotoxicosis, by Yu. V. Ryabov,
10 pp, (pp 13-19).

JPRS 10138

Skin Homoplasty in the Burned, by
V. M. Burmistrov, P. M. Medvedev,
K. K. Zaytseva, 9 pp, (pp 74-79).

JPRS 10139

Vol LXXXVII, No 8, 1961, (NY-6756).
The Diagnostic Significance of the Re-
action to C-Reactive Protein in Certain
Surgical Diseases, (Review of Soviet
and Foreign Literature), by
S. Ye. Tukachinskiy, V. P. Moiseyeva,
V. N. Kuznetsova, (pp 18-23).

*JPRS

The Study of C-Reactive Protein During
Acute Surgical Diseases of the Abdominal
Organs, by A. I. Goshkina, Ye. V. Kolesov,
(pp 24-26).

Scientific
Medicine (Contd)

Selected Articles From the Russian
Periodical Vest Khirurgii. (Contd)

Vol LXXXVII, No 8, 1961, (NY-6756).
The Pathogenesis and Treatment of Chemical Burns, by V. Ya. Zolotarevskiy,
R. A. Pereverzeva, (pp 53-59).

*JPRS

The Use of Bone Homotransplants in Surgical Practice, by G. A. El'berg,
N. I. Grigor'yev, (pp 71-75).

Some Data on the Clinical Efficacy of Polyvinyl, by Ye. A. Senchilo,
N. V. Petrov, (pp 79-83).

Experience Gained in the Use of Plasma-Substituting Polyvinyl Solution in the Surgical Clinic, by B. M. Gershman,
(pp 83-85).

Peculiarities in the Development of Skin Mange Mites, by M. Palimpsestov.
RUSSIAN, per, Veterinariya, No 24, 1947,
pp 6-9.

CSIRO Tr 5410

Comparative Studies of Transaminase Activity in Malignant Tumors, by T. T. Berezov,
(NY-6734).
RUSSIAN, per, Voprosy Med Khim, Vol VII,
No 4, 1961, pp 417-424.

*JPRS

The Inclusion of Methionine-S³⁵ Into the Proteins of Rat Liver Following the Administration of Cortisone, and in Starved Animals, by V. F. Tryufanov, (NY-6734).
RUSSIAN, per, Voprosy Med Khim, Vol VII,
No 4, 1961, pp 354-357.

*JPRS

The Inclusion of Lysine-1-C¹⁴ Into the Proteins of Transplantable Tumors, and Into Rat Organs, by P'an Ch'i-ts'ao,
(NY-6734).
RUSSIAN, per, Voprosy Med Khim, Vol VII,
No 4, 1961, pp 358-362.

*JPRS

Scientific
Medicine (Contd)

Ionizing Radiation for the Preservation
of Foodstuffs, by A. N. Liberman, 8 pp.
RUSSIAN, per, Voprosy Pitaniya, Vol XVI,
No 6, 1957, pp 52-56. 9080942

AERE, Harwell
NP Tr-692

The Effect of Low-Gamma Ray Doses on the
Preservation of Vitamins in Foodstuffs,
by G. M. Egiazarov.
RUSSIAN, per, Voprosy Pitaniya, Vol XIX,
No 4, 1960, pp 54-58.

*AERE, Harwell
Tr No 1537

The Biochemistry of the Brain, by
G. Ye. Vladimir, 7 pp.
RUSSIAN, per, Zdorov'ye, Vol VI, No 11,
1960, pp 4, 5.

JPRS 10143

A New Flight Into Space, (NY-6747).
RUSSIAN, per, Zdravookhraneniye Belorussii,
Vol VII, No 8, 1961, pp 3-4.

*JPRS

Diseases of the Cardiovascular System in
Belorussian SSR, by N. I. Govor, A. A. Lipen,
(NY-6746).
RUSSIAN, per, Zdravookhraneniye Belorussii,
Vol VII, No 8, 1961, pp 17-21.

*JPRS

The Closing of a Penetrating Defect in the
Stomach Wall by Homotransplantation During
Combined Radiation Injury, Under Experimen-
tal Conditions, by N. V. Stankevich, (NY-6746).
RUSSIAN, per, Zdravookhraneniye Belorussii,
Vol VII, No 8, 1961, pp 30-35.

*JPRS

Results of Administering Bone Marrow
During Radiation Sickness of Animals,
by A. T. Sosnovskiy, M. A. Kuntsevich,
N. K. Kasperovich, (NY-6746).
RUSSIAN, per, Zdravookhraneniye Belorussii,
Vol VII, No 8, 1961, pp 35-36.

*JPRS

The Second Conference on Questions of
Geontology and Geriatry, by O. S. Glozman,
A. I. Zikeyeva, 6 pp.
RUSSIAN, per, Zdravookhraneniye Kazukhstana,
Vol XXI, No 2, 1961, pp 21-25.

JPRS 4815

Scientific
Medicine (Contd)

A Photographic Method for Early Recognition of Stomach Cancer, by

V. A. Vorobev.

RUSSIAN, per, Zhur Nauch Prik Foto Kinemat, Vol IV, No 4, Jul/Aug 1959, pp 292-295.

DSIR LLU M.2307

Selected Articles From the Russian Periodical Zhur Vysshey Nerv Devatel imeni I. P. Pavlova, Vol XI, No 4, 1961, (NY-6744).

*JPRS

A Study of Man's Higher Nervous Activity Under Conditions of Prolonged Stay in a Rarefied Atmosphere, by G. V. Altukhov, N. A. Agadzhanian, (pp 586-592).

Data Concerning the Characteristics of the Functional Condition of the Higher Branches of the Central Nervous System of People Subjected to Prolonged Contact With Ionizing Radiations, by V. N. Zvorykin, (pp 609-614).

Changes in Motor Conditioned Reflexes in People Under Conditions of Hypoxic and Low Barometric Pressure, by V. N. Alifanov, (pp 615-622).

The Production of Certain Symptoms of Radiation Sickness in Dogs Previously Subjected to the Action of X-Rays, by Indications of Changes in the Complex Conditioned-Reflex Motor Activity, by O. N. Voyevodina, (pp 674-679).

The Effect of High Temperature of the Surrounding Environment on Simultaneous Complex Conditioned-Reflexes in Dogs, by L. M. Sidorova, (pp 697-702).

The Effect of Cholinolytics of an Essentially Central Action on the Conditioned-Reflex Activity of Rabbits, by P. P. Denisenko, (pp 730-737).

The Effect of Single Doses of Ultra-Violet Irradiation on the Higher Nervous Activity of Animals, by Ye. F. Al'bitskaya, A. A. Krivova, (pp 752-762).

Scientific
Medicine (Contd)

Transducers -- Man-Made and Natural,
by Ye. Saporina, 7 pp.
RUSSIAN, per, Znaniye Sila, No 6,
1961, pp 34, 35.

JPRS 10063

Selected Articles From the Chinese
Book Ch'ing-chu Chien-kuo Shih-chou-nien
I-hsueh K'o-hsueh Ch'eng-chiu Lun-wen
Chi, Vol I, Dec 1959.

Feeling the Pulse in Chinese Traditional
Medicine, 10 pp, (pp 311-315).

JPRS 4816

General Discussion on Acupuncture-
Moxibustion Therapy, 31 pp, (pp 365-380).

JPRS 4962

Research on "Ch'i-kung" Therapy,
11 pp, (pp 389-393).

JPRS 10270

Supplements: The Treatment of Gastric
and Duodenal Ulcers by Ch'i-kung With
Inspection of 71 Cases for Treatment
Effects, by Ch'en Tzu-yuan, Ts'ui
Heng, Tung Chih-ming, 7 pp, (pp 394-398).

JPRS 10270

The Cerebrum, Man, and Automatic Control,
by Liu Shih-i, 17 pp.
CHINESE, per, K'o-hsueh, Tung-pao, No 3,
1961, pp 28-36.

JPRS 8888

Selected Articles From the Chinese
Periodical Sheng-li Hsueh-pao,
Vol XXIV, No 2, 1960.

Interaction of the Nervous and Humoral
Mechanisms in the Regulation of Pan-
creatic Secretion, by Mei Mou-hua,
Lin K'un-wei, Chang Chen-hsing, 10 pp,
(pp 85-89).

JPRS 4985

Comparative Studies on the Secretion
of the Greater and Lesser Curvatures
in Dogs During Neural and Chemical
Phases, by Hsu K'o, 7 pp, (pp 90-94).

JPRS 4985

Scientific
Medicine (Contd)

Selected Articles From the Chinese
Periodical Sheng-li Hsueh-pao,
Vol XXIV, No 2, 1960. (Contd)

Studies on the Pharmacological
Actions of Corydalis VI. Effects of
Corydalis B on the Central Nervous Sys-
tem, by Chin Kuo-chang, Tsou Kang,
Tang Hsi-ts'an, 17 pp, (pp 110-120).

JPRS 4949

The Effect of Anesthetics on the Re-
spiratory Reflexes of the Carotid Sinus,
by Tung Ch'uan-sheng, Huang Chung-sun,
12 pp, (pp 121-128).

JPRS 4965

A Study of the Insulin-Inactivating
Substances of the Liver, by P'ei Yuan-
ching, Nan Kuo-chu, Liu Li-ch'un,
10 pp, (pp 136-140).

JPRS 4983

Psychopharmacology in Yugoslavia, by
V. Varagic, 15 pp.
CROATIAN, per, Galenika, Vol VII, No 2,
1960, pp 43-50.

JPRS 10109

Yugoslav Preliminary Study of the Mechanism
of Activity of Proteus Organisms in Intoxi-
cation by Animal Products, by S. Kendereski,
(NY-6771).
CROATIAN, per, Higijena, Vol XIII, No 1,
1961, pp 39-48.

*JPRS

Veterinary Service in Yugoslavia, by
S. A., D. P., (NY-6759).
CROATIAN, per, Jugoslovenski Pregled,
Jul/Aug 1961, pp 321-325.

*JPRS

A Simple Method of Determining Toleration
of Blood to Transfusion, by I. Kolic, 6 pp.
CROATIAN, per, Veterinarski Glasnik, Vol XV,
No 2, 1961, pp 105-108.

JPRS 10116

Protective Effect of Cholinesterase Re-
activators in Animals Poisoned by Organic
Phosphorus Insecticides, by M. Milosevic,
V. Vojvodic, V. Milosevec, 7 pp.
CROATIAN, per, Vojnosanitetski Pregled,
Vol XVII, No 5, 1960, pp 525-528.

JPRS 10114

Scientific
Medicine (Contd)

The Use of Aerosol Therapy in Some Acute Inhalation Poisonings, by Karel Kadlec, Jiri Vyskocil, 4 pp.
CZECH, per, Industrial Medicine, No 5, 1953, pp 268-270.

Amer Meteorol Soc
X-Cz-3

Meeting of the Dermatology-Venerology Section, 4 pp.
CZECH, per, Lekarsky Obzor, Vol X, No 2, 1961, pp 125-127.

JPRS 4979

Eldon Chart for Complete Compatibility Testing, by F. Kissmeyer-Nielsen, (DC-6377).
DANISH, per, Ugeskr Læger, Vol CXXIII, No 7, 17 Feb 1961, pp 233-235.

*JPRS

Forty Years of Soviet Medicine, 8 pp.
FRENCH, per, Le Concours Medical, 1960, pp 189-196.

JPRS 4960

The Expansion of Scientific Research, (NY-6777).
FRENCH, per, L'Expansion de la Recherche Scientifique, No 6, Jul 1960, pp 1-32.

*JPRS

The Experimental Foundations of the Immunology of Leucocytes and Thrombocytes, by P. Miescher.
GERMAN, bk, Die Immunopathologie in Klinik und Forschung, 1957, pp 79-84.

*ACSI I-1073
ID 2180072

Replirotopic Antibodies, by H. Sarre, K. Rother.
GERMAN, bk, Die Immunopathologie in Klinik und Forschung, 1957, pp 95-133.

*ACSI I-0174
ID 2180073

Analysis of Blood Cells Using a New Automatic Integrating Apparatus (Supplement to Earlier Data on Radiation Damage Especially in Nuclear Explosions) (Section I), by K. Damminger, E. H. Gaul.
GERMAN, per, Atompraxis, Vol IV, 1958, pp 375-381.

*AEC

Scientific
Medicine (Contd)

Effect of Absorption of Radioisotopes
on the Peripheral Blood Formation and
Its Diagnostic Significance, (Section II),
by K. Damminger, E. H. Graul.
GERMAN, per, Atompraxis, Vol V, 1959,
pp 421-425.

*AEC

Behavior of Blood Cells Formed During
Chronic Irradiation. A Quantitative and
Qualitative Analysis of Irradiated Damage
(III Section), by E. H. Graul, K. Damminger.
GERMAN, per, Atompraxis, Vol VI, 1960,
pp 357-361.

*AEC

Concerning the Influence That Experience
Has in the Preception of Forms, by
Kurt Gottschaldt, 116 pp.
GERMAN, per, Psychologische Forschung,
Vol XII, 1929, pp 1-87. 9670986.

FTD MCL-645/V

The Problem of Clean Air, With Special
Reference to the Iron and Steel Industry,
Particularly Steelworks. IV, by
K. Guthmann.
GERMAN, per, Radex Rundschau, No 1, Feb 1961,
pp 449-484.

BISI 1180

Towards and Understanding of the Action
of Acetyl Salicylic Acid (Aspirin) in
Humans, by I. Abelin, W. Berli.
GERMAN, per, Schweizerische Medizinische
Wochenschrift, No 4, 1960, pp 88-91.

Univ of Melbourne
Language Section
Faculty of Science
T.307

"Pathology" in Technology, by
H. Jebsen-Marwedel.
GERMAN, per, Sprechsaal, Vol XCII,
No 5, 1959, pp 96-100.

CSIRO

The Measurement and Correction of
Astigmatism, by L. Reimer.
GERMAN, per, Springer-Verlag, 1959,
pp 37-41.

Broken Hill Proprietary
Co Ltd
CRL/T.558

Lethal Factors - Their Importance for
the Pathology of Inheritance and Genetic
Physiology in Development, by E. Hadorn.
GERMAN, per, Thieme Verlag - Stuttgart,
1955.

Univ of Melbourne
Language Section
Faculty of Science
T.302

Scientific
Medicine (Contd)

Experimental Aspergillus Fumigatus Infection in Guinea Pigs, by R. Norter.
GERMAN, per, Zentralblatt fur Veterinar-medigin, Vol VII, No 8, 1960, pp 745-753.

*ACSI I-1057
ID 2180068

International Symposium on Labor Medicine and Rural Hygiene, Berlin, 1959, by J. Parnas, (DC-6337).
POLISH, per, Biuletyn Naukowy Metodyczno-Organizacyjny, No 11, 1961, pp 95-119.

*JPRS

Scientific Conference of Polish and Czech Institutes of Labor Medicine, by J. Freytag, W. Pleszcynski, (DC-6337).
POLISH, per, Biuletyn Naukowy Metodyczno-Organizacyjny, No 11, 1961, pp 125-144.

*JPRS

Scientific-Research Group, Institute Labor Medicine and Rural Hygiene, Poznan, (DC-6337).
POLISH, per, Biuletyn Naukowy Metodyczno-Organizacyjny, No 11, 1961, pp 256-258.

*JPRS

Report on Pharmacy in Poland, by Jadwiga Nowicka, 15 pp.
POLISH, per, Farmacja Polska, Vol XVIII, No 8, 25 Apr 1961, pp 159-163.

JPRS 10192

The Third All-Union Embriology Congress in Moscow -- July 1960, by Jozef Niwelinski, 10 pp.
POLISH, per, Nauka Polska, Vol VIII, No 4, Oct/Dec 1960, pp 232-238.

JPRS 10153

Report on Leptospirosis in Horses, by D. Dzoljic, R. Anic, 6 pp.
SERBIAN, per, Acta Veterinaria, Vol X, No 3, 1960, pp 123-128.

JPRS 8954

Study on the Serological Diagnosis of Brucellosis in Hogs, by P. Trimic, G. Majstorovic, Dj. Panjevic, 4 pp.
SERBIAN, per, Acta Veterinaria, Vol X, No 4, 1960, pp 73-79.

JPRS 8954

Scientific
Medicine (Contd)

Specificity of the Complement Fixation
Reaction in the Diagnosis of Brucellosis,
by B. Tribic, 5 pp.
SERBIAN, per, Acta Veterinaria, Vol X,
No 4, pp 103-109.

JPRS 8954

Contribution to the Treatment of Tabun
Poisoning (III) Communication, 10 pp.
SERBIAN, per, Vojnosanitetski Pregled,
Vol XVII, No 10, 1960, pp 1008-1011.

ACSI H-8647
ID 2162134

Food Forum.
SPANISH, rpt, Foro de Alimentacion, Encl 1
to R-55-61 Santiago, Chile, 1960, pp 1-75.

*ACSI I-0190
ID 2174289

Prevention of Accidents Affecting the
Eye, by Ha Huy Tien, 4 pp.
VIETNAMESE, np, Thu Do Hanoi, No 790,
4 May 1961, p 8.

JPRS 10230

Scientific
Minerals/Metals

Mineral Resources in the Karelian ASSR
and Their Industrial Uses, by
P. A. Borisov, 52 pp.
RUSSIAN, brochure, Mineral'nyye Resursy
Karel'skoy ASSR i Puti ikh Promyshlennogo
Osvoyeniya, 20 Apr 1960, 50 pp.

JPRS 10206

Heating of Metals and Alloys in Electrolytes,
by I. Z. Yasnogorodskiy.
RUSSIAN, bk, Nagrev Metallov i Splavov v
Elektrolite, 1949, pp 40-125.

*FTD TT-61-70

The Mechanical Properties of Steel Subjected
to Rapid Carburization by Heating With High
Frequency Current, by A. D. Assonov,
K. Z. Shepelyakovskiy, P. A. Lankin, 5 pp.
RUSSIAN, bk, Obrabotka Metallov, pp 46-48.

CSIRO 167

Vacuum Melting and Pouring on Nickel
Base-Alloys, by K. K. Chuprin, V. M. Amonenko,
I. S. Bolgov, 15 pp.
RUSSIAN, bk, Primeneniye Vakuuma v
Metallurgii, 1960, pp 23-29. 9663466.

FTD MCL-960/1

Vacuum Casting of Film-Forming Alloys in
a Protective Atmosphere, by Yu. A. Nekhendzi,
M. T. Bogdanov, 19 pp.
RUSSIAN, bk, Primeneniye Vakuuma v
Metallurgii, 1960, pp 30-38. 9663472

FTD MCL-691/1

Welding of Titanium and Its Alloys, by
M. Kh Shors rof, G. V. Nazarov, 179 pp.
RUSSIAN, bk, Svarka Titana i Ego Splavov,
1959, 135 pp. 9671211

FTD MCL-925/1

Characteristics of Extruding Metal by
High-Pressure Liquid at Elevated Tempera-
tures, by V. I. Beresnev, D. K. Bulychev,
K. P. Rodionov, 13 pp.
RUSSIAN, per, Fiz Metal i Metallov,
Vol XI, No 1, 1961, pp 115-122. 9671154

FTD MCL-1276/1

Enthalpy and Heat Capacity of Molybdenum
in the 1200-2500°K Temperature Range,
by L. S. Karareva, P. B. Kantor,
V. V. Kandyba, 5 pp.
RUSSIAN, per, Fiz Metal i Metallov,
Vol XI, No 4, 1961, pp 628-629,

FTD MCL-1243/1

Scientific
Minerals/Metals (Contd)

Calculation of the Thermodynamic Properties
and the Construction of the IS-Diagram of
Alkali Metals, by E. E. Shpil'rayn,
E. I. Asinovskiy.

RUSSIAN, per, Inzhenerno-Fiz Zhur, Vol IV,
No 2, 1961, pp 18-26.

*FTD-TT-61-127

Selected Articles From the Russian
Periodical Iz Vysshikh Ucheb Zaved
Chern Metal.

No 10, 1959, pp 89-98.

BISI 2207

The Effect of Steel Quality of the Man-
ner of Introducing Aluminum, by
I. E. Brainin, N. V. Gubenko.

No 4, 1960, pp 77-85.

HB 5040

On the Effect of Chromium and Manganese
in Rimming Steel Upon Ingot Structure,
by V. S. Konovalov.

No 4, 1961.

Experiments on the Direct Reduction of
Iron Ores in a Fludized Bed, by
N. N. Dobrokhotoy, K. E. Makhorin,
O. S. Nichiporenko, (pp 26-37).

HB 5203

Composition of Gas Phase in Hydrogen-
Saturated Steels, by Yu. V. Grdina,
L. B. Krepysheva, (pp 126-133).

HB 5238

No 5, 1961, pp 177-183.

HB 5243

Technology of Inoculation of Cast
Iron With Cerium Alloy, by
P. I. Talanov, N. I. Astafurova.

The Surface Tension of Metals, by
M. G. Ramazanzade.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved,
Fiz, No 1, 1959, pp 172-173.

*AEC

Electrolytic Plating With Superconducting
Indium-Thallium Alloy, by S. I. Sklyarenko,
I. I. Lavrov.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved,
Tsvet Metal, No 4, 1961, pp 139-144.

*FTD-TT-61-156

Scientific
Minerals/Metals (Contd)

Effect of Method of Plastic Deformation
on Internal Stresses in Metal, by
L. I. Lysak, Yu. P. Sogrishin.
RUSSIAN, per, Sbornik Nauchnykh Rabot
Inst Metallofiz Ak Nauk Ukrain SSR, No 9,
1959, pp 22-26.

BISI 2371

Electron-Beam Guns for Welding of Metals
in Vacuum, by Yu. M. Kozlov, 14 pp.
RUSSIAN, per, Svarochnoye Proiz, No 1,
1961, pp 38-40. 9671168

FTD MCL-1172/1

Place for Autoclave Hydrometallurgy in
the Scheme for Copper-Nickel Ore Processing,
by I. N. Maslenitskiy.
RUSSIAN, per, Tsvet Metal, Vol XXXI, No 4,
1958, pp 1-5.

DSIR LLU M. 1591

Crushing Strength of Coke at Various [High]
Temperatures, by L. V. Pardina.
RUSSIAN, per, Trudy Inst Metall im A. A.
Baikova, Vol IV, 1960, pp 58-66.

HB 5087

Heat Emission of Liquid Metals During
Boiling, by Ling Chi-fang, Yang Yu-ch'i,
et al.
CHINESE, per, Scientia, No 24, 1959,
pp 832-833.

*FTD TT-61-182

Belgrade Mining Institute in Yugoslavia,
(DC-6367).
CROATIAN, per, Privredni Pregled, No 19,
20 Jul 1961, p 4.

*JPRS

Arsenic and Phosphorus in High Alloy Cr
and Cr-Ni Steels, by F. Benes, D. Tlusta.
CZECH, per, Hutnicke Listy, Vol XV, No 12,
1960, pp 929-936.

BISI 2301

Diffusion of Aluminum During the Transforma-
tion UAl_3 - UAl_4 in the Solid State, by
M. S. Feldman, 6 pp.
FRENCH, rpt, Colloque sur la Diffusion a l'etat
Solide, 3-5 Jul 1958, pp 111-117. 9080667

AEC Tr-4768

Scientific
Minerals/Metals (Contd)

Steels for Welded Constructions and Receivers Under Pressure, by G. P. Smedley.
FRENCH, per, Revue de Metallurgie, Vol LIV, No 4, 1958, pp 323-332.

CSIRO

Research on Hot Deformation of Steels. I. First Results of Hot Torsion Tests. Specially Designed Variable Speed Hot Torsion Machine, by C. Rossard, P. Blain.
FRENCH, per, Revue de Metallurgie, Vol LV, Jun 1958, pp 573-594.

*BISI 2455

Plutonium and Its Metallurgy, by E. Grison, 22 pp.
FRENCH, per, Revue de Metallurgie, Vol LXIII, 1961, pp 1-10.

AEC Tr-4760

The Shape of Particles During Precipitation of Carbide in Alpha-Iron, by W. Pitsch.
GERMAN, per, Acta Metallurgica, Vol III, 1955, pp 542-548.

*AEC

Estimation in Mineral Analysis by Extraction With the Aid of Coloured Cations, by L. Ducret, M. Drouillas.
GERMAN, per, Analytica Chimica Acta, No 21, 1959, pp 86-90.

Broken Hill Proprietary
Co Ltd
CRL/T.557

Damping Behaviour of Strained Iron, by W. Koster, et al.
GERMAN, per, Archiv fuer Eisenhuettenwesen, Vol XXV, No 11/12, 1954, pp 569-578.

*BISI 2444

Influence of Carbon Content and Experimental Temperature on the Work Hardening and Specific Electrical Resistance of Ferritic and Austenitic Steels During Cold Deformation, by E. Schmidtman, et al.
GERMAN, per, Archiv fuer Eisenhuettenwesen, Vol XXXI, May 1960, pp 299-308.

BISI 2335

Tensile Tests at -20 to 180°C on Ductile and Embrittled Specimens of Chromium-Nickel Steel, by A. Peiter, G. Altmeyer.
GERMAN, per, Archiv fuer Eisenhuettenwesen, Vol XXXI, Jul 1960, pp 427-432.

*BISI 2366

Scientific
Minerals/Metals (Cont'd)

The Effect of Steel Scrap in the Mixture
for Melting Iron in the Cupola, by
H. Siepmann.

GERMAN, per, Glesserei, Vol XLVII,
3 Nov 1960, pp 608-614.

*BISI 2416

Effect of Flux Addition in Mold During
Pouring Upon Quality of Sheet From Rimmed
Deep-Drawing Steel, by J. Teindl, B. Otta.
GERMAN, per, Neue Hutte, Vol XI, No 1,
1961, pp 17-22.

HB 5142

Effect of the Microsurface on the Be-
haviour of Sheet in Deep Drawing, by
F. Fischer, et al.

GERMAN, per, Stahl und Eisen, Vol LXXX,
27 Oct 1960, pp 1524-1531.

*BISI 2456

Inspection of Steel Ingots and Slabs for
Wide Strip by the Ultrasonic Pulse-Echo
Method, by C. Strassburger.

GERMAN, per, Stahl und Eisen, Vol LXXXI,
No 13, 1961, pp 885-893.

HB 5207

Experiments on Hot-Dip Aluminizing and
Hot-Dip Calorizing of Steel, by
K. Wellinger, A. Schweizer.

GERMAN, per, Werkstattstechnik, Vol LI,
1961, pp 23-29.

HB 5186

Investigation of Gypsum and Anhydrite
by Differential Thermal Analysis, by
T. Wiedmann.

GERMAN, per, Zement-Kalk-Gips,
Vol XIII, No 7, 1960, pp 293-301.

CSIRO

The Colouring of Anodised Aluminum,
by C. Pieri.

ITALIAN, per, Alluminio, Vol XXVII,
No 6, 1958, pp 267-271.

CSIRO

Direct Observation of Non-Metallic Inclu-
sions in Steel With an Electron Microscope,
by T. Akutagawa, et al.

JAPANESE, per, Tetsu to Hagane, Vol XLIII,
Nov 1957, pp 1222-1228.

*BISI 2399

Scientific
Minerals/Metals (Contd)

Primary Cooling in the Continuous Casting
of Steel, Report I., by Y. Aketa,
K. Sasakin, K. Ushijima.
JAPANESE, per, Tetsu to Hagane, Vol XLV,
No 12, 1959, pp 1341-1345.

HB 5223

Secondary Cooling in the Continuous
Casting [of Steel], Report II, by Y. Aketa,
K. Ushijima.
JAPANESE, per, Tetsu to Hagane, Vol XLVI,
No 7, 1960, pp 753-757.

HB 5219

Fundamental Studies on Uranium Oxides (2)
Equilibria Among UO_2 , U_4O_{10} and U_3O_8 at
500-1200°C, by K. Sudo, A. Kogoshi.
JAPANESE, per, Tohoku Daigaku Senko Seiren
Kenkyujo Iho, Vol XVI, No 2, 1960,
pp 109-115.

*AERE, Harwell
Tr No 1507

Boron, Lithium and Its Alloys, by
G. V Samsonov, L. Ya. Markovskiy,
A. F. Thigach, M. G. Valyashko.
UKRAINIAN, bk, Bor, Yego Soyedineniye i
Splavy, 1960, 590 pp.

*AEC

Scientific
Nuclear Physics

Gamma-Radiation of an Atomic Explosion,
by O. I. Leipunskiy, 167 pp.
RUSSIAN, bk, Gamma-Izluchenie Atomnogo
Vzryva, 1959.

AEC Tr-4516

Selected Articles From the Russian
Periodical Atomnaya Energiya.

Vol XI, No 1, 1961, pp 12-18.
Operational Experience With the First
Nuclear Power Station, by Yu. V. Yevdokimov,
V. Ya. Kozlov, et al.

*FTD TT-61-151/1

Vol XI, No 2, 1961.
Application of Burning Out Absorbers in
Nuclear Reactors, by V. S. Volkov,
A. S. Lukyanov, et al, (pp 109-121).

*FTD TT-61-198/1

On the Magnitude of the Flow of Fast
Neutrons Determining the Irradiation
Damage of Materials, by N. N. Ponomarev-
Stepnoy, (pp 184-185).

Universal Tables for Calculation of Pro-
tection From Gamma-Radiation by Means of
Tungsten and Uranium Shields, by
L. M. Mikhaylov, Z. S. Aref'yeva,
(pp 187-189).

The Method of Splitting Toluene-C¹⁴ to
Determine the Position of the Tag in
the Nucleus, by V. A. Koptug, I. S. Isayev,
N. N. Vorozhtsov, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVII,
No 4, 1961, p 866.

AF 1452419

The Effect of Tri-Axial Pressure on the
Atomic Magnetic Moments of Iron, Nickel
and of the Alloy Fe + 36% Ni, by
I. Ya. Dekhtyar, B. S. Mikhalekov.
RUSSIAN, per, Iz Vysshikh Ucheb Zaved,
Fiz, No 6, 1960, pp 44-51.

BISI 2249

Nonlinear Oscillations of a Rarefied Plasma,
by A. A. Vedenov, E. P. Velikhov,
R. Z. Sagdeyev.
RUSSIAN, per, Yadernyi Sintez, Vol I,
1961, pp 82-100.

*NRL

Scientific
Nuclear Physics (Contd)

On the Superfluidity of Nuclear Matter,
by L. F. Rapoport, S. G. Kadomenskiy,
7 pp.
RUSSIAN, per, Zhur Eksper i Teoret Fiz,
Vol XL, No 1, 1961, pp 183-193.

Interntl Phys Index
Phys Express
Vol III, No 10

Peculiarities of the Behavior of Multi-
charged Ions in a Plasma, by
A. V. Gurevich, (DC-6383).
RUSSIAN, per, Zhur Eksper i Teoret Fiz,
Vol XL, No 6, 1961, pp 1825-1831.

*JPRS

Interaction of Charged Particle Beams With
Low Frequency Plasma Oscillations, by
A. I. Akhiezer, A. B. Kitsenko,
K. N. Stepanov, (DC-6383).
RUSSIAN, per, Zhur Eksper i Teoret Fiz,
Vol XL, No 6, 1961, pp 1866-1870.

*JPRS

Applications of Nuclear Energy, (NY-6760).
CROATIAN, per, Jugoslavenski Pregled,
Jun 1961, pp 268-270.

*JPRS

Research and Development Center for Thermal
and Nuclear Technology, (NY-6760).
CROATIAN, per, Privredni Pregled, No 21,
22 Aug 1961, p 4.

*JPRS

First Excited Levels of Platinum 190, by
Jerzy Jastrzebski, Pierrette Kilcher, 9 pp.
FRENCH, 1961.

AEC Tr-4651

Direct Conversion of Nuclear Energy Into
Electrical Energy, by Nguyen Van Dong,
43 pp.
FRENCH, per, Bull Inform Sci et Tech,
No 41, 1960, pp 14-27.

AERE NP-Tr-712
Harwell

A Nuclear Magnetic Resonance Maser in
Low Fields, by Henri Benoit, Pierre
Grivet, Henri Ottavi, 4 pp.
FRENCH, per, Comptes Rendus, Vol CCXLVII,
1958, No 22, pp 128-131.

*NRL

Scientific
Nuclear Physics (Contd)

Influence of the Crystal Dimensions on
the Oxidation Kinetics of UO_2 , by
B. Belbeoch, C. Piekarski, P. Perio,
10 pp.
FRENCH, per, J Nuclear Materials, Vol III,
No 1, 1961, pp 60-66. 9081350

AEC HW-Tr-26

Studies on the Deactivation of Radioactively
Contaminated Effluent Water by Means of
Electrodialysis, by S. Krawczynski.
GERMAN, per, Atomkernenergie, Vol VI, No 6,
1961, pp 250-260.

*AERE, Harwell
Tr No 1539

Life Span of a Homogeneous Spherical
Heavy-Water Reactor With External Control
Rods, by D. Schwalm--Geesthacht/Elbe.
GERMAN, per, Atomkernenergie, No 7/8, 1961,
pp 273-285.

*FTD-TT-61-170-A

Ascertaining the Leak Rates of Reactor
Safety Receptacles at Low Test Pressures,
by K. Traube.
GERMAN, per, Atomkernenergie, No 7/8,
1961, pp 309-317.

*FTD-TT-61-170-B

Quadrupole Radiation, by A. Rubinowicz,
J. Blaton.
GERMAN, per, Ergebnisse der Exakten
Naturwissenschaften, Vol XI, 1932,
pp 176-218.

*AERE, Harwell
Tr No 1536

The Production of Impact-Electrons
(Knocked-Out Electrons) by Passing High-
Energy μ -Mesons Through Iron and Lead,
by U. Pfeiffer, 11 pp.
GERMAN, per, Z Naturforsch, Vol XIIa,
1957, pp 148-153.

AEC Tr-4744

Concentration of Uranium²³⁵: Review of Some
of the Most Important Methods and Principles,
by F. I. Havlicek, 38 pp.
ITALIAN, per, Energia Nucleare (Milan),
No 6, 1959, pp 521-531.

AEC Tr-4753

Proceedings of the Second Japan Conference
on Radioisotopes, February 1958.
JAPANESE, 1958.

AEC Tr-4482

Scientific
Nuclear Physics (Contd)

Selected Articles From the Polish
Periodical Nukleonika.

Vol II, No 2, 1957.
Basic Problems of Nuclear Power,
by W. Frankowski, 32 pp, (pp 225-265).

AEC Tr-4141
PL 480

Accelerators, by W. Zych, 46 pp,
(pp 267-320).

Distribution of Charge in Atomic Nucleus,
by B. Kuchowicz, 10 pp, (pp 335-346).

Discovery of the Antineutron, by
K. Bobinska, 4 pp, (pp 347-349).

Vol II, No 3, 1957.
Some Applications of Radiocarbon in
Chemistry and Biology, by E. Broda,
14 pp, (pp 409-426).

AEC Tr-4142
PL 480

Utilization of Radioactive Wastes in
Modern Technology, by W. I. Spicyn,
10 pp, (pp 451-463).

The Structure of the Proton, by
B. Kuchowicz, 4 pp, (pp 507-510).

Radiochemical Laboratories, by
R. Gwozdz, 10 pp, (pp 511-523).

Vol II, No 4, 1957.
Methods of Determination of Trace
Impurities in Reactor Materials, by
J. Minczewski, 10 pp, (pp 617-628).

AEC Tr-4143
PL 480

Production of Radioisotopes in Poland,
by R. Flejewski, 7 pp, (pp 631-640).

Application of Radiochemical Methods
for the Study of Nuclear Reactions,
by S. Siekierski, 5 pp, (pp 641-646).

Decontamination Methods in Radio-
chemical Laboratories, by J. Siejka,
4 pp, (pp 647-651).

Scientific
Nuclear Physics (Contd)

Selected Articles From the Polish
Periodical Nukleonika. (Contd)

Vol II, No 4, 1957.
Radioactive Contamination of the
Earth's Atmosphere by Products of
Nuclear Explosions, by
L. Jurkiewicz, 8 pp, (pp 657-666).

AEC Tr-4143
PL 480

Vol VI, No 1, 1961, pp 1-15.
Optimum Operating Conditions of a Pile
Oscillator, by Witold Suwański,
Zbigniew Weiss, 20 pp.

JPRS 10111

Scientific
Physics

Periodic Motions of a Partical Under the
Gravitational Field of a Rotating 3 Axile
Ellipsoid.
RUSSIAN, per.

*RAND T-93

Phototriangulation Using and Electronic
Computer, by A. Lobanov, 191 pp.
RUSSIAN, bk, Fototriangulyatsiya s Primeneniyem
Elektronnoy Vychislitel'noy Mashiniy, 1960,
pp 1-144.

JPRS 10257

Investigation of the Structure of Metals by
Radioactive Isotope Methods, by S. Z. Bokshtein,
S. T. Kishkin, L. M. Moroz, 212 pp.
RUSSIAN, rpt, Issledovanie Stroyeniya Metallov
Metodom Radioaktivnykh Izotopov, 1959.

AEC Tr-4505

Heat Exchange at the Frontal Points of Blunt
Bodies Washed by a Supersonic Gas Flow, by
V. P. Motulevich, 16 pp.
RUSSIAN, bk, Konvektivnyy i Luchisty
Teploobmen, Moscow, 1960, pp 16-24. 9671169

FTD MCL-1108/1

Nonlinear Theory of Thin Elastic Shells, by
Kh. M. Mushtari, K. Z. Galimov, 374 pp.
RUSSIAN, bk, Nelineinaya Teoriya Uprugikh
Obolochek, 1957.

NASA-TT-F-62
PL-480

Nature of the Long Spark, by I. S. Stekolnikov,
RUSSIAN, bk, Priroda Dlinnoy Iskry, Izd-Vo AN SSSR,
Moscow, 1960, 271 pp.

*FTD-TT-61-149

Random Processes in Electrical and Mechanical
Systems, by V. L. Lebedev, 122 pp.
RUSSIAN, bk, Sluchainye Protsessy v
Elektricheskikh i Mekhanicheskikh Sistemakh, 1958.

NASA-TT-F-61
PL-480

The Calculation of Flame Propagation in a
Turbulent Steam, by Ye. S. Shchetinkov.
RUSSIAN, bk, V. Sb. Goreniye v Turbulentnom
Potoke SSSR, 1959, pp 5-50, Discussion,
pp 83-87.

*FTD-TT-61-181

On the Theory of Steamflow Around Bodies of
Low Aspect Ratio.
RUSSIAN, per.

*RAND T-113

Scientific
Physics (Contd)

Heat Transfer at a Turbulent Flow of Liquid Metals in Tubes, by V. I. Subbotin, M. Kh. Ibragimov, et al.

RUSSIAN, per, Atomnaya Energiya, Vol XI, No 2, 1961, pp 133-139.

*FTD-TT-61-198/1

Weakening of Gamma-Radiation From Co⁶⁰, Cs¹³⁷ and Au¹⁹⁸ by Means of a Lead Shield of Cylindrical Shape, by Z. S. Aref'yeva, V. V. Bochkarev, et al.

RUSSIAN, per, Atomnaya Energiya, Vol XI, No 2, 1961, pp 186-187.

*FTD-TT-61-198/1

Dual Control Theory, IV., by A. A. Feldbaum, 22 pp.

RUSSIAN, per, Avtomat i Telemekh, Vol XXII, No 2, 1961, pp 129-142. 9671209

FTD MCL-1223/1

On the Theory of Systems of Electrically Charged Particles, by A. E. Glaubergerman, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXVIII, 1951, pp 883-885.

AEC UCRL-Trans -666(L)

Phlegmatization of Explosives, by G. T. Afanas'yev, V. K. Bobolev, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVIII, No 4, 1961, pp 886.

AF 1452419

Concerning Heat Exchange During Bubblewise Boiling, by F. P. Minchenko.

RUSSIAN, per, Energomashinostroyeniye, No 6, 1960, pp 17-21.

*FTD TT-61-153

Selected Articles From the Russian Periodical Fiz Tverdovogo Tela.

Vol I, No 4, 1959, pp 572, 573.

*AEC

Surface Tension and Heat of Sublimation of Silicon, Germanium and Lead, by S. N. Zadumkin.

Vol III, No 6, 1961.

USASIA 1239-S

On the Mechanism of the Growth of Germanium Monocrystals From a Molecular Beam, by G. A. Kurov, 11 pp.

Scientific
Physics (Contd)

Selected Articles From the Russian
Periodical Fiz Tverdovogo Tela. (Contd)

Vol III, No 7, 1961, (DC-6382).
Non-Stability Thresholds During Ferromagnetic
Resonance in Ittrium Garnet Single Crystals,
by A. G. Gurevich, S. S. Starobinets,
(pp 1995-1998).

*JPRS

Appearance of Hypersound at Saturation of
Paramagnetic Resonance in Crystals, by
U. Kh. Kopvillem, V. D. Korepanov,
(pp 2014-2022).

Large Area Magnetodiodes, by E. I.
Karakushan, V. I. Stafeyev, (pp 2031-2040).

On the Growth of Germanium Layers From
the Gas Phase, by G. A. Kurov, (pp 2080-2088).

Selected Articles From the Russian Periodical
Inzhenerno-Fiz Zhur.

Vol III, No 1, 1960.
On Optimum Photoregistration Angle in
Measurement of Rate of Combustion, by
N. N. Bakhman, 3 pp.

ACSI H-9896
ID 2174782

Vol III, No 12, 1960.
Calculation of the Main Portion of an
Aerodynamic Turbulent Flow in a Restricted
Stream, by B. G. Khudenko, (pp 3-10).

*FTD-TT-61-135

The Temperature Gradient in a Ranque-Hilsch
Tube, by M. Brodyanskiy, I. L. Leytes,
(pp 72-77).

*FTD TT-61-157

Vol IV, No 1, 1961.
Rates of Chemical Reactions in Turbulent
Flows, by A. S. Predvoditelov, (pp 14-21).

*FTD TT-61-158

On the Effect of the Recovery of Enthalpy
on the Surface of a Cylinder Round With a Gas
Flows With High Velocity, by Ye. V. Shishov,
(pp 37-43).

*FTD-TT-61-158

Scientific
Physics (Contd)

Radiation of a Charge Moving Parallel to the Interface of Two Media, by G. M. Garibyan, O. S. Mergelyan, 11 pp.
RUSSIAN, per, Iz Ak Nauk Armyanskaya SSSR, Ser Fiz Matemat Nauk, Vol XII, No 2, 1960, pp 123-129. 9663470

FTD MCL-1032/1

Experimental Investigation on the Condensation of a Jet of Steam in a Space Filled With Liquid, by B. F. Glikman.
RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, Energ i Avtomat, No 1, 1959, pp 39-44.

DSIR LLU M. 1995

On the Theory of Stable With Three Channels for Automatic Compensation of Gravitational Acceleration, Corrected by External Information, by V. A. Bodner, V. P. Seleznev.
RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, Energ i Avtomat, No 1, 1960, pp 84-95.

*FTD-TT-61-65/1

On Motion Under the Action of a Central Force by A. Ripyanu.
RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, Mekh i Mash, No 6, 1960, pp 105-108.

*FTD TT-61-159

Internal Conversion With Pair Production in the Tl^{182} Decay, by S. S. Vasilenko, M. G. Kaganskiy, et al.
RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXV, No 1, 1961, pp 61-67.

*FTD-TT-61-175/1

Masses of Heavy Atoms and Binding Energies of Nuclei in the Range of $174 \leq M \leq 239$, by R. A. Demirkhanov, T. I. Gutkin, V. V. Dorokhov.
RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXV, No 1, 1961, pp 124-129.

*FTD-TT-61-175/1

Determination of the Mean Lifetime of Excited States of U^{235} Fission Fragments, by B. M. Shiryayev.
RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXV, No 1, 1961, pp 143-144.

*FTD-TT-61-175/1

Optimal Control Processes in the Case of Limited Phase Coordinates, by R. V. Gantrelidze, 56 pp.
RUSSIAN, per, Iz Ak Nauk SSSR, Ser Matemat, Vol XXIV, No 3, 1960, pp 315-356.

JPRS 4932

Scientific
Physics (Contd)

The Theory of a Double Gyro-Pendulum,
by N. Z. Sununov, 8 pp.
RUSSIAN, per, Iz Ak Nauk Uzbekskoy SSR,
Ser Fiz-Matemat Nauk, No 4, 1960,
pp 52-58. 9671175

FTD MCL-1042/1

Flow on Gas Through Porous Metal Walls, by
Yu. V. Il'in, 14 pp.
RUSSIAN, per, Iz Vysshikh Ucheb Zaved,
Aviat Tekh, No 1, 1959, pp 65-73. 9663475

FTD MCL-1166/1

On the Solution of the External Problem for the
Motion of a Point of Variable Mass, by I. F.
Vereshchagin.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Aviat
Tekh, No 4, 1960, pp 18-30.

*FTD TT-61-189

Stability of the Momentless State of Multi-ply
Anisotropic Shells, by A. V. Sachenkov,
F. G. Vybornov.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Aviat
Tekh, No 4, 1960, pp 61-71.

*FTD TT-61-133

Selected Articles From the Russian Periodical
Iz Vysshikh Ucheb Zaved, Fiz.

No 4, 1960, pp 160-165. 9671203
Determination of the Parameters of
Particle-Size Distribution, by V. V.
Lebedev, A. Ye. Makirov, 9 pp.

FTD MCL-1259/1

No 5, 1960.
Application of the Expansion Method to the
Elastic Scattering of Slow Electrons on
Heavy Atoms, by V. D. Kamenetskiy,
B. M. Yavorskiy, (pp 26-34).

*FTD TT-61-183

Transmittance of Thin Atmospheric Layers
in the 1-13 Micron Range, by V. Ye. Zuyev,
M. Ye. Elyeshberg, G. A. Safonova, 10 pp,
(pp 77-81). 9671162

FTD MCL-1217/1

The Electron and Ionic Emission of Metal-
Film Cathodes in Cesium Vapor, by N. D.
Morgulis, Yu. P. Korchevoy, 10 pp,
(pp 137-142). 9663465

FTD MCL-1354/1

Scientific
Physics (Contd)

The Theory of the Gravitational Field of
a Regularized Earth, by I. F. Monin, 7 pp.
RUSSIAN, per, Iz Vysshikh Ucheb Zaved,
Geod i Aerofotos, No 3, 1960, pp 57-61.
9663463

FTD MCL-1341/1

Motion of Charged Particles in High-Frequency
Electromagnetic Fields, by M. A. Miller,
19 pp.
RUSSIAN, per, Iz Vysshikh Ucheb Zaved,
Radiofiz, Vol I, No 3, 1958, pp 110. 9081357

AEC Tr-4750

Electrical Field of a Moving Droplet, by
S. S. Dukhin, B. V. Deryagin, 20 pp.
RUSSIAN, per, Kolloid Zhur, No 1, Vol XXI,
1959, pp 37-49. 9671208

FTD MCL-1192/1

Magnetism and Life, by A. Emme, 4 pp.
RUSSIAN, np, Komsomol'skaya Pravda,
18 Dec 1960, pp 4. 9671152

FTD MCL-1303/1

Separation and Congruence of Various Adsorp-
tion, Energy Components in the Series of
Heat Wetting, by B. V. Il'in.
RUSSIAN, per, Moskov. Gos. Univ. M. V.
Lomonosov: Poverkhn. Khim Soedinen, i. Rol
v Yavleniyakh Adsorbtsii, Sbornik Trudov
Konf. Adsorbtsii, 1957.

Broken Hill Proprietary
Co Ltd
CRL/T.575

Oscillations of Electron-Ion Plasmas, by
M. F. Shirokov, O. V. Prudkovskaya, 11 pp.
RUSSIAN, per, Nauch Dok Vysshey Shkoly, Fiz-
Mat Nauki, No 2, 1958, pp 192-199.

AEC TG-230-T161

Selected Articles From the Russian Periodical
Optika i Spektroskopiya, Vol I, 1956.

Dissociation Energies of Oxides of Magnesium,
Calcium, Strontium and Barium, by I. V. Veits,
L. V. Gurvich, (pp 22, 23).

*AEC UCRL-Trans-706

Investigation of the Brightness of the Channel
of a Spark Discharge in an Atmosphere of
Argon and Xenon, by M. P. Vanyukov, A. A. Mak,
et al, (pp 642-649).

*AERE, Harwell
Tr No 1533

Scientific
Physics (Contd)

Selected Articles From the Russian Periodical
Optika i Spektroskopiya, Vol I, 1956. (Contd)

Vol II, 1957, pp 145-149.

On the Basic Electron State of Oxides of
Molecules of Group II Elements, by I. V.
Veits, L. V. Gurvich.

*AEC UCRL Tr-707

Vol IV, 1958, pp 539-541.

Investigation of Powerful Pulse Discharge
With Limited Channel Diameter, by N. N.
Ogurtsov, I. V. Podmoshenskiy, 12 pp.

AEC UCRL Tr-445

Investigation of the Equilibrium in the System
Zirconium-Nitrogen at High Temperatures, and
of the Free Energy of Formation of ZrN_x As a
Function of Its Composition and Structure, by
Ye. I. Smagina, V. S. Kutsev, B. F. Ormont,
21 pp.

RUSSIAN, per, Problemy Fiz Khim, No 2, 1959,
pp 118-131.

JPRS 10232

Heat Transfer During the Condensation of
Water Vapour (Pure or Mixed With Air) on
the Surface of a Vertical Pipe, by V. I.
Tolubinskiy, N. G. Yampol'skiy.

RUSSIAN, per, Teploenergetiya, No 10, 1953,
pp 24-31.

DSIR LLU M. 1688

The Structure of the Light Absorption Band
in Molecular Crystals, by A. S. Davydov.

RUSSIAN, per, Trudy Inst Fiziki Akad Nauk
Ukrainskoy SSR, No 3, 1952, pp 36-51.

*NRL

Continuous Metal Steam Method of Hydrogen
Production, by V. V. Lebedev, 22 pp.

RUSSIAN, per, Trudy Inst Goryuchika
Iskopayemykh-Gazifikatsiya i Goreniye
Topliva, Moscow, Vol XI, 1959, pp 215-225.
9053474

FTD MCL-1164/1

Sensitization of Photographic Emulsions With
Potassium Iodide, by M. I. Shor.

RUSSIAN, per, Trudy Leningrad Inst Kinoizhenerov,
No 3, 1955, pp 179-187.

DSIR NLL M.1754

Scientific
Physics (Contd)

Determination of Eccentricity in X-Ray Powder Cameras, by E. C. Averbukh, S. S. Tolkachev, 9 pp.

RUSSIAN, per, Uchenye Zapiski Leningrad Gosudarst Univ imeni A. A. Zhdanova, No 211, Ser Khim Nauk, No 15, 1957, pp 223-229.

AEC GAT-Z-5025

Theory of Kinetic Phenomena in Helium II., by I. M. Khalatnikov, 116 pp.

RUSSIAN, per, Uspekhi Fiz Nauk, Vol LIX, 1956, pp 673-753.

AEC UCRL-Trans-678(L)

Hydrodynamics of Helium II, by I. N. Khalatnikov, 131 pp.

RUSSIAN, per, Uspekhi Fiz Nauk, Vol LX, 1956, pp 69-160.

AEC UCRL-Trans-675(L)

Study of Nonequilibrium Phenomena in Shock Waves, by S. A. Losev, A. I. Osipov.

RUSSIAN, per, Uspekhi Fiz Nauk, Vol LXXIV, No 3, 1961, pp 393-434.

*FTD-TT-61-196/1

The Laminar Boundary Layer of a Flat Plate in the Presence of Dissociation, by

Z. S. Galanova, 7 pp.

RUSSIAN, per, Vest Lenin U Ser Matemat, Mekh i Astron, Vol XIX, No 4, 1960, pp 95-99. 9671167

FTD MCL-1190/1

Motion of a Conducting Gas in a Magnetogasdynamical Generator, by O. A. Beresin.

RUSSIAN, per, Vest Leningrad U Ser Matemat, Mekh i Astron, Vol XIII, No 3, 1961, pp 93-102.

*FTD TT-61-104

Photoelastic Study of Stresses in a Cutting Tool Using Cinematography, by G. S. Andreyev, 9 pp.

RUSSIAN, per, Vest Mashin, No 5, 1958, pp 54-57.

DSIR LLU Tr Bul
Vol II, No 11, 1960

The Effect of Additions of Some Substances on the Intensity of Spectral Lines of Niobium and Tantalum, by N. I. Tarasevich, A. D. Khlystova.
RUSSIAN, per, Vest Moskov Univ, Ser II, Vol XIII, No 1, 1958, pp 215-221.

AEC Tr-4769

Scientific
Physics (Contd)

Certain Fundamentals of Experimental Determination of the Distribution Law of a Continuous Random Function, by V. D. Gusev, M. B. Vinogradova, 5 pp.
RUSSIAN, per, Vest Moskov U, No 6, 1959, pp 99-105.

ACSI H-9585
ID 2170493

Measurement of the Correlation Between the Amplitude and Frequency Fluctuations in a Reflex Klystron, by S. K. Lesota, 10 pp.
RUSSIAN, per, Vest Moskov U. Fiz, Astron, No 2, 1961, pp 3-8. 9671213

FTD MCL-1271/1

Interference Light Filters for the Ultraviolet Region of the Spectrum, by A. Yu. Klement'yeva, 6 pp.
RUSSIAN, per, Vest Moskov U. Ser III, Fiz, Astron, No 1, 1960, pp 23-26. 9671163

FTD MCL-1204/1

The Plasma Ellipsoid in an Intrinsic Field of Force, by A. Ya. Voronov.
RUSSIAN, per, Vest Mosk U. Ser III, Fiz, Astron, No 5, 1960, pp 74-80.

*FTD-TT-61-67/1

Selected Articles From the Russian Periodical Zhur Eksper i Teoret Fiz.

Vol XXVI, No 3, 1954, pp 307-316.
Polarizing Excitons in the KCl Type Crystals, by I. M. Dykman.

*NRL

Vol XXVII, 1954, pp 690-698.
Binary Distribution Functions for a System of Interacting Charged Particles, by I. R. Yukhnovskiy, 12 pp.

AEC UCRL-Trans-669(L)

Vol XL, No 3, 1961, pp 970-972.
On the Effect of Anisotropy on the Properties of Superconductors, by B. T. Geilikman, V. Z. Kresin, 3 pp.

Interntl Phys Index
Phys Express
Vol III, No 10

Vol XL, No 6, 1961, (DC-6383).
Destruction of Superconductivity in Thin Tia Films, by A. M. Kolchin, et al, (pp 1543-1550).

*JPRS

On the Conductivity Electron Interaction Induced by Spin Wave in a Ferromagnetic Substance, by S. V. Vonsovsky, M. S. Svirsky, (pp 1676-1681).

On Spatial Dispersion in a Relativistic Plasma, by V. N. Tsytovich, (pp 1775-1787).

Scientific
Physics (Contd)

Calculation of the Isotopic Effect in the
Vapor Pressure of Water and Methane, by
G. G. Deviatykh, 5 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXI, 1957,
pp 1445-1447.

AEC Tr-4442

On the Dissociation Energies of Molecules of
the Oxides of the Alkaline Earth Elements, by
I. V. Veits, L. V. Gurvich.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXI, 1957,
pp 2306-2309.

*AEC UCRL-Trans-708

Concerning the Model of the Combustion Zone of
a Turbulent Flame, by S. M. Kogarke, V. Ya.
Basevich.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXV, No 8,
1961, pp 1794-1798.

*FTD-TT-61-201

Domestically Produced Photographic Papers
for Printing Documents and Texts, by M. I.
Shor, 13 pp.

RUSSIAN, per, Zhur Nauch Prik Fotograf i
Kinematog, Vol VI, No 2, Mar/Apr 1961.

JPRS 10208

Stability of Salt Cathodes in Respect of
Secondary Emission, by M. M. Vudynskiy.
RUSSIAN, per, Zhur Tekh Fiz, Vol XI, No 11,
1941, pp 1066-1071.

DSIR NLL M.1453

On Diffusion Constants, by S. Gerzricken,
I. Deghtyar.
RUSSIAN, per, Zhur Tekh Fiz, Vol XVII, No 8,
1947, pp 871-880.

DSIR LLU M.1666

The Influence of a Third Element on Diffusion
in the Solid State, by S. Gerzricken,
I. Deghtyar.
RUSSIAN, per, Zhur Tekh Fiz, Vol XVII, No 8,
1947, pp 881-890.

DSIR LLU M.1665

Scientific
Physics (Contd)

Selected Articles From the Chinese
Periodical Wu-li Hsueh-pao.

Vol XV, No 2, 1959.

JPRS 8937

Wave Functions and Polarization States of
a Two-Photon System, by Wang Yung, 9 pp,
(pp 55-62).

On the Branching Ratios of the Decays of
the Hyperons and K-Meson and the Ratios of
the Mean Life Times, by Ch'en Chung-mu,
Ho Tsu-hsiu, Hsien Ting-ch'ang, et al,
13 pp, (pp 63-75).

Angular Distribution of the Decay Products
of Hyperons, by Ch'an Chung-mu, Ho Tsu-hsiu,
Hsien Ting Ch'ang, Chu Hung-yuan, 15 pp,
(pp 77-87).

A New Direction for Research of Heat
Resistant Alloys - Iron-Tungsten-Silicon
Alloy System, 39 pp, (pp 89-111).

Vol XV, No 3, 1959.

JPRS 8937

The General Method for Solving Magnetic
Circuit and Non-Linear Electric Circuit of
Direct Current, However Complex, by Wang
Hsien-jung, 27 pp, (pp 113-129).

On the Process of the Preparation of Nuclear
Emulsions N-2 and N-3, by Ho Tse-hui,
Lu Tsu-yin, Sun Han-cheng, 11 pp, (pp 131-137).

Methods of Preparation and Characteristics of
Nuclear Emulsions N-2, N-2 Loaded With Borin,
N-2 Loaded With Lithium, N-3, N-4, N-5, by
Lu Tsu-yin, Sun Han-cheng, Liu Hue-chang,
et al, 7 pp, (pp 139-144).

Some Problems of the Physics of Frictional
Wear, 22 pp, (pp 145-156).

Growth of NaCl Single Crystals From Sublimed
Vapor, by Chang Yuan-lung, 30 pp, (pp 157-165).

Scientific
Physics (Contd)

Selected Articles From the Chinese
Periodical Wu-li Hsueh-pao. (Contd)

Vol XVI, No 1, 1960.

JPRS 10212

On the Energy Spectrum of Nuclei Near Pb^{208}
(I)- Pb^{205} and Pb^{204} , by Yu Chuan-tsan,
Hu T'ang-shih, Ch'en Hsiao-t'ien, et al,
22 pp, (pp 2-12).

Energy Spectrum of Atomic Nuclei Near Pb^{208}
(II)- Bi^{208} and Bi^{207} , by Huang Wei-chih,
Liang Ch'un-t'ien, Chou Kuang-wen, et al,
30 pp, (pp 13-26).

On the Energy Spectrum of Atomic Nuclei Near
 Pb^{208} (III)- Pb^{208} and Tl^{208} , by Jen Keng-wei,
Chou Kuang-wen, Yu Yu-wen, et al, 23 pp,
(pp 27-37).

On the Transition of Atomic Nuclei Near Pb^{208}
(I) - Transitions E2 and E3, by Liang Ch'un-t'ien,
Hu T'ang-shih, Ch'en Hsiao-t'ien, et al 20 pp,
(pp 38-46).

On the Transition of Atomic Nuclei Near Pb^{208}
(II) - M1 Transition, by Huang Wei-chih,
Yu Chuan-tsan, Kao-ch'in, et al, 21 pp,
(pp 47-56).

Vol XVI, No 2, 1960, pp 107-110.
Some Characteristics of a High Frequency
Ion Source, by Ku. Yueh.

*FTD TT-61-169

Reaction (γ, p) on Indium, by Miroslav
Rozkos.
CZECH, per, Czechoslov J Phys, Vol VII,
1957, pp 20-25.

*AEC

Reaction (γ, p) on Cobalt, by Miroslav Rozkos.
CZECH, per, Czechoslov J Phys, Vol VII,
1957, pp 592-598.

*AEC

Study of the Photodielectric Phenomenon in
Luminescing Zinc Cadmium Sulphides, by
Ivan Soudek, 11 pp.
CZECH, per, Czechoslov J Phys, Vol IX, 1959,
pp 590-596.

AEC SCL-T-373

Scientific
Physics (Contd)

The General Formulation and Practical Calculation of the Diffusion Coefficient in a Lattice Containing Cavities, by P. Benoist, 73 pp.
FRENCH, Report CEA-1354, 1959.

AEC HW-Tr-25

Periodic Transients Linked to Variation in Activity, by J. Furet, J. Weill.
FRENCH, CEA Report 1950, 1961.

*AERE, Harwell
Tr No 1528

Study of the Oscillation Nodes of "M Carcino-tron", by M. de Bennatot, 40 pp.
FRENCH, per, Annales de Radioelec, No 42, Oct 1955, pp 328-343.

USASIA: SC-80a/60

The First Focalization of a Photomultiplier For Counting of Scintillations, by G. Wendt, 30 pp.
FRENCH, per, Annales de Radioelec, No 42, Oct 1955, pp 372-386.

USASIA: SC-80c/60

Contribution to the Study, at Low Temperatures, of Semiconductor Structures of Small Dimensions, by O. Garreta, 65 pp.
FRENCH, per, Annales de Radioelec, Vol XIV, No 55, 1959, pp 47-72.

USASIA: SC-86d/60

The Theory of Similitude and Tests on Models, by A. Schlag.
FRENCH, per, Industrie Chimique Belge, Vol XXV, 1960, pp 1431-1436.

*AEC

Variation of Photomultiplier Gain as a Function of Pulse Rate, by R. Chery.
FRENCH, per, Journal de Physique et le Radium, Vol XXI, No 8/9, 1960, pp 679-680.

*AERE, Harwell
Tr No 1523

Possibilities and Limitations of the Television Microscope, by Helmuth Frenk.
FRENCH, per, Radio Mentor, No 11, 1960, pp 887-893.

*AEC

A New Theory of the Viscosity of Vitreous Silicates, by S. N. Lungu.
FRENCH, per, Silicates Industriels, Vol XXIV, No 3, 1959, pp 124-130.

CSIRO

Scientific
Physics (Contd)

Deactivation of Ice-Forming Silver Iodide
Nuclei, by R. Picca, 93 pp.

FRENCH, per, Travaux de l'Institut
Scientifique Cherifien, Serie Sciences
Physiques, No 4, 1959.

Amer Meteorol Soc T-F-36

Transmission of Energy Across Semi-Transparent
Media, by R. Van Laethem, et al.
FRENCH, per, Verrest et Refractaires, Vol XIII,
No 4, 1959, pp 179-190.

CSIRO

Sputtering of Solids, by R. Behrisch,
GERMAN, rpt, 14 Apr 1961.

*AERE, Harwell
Tr No 1538

The Rayleigh and Raman Scattering, by
G. Placzek, 206 pp.
GERMAN, bk, Handbuch der Radiologie, Band VI.
Teil 2. Quantenmechanik der Materie und Strahlung,
2nd Ed, 1934, pp 209-374. 9092134

AEC UCRL-Trans-526(L)

The Adsorption Time and Its Measurement by
Flow Experiments (Conclusion), by P. Clausing,
71 pp.
GERMAN, per, Ann Physik, Vol VII, No 5, 1930,
pp 521-568.

AEC NP-Tr-693

Experimental Investigations Into the Ummunologic
Theory of Silicosis, by W. Licht, 13 pp.
GERMAN, per, Arch Gewerbepathol Gewerbehyg,
No 18, 1960, pp 327-336.

AEC Tr-4759

Theoretical Investigations on Strongly
Spherically-Symmetric Convergent Condensation
Drifts in Gaseous Deuterium, by H. Volcker.
GERMAN, per, Atomkernenergie, Vol V, 1960,
pp 209-217, 262-272.

*AEC

Hyperfine Structure and the Atomic Nucleus,
by H. Kallmann, H. Schuler.
GERMAN, per, Ergebnisse der Exakten
Naturwissenschaften, Vol XI, 1932, pp 134-175.

*AERE, Harwell
Tr No 1535

Development of Optical Glasses, by G. Franke.
GERMAN, per, Glas-Email-Keramo-Technik,
Vol XI, No 6, 1959, pp 149-153.

CSIRO

Scientific
Physics (Contd)

A Source of Polarized Deuterons and
Detection of the Polarization by the (d, t)
Reaction, by H. Rudin, H. R. Striebel, et al.
GERMAN, per, Helvetica Physical Acta,
Vol XXXIV, No 1, 1961, pp 58-84.

*AERE, Harwell
Tr No 1544

Excerpts From the Electrostatic Electron Ultra-
microscope, by H. Mahl, 14 pp.
GERMAN, per, Jahrbuch der AEG-Forschung,
Vol VII, No 1, 1940, pp 43-56. 9080652

AEC SCL T-370

Considerations of Energy in the Production of
Defects by Radiation, by M. Balarin,
O. Hauser.
GERMAN, per, Kernenergie, Vol III, No 10/11,
1960, pp 973-978.

*AERE, Harwell

The Dose Constant of Radium, by B. Rajewsky,
A. Sewkor.
GERMAN, per, Die Naturwissenschaften, Vol XLVIII,
No 7, 1961, p 216.

*AERE, Harwell
Tr No 1534

Confining a Plasma by a Magnetic Field, by
A. Koller, 25 pp.
GERMAN, per, Raketentechn und Raumfahrtforsch,
Vol III, No 4, 1959, pp 109-115.

AEC FRL-TN-26

The Current-Diffusion Effects and Its Applica-
tions, by Hans Tollert, 16 pp.
GERMAN, per, Rheol Acta, No 1, 1959, pp 318-321.

AEC Tr-4757

Testing of Weldments at High Temperatures by
Means of a Cooled Cassette, 18 pp.
GERMAN, per, Schweisstechnik, No 4, 1961,
pp 146-151. 9671149

FTD MCL-1395/1

Silicon Photocells, by R. Wiesner,
F. Nisal.
GERMAN, per, Siemens Zeitschrift, Vol XIII,
No 2, 1958, pp 128-134.

CSIRO

Note on the Infra-Red Spectra of Powders,
by R. Lejeune, G. Duychaerts.
GERMAN, per, Spectrochimica Acta, Vol VI,
No 3, 1954, pp 194-197.

CSIRO

Scientific
Physics (Contd)

Homogeneous and Heterogeneous Evaporated
Antimony Films, by E. Ruedl.
GERMAN, per, Vacuum, Vol VII-VIII, 1957-
1958, pp 56-60.

*AEC UCRL-Trans-719(L)

Chronology of Photogrammetry, by F. Manek,
8 pp.
GERMAN, per, Vermessungstechnik, Leipzig,
East Germany, 1958, pp 215, 226, 287, 288.
(Call No TA 501, V 53, V 6, No 9, No 12,
E Tr)

AMS

A Method of Power Determination From
Experimentally Derived Time-Path Curves, 6 pp.
GERMAN, per, Wehrtechnische Monatshefte, No 10,
1959, pp 317-321.

519th
ACSI H-8268
ID 2158107

On the Photochemistry of Substitution and
Isomerisation Reactions of Complex Ions of
Trivalent Chromium, by H. F. Schlafer.
GERMAN, per, Z fuer Elektrochemie, Vol LXIV,
No 7, 1960, pp 887-890.

Univ of Melbourne
Language Section
Faculty of Science
T.314

Heat Sensitization and Reactivation of
X-Irradiated Coli Bacteria, by H. Langendorff,
M. Langendorff, K. Sommermeyer, 10 pp.
GERMAN, per, Z fuer Naturforschung, Vol VIIb,
1953, pp 117-122. 9080943

AERE, Harwell
Np Tr-694

On the Correlation of Temperature Output
of a Reactor With Reactivity and Cooling,
by H. Gaus, R. Schulten.
GERMAN, per, Z fuer Naturforschung, Vol IXa
1954, pp 964-968.

CSIRO

Recent Results of Measurements of Absorption,
Fluorescence and Degree of Fluorescence
Polarization in the Acridine Cation - A
Further Contribution to the Metachromasy
Problem of this Vital Dye.
GERMAN, per, Z fuer Naturforschung,
Vol XIV, 1959, pp 789-801.

*ACSI I-0175
ID 2180074

Scientific
Physics (Contd)

Selected Articles From The German
Periodical Z. fuer Physik.

Vol LXXXII, 1933, pp 589-609. 9081351
Experiments for the Separation of Isotopes
According to the Method Given by G. Hertz,
by Herbert Harmsen, 33 pp.

AEC Tr 4396

Vol LXXXVIII, 1934, pp 161-178.
Study of a Theory of Beta-Rays, by E. Fermi.

*AEC

Vol LXXXIX, 1934, pp 447-473.
Ion and Electron Optics of Cylindrical Lens
and Prism, by Richard Herzog.

*AEC

Vol XC, 1934, pp 703-711.
Additional Experiments For the Separation
of Isotopes Production of Pure Heavy Hydrogen
by Diffusion, by H. Harmsen, G. Hertz,
W. Schutze, 15 pp.

AEC Tr 4395

Vol CVI, 1937, pp 675-691.
The Amorphous State of Metals, by
J. Kramer.

*AEC UCRL-Tr-719(L)

Vol CXLIV, 1956, pp 488-508.
Collective and Individual Degrees of Freedom
in Helium II., by W. Brenig, 38 pp.

AEC UCRL-Tr-681(L)

Vol CLI, 1958, pp 307-327. 9080256
Electric and Magnetic Behavior of Nb_3Sn in
the Area Forming a Transition Toward the
Superconduction, by Werner Wiedemann, 25 pp.

AEC SCL T-368

Vol CLX, 1960, pp 406-419. 9081353
The Mass Spectrum of the Uncharged Fragments
From Electron Bombardment of Molecules, by
D. Beck, O. Osberghaus, 25 pp.

AEC UCRL-Tr-692

The Mechanism of Ionic Motion in Solid Electrolytes,
by W. Schottky.

GERMAN, per, Z fuer Physik Chem, Vol XXIXB,
1935, pp 335-355.

*AEC

Radiation Monitoring and Measurement: Standard
Ionisation Chamber for Measuring the Background
Radiation: Calibration of Airborne Beta and
Gamma Dose Rate, by S. Moriuchi.
JAPANESE, JAERI Report 5002, 4.7.4 and 4.7.5,
1960.

*AERE, Harwell

Scientific
Physics (Contd)

Fundamental Studies on Photosensitive Glass.
Relation Between Exposure and Transparency,
by M. Tashiro, S. Sakka.

JAPANESE, per, Ceramic Association, Japan
Journal, Vol LXVII, No 8, 1959, pp 263-269.

CSIRO

Outline of Krakovian Calculus, by
Tadeusz Kochmanski, 35 pp.

POLISH, bk, Zarys Rachunku Krakowianowego,
1948, pp 46. 9081618

OTS-21531
PL 480

Transfer of Current Carriers in N-Type
Indium Antimonide at Low Temperatures,
by J. Kolodziejczak.

POLISH, per, Acta Physica Polonica, Vol XX,
No 4, 1961, pp 289-302.

*FTD-TT-61-167

Determination of the Neutron Flux Energy
Distribution by Activation and Transmission
Experiments, by M. Sabauk, I. Zamfirescu.
RUMANIAN, per, Acad Rep Populare Romine, Inst
Fiz Atomica si Inst Fiz Studii Cercertari
Fiz, Vol XI, 1960, pp 351-356.

*AEC

Diffusion in the Gas Centrifuge, by
Janez Strnad, 11 pp.

SERBO CROATIAN, per, Glasnik Mat Fiz i Astron,
Ser II, Vol XIV, 1959, pp 295-302.

AEC Tr-4766

Application of the System $Cr_2O_7^{--}$: $2Cr^{+++}$
in Spectrophotometric Analysis, by
F. Capitan-Garcia, M. Lachica-Garrido.
SPANISH, per, Anales de la Real Sociedad
Espanola de Fisica y Quimica, Vol LIIB, 1956,
pp 237-250.

*AERE, Harwell

A Method of Obtaining Uranium Concentrate
From Uranium-Bearing Material, by P. O.
Stelling, J. E. K. Svenke.
SWEDISH, Patent 148,719, 1943.

*AERE, Harwell
Tr No 1542

Scientific
Space Research

Introduction to Rocket Technology, by
V. I. Feodosyev, G. B. Sinyarev, 135 pp.
RUSSIAN, bk, Vvedeniye v Raketnuyu
Tekhniku, 1960, pp 44-48, 58-84;
167-176, 211-236; 460-486. 9663479

FTD MCL-901/1

Radiation Measurements During the Flight
of the Third Cosmic Rocket, by S. N. Vernov,
A. E. Chudakov, F. V. Vakulov, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI,
No 2, 1961, pp 322-324.

Interntl Phys Index
Phys Express
Vol III, No 10

Our Nearest Cosmic Neighbor, by
N. Varvarov, 6 pp.
RUSSIAN, np, Ekonomicheskaya Gazeta,
No 116 (969), 18 May 1961, p 4.

FTD MCL-1270/1

Interplanetary Routes, by A. Shternfel'd,
7 pp.
RUSSIAN, np, Krasnaya Zvezda, Vol XXXVIII,
No 118, 1961, p 6. 9671206

FTD MCL-1264/1

The Velocities That Are Possible in the
Universe, by S. Zonshayn, 7 pp.
RUSSIAN, np, Literaturnaya Gazeta,
May 11, 1961, p 2, Columns 1-5. 9663459

FTD MCL-1245/1

Vostok-2 Flies Toward the Stars, by
A. Romanov, (DC-6354).
RUSSIAN, per, Ogonek, No 37 (1786),
10 Sep 1961, pp 16-17.

*JPRS

Metal Mirrors With a High Reflection
Coefficient, by E. I. Levitina, 5 pp.
RUSSIAN, per, Optika i Spektro, Vol X,
No 1, 1961, pp 135-138.

Interntl Phys Index
Phys Express
Vol III, No 10

The Dawn of the Space Age [General Meeting
of the Academy of Sciences, USSR Devoted
to the First Manned Space Flight?], by
M. Keldysh, A. A. Blagonravov, 11 pp.
RUSSIAN, np, Pravda, May 20, 1961, p 3.
9671204

FTD MCL-1252/1

The Second Flight of a Man in Cosmic
Space, 36 pp.
RUSSIAN, np, Pravda, 8 Sep 1961.

JPRS 8967

Scientific
Space Research (Contd)

Selected Articles From the Russian
Periodical Priroda.

No 9, 1960, pp 3, 5. 9671159
The Triumph of Soviet Science and
Technology, 3 pp.

FTD MCL-1255/1

No 5, 1961.
The Morning of a New Era, by
A. N. Nesmeyanov, 4 pp, (pp 3, 4).

JPRS 10166

Through the Eyes of the First Cosmonaut,
3 pp, (pp 5, 6).

The Path Into Space Is Open, by
N. M. Sisakyan, 4 pp, (pp 6, 7).

Man Returns From Space Voyage,
Biology and Medicine to Serve the
Flights Into Space, by P. K. Isakov,
15 pp, (pp 8-13).

The Path to the Planets Is Open. Sec-
ond Flight of Man Into Cosmic Space.
RUSSIAN, np, Sovetskaya Rossiya, 9 Sep 1961,
p 4.

*FTD-TT-61-147

Meteoric Rocket, by G. Pkrovskiy.
RUSSIAN, per, Tekh Molodezhi, No 1,
1961, p 37.

*FTD-TT-61-190

Soviet Cosmonauts in Near-Space, by
G. V. Petrovich, 12 pp.
RUSSIAN, per, Vest Ak Nauk SSSR, No 5,
1961, pp 13-22.

JPRS 8897

Breakthrough Into Space, by V. Parfonov,
17 pp.
RUSSIAN, per, Znaniye-Sila, No 10, 1960,
pp 1-3.

FTD MCL-1185/1

Before a Manned Flight, by L. Gil'bert,
13 pp.
RUSSIAN, per, Znaniye-Sila, No 10, 1960,
pp 6-8. 9671202

FTD MCL-1280/1

Scientific
Space Research (Contd)

Ballistics, by R. E. Kutterer, 226 pp.
GERMAN, bk, Ballistik, 304 pp.

ACSI H-6751

Astronautics, by Mieczyslaw Subotowicz.
POLISH, bk, Astronautyka, Warsaw, Panstwowe
Wydawn Naukowe, 1960, pp 192-203, 379-396,
460-463, 474-486.

*FTD-TT-61-123

Man and the Cosmos, by Ryszard Piekarowicz,
(DC-6375).

POLISH, np, ITD, No 32, 1 Oct 1961,
pp 10, 11, 15.

*JPRS

Scientific
Miscellaneous

The Moscow Higher Technical School
(1917-1955).

RUSSIAN, bk, 125th Anniversary of the
Moscow Higher Technical School, 1955,
pp 282-361.

JPRS 4928

Basic Trends and Prospects for the De-
velopment of Science in Siberia, by
A. A. Trofimuk, 9 pp.

RUSSIAN, rpt, Konyerentsiya po Razvitiya
Proizvoditel'nykh sil -- Razvitiye
Proizvoditel'nykh sil Vostochnoy Sibiri,
1960, pp 95-100.

JPRS 10101

The Development of Science in Azerbaydzhan
SSR, by Yu. G. Mamedaliyev, 92 pp.

RUSSIAN, bk, Razvitiye Nauki v Azerbaydzhanе,
1960, 139 pp.

JPRS 8977

At the Presidium of the Academy of Sciences,
Ukrainian SSR, 5 pp.

RUSSIAN, per, Dopovidi Ak Nauk Ukrain's'koy
SSR, No 1, 1961, pp 120-122.

JPRS 10400

General Meeting of the Department of
Technical Sciences of the Academy of
Sciences USSR, 6 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh
Nauk, Metal i Toplivo, No 2, 1961, pp 182-184.

JPRS 8890

The Development of Science in the Siberian
Division of the Academy of Sciences of the
USSR, 29 pp.

RUSSIAN, per, Iz Sibirskogo Otdel Ak Nauk
SSSR, No 1, 1960, pp 3-16.

DSIR LLU Tr Bul
Vol II, No 11, 1960

An Appeal of the Republican Conference of
Scientific Workers to All the Scientific
Workers of Soviet Armenia, 4 pp.

RUSSIAN, np, Kommunist, 26 Jul 1961, p 1.

JPRS 10308

Soviet Figures in the Medical Sciences,
19 pp.

RUSSIAN, per, Medit Rabot, No 38 (1989),
1961, p 4; No 38 (1994), 1961, p 4.

JPRS 10243

Scientific
Miscellaneous (Contd)

- News of the Academy of Sciences Moldavian
SSR, (SF-2031)
RUSSIAN, np, Sovet Moldaviya, 3, 4 Aug 1961. *JPRS
- Mathematics and Language, by V. A. Bvegintsev,
(DC-3901).
RUSSIAN, per, Tekh Molodezhi, No 1, 1961,
pp 10-12. *JPRS
- The Militant Scientific Staff of the Republic,
by S. R. Sergiyenko, 3 pp.
RUSSIAN, np, Turkmenskaya Iskra,
29 Jan 1961, p 2. JPRS 10308
- To Be in Step With Life, To Serve the
People in a Selfless Manner, by
S. Sergiyenko, 6 pp.
RUSSIAN, np, Turkmenskaya Iskra,
14 Jul 1961, p 2. JPRS 10308
- Selected Articles From the Russian
Periodical Vest Ak Nauk SSSR, No 6,
1961.
- Election of Academician M. V. Keldysh
as President of the Academy of Sciences
USSR, 15 pp, (pp 3-13). JPRS 10389
- General Meetings of Academy of Sciences
Departments, 10 pp, (pp 41-47). JPRS 10390
- Scientific Ties Abroad, by M. P. Kostenko,
A. A. Saukov, Ye. A. Belyayev, 8 pp,
(pp 81-84). JPRS 10391
- Academy of Sciences Institutions News
Items, by V. P. Shatrov, N. F. Bakeyev,
E. I. Cherepov, 7 pp, (pp 90-94). JPRS 10392
- Scientific Sessions, Conferences and
Meetings, by Z. I. Zhurbitskiy,
N. N. Verzilin, V. V. Sidel'nikov,
13 pp, (pp 95-102). JPRS 10393

Scientific
Miscellaneous (Contd)

The First All-Union Conference on Ozone
of the Higher Educational Institutions,
by Yu. M. Yemel'yanov, 7 pp.
RUSSIAN, per, Vest Moskov U, No 1, 1961,
pp 77-80.

JPRS 10412

Man in Automatic Systems of Control, by
D. A. Oshanin, D. Yu. Panov, 12 pp.
RUSSIAN, per, Voprosy Filosofii, No 5,
1961, pp 47-56.

JPRS 10337

A Discussion of the Plan for Scientific
Research Work at the African Institute,
Academy of Sciences USSR, by R. N. Ismagilova,
7 pp.
RUSSIAN, per, Voprosy Istorii, No 10,
1960, pp 144-146.

JPRS 8948

To the Front Ranks of Science, by
N. I. Muskhelishvili, 5 pp.
RUSSIAN, np, Zarya Vostoka, No 184
(11207), 11 Aug 1961, p 2.

JPRS 10406

A Guide to Scientific and Technical Reference
Works, by Zhao Ji-Sheng.
CHINESE, rpt, Metal Science and Metallurgi-
cal Processes Section.

BISI 2449

Ordinance of the Execution of the Federal
Decree Relating to the New Measures to
be Taken for Encouraging the Research and
the Training of Specialists in the Field
of Atomic Energy (Dated 1 May 1960) of
the Swiss Federal Legislature, 5 pp.
GERMAN, rpt.

AEC Tr-4436

Scientific Research in the USSR, by
A. Topchev, 60 pp.
ITALIAN, bk, La Ricerca Scientifica
Nell'URSS, 1960.

AEC Tr-4282

Report of Scientific Trip to the German
Democratic Republic, by A. R. Tuszkievicz,
(DC-6337).
POLISH, per, Biuletyn Naukowy Metodyczno-
Organizacyjny, No 11, 1961, pp 120-124.

*JPRS

Scientific
Miscellaneous (Contd)

Polish Scientific Planning, by Janusz
Groszkowski, Witold Nowacki, 28 pp.

POLISH, per, Nauka Polska, Vol VIII,
No 4, Oct/Dec 1960, pp 1-24.

JPRS 10153

The Planning Commission of the Polish
Academy of Sciences, by Maciej
Gorzechowski, 7 pp.

POLISH, per, Nauka Polska, Vol VIII, No 4,
Oct/Dec 1960, pp 276-280.

JPRS 10153

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INFORMATION RECEIVED DURING OCTOBER

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Astronomicheskiy Zhurnal, Vol XXXVIII,
No 2, 1961.

AIP
Sov Astron - AJ
Vol V, No 2

Atomnaya Energiya, Vol IX, No 3-5,
1960.

CB

Avtomaticheskaya Svarka, No 12, 1960.

BWRA

Byulleten' Izobreteniy, No 6-8, 1961.

Derwent Information Service

Derevoobrabatyvayushchaya Promyshlennost,
No 6, 1960.

Timber Development Assoc

Doklady Akademii Nauk SSSR, Biological
Sciences Sections, Vol CXXXVI, No 1-6,
1961.

AIBS

Doklady Akademii Nauk SSSR, Vol CXXXVII,
No 4-6, 1961.

AIP
Sov Phys - Dok
Vol VI, No 4

Doklady Akademii Nauk SSSR, Botanical
Sciences Sections, Vol CXXXVI, No 1-6,
1961.

AIBS

Elektrosvyaz', No 3, 1961.

AIEE

Fizika Metallov i Metallovedeniye, Vol X,
No 4-5, 1960.

PP

Fizika Tverdogo Tela, Vol III, No 4,
1961.

AIP
Sov Phys - Solid State
Vol III, No 4

Fiziologicheskiy Zhurnal SSSR imeni
I. M. Sechenova, Vol XLVI, No 12, 1960.

PP

Geokhimiya, No 1-8, 1959.

Geochem Soc

Izvestiya Akademii Nauk SSSR, Otdeleniye
Khimicheskikh Nauk, No 9-10, 1960.

CB

Izvestiya Akademii Nauk SSSR, Seriya Fizicheskaya, Vol XXIV, No 9, 1960.	CTT
Izvestiya Akademii Nauk SSSR, Seriya Geologicheskaya, No 4, 1960.	AGI
Izvestiya Vysshikh Uchebnykh Zavedeniy, MVO. Radiofizika, Vol IV, No 2, 1961.	JPRS 10223
Kauchuk i Rezina, Vol XX, No 1-2, 1961.	RAPRA
Kinetika i Kataliz, Vol I, No 4, 1960.	CB
Koks i Khimiya, No 4, 1961.	CTRA
Liteynoye Proizvodstvo, No 5, 1961.	BCIRA
Metallurg, No 12, 1960.	Acta Metallurgica
Mikrobiologiya, Vol XXX, No 1, 1961.	AIBS
Ogneupory, No 5-6, 1960.	Acta Metallurgica
Optika i Spektroskopiya, Vol X, No 6, 1961.	OSA
Pochvovedeniye, No 9, 1960.	AIBS
Priborostroyeniye, No 4, 1961.	Taylor & Francis Ltd
Prikladnaya Matematika i Mekhanika, Vol XXV, No 2, 1961.	PP
Radiobiologiya, Vol I, No 1, 1961.	JPRS 10170
Radiotekhnika, Vol XV, No 12, 1960.	PP
Radiotekhnika, Vol XVI, No 3, 1961.	AIEE
Radiotekhnika i Elektronika, Vol V, No 11, 1960.	PP
Referativnyi Zhurnal: Mekhanika, No 2, 1960.	TILS
Stanki i Instrument, Vol XXXII, No 2, 1961.	PERA
Svarochnoye Proizvodstvo, No 9, 1960.	BWRA
Uspekhi Matematicheskikh Nauk, Vol XVI, No 1, 1961.	Cleaver-Hume Press

Vestnik Akademii Nauk SSSR, No 7, 1961.	JPRS 10273
Vestnik Mashinostroeniya, Vol XL, No 12, 1960.	PERA
Vestnik Svyazi, No 7 (196), 1956.	JPRS 7066
Vestnik Svyazi, No 2, 1957.	JPRS 7024
Vestnik Svyazi, No 8, 1958.	JPRS 7013
Vestnik Svyazi, No 6, 1961.	JPRS 9956
Vestnik Svyazi, No 9, 1961, (NY-6776).	*JPRS
Voprosy Onkologii, Vol VII, No 1, 1961.	Royer and Roger
Zhurnal Fizicheskoy Khimii, No 12, 1960.	Cleaver-Hume Press
Zhurnal Mikrobiologii, Epidemiologii i Immunobiologii, Vol XXXI, No 10, 1960.	PP
Zhurnal Neorganicheskoy Khimii, Vol III, No 4, 1958.	AEC Tr-4452 PL-480
Zhurnal Neorganicheskoy Khimii, No 12, 1960.	Cleaver-Hume Press
Zhurnal Obshchey Khimii, Vol XXX, No 10-11, 1960.	CB
Zhurnal Prikladnoi Khimii, Vol XXXIII, No 12, 1960.	CB

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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	Fldr	Doc	Doc ID	Document Title	Pub Date	Pages	Decision	Proc Date
AD0834505	78-03109A	49	1	1	36	Consolidated Translation Survey For December 1960	12/1/1960	240	Approved For Release	3/25/2004
AD0834506	78-03109A	49	1	2	37	Consolidated Translation Survey For January 1961	1/1/1961	318	Approved For Release	3/25/2004
AD0834340	78-03109A	49	1	3	38	Consolidated Translation Survey For February 1961	2/1/1961	363	Approved For Release	3/25/2004
AD0834341	78-03109A	49	1	4	39	Consolidated Translation Survey For March 1961	3/1/1961	206	Approved For Release	3/25/2004
AD0834342	78-03109A	49	1	5	40	Consolidated Translation Survey For April 1961	4/1/1961	411	Approved For Release	3/25/2004
AD0834343	78-03109A	49	1	6	41	Consolidated Translation Survey For May 1961	5/1/1961	327	Sanitized	3/25/2004
AD0834344	78-03109A	49	1	7	42	Consolidated Translation Survey For June 1961	6/1/1961	364	Approved For Release	3/25/2004
AD0834345	78-03109A	49	1	8	43	Consolidated Translation Survey For July 1961	7/1/1961	303	Approved For Release	3/25/2004
AD0834346	78-03109A	50	1	1	44	Consolidated Translation Survey For August 1961	8/1/1961	349	Approved For Release	3/25/2004
AD0834347	78-03109A	50	1	2	45	Consolidated Translation Survey For September 1961	9/1/1961	299	Approved For Release	3/25/2004
AD0834348	78-03109A	50	1	3	46	Consolidated Translation Survey For October 1961	10/1/1961	252	Approved For Release	3/25/2004
AD0834349	78-03109A	50	1	4	47	Consolidated Translation Survey For November 1961	11/1/1961	285	Approved For Release	3/25/2004
AD0834350	78-03109A	50	1	5	48	Consolidated Translation Survey For December 1961	12/1/1961	362	Approved For Release	3/25/2004
AD0834351	78-03109A	50	1	6	49	Consolidated Translation Survey For January 1962	1/1/1962	341	Approved For Release	3/25/2004
AD0834352	78-03109A	50	1	7	50	Consolidated Translation Survey For February 1962	2/1/1962	323	Approved For Release	3/25/2004
AD0834353	78-03109A	51	1	1	51	Consolidated Translation Survey For March 1962	3/1/1962	401	Approved For Release	3/25/2004
AD0834354	78-03109A	51	1	2	52	Consolidated Translation Survey For April 1962	4/1/1962	423	Approved For Release	3/25/2004
AD0834355	78-03109A	51	1	3	53	Consolidated Translation Survey For May 1962	5/1/1962	387	Approved For Release	3/25/2004
AD0834356	78-03109A	51	1	4	54	Consolidated Translation Survey For June 1962	6/1/1962	391	Approved For Release	3/25/2004
AD0834357	78-03109A	51	1	5	55	Consolidated Translation Survey For July 1962	7/1/1962	396	Approved For Release	3/25/2004
AD0834358	78-03109A	51	1	6	56	Consolidated Translation Survey For August 1962	8/1/1962	475	Approved For Release	3/25/2004
AD0834359	78-03109A	52	1	1	57	Consolidated Translation Survey For September 1962	9/1/1962	245	Approved For Release	3/25/2004
AD0834360	78-03109A	52	1	2	58	Consolidated Translation Survey For October 1962	10/1/1962	228	Approved For Release	3/25/2004
AD0834361	78-03109A	52	1	3	59	Consolidated Translation Survey For November 1962	11/1/1962	274	Approved For Release	3/25/2004
AD0834362	78-03109A	52	1	4	60	Consolidated Translation Survey For December 1962	12/1/1962	265	Approved For Release	3/25/2004
AD0834363	78-03109A	52	1	5	61	Consolidated Translation Survey For January 1963	1/1/1963	270	Approved For Release	3/25/2004