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CONSOLIDATED TRANSLATION SURVEY

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CONSOLIDATED TRANSLATION SURVEY

FOR MARCH 1962

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CONSOLIDATED TRANSLATION SURVEY

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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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Admiralty Center for Scientific Information and Liasion
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AEC - Atomic Energy Commission (see Department of Commerce)

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The Librarian
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AF

Department of Air Force
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AFCRL Res Lib

Air Force Cambridge Research Laboratories
Research Library, Office of Aerospace Research
United States Air Force
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Bedford, Massachusetts
ATTN: CRXLR

AGI

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

AGU

American Geophysical Union
1515 Massachusetts Avenue, NW
Washington 5, DC

AIBS

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

AIEE

American Institute of Electrical Engineers
Special Subscription Department
41 East 23th Street
New York 16, New York

AIP

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

Amer Math Soc

American Mathematical Society
190 Hope Street
Providence 6, Rhode Island

Amer Meteorol Soc

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

AMS - Army Map Service (see ACSI)

ATS

Associated Technical Services
PO Box 271
East Orange, New Jersey

BCIRA

British Cast Iron Research Association
Bordesley Hall
Alvechurch, Birmingham
England

BISI

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

Bu Cen

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

BWRA

British Welding Research Association
Abington Hall, Abington
Cambridge, England

Cambridge University Press

32 East 57th Street
New York 22, N. Y.

CB

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

Cleaver-Hume Press, Ltd

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

CSIR

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

CSIRO

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

CTRA

The Coal Tar Research Association
Oxford Road
Gomersal, Leeds

CTT

Columbia Technical Translations
5 Vermont Avenue
White Plains, New York

Dept of Com

Department of Commerce
Office of Technical Services
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Dept of State

Department of State
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132 State Annex 1
Washington, DC

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Rochdale House, Theobolds Road
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FTD - Foreign Technology Division (see AF)

Gordon and Breach

Gordon and Breach
Publishers, Inc.
150 Fifth Avenue
New York 11, New York

HB

Henry Brutcher Technical Translations
PO Box 157
Altadena, California

HO - Hydrographics Office (see Navy)

ID - Intelligence Document (see ACSI)

Interntl Coop Admin

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

ISA

Instrument Society of America
313 Sixth Avenue
Pittsburgh 22, Pennsylvania

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Office of Technical Services
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Liveright Publishing Corp.

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New York 16, New York

MEB

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

Min of Aviat

Ministry of Aviation (TIL)
Leysdown Road, Mottingham
London, S. E. 9 England

MIT, Libraries

Massachusetts Institute of Technology Libraries,
Cambridge, Massachusetts

Navy

Department of Navy
Office of Naval Intelligence
Washington 25, DC

NIH

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

NIOT

National Institute of Oceanology Translation
Wormley, Godalming, Surrey
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)

OT - Order from Cambridge University, Cambridge, England

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

Planet & Spac Sci - Planetary and Space Science - (see PP)

PP

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

PS

Primary Sources
11 Bleecker Street
New York 12, New York

RAE (See TIL, Ministry of Aviation)

Royer and Roger, Inc

Royer and Roger, Inc
1000 Vermont Avenue, NW
Washington 5, DC

RRG

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

Science Editions

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440 Park South
New York 16, N.Y.

Simon & Schuster

630 Fifth Avenue
New York 20, N. Y.

Thornton Res Centre

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

TIL - Technical Information Library

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

TILS - Technical Information and Library Service
(see Min of Aviat)

UK AEA

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

USDA

Department of Agriculture
Foreign Agricultural Service
Room 5609
14th and Independence Avenue, NW
Washington 25, DC

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

500th INTC Gp, SIRA - 500th Intelligence Corps Group, SIRA
(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
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USSR

Economic

Steel Industry, 9 pp.
RUSSIAN, rpt, 10-13 Oct 1961. 9672467 500th INTC Gp 105123

Winter Use of Wheeled and Tracked
Vehicles, by V. G. Karpenko, 204 pp.
RUSSIAN, bk, Aimnyaya Ekspluatatsiya
Kolesnykh i Gusenichnykh Mashin, 1958,
255 pp. ACSI H-7497
ID 2140820

Analysis of the Economic Activity of
Communication Enterprises, by
S. A. Malkin, (SF-2187).
RUSSIAN, bk, Analiz Khozyaystvennoy
Deystel'nosti Predprivatnykh Svyazi,
1961, 107 pp. *JPRS

Boksitogorsk, by S. V. Kislovskoy, 49 pp.
RUSSIAN, bk, Boksitogorsk, 1960, pp 1-134. JPRS 12506

Dzhambul'skaya Oblast, by M. I. Semenova,
(NY-7009)
RUSSIAN, bk, Dzhambul'skaya Oblast, 1961,
pp 97-117, 126-133, 167-175, 185-210. *JPRS

Economic Effectiveness of New Technical
Equipment in the Textile Industry of the
Ukrainian SSR, by I. I. Rizhkov,
M. T. Dubosars'ka, 35 pp.
RUSSIAN, bk, Ekonomichna Efektivnist'
Novoy Tekhniki v Tekstil'niy
Promislovost' URSR, 1959, pp 19-45. JPRS 12415

Economics of Material-Technical Supply,
by E. Yu. Lokshin, (DC-6666).
RUSSIAN, bk, Ekonomika Material'no-
Tekhnicheskogo Snabzheniya, 1960,
512 pp. *JPRS

USSR
Economic (Contd)

The Industry of the Estonian SSR, by
M. I. Rostovtsev, V. Yu. Tarmisto,
161 pp.

RUSSIAN, bk, Estoniskaya SSR - Ekonomiko -
Geograficheskaya Kharakteristika, 1957,
pp 203-230, 235-266, 286-292, 294-296,
297, 300-304, 312, 322-332, 334-350.

JPRS 12750

Physical and Geographical Division Into
Rayons, by N. I. Mikhaylov, (DC-6696).
RUSSIAN, bk, Fiziko-Geograficheskoye
Rayonirovaniye, 1960, pp 16, 17.

*JPRS

A Geographic Study of Rural Settlement;
Chapter 4, Materials for Studying
Modern Rural Settlement in the USSR,
by S. A. Kovalev, (SF-2201).
RUSSIAN, bk, Geograficheskoye Izucheniye
Sel'skogo Rasseleniya, 1960, pp 3-5,
243-281.

*JPRS

Geography of USSR Heavy Industry, by
P. N. Stepanov, (DC-6713).
RUSSIAN, bk, Geografiya Tyazheloy
Promyshlennosti SSSR, 1961, pp 1-152.

*JPRS

Industry of the Karelian SSR, by
A. A. Grigor'yev, A. V. Ivanov, 29 pp.
RUSSIAN, bk, Karel'skaya ASSR, 1956.

JPRS 12537

Khar'kov Plastics, by A. Polovinchenko,
40 pp.
RUSSIAN, bk, Khar'kovskiye Plastmassy,
1959, pp 3-54.

JPRS 12868

Kirovsk, (Rayons and Cities of
Murmanskaya Oblast'). by V. Mikheyev,
V. Smirnov, 59 pp.
RUSSIAN, bk, Kirovsk, 1960, pp 3-96.

JPRS 12741

USSR

Economic (Contd)

The Kursk Magnetic Anomaly, the Largest Iron-Ore Source in the USSR, by B. G. Vaynshteyn, (DC-6714).

RUSSIAN, bk, Kurskaya Magnitnaya Anomaliya -- Krupneyshaya Zhelezorudnaya Baza SSSR, 1961, pp 1-108.

*JPRS

Light and Food Industry of the USSR, 1959-1965, by V. P. Zotov, (SF-2198).

RUSSIAN, bk, Legkaya i Pishchevaya Promyshlennost' SSSR, 1959, pp 1-191.

*JPRS

Magnitogorsk Metallurgical Combine, by V. I. Kazarinova, V. I. Pavlichenkov, (SF-2197).

RUSSIAN, bk, Magnitogorsk, 1961, pp 125-148.

*JPRS

Small Hydroelectric Power Plants of the Ukrainian SSR, by Sergei Nikolayevich Kudin, Anatoliy Leonidovich Podgorinov, Leonid Samsonovich Khilobochenko, 132 pp. RUSSIAN, bk, Mali Gidroelektrostantsiyi Ukrayins'koy RSR, 1960, pp 160.

JPRS 12619

Toward New Imposing Tasks, by V. I. Stepanov, N. I. Bobrovnikov, V. F. Zhigalin, 110 pp. RUSSIAN, bk, Moskovskiy Rabochiy, 1961, pp 2-160.

JPRS 12601

Novokuybyshevsk, Civil and Residential Construction, by A. I. Tselikov, A. P. Slobodyanik, (NY-7008). RUSSIAN, bk, Nokuybyshevsk, Zhilishchno-Grazhdanskoye Stroitel'stvo, 1961, pp 5-11.

*JPRS

Places of Historical Interest in Moskovskaya Oblast, by K. A. Konovalova, (DC-6715).

RUSSIAN, bk, Pamyatnyye Mesta Moskovskoy Oblasti, 1960, pp 1-735.

*JPRS

USSR
Economic (Contd)

Prospects of the Oil and Gas Industry
of the Komi ASSR, by A. Ya. Krems,
(NY-7007).

RUSSIAN, bk, Perspektivy Neftyanoy i
Promyshlennosti Komi ASSR, 1957,
pp 3-7, 9, 11, 12, 15-32.

*JPRS

Areas of Expansion and Development of
the USSR Lumber and Wood Processing
Industries on a Long-Range Basis, by
G. M. Benenson, S. A. Obratsov,
A. S. Bolyatinskaya, 76 pp.

RUSSIAN, bk, Perspektivy Razmeshcheniya
Lesopil'no-Derevoobrabatyvayushchey
Promyshlennosti, 1960, pp 74-120.

JPRS 12555

Labor Movement in Capitalist Countries
(1959-1961), by A. A. Arzumanyan,
V. V. Lyubimova, K. L. Maydanik, et al,
(DC-6652).

RUSSIAN, bk, Rabocheye Dvizheniye v
Kapitalisticheskikh Stranakh, 1961,
pp 351-372.

*JPRS

Sigulda, by R. Vetra, (SF-2199).
RUSSIAN, bk, Sigulda, 1960, pp 10-12.

*JPRS

Soviet Ferrous Metallurgy, by
Viktor Borisovich Khlebnikov, 142 pp.
RUSSIAN, bk, Sovet Chernaya Metallurgiya
1959-1965, 1960, pp 3-7, 50-243.

JPRS 12474

Reference Book for Forestry, by
V. A. Kozlovskiy, (NY-6993).
RUSSIAN, bk, Spravochnik Lesoystroitel'nykh
Upravleniy, 1959, pp 90-103.

*JPRS

Machine Tools With Programmed Control,
by V. Butusov, (NY-7022).

RUSSIAN, bk, Stanki s Programmnykh
Upravleniyem, 1960, pp 32-73.

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Tallinn, by Uno Kammal, Vello Tarmisto,
(NY-7017).

RUSSIAN, bk, Tallin, 1960, pp 1-80.

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Central Black-Earth Region, by

K. V. Dolgoplov, (NY-7006).

RUSSIAN, bk, Tsentral'no-Chernozemnyy
Rayon, 1961, pp 108-140, 178-202, 204-206,
211-215, 224, 227, 234-240, 244-252, 257-261,
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357-365, 368-369, 376-377, 384-388, 391-392.

*JPRS

A Tourist Trip Around Estonia, by E. Brik,
(SF-2200).

RUSSIAN, bk, Turistskiye Pokhody po Estonii,
1960, pp 23-40.

*JPRS

Industrialization in the Turkmen SSR, by

Z. G. Freykin, (NY-7016).

RUSSIAN, bk, Turkmenskaya SSR, 1957,
pp 173-195, 253-262, 272-276, 282-294,
317-345, 371-377, 381-396, 406-422,
435-441.

*JPRS

Turkmen SSR, by B. Obezov, (SF-2195).

RUSSIAN, bk, Turkmenskaya SSR, 1960,
pp 12-33, 38-45.

*JPRS

Ukrainian SSR, Part II, Economic
Administrative Regions, by A. S. Koroyed,
G. L. Gradov, 169 pp.

RUSSIAN, bk, Ukrainskaya SSR, Chast'
Vtoraya, Ekonomicheskiye Administrativnyye
Rayony, 1958, pp 1-17, 21-104, 128-137,
141, 162, 168-177, 179-190, 195, 198-207,
210-219, 224-242, 244-248, 250-260,
263-314.

JPRS 12475

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The Industry of Vladivostok, by
D. P. Belykh, (DC-6709).
RUSSIAN, bk, Vladivostok, 1960, pp 3-12,
87-271.

*JPRS

Historical and Economic Data on Vologda
Oblast, by V. A. Mineyev, V. M. Malkov,
10 pp.
RUSSIAN, bk, Vologodskaya Oblast, 1958,
pp 223-226, 259-264, 289-294.

JPRS 12738

Metallurgy, an Important Link, by
A. Ryasnoy, 7 pp.
RUSSIAN, np, Agitator, No 24, Dec 1961,
pp 10-13.

JPRS 12818

USSR Drug Economy During 1959-1960, by
A. M. Stetsyuk, 5 pp.
RUSSIAN, per, Aptechnoye Delo, Vol X,
No 3, May-June 1961, pp 3-7.

JPRS 12742

Drug Business by the 40th Anniversary
of Soviet Power in Georgia, by
O. A. Nishniyanidze, I. S. Tabagari,
4 pp.
RUSSIAN, per, Aptechnoye Delo, Vol X,
No 3, May-June 1961, pp 9-13.

JPRS 12742

Transistorization of Railway Communica-
tions Equipment, by I. Z. Skrypin, 7 pp.
RUSSIAN, per, Avtomatika, Telemekhanika,
i Svyazi, No 11, 1961, pp 19-21.

JPRS 12775

Soviet Report on US Railroad Signaling
and Communications, by B. S. Ryazantsev,
61 pp.
RUSSIAN, per, Avtomatika, Telemekhanika i
Svyazi, Nos 11/12, pp 42-47; 37-43.

JPRS 12761

USSR
Economic (Contd)

Selected Articles From Russian Periodical
"Avtomobil'nyye Dorogi".

- No 10, 1960, pp 1-3. JPRS 12481
Greater Possibilities for Improving
Road Network of the Russian Federation,
by A. A. Nikolayev, 9 pp.
- No 11, 1960, pp 2, 3. JPRS 12895
To Intensify Efforts for the Timely
Completion of the Highway Seven Year
Plan, by F. V. Kalabukhov, 8 pp.
- No 3, 1961, pp 7, 8. JPRS 12413
Reducing the Cost of Road Work, by
G. I. Ponomarenko, P. A. Nemirovskiy,
6 pp.
- No 9, 1961, pp 2-4. JPRS 12643
Raise the Technical Level of Repair
and Maintenance of Roads of Republic
and Local Importance, by
V. A. Stankevich, 7 pp.
- No 10, 1961, pp 19, 20. JPRS 12644
Decrease in Overhead Expenses--A Means
Toward Reducing Construction Costs, by
V. I. Rybinkov, 5 pp.
- Major Overhaul of Mass-Produced Vehicles
by the Pool Method, by T. Grozovskiy,
4 pp.
RUSSIAN, per, Avtomobil'nyy Transport,
No 5, 1960, pp 24, 25. ACSI I-0904
ID 2191522
- A New Stage in the Development of Motor
Transport, by I. Verkhovskiy, 8 pp.
RUSSIAN, per, Avtomobil'nyy Transport,
No 11, 1961, pp 3-5. JPRS 12701
- The Comprehensive Development of the
Offshore Petroleum Deposits in the
Azerbaydzhan SSR, 3 pp.
RUSSIAN, per, Azerbaydzhanskoye Neft
Khoz, Vol V, 1961, pp 1, 2. JPRS 12892

USSR

Economics (Contd)

Recent Strike History in Pakistan
(Working Pakistan Struggles On), by
T. Ruziyev, 5 pp.
RUSSIAN, per, Aziya i Afrika Segodnya,
No 8, 1961, pp 14, 15.

JPRS 12978

About Trade Unions in Lebanon, by
V. Rumyantsev, 4 pp.
RUSSIAN, per, Aziya i Afrika Segodnya,
No 11, 1961, pp 22, 23.

JPRS 12983

Selected Articles From Russian Periodical
Bezopasnost' Truda v Promyshlennosti,
No 12, 1961.

JPRS 12893

Safety Problems in Planning Chemical
Plants, by B. L. Kaner, 3 pp, (pp 1, 2).

Safety Problems in the Production of
Acetylene From Natural Gas, by
I. S. Rosen, 6 pp, (pp 18, 19).

Safety Explosives Used in Coal Mines
in Rumania, 3 pp, (p 36).

All-Union Conference on the Use of
Radioactive Isotopes, in the Coal
and Ore Mining Industries, by
G. I. Kapelyushnikov, 4 pp, (pp 38, 39).

The Centralization of Metalworking Equip-
ment Repair, by K. Kuznetsova, A. Frolov,
8 pp.
RUSSIAN, per, Byul Nauch Informatsii,
Trud i Zarabotnaya Plata, No 10, 1961,
pp 3-8.

JPRS 12447

Automation and Mechanization of Agri-
cultural Machine Building, by
B. S. Bayburov, 11 pp.
RUSSIAN, per, Byul Tekh Ekon Informatsii,
No 10, 1961, pp 62-67.

JPRS 12532

USSR
Economic (Contd)

Selected Articles From the Russian
Newspaper Ekonomika.

25 Sep 1961. JPRS 12489
An Economic Survey of Railroad
Transport, 5 pp.

Oct 1961. JPRS 12802
Consumption Norms for Manufacturing
Goods, by V. Sinyutin, 4 pp, (p 17).

Study Consumer Demand, by P. Maslov,
7 pp, (pp 18, 19).

No 11, 16 Oct 1961. JPRS 12836
The Science of Economics Must Become
an Exact Science, by V. Nemchinov,
6 pp, (pp 18-20).

Greater Conformity Between Economic
Requirements and Organization, by
A. Pashkov, 5 pp, (pp 20, 21).

Developing the Balance Sheet Method,
by G. Kosyachenko, 4 pp, (pp 22).

Drawing Creatively General Conclusions
From New Phenomena, by L. Vaag, 5 pp,
(p 28).

New Conditions -- New Problems, by
Sh. Turetskiy, 4 pp, (p 29).

Economic Science and Mathematics, by
A. Berg, 5 pp, (p 31).

23 Oct 1961. JPRS 12681
Early Mastery of Rated Capacity at the
Stalinogorsk Chemical Combine, by
S. Sadovskiy, 5 pp.

USSR
Economic (Contd)

Selected Articles From the Russian
Newspaper Ekonomika. (Contd)

30 Oct 1961.

Soligorsk Potassium Combine, by
Ya. Glezer, 5 pp, (p 35).

JPRS 12681

Technology of Leningrad Kirov Tractor
Plant, by I. Isayev, 4 pp, (p 79).

JPRS 12532

13 Nov 1961, p 17.

Prospects for the Development of the
Bearing Industry in the USSR, by
A. Sprishevskiy, 7 pp.

JPRS 12447

No 17, 27 Nov 1961, pp 13, 14.

Expedite Progress in the Cement
Industry, by A. Yevdokimenko, 5 pp.

JPRS 12673

No 19, 11 Dec 1961, p 13.

New Cementless Building Materials,
by I. Gvozdev, 5 pp.

JPRS 12673

No 20, 18 Dec 1961.

Coordination of Scientific Research --
A State Task, by K. Rudnev, 26 pp.

JPRS 12635

Suggestions, Comments, and Replies
Concerning the Development of the
Cement Industry, 4 pp, (pp 19-23).

JPRS 12673

Technical Progress in the Cement
Industry, 7 pp, (pp 19-23).

JPRS 12673

More Information on Oxygen Converters,
by K. Chirkov. (DC-6708), (p 33).

*JPRS

1 Jan 1962.

The Scientific Basis of Metallurgy,
by Yu. Grdina, 6 pp, (pp 11, 12).

JPRS 13018

15 Jan 1962.

Establish More Quickly the New Ore
Base for the Metallurgy of the Urals,
by P. Kazakov, 8 pp.

JPRS 13018

USSR
Economic (Contd)

Selected Articles From the Russian
Newspaper Ekonomika. (Contd)

No 4 (25), 22 Jan 1962, pp 18-20.
(DC-6694).

*JPRS

The Close Connection Between Science
and Practice, by K. Plotnikov.

Potential Sources of Reduced Production
Cost of Iron and Steel at Enterprises
of the Stalinskiy Sovnarkhoz, 11 pp.
RUSSIAN, per, Ekonomika, No 5, Sep/Oct 1961, pp 99-102.

JPRS 12429

Selected Articles From the Russian
Periodical Finansy SSSR.

No 2, 1961, (pp 29-34).
Better Utilization of Resources
Allocated for Road Work, by
A. Birkin, 8 pp.

JPRS 12896

No 8, 1961, pp 35-69.
Strict Control of the Construction
of Mineral-Fertilizer Plants, by
A. Poperechnyy, Ye. Korobkova, 9 pp.

JPRS 12681

No 12, 1961, pp 16-26. (DC-6691).
Soviet Internal Petroleum Prices,
by G. Kochyachenko.

*JPRS

Better Economy Needed in Civil Air
Fleet, by G. Schetchikov, 4 pp.
RUSSIAN, per, Grazhdanskaya Aviatsiya,
No 9, Sep 61, pp 2, 3.

JPRS 12489

USSR
Economic (Contd)

Selected Articles From the Russian
Newspaper Gudok.

28 Sep 1961. Transport and the Broad Development of Large Economic Regions, by N. Kazanskiy, 4 pp.	JPRS 12489
5 Oct 1961. Transport Connections in Kazakhstan, by I. Zadorozhnyy, 4 pp.	JPRS 12684
11 Oct 1961. The Electrification of the Moscow-- Bayakal Railroad Lines is Completed, by P. Huratov, 7 pp.	JPRS 12684
12 Oct 1961. The Transport Arteries of the North Urals, by V. Yegorov, 4 pp.	JPRS 12684
14 Nov 1961. Railroad Expansion in the Votkinsk Area, by L. Georgiyev, 3 pp.	JPRS 12684

Selected Articles From the Russian
Newspaper Izvestiya.

18 Nov 1961. Delays in Building a New Synthetic Rubber Plant, by N. Koshelev, 5 pp.	JPRS 12817
28 Dec 1961. Utilize the Potential for Increasing Steel Output, by S. Sharadzenidze, 3 pp.	JPRS 12818
29 Dec 1961. Ore Concentration in the Krivoy Rog Basin, by V. Oleynikov, 4 pp.	JPRS 12818

USSR
Economic (Contd)

Main Trends in the Development of
Technology and Production Methods
of the Textile Industry in the Present
Seven Year Plan, by P. V. Belyshev,
7 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved,
Tekh Tekstil' Prom, No 1 (14), 1961,
pp 3-8.

JPRS 12899

Increasing Labor Productivity - the
Most Important Task of Our Times -
as Applied to Chemical Machine
Building, 6 pp.

RUSSIAN, per, Khim Mash, No 6,
Nov/Dec 1961, pp 1-3.

JPRS 12729

New Compressors From the "Borets"
Plant, by S. M. Sokolovskiy, 4 pp.

RUSSIAN, per, Khim Mash, No 6,
Nov/Dec 1961, pp 7-10.

JPRS 12729

Report of a Meeting of Workers of the
Plastics Industry.

RUSSIAN, per, Khim Prom, No 4, 1959,
pp 88, 89.

NLL M. 3036

Selected Articles From the Russian
Periodical Khim i Tekh Topliva i Masel.

No 12, 1959, pp 60-63.

NLL M. 3004

The Role of the Petrochemical
Industry in Chemical Production
in the USA, by Z. V. Kir'yanova,
A. D. Rabinovich.

No 1, 1962, (SF-2193).

*JPRS

Oil Reprocessing Industry, (pp 1-4).

Oil Reprocessing and Chemical
Industries, by R. G. Ismailov,
(pp 4-8).

USSR
Economic (Contd)

Selected Articles From the Russian
Newspaper Kommunist.

No 15, Oct 1961, pp 81, 82. Establishing the Country's Fourth Metallurgical Base, by S. Kolmakov, 3 pp.	JPRS 13018
16 Nov 1961. The Yerevan' Synthetic Rubber Plant and Its Prospects, by N. Babayan, 3 pp.	JPRS 12817
No 1, 1962, pp 3-10. Fundamental Questions in the Development of Agriculture, 12 pp.	JPRS 12844
Problems in the Application of Plastics, by N. Kozlov, 4 pp. RUSSIAN, np, <u>Leningradskaya Pravda</u> , 30 Nov 1961.	JPRS 12817
Shortcomings in Organizing Series Production at Yegor'yevsk Machine Tool Building Plant, by A. Rybkin, 3 pp. RUSSIAN, np, <u>Leninskoye Znamya</u> , 28 Sep 1961.	JPRS 12746
Shortcomings of Production Equipment, by V. L. Mikhaylov, 6 pp. RUSSIAN, per, <u>Mashinostroitel'</u> , Dec 61, p 33.	JPRS 12532

USSR
Economic (Contd)

Selected Articles From the Russian
Periodical Mekh i Avtomat Proiz.

No 3, 1960, pp 39-44.

JPRS 12476

Mechanization of Transport Operations
at Enterprises of the Textile Industry,
by F. S. Kupriyanov, F. F. Martynkin,
17 pp.

No 8, 1960, pp 4, 5.

JPRS 12475

Greater Attention (Must Be Devoted) To
Technical Progress in the Textile
Industry, by V. A. Samarin, 5 pp.

No 9, 1961, pp 15-18.

JPRS 12681

Automation in the Chemical Industry,
by L. A. Kostandov, 12 pp.

Type Classification of Electrothermic
Equipment for the Heat Treatment of
Metals, by M. A. Shevtsov,
A. P. Al'tgauzen, (DC-6678).
RUSSIAN, per, Metallov i Term Obra
Metallov, No 12, 1961, pp 2-13.

*JPRS

In Institute of World Economics and
International Relations of Academy
of Sciences USSR, by K. Popov, (SF-2188).
RUSSIAN, per, Mirovaya Ekon i Mez
Otnosheniya, No 3, 1961, pp 151-153.

*JPRS

Selected Articles From the Russian
Periodical Morskoy Flot.

JPRS 12489

No 9, 1961, pp 28, 29.

New Dry Freight Motorship, by
I. Tyutin, 5 pp.

No 10, 1961.

We Will Answer the Party's Call by
New Labor Successes, by
V. Bakayev, 13 pp, (pp 1-7).

USSR

Economic (Contd)

Selected Articles From the Russian
Periodical Morskoy Flot. (Contd)

JPRS 12489

No 10, 1961.

Baltic Sailors Between Congresses,
by D. Zotov, 5 pp, (pp 8, 9).

Far East Steamship Company's
Progressive Collectives, by
D. Belykh, 6 pp, (pp 10-12).

Northern Sea Route to Become Mass
Haulage Line, by Ye. Tolstikov,
7 pp, (pp 13-15).

Science -- Serving Marine Transport,
by P. Strumpe, 10 pp, (pp 16-19).

Scientific Research and Design in
the Shore Establishment, by
D. Shapirovskiy, 8 pp, (pp 20-22).

The Scientific-Technical Society
of Water Transport, by V. Dubchak,
7 pp, (pp 23, 24).

Modern Technology for Soviet Ports,
by K. Kondrat'yev, 3 pp, (pp 25, 26).

Problems of Improving the Technical
Characteristics of Machinery, by
A. Vladziyevskiy, 5 pp.
RUSSIAN, np, Moskovskaya Pravda,
1 Oct 1961.

JPRS 12746

USSR
Economic (Contd)

Selected Articles From the Russian
Periodical Myasnaya Industriya SSSR.

JPRS 12802

No 5, 1961.
The Seven-Year Plan for the Meat
Industry, 8 pp, (pp 4-7).

Coordination of Scientific Research
Work in the Meatpacking Industry,
by V. Gorbator, 4 pp, (pp 43-45).

No 11, 1961, pp 5-12.
Consumption and Trade in the Next
Twenty Years, by R. Lokshin, 10 pp.

Selected Articles From the Russian
Periodical Narod Khoz Kazakh.

No 5, 1961.
Production Reserves -- For an Early
Fulfillment of the Seven Year Plan,
by K. Simakov, 17 pp, (pp 9-15).

JPRS 12745

Dzhezkazgan Industrial Region and
the Prospects for Its Development,
by N. Antomenko, 14 pp, (pp 78-83).

No 6, 1961.
Great Transformations, 19 pp,
(pp 3-8).

JPRS 12745

Progress in Kazakhstan in 1959-1960,
by G. Kozlov, 19 pp, (pp 9-16).

Training of Specialists for the
Industry of Kazakhstan, by
Kh. Sarsanov, 11 pp, (pp 28-32).

On Results of Developing the Mostovich
Method at the Dzhezkazgan Combine,
by A. Vikhirev, 6 pp, (pp 56-58).

USSR
Economic (Contd)

Selected Articles From the Russian
Periodical Narod Khoz Kazakh. (Contd)

No 8, 1961.

JPRS 12606

Resources Used in the Expansion of
Nonferrous Metallurgy in Kazakhstan,
by S. Khakhlachev, Sh. Aliyev, 3 pp,
(pp 32, 33).

Accelerating the Construction of an
Aluminum Plant, by A. Panichev, 7 pp,
(pp 36-40).

No 10, 1961.

Mineral Raw Materials in the Service
of the National Economy, by
Ye. Nemov, 9 pp, (pp 43-48).

JPRS 12606

Problems of the Kazakhstan Capacitor
Industry, by F. Stolbov, 4 pp,
(pp 54-56).

JPRS 12775

No 11, 1961.

JPRS 12914

Stone Casting -- Promising Highly
Economic Material, by V. Churbanov,
4 pp.

Sovmarkhoz and the Introduction of
the New Technology, by G. Davydov,
6 pp.

Selected Articles From the Russian
Periodical Narod Khoz Uzbek.

No 10, 1961.

Principal Trends of Development of
the Construction Industry and the
Building Materials Industry, by
D. Yun, I. Borovkov, 3 pp, (pp 26-31).

JPRS 12673

Accelerating the Start up of Chemical
Enterprises in the Uzbek Republic,
by G. Davydov, 7 pp, (pp 31-35).

JPRS 12730

No 11, 1961, pp 32-39.

JPRS 12730

Problems of the Development of the
Chemical Industry in the Uzbek
Republic, by Ya. Aliyev, N. Bazileva,
11 pp.

USSR
Economic (Contd)

The State Scientific Research Institute
of Rare Elements, by I. Ya. Bashilov,
9 pp.

RUSSIAN, per, Nauchno Issledovatel'skiye
Instituty Tyazheloy Promyshlennosti,
1935, pp 459-464.

JPRS 12947

The Utilization of Fuel in Metallurgy,
by Z. F. Chukhanov, 3 pp.

RUSSIAN, per, Ogonek, No 51, Dec 1961,
p 17.

JPRS 13018

Selected Articles From the Russian
Periodical Plan Khoz.

No 1, 1962, pp 38-47, (DC-6651).
Ways to Improve Material-Technical
Supply, by P. Furduev, I. Burshteyn.

*JPRS

No 2, 1962, (DC-6720).
Ways to Increase the Production of
Steel to 250 Million Tons per Year,
by A. Leskov, (pp 17-27).

*JPRS

Replacement of Metallurgical Reserves,
by L. Zusman, (pp 28-37).

Why Specialization in the Foundry Industry
Is Slowed Down, by V. Parfenov, 4 pp.
RUSSIAN, np, Pravda, 29 Dec 1961.

JPRS 12818

In Support of the Unification of Rail-
road Transport, by Ya. Krivenko, 3 pp.
RUSSIAN, np, Pravda Ukrainy, 16 Sep 1961.

JPRS 12489

Automating of Khar'kov Air Conditioner
Plant, by P. Kucherov, Ye. Grinev,
M. Panov, 4 pp.
RUSSIAN, np, Pravda Ukrainy, 4 Dec 1961.

JPRS 12913

Output of Cotton-Picking Machines
Disrupted by Uzbek Tractor-Assembly
Plant, 4 pp.
RUSSIAN, np, Pravda Vostoka, 4 Oct 1961.

JPRS 12532

USSR
Economic (Contd)

1957 All-Union Industrial Exhibition;
Exhibits of the "Machine Tool Building"
Pavilion, (DC-6702).

RUSSIAN, np, From Ekon Gazeta, 12 Jun 1957,
p 1.

*JPRS

Selected Articles From the Periodical
Prom Stroitel, No 9, 1961.

JPRS 12604

The Contributions of Builders of
Luganskiy Economic Region to the
Creation of the Material and
Technical Basis for Communism, by
N. M. Khudosovtsev, 7 pp, (pp 10-15).

The Contributions of Builders of
Zaporozhskiy Economic Region to
the Creation of the Material and
Technical Basis for Communism, by
G. I. Ivanovskiy, 12 pp, (pp 15-21).

The Contributions of Builders of
Sverdlovskiy Economic Region to the
Creation of the Material and Technical
Basis for Communism, by
M. A. Shil'dkrot, 8 pp, (pp 21-24).

The Contributions of Builders of
Dnepropetrovskiy Economic Region
to the Creation of the Material
and Technical Basis for Communism,
by A. I. Slivinskiy, 5 pp,
(pp 25-28).

The Contributions of Builders and
Altayskiy Economic Region to the
Creation of the Material and
Technical Basis for Communism,
by A. Kashuba, 6 pp, (pp 28, 29).

USSR
Economic (Contd)

Selected Articles From the Russian
Periodical Rechnoy Transport.

JPRS 12489

No 8, 1961.

For Further Rises in the Level of
Cargo and Commercial Work, by
G. Mayorskiy, 6 pp, (pp 8, 9).

Improving Transport Exploitation
and Operations on Minor Rivers, by
A. Barakin, 5 pp, (pp 12, 13).

Development of Haulage on the
Ukraine's Minor Rivers, by I. Kotik,
3 pp, (pp 13, 14).

No 9, 1961, p 48.

In the Collegium of the Ministry of
the River Fleet, 3 pp.

Selected Articles From the Russian
Periodical Rybnoye Khoz.

JPRS 12489

No 7, 1961.

Floating Fish-Cannery Plant "Andrey
Zakharov," by S. S. Vershinin,
5 pp, (pp 17-22).

No 8, 1961.

Refrigerator Ship "Bratsk", by
S. Ya. Mekenitskiy. 6 pp, (pp 28-32).

New Refrigerator Vessel, by
S. S. Vershinin, 5 pp, (pp 33-38).

The Northwestern Main Design Bureau of
Agricultural Machines, by V. Ye. Shtrom,
8 pp.

RUSSIAN, per, Sel'skoye Khoz Severo-
Zapadnoy Zony, No 10, 1961, pp 69-72.

JPRS 12532

USSR
Economic (Contd)

- Chemical Industry in Belorussia, by
A. Tikhonov, 7 pp.
RUSSIAN, np, Sovet Belorussiya,
22 Nov 1961. JPRS 12817
- Production and Technology of "Rigasel'mash"
Plant, by N. Borak, 4 pp.
RUSSIAN, np, Sovet Latviya, 19 Sept 1961. JPRS 12532
- Lagging Construction of the Kedaynyay
Chemical Combine, by V. Naumenko, 3 pp.
RUSSIAN, np, Sovet Litva, 13 Oct 1961. JPRS 12681
- Problems in the Procurement of Automated
Production Lines for the First State
Bearing Plant, by A. Derbisher, 6 pp.
RUSSIAN, np, Sovet Rossiya, 26 Aug 1961. JPRS 12746
- Selected Articles From the Russian
Periodical Sovet Torgovlya, No 11, 1961. JPRS 12802
- Rational Consumption Norms, by
B. Smirnov, 6 pp, (pp 13-16).
- Improve Work on Prices, by A. Odintsova,
6 pp, (pp 17-21).
- The Differentiated Balance as the
Basis for Planning the Structure
of Commodity Turnover, by
N. Rimashevskaya, 7 pp, (pp 21-25).
- Establishment of Uniform Requirements
for High Manganese Steel G131, by
Ya. D. Khorin, 10 pp.
RUSSIAN, per, Standartizatsiya,
Oct 1961, pp 17-19. JPRS 12429
- New Categories of Ferrous Metallurgy
Products, by A. D. Smolyarenko,
A. S. Kaplan, 17 pp.
RUSSIAN, per, Standartizatsiya, Oct 1961,
pp 46-51. JPRS 12429

USSR
Economic (Contd)

Conference on the Problems of Reliability
and Durability of Machinery, Moscow,
20 Dec 1960, by K. P. Chudakov, 4 pp.
RUSSIAN, per, Stroitel i Dorozhnyye
Mashiny, Mar 1961, pp 37, 38.

JPRS 12604

Selected Articles From the Russian
Newspaper Stroitel Gazeta.

27 Oct 1961.

JPRS 12817

The Construction of Chemical Plants
in Armenia, by I. Svirin, 4 pp.

3 Nov 1961.

JPRS 12681

New-Design Chemical Plant, by
Ye. Illenko, 6 pp.

20 Dec 1961.

JPRS 12673

Produce More Cement, 3 pp.

A Vigorous Construction Industry for
Tselinnyy Kray, by G. A. Shirayev,
8 pp.

RUSSIAN, per, Stroitel' Materialy,
No 11, 1961, pp 6-9.

JPRS 12673

Selected Articles From the Russian
Periodical Sudostroyeniye.

No 1, 1961, pp 77-79.

JPRS 12927

Activity of the Scientific and
Technical Society of the Ship-
building Industry, 7 pp.

No 2, 1961, pp 72-82.

JPRS 12927

Activity of the Scientific and
Technical Society of the Ship-
building Industry, 9 pp.

No 3, 1961, pp 73-75.

JPRS 12927

Activity of the Scientific and
Technical Society of the Ship-
building Industry, 9 pp.

USSR
Economic (Contd)

Selected Articles From the Russian
Periodical Sudostroyeniye. (Contd)

No 4, 1961, pp 80-83. JPRS 12927
Activity of the Scientific and
Technical Society of the Shipbuilding
Industry, 11 pp.

No 5, 1961, pp 71-75. JPRS 12927
Activity of the Scientific and
Technical Society of the Shipbuilding
Industry, 14 pp.

No 6, 1961. JPRS 12927
Scientific and Technical Conference
on Combined Internal Combustion
Engines, by I. A. Zaytsev, 5 pp,
(pp 80-82).

Activity of the Scientific and
Technical Society of the Shipbuilding
Industry, 4 pp, (p 83).

No 7, 1961.
Tourist Vessels for the Danube, by
A. V. Makarov, G. I. Maksimov, 12 pp,
(pp 1-3). JPRS 12489

Ship to Haul Bananas, by V. P. Gadimovich,
3 pp, (pp 7-10). JPRS 12489

Activity of the Scientific and
Technical Society of the Shipbuilding
Industry, 4 pp, (p 79). JPRS 12927

No 8, 1961. JPRS 12927
An Industry-Wide Conference on the
Exchange of Scientific and Technical
Experience in Shipbuilding, 5 pp, (pp 74-.)

Activity of the Scientific and Technical
Society of the Shipbuilding Industry,
23 pp, (pp 75-82).

USSR
Economic (Contd)

Selected Articles From the Russian
Periodical Sudostroyeniye. (Contd)

No 9, 1961.

Fish-Canning Floating Plant-Base
"Andrey Zakharov" by
V. Ya. Yanovskiy, V. A. Zavarin,
11 pp, (pp 1-4, 6-8, 10).

JPRS 12489

Fish Cannery Plant-Base "Andrey
Zakharov" Makes Leningrad-
Vladivostok Voyage, by
V. Ya. Yanovskiy, 6 pp, (pp 10-12).

JPRS 12489

The New Ships of the Seven-Year
Plan, 6 pp, (pp 74-76).

JPRS 12972

Conference on Operational Experience
With New Ships, 4 pp, (pp 75, 76).

JPRS 12489

Activity of the Scientific and
Technical Society of the Ship-
building Industry, 5 pp, (pp 76, 77).

JPRS 12927

Conference on the Mechanization of
Shipbuilding and Ship Repairs, 6 pp,
(pp 82-84).

JPRS 12927

No 10, 1961.

JPRS 12600

Creative Activity of the Scientists
of the Leningrad Shipbuilding
Institute, by A. A. Moiseyev, 3 pp,
(pp 3, 4).

Work of the Scientific-Technical
Society of the Shipbuilding Industry,
6 pp, (pp 76-78).

Soviet Land Reclamation Machines, 3 pp.
RUSSIAN, per, Tekhnika v Sel'skom
Khozyaystve, No 8, 1961, pp 44-46.

JPRS 12532

USSR
Economic (Contd)

Soviet Agricultural Equipment at the
Exhibition of Achievements of USSR
National Economy, by S. Shalygiv, 6 pp.
RUSSIAN, per, Tekh v Sel'skom Khoz,
No 8, 1961, pp 60-63.

JPRS 12532

Selected Articles From the Russian
Periodical Tekstil Prom.

No 6, 1959, pp 1-4, (DC-6693).
Full Use of New System of Government.

*JPRS

No 4, 1960, pp 9-12, (DC-6692).
Principles for Reforming the Wages
of Engineering and Technical Personnel
and Employees, by N. I. Senchenkova.

*JPRS

No 11, 1960, pp 1-3, (SF-2191).
A Very Important Condition for the
Further Development of the Textile
and Knit Wear Industry.

*JPRS

No 12, 1960, (DC-6695).
We Will Transform the Resolutions of
the 22d Session of the CPSU Into
Life, (pp 1-4).

*JPRS

New Norms for Amortizing the Fixed
Assets of the Textile Industry, by
V. V. Fedorov, (pp 5-8).

No 6, 1961, pp 8-14, (SF-2192).
Scientific Research in the Silk
Industry and Methods of Servicing
Automatic Looms at the Plant imeni
Frunze, by S. A. Pavlov, L. Ya. Chertkov.

*JPRS

No 7, 1961, pp 2-4, (SF-2190).
More New Machines for the Textile
Industry.

*JPRS

USSR
Economic (Contd)

USSR Peat Industry. (DC-6684)
RUSSIAN, per, Torf Prom, 1958-1961.

*JPRS

Expanded Chemical Industry for the
Kuban' Area, by N. Baybakov, 4 pp.
RUSSIAN, np, Trud, 12 Oct 1961.

JPRS 12681

The Need to Change the Current Prices
of Cement, by A. I. Lyusov, 7 pp.
RUSSIAN, per, Tsement, No 6, Nov/Dec 1961,
pp 17-19.

JPRS 12673

The Economic Assessment of Coal Losses,
by A. V. Vol'keyanu, P. Z. Zviyagin.
RUSSIAN, per, Ugol', 1957, No 6, pp 8-13.

NLL M. 3269

Use of Radioactive Rays in the Production
of Steel, 5 pp.
RUSSIAN, np, Vechernaya Moskva,
18 Sep 1961.

JPRS 12429

Civil Air in the USSR.
RUSSIAN, per, Vedomosti Verkhovnogo
Soveta SSSR, No 52 (1087), 29 Dec 1961,
25 pp.

AF 1490869

The Wage Level of Sovkhoz Workers and
the Factors of Its Growth, by
V. M. Rabinovich, 31 pp.
RUSSIAN, per, Vest Mosk Univ, No 2,
1957, pp 3-20.

JPRS 13026

The Ukrainian Academy of Agricultural
Sciences at the Period Between Two
Congresses of the CPSU, by
P. A. Vlasyuk, 10 pp.
RUSSIAN, per, Vest Sel'skokhoz Nauk,
Vol VI, No 10, 1961, pp 9-17.

JPRS 12887

USSR
Economic (Contd)

Selected Articles From the Russian
Newspaper Vodnyy Transport.

27 May 1961. To Raise Efficiency of Technical Fleet Operation, by A. Videtskiy, 4 pp.	JPRS 12684
5 Sep 1961. Yenisey River -- Past and Present, by I. Nazarov, 4 pp.	JPRS 12684
14 Sep 1961. Against Frills in Shipbuilding, by N. Lyubavin, M. Santsevich, 3 pp.	JPRS 12489
23 Sep 1961. Boom in Yakutiya, by A. Lelikov, 4 pp.	JPRS 12489
3 Oct 1961. Transformation of Arctic Navigation, by P. Gordiyenko, 4 pp.	JPRS 12684

Emergency Water Reserve for Fire
Fighting Purposes.
RUSSIAN, per, Vodosnabzheniye i San
Tekh, No 12, 1959, p 34.

NLL M. 2986

Selected Articles From the Russian
Periodical Voprosy Ekon.

No 1, 1961, pp 154-156. The Leningrad Finance Economics Institute, by N. Sudderevskiy, 4 pp.	JPRS 12539
No 7, 1961, pp 152-158. Coordination of Research on Economic Problems, by N. Linkun, A. Sokolovskiy, 29 pp.	JPRS 12437
No 9, 1961, pp 18-22. Automation and Technical Progress, by K. Klimenko, 8 pp.	JPRS 12746

USSR
Economic (Contd)

Developments at Transcaucasus Metallurgical Plant imeni I. V. Stalin, by C. Sharadzenidze, 8 pp.
RUSSIAN, np, Zarya Vostoka, 15 Sep 1961.

JPRS 12429

Selected Articles From the Russian Periodical Zheleznodorzhnyy Transport.

JPRS 12489

No 8, 1961, pp 8-13.
Improving the Utilization of Locomotives on Extended Operating Sections, by P. G. Muratov, 11 pp.

No 9, 1961.
Ways of Improving Trunk-Line Electric Locomotives, by A. L. Kurochka, 10 pp, (pp 14-19).

Broad Use of Six-Axle Gondola Cars, by N. A. Mordvinkin, 12 pp, (pp 43-48).

No 10, 1961, pp 3-11.
The Steady Progress of Railroad Transport, by F. P. Mulyukin, 19 pp.

Recent Development of Fishery in the Soviet Far East, 4 pp.
JAPANESE, rpt, Aug 1961, Encl to 0213/62. 9664277

500th INTC Gp

Soviet Technical Development in Iron and Steel Industry From 1959-1965, 17 pp.
JAPANESE, per, Nikkan Kogyo Shimbun, 1962, pp 16-24.

500th INTC Gp
Tr No 105734

Present and Future of the Soviet Petroleum Offensive as Viewed From Its Reserves, by Hayakawa Tetsuo, 3 pp.
JAPANESE, per, Tairiku Mondai, 11 Oct 1961, Rpt No 1064/61. 9672499

500th INTC Gp
Tr No 104776

USSR
Economic (Contd)

Tukums, (DC-6712).
LATVIAN, bk, Tukums, Turistu Celvedis,
1959, pp 3, 32-35, 86, 87, 105, 108.

*JPRS

Chernovitskaya Oblast, by V. V. Onykiyenko,
(NY-7015).
UKRAINIAN, bk, Chernivets'ka Oblast',
1960, pp 54-56, 77-79.

*JPRS

Poltavskaya Oblast, by M. F. Kolomiyets',
(DC-6711).
UKRAINIAN, bk, Poltavs'ka Oblast', 1959,
pp 31-37, 74-86.

*JPRS

Industry of Poltavskaya Oblast, by
O. M. Iaponchov, O. D. Kachanov,
(SF-2196).
UKRAINIAN, bk, Poltavs'ka Oblast',
1959, pp 80-87.

*JPRS

USSR
Political

The Soviet Electoral System, by
A. Gorshenev, I. Chelyapov, 104 pp.
RUSSIAN, pamphlet, Sovetskaya
Izbiratel'naya Sistema, 1959, pp 1-64.

JPRS 12931

Selected Articles From the Russian
Newspaper Izvestiya.

4 Feb 1962, p 4.
Soviet Report on West Berlin: Illusion
and Reality, by N. Polyakov, 4 pp.

JPRS 12942

11 Feb 1962, (DC-6659).
Whose Intentions Are Not Clear, by
N. Polyakov.

*JPRS

14 Feb 1962, (DC-6659).
Fraternal Union.

*JPRS

Selected Articles From the Russian
Periodical Kommunist.

No 16, 1961.
Towards New Victories of Communist,
19 pp, (pp 117-129).

JPRS 12142

Two Contrasting Systems: Soviet
Democracy and Bourgeois Dictatorship,
by Maurice Thorez, 5 pp, (pp 137-141).

No 17, Nov 1961, (SF-1875).
The Scientific Bases for the Building
of the Economy of Communism, by
L. Gatovskiy, (pp 10-23).

*JPRS

The "Capital" of K. Marx and Modern
Capitalism, by Ye. Varga, (pp 24-37).

Concerning the International and
National in Art, by A. Yegorov,
(pp 61-72).

The Problem of the Economic Training
of Cadres, by O. Kozlova, (pp 83-90).

USSR
Political (Contd)

Selected Articles From the Russian
Periodical Kommunist. (Contd)

No 18, Dec 1961.

JPRS 12527

The Creative Development of Marxism-Leninism and the Construction, of Communism, 12 pp, (pp 9-16).

The Party and the Construction of Communism, by S. Mezentsev, F. Petrenko, G. Shitarev, 19 pp, (pp 17-29).

Peaceful Coexistence -- the General Course of Soviet Foreign Policy, by A. Popov, A. Sergeyev, 12 pp, (pp 54-62).

The History of Socialist Moscow, by S. Kukushkin, V. Pimenov, M. Yashin, 6 pp, (pp 116-118).

No 1, 1962.

JPRS 12844

A Powerful Factor in the Building of Communism, by L. Il'ichev, 34 pp, (pp 11-38).

The Program of the CPSU and the Struggle of Peoples for Complete National Liberation, by D. N. Aydit, 6 pp, (pp 92-95).

Economic Independence -- The Next Task of the Liberation Movement in Asia, by R. Ul'yanovskiy, 17 pp, (pp 96-107).

"Life" Spews Out Bile, by B. Bykhovskiy, 10 pp, (pp 108-114).

USSR
Political (Contd)

Selected Articles From the Russian
Periodical Kommunist. (Contd)

No 2, Jan 1962, (SF-1875).

*JPRS

The National-Liberation Movement --
An Integral Part of the World
Revolutionary Process, (pp 15-20).

The CPSU -- The People's Party,
(pp 51-58).

The Higher School -- At a New Stage,
by V. Stoletov, (pp 59-69).

Peaceful Co-existence and Revolution,
by G. Starushenko, (pp 78-89).

Ways and Methods of Imperialist
Propaganda, by V. Yadov, (pp 98-108).

No 3, Feb 1962, (DC-1875).

*JPRS

The Immutable Law of Economic Con-
struction, (pp 6-14).

At the Center of the Party Work --
The Individual, by N. Chudin,
(pp 67-74).

Reliable Facts -- The Basis of
Historical Research, by I. Smirnov,
(pp 75-83).

The Plans of the Enemies of Peace
Are Doomed to Failure, by N. Shishlin,
(pp 107-117).

What Functions Does the SEV [Council
for Economic Mutual Assistance]
Fulfill, by M. Nikolayev, (pp 118-123).

USSR
Political (Contd)

Reflections on the Building of Communism,
by Oleg Pisarzhevskiy, 15 pp.
RUSSIAN, per, Nauka i Zhizn, Vol XXVIII,
No 7, 1961, pp 2-12.

JPRS 12662

The Meeting of the Scientific Council of
the African Institute of the USSR Devoted
to the Problems of the Congo, by
R. Imagilova, 7 pp.
RUSSIAN, per, Sovet Etnografiya, No 3,
May/Jun 1961, pp 93-96.

JPRS 12412

Soviet Ethnography on the Eve of the
22d Congress CPSU, 8 pp.
RUSSIAN, per, Sovet Etnografiya, No 4,
1961, pp 3-8.

JPRS 12408

Soviet Methods Against Finland Unmasked,
by Hans E. Teglert, 11 pp.
DANISH, per, Information, Vol XX, No 28,
2 Feb 1962, pp 1, 8.

JPRS 12903

The USSR After the 22d CPSU Congress, by
Michel Tatu, 5 pp.
FRENCH, per, Le Monde, Vol XIX, No 5284,
12 Jan 1962, p 2.

JPRS 12612

The Reorganization of Research in the
USSR and the Program of the Communist
Party, by Francis Cohen, 10 pp.
FRENCH, per, La Nouvelle Critique,
Sep/Oct 1961, pp 101-111.

JPRS 12515

USSR
Military

Bombing, by V. I. Kirillov.
RUSSIAN, bk, Bombometaniye, 1960, 376 pp.

*FTD-TT-62-235

Ship-Borne Air Defense Facilities, by
K. V. Morozov, (SF-2184).
RUSSIAN, bk, Korabel'nyye Sredstva PVO,
1960, pp 3-122.

*JPRS

Marksmanship Manual Infantry Antitank
Launcher RPG-2, by I. K. Vil'chinskiy,
G. M. Shinkarev.
RUSSIAN, rpt, Nastavleniye po Strelkovomu
Delu - Ruchnoy Protivo Tankovyy Granatomet
(RPG-2), 2d Ed, revised, 1961, 96 pp.
Encl No 1 to RV-1150-61, 513th IC Gp.

*319th MI Bn
I-0897
ID 2186709

Selected Articles From the Russian
Newspaper Krasnaya Zvezda.

22 Oct 1957.
A. To Advance Training of Rear Service
Sub-Units, by I. Fedorov, 4 pp.

525th MI Gp
H-4987
ID 2191517

20 Sep 1958.
G. Rear Services Sub-Units on
Tactical Training Exercises, 4 pp.

See Above

7 Apr 1959.
E. New Mess Halls, Dressmaking and
Tailoring Establishments and Sewing
Workshops, 5 pp.

See Above

14 May 1959.
D. For the Further Improvement of
Public Catering in the Army, 5 pp.

See Above

19 May 1959.
B. This Also Is a Combat Problem,
by A. Adramovsky, V. Kuzmich, 5 pp.

See Above

23 May 1959.
F. Readers Express Their Opinion on
Logistic Duties, by P. Karpuhin, 5 pp.

See Above

USSR
Military (Contd)

Selected Articles From the Russian
Newspaper Krasnaya Zvezda. (Contd)

21 Jul 1959. H. An Important and Burning Problem, by I. Kuch, 3 pp.	525th MI Gp H-4987 ID 2191517
24 Jul 1959. O. Where Is the Rear? by Ponomarev, 4 pp.	See Above
25, 26 Jul 1961, (DC-6686). Missile Warheads, by Yu. Vishnyakov, A. Matveyev.	*JPRS
2 Sep 1961, p 4. Political Work in Navy, by Ye. Korovin, 6 pp.	JPRS 12744
6 Sep 1961, p 2. Combat Readiness, by V. Mal'tsev, 3 pp.	JPRS 12744
20 Sep 1961, pp 2, 3. Happiness Through Party Membership, by A. Krysov, 5 pp.	JPRS 12744
No 268, (11568), 14 Nov 1961, 2 pp. 9664299. Be On Guard, by Ye. Ya. Savitsky, 7 pp.	FTD-TT-61-458
No 32, (11637), 7 Feb 1962, p 2. Rockets of the Cruiser "Dzerzhinskiy", by M. Novikov, A. Krysov.	*FTD-TT-62-247
Big Seconds, by N. Denisov. RUSSIAN, per, <u>Kryl'ya Rodiny</u> , Oct 1961, pp 6-8.	*FTD-TT-62-402

USSR
Military (Contd)

Rear Services and Supply of the Soviet
Armed Forces, 117 pp.

RUSSIAN, per, Tyl i Snabzheniye
Sovetskikh Vooruzhennykh Sil,
No 1-12, 1961.

ACSI H-6908-A-L
ID 2166459

Military Background of the Soviet
Union's Arms Cut Suspension and Its
Defense Budget Increase, by
Minai Munenao.

JAPANESE, per, Tairiku Mondai,
Oct 1961, Rpt No 1720/61. 9673467

500th INTC Gp
Tr No 104931

Soviet Fighters, by J. Tyszowski.

POLISH, per, Wojskowy Przegląd
Lotniczy, Nov 1961, pp 40-53.

*FTD-TT-62-398

USSR
Geographic

Transactions of the Expedition.
Third Section. Geography and
Geodesy, by A. Ye. Fersman.
RUSSIAN, rpt, Pamirskaya Ekspeditsiya
1928 G (Pamir Expedition 1928), 1930.

ACIC

Transactions of the Expedition Issue
No I (16). Reports, by D. I. Shcherbakov.
RUSSIAN, rpt, Pamirskaya Ekspeditsiya
1931 G (Pamir Expedition 1931), 1933.

ACIC

The City of Aleksin, by N. Malevanov,
A. Yefimov, 64 pp.
RUSSIAN, per, Aleksin, 1960, pp 2-4,
114-160.

JPRS 12503

Modern Makhachkala, by A. F. Viktorov,
6 pp.
RUSSIAN, per, Dagestanskaya ASSR, 1958,
pp 205-210.

JPRS 12470

Triangulation Points in the Transcaspiian
Region Determined by A. I. Pervas in
1881 and 1882, by A. I. Pervas.
RUSSIAN, per, Iz Kavkaz Otdela
Imperatorskago Russ Geograf Obshch,
Vol VIII, 1884, 1885.

ACIC

Telegraphic Determination of the
Longitudes of Tiflis, Shemakha, and
Baku and New Determination of the
Latitudes of These Points, by
P. Kul'berg.
RUSSIAN, per, Iz Kavkaz Otdela
Imperatorskago Russ Geograf Obshch,
Vol VIII, 1884-1885, pp 285-293.

ACIC

Telegraphic Determination of the
Differences in Longitudes Batum-
Nikolayev, by P. Kul'berg.
RUSSIAN, per, Iz Kavkaz Otdela
Imperatorskago Russ Geograf Obshch,
Vol VIII, 1884-1885, pp 344-346.

ACIC

USSR
Geographic (Contd)

On the Peaks of El'brus, by
G. K. Sulakvelidze, V. P. Lancheva,
17 pp.
RUSSIAN, per, Priroda, No 11, 1961,
pp 72-78.

JPRS 12915

Selected Abstracts From Soviet
Abstracts Journal Geography, 42 pp.
RUSSIAN, per, Referativnyy Zhurnal
Geografiya, No 3, 1961.

JPRS 12055

Selected Abstracts From Soviet
Abstracts Journal Geography, 38 pp.
RUSSIAN, per, Referativnyy Zhurnal,
Geografiya, No 4, 1961.

JPRS 12587

On the New Map Outlining Seismic
Areas in the Territory of USSR, by
G. P. Gorshkov, 5 pp.
RUSSIAN, per, Trudy Geofiz Inst
Sbornik Statey i Dokladov, No 1,
(128), 1948, pp 71-73. 9673492

Navy Tr 2863/Ho 120

Review of Trigonometric Work in
Russia, by F. O. Maksimov.
RUSSIAN, per, Zapiski Imperatorskago
Russkago Geograficheskago Obshchestva,
Vol V, 1851, pp 154-197.

ACIC

USSR
Sociological

Individual Means of Antichemical Defense,
by A. D. Voznesenskiy, 11 pp.
RUSSIAN, rpt, Individual 'Nye Sredstva
Protivokhimicheskoy Zashchity, Encl 1 to
RV-693-61, 513th MI Gp, 1960.

ACSI I-0310
ID 2177948

Establishment of "Health Zones" in the
Baku City Parks and Gardens, by
Prof Sh. M. Gasonov, 6 pp.
RUSSIAN, per, Azerbaydzhan Med Zhur,
No 7, 1961, pp 3-8.

JPRS 12664

Solution of the National Question in the
USSR, by B. Gafurov, (DC-6679).
RUSSIAN, per, Aziya i Afrika Segodnyy,
No 1, 1962, pp 6-9.

*JPRS

Assistance Given by the Institute of
Scientific Research to Public Health
Agencies, by A. G. Shumakov,
V. F. Shpinev, 4 pp.
RUSSIAN, per, Gig i Sani, No 9, 1961.

JPRS 12663

Siberian Academy of Sciences on Problems
in the Communist Education of the Laborer.
RUSSIAN, per, Iz Sibirskogo Otdel Ak Nauk
SSR, No 7, 1961, pp 126-129.

JPRS 12661

Selected Articles From the Russian
Periodical Kommunist.

No 18, Dec 1961.
The Concluding Stage in the Great
Cultural Revolution of the USSR,
by M. Iovchuk, 17 pp, (pp 45-53).

JPRS 12527

The Humanism of Soviet Films, by
G. Kozintsev, 13 pp, (pp 72-80).

Art and the Policy of the Reactionary
Bourgeoisie, by M. Penkin, 14 pp,
(pp 93-102).

USSR
Sociological (Contd)

Selected Articles From the Russian
Periodical Kommunist.

No 18, Dec 1961.
Creating a Valid Textbook on the
History of Lithuania, by V. Pashuto,
R. Sharmaytis, 9 pp, (pp 109-112).

JPRS 12527

No 1, 1962.
On the Path to a Classless Society,
by V. Semenov, 17 pp, (pp 39-50).

JPRS 12844

Concerning One Survival of the Past,
by G. Zimanas, 7 pp, (pp 80-85).

A Modern Ideology of Lutheranism, by
K. Vimmsaare, 12 pp.
RUSSIAN, per, Kommunist Estonii, No 5,
1961, pp 74-83.

JPRS 12525

Initial Experience With Extender-Day
Schools, by P. Simakov, 53 pp.
RUSSIAN, per, Narod Obraz, No 11,
1961, pp 76-86.

JPRS 12494

Selected Articles From Russian
Periodical Sovetskaya Etnografiya.

No 3, May/Jun 1961.
Basic Problems in the Ethnographic
Study of Soviet Peoples', by
V. Yu. Krupyanskaya, L. P. Potapov,
L. N. Terent'yeva, 14 pp, (pp 3-12).

JPRS 12412

The Problem of Comparative Culture
Values and the "Theory of Cultural
Relativism", by S. Artanovskiy,
14 pp, (pp 110-117).

USSR
Sociological (Contd)

Selected Articles From Russian
Periodical Sovetskaya Etnografiya. (Contd)

- No 4, 1961, pp 30-44. JPRS 12408
The Disappearance of Religious
Survivals Among Peoples of the
USSR, by I. A. Kryvelev, 19 pp.
- Vol VI, 1961, (DC-6700). *JPRS
Principle Tasks of Soviet Ethnography
in the Light of Decisions of the 22d
Congress of the CPSU, (pp 3-8).
- Meeting of the Scientific Council
of the African Institute of the
Academy of Sciences USSR, by
A. V. Nikiforov, (pp 124-126).
- On the Further Improvement of the
Work of Correctional-Labor Institutes,
by F. T. Kuznetsov. 9 pp.
RUSSIAN, per, Sovet Gosudarstvo i
Pravo, No 12, 1961, pp 97-101. JPRS 12788
- Concerning the Inter-Relationship of
the Institute With Public Health
Institutions, by K. M. Sherstnev, 4 pp.
RUSSIAN, per, Vrachebnoye Delo, No 8,
1961, pp 107-110. JPRS 12891

EASTERN EUROPE

Economic

Certain Peculiarities in the Development of State Finance Under the New Forms of State and Economic Management, by Stefan Markovich, 13 pp.

BULGARIAN, per, Finansi i Kredit, Vol XII, No 7, 1961, pp 21-30.

JPRS 12446

Report of Finance Ministry Work and on the Execution of the State Budget During the First Half of 1961, by M. Petrov, 6 pp.

BULGARIAN, per, Finansi i Kredit, Vol XII, No 7, 1961, pp 60-62.

JPRS 12446

The Correct Attitude Toward Remuneration for Labor of Cooperative Farmers in Various Branches, by Boris Mladenov, 10 pp.

BULGARIAN, per, Kooperativno Zemedelie, No 7, July 1961, pp 5-8.

JPRS 12707

Monetary Profit Distribution to Bulgarian Agricultural Cooperatives, by Ilja Gencin, 5 pp.

BULGARIAN, per, Naukata i Celnija Opit v Solskoto Stopanstvo, No 5, 1961; Vol III, No 8, 1961, p 256.

JPRS 12707

Eastern Europe
Economic (Contd)

Selected Articles From the Bulgarian
Periodical Planovo Stopanstvo i
Statistika, No 7, 1961.

- Seventeen Years of Social, Political
and Economic Progress, 16 pp. JPRS 12654
- Problems of the Chess Balance of
Price Changes, by Nikola Volchev,
22 pp, (pp 43-58). JPRS 12416
- Ways of Establishing the Correct
Ratio Between the Dynamics of
Labor Productivity and Wages, by
Khristo Krinchev, 19 pp, (pp 59-73). JPRS 12416
- Improved Planning and Volume
Accounting in the Machine Manu-
facturing Industry, by Eliezer
Gershonov, 9 pp, (pp 74-81). JPRS 12654
- The State of Natural Meadows and
Pastures and Measures for Their
Improvement, by Ivan Kalaydzhiev,
3 pp.
BULGARIAN, per, Selskostopanska
Misul, Vol VI, No 7, 1961, pp 385-394. JPRS 12707
- Concerning the Average Duration of
the Working Life, by Ivan Katsarov,
11 pp.
BULGARIAN, per, Trud i Tseni, Vol III,
No 8, 1961, pp 33-. JPRS 12820
- Certain Questions on the Determination
of Factory Prices, by Mikola Velichkov,
15 pp.
BULGARIAN, per, Trud i Tseni, Vol III,
No 8, 1961, pp 42-54. JPRS 12820
- Lowering the Cost of Productivity in
Animal Husbandry, by Hristo Krustanov,
3 pp.
BULGARIAN, per, Zhivotnovudstvo, Vol XV,
No 12, 1961, pp 8-11. JPRS 12707

Eastern Europe
Economic (Contd)

Concerning Work Planning Problems in
People's Committees, by Stanko Brcic,
12 pp.

CROATIAN, per, Bilten Za Pitanja Javne
Uprave i Privrede, Vol IX, No 1,
1961, pp 1-8.

JPRS 12446

Financing Independent Institutions, by
Nikola Maracic, 15 pp.

CROATIAN, per, Bilten Za Pitanja Javne
Uprave i Privrede, Vol IX, No 1, 1961,
pp 8-17.

JPRS 12446

Regions in Foreign Trade, 11 pp.

CROATIAN, np, Ekonomska Politika,
No 497, 499, 7 Oct 1961, p 1254,
14 Oct 1961, p 1281, 21 Oct 1961,
pp 1313, 1314.

JPRS 12483

Selected Articles From the Croatian
Periodical Finansije, Vol XVI, No 7/8,
1961.

Investments as an Instrument of
Economic Analysis and Planning, by
Dragmir Vojnic, 16 pp, (pp 468-480).

JPRS 12446

Taxing the Income of Individual
Agricultural Producer and Craftsmen,
by Marko Djurbabic, 34 pp, (pp 480-501).

JPRS 12446

The Status of Transportation Organiza-
tions in the Yugoslav Economic System,
by Ljubomir Jankovic, 12 pp,
(pp 519-527).

JPRS 12449

Yugoslavia's Foreign Trade and Foreign
Currency Systems, by Branko Trklja,
15 pp.

CROATIAN, per, Narodna Uprava, No 6,
1961, pp 221-230.

JPRS 12843

Eastern Europe
Economic (Contd)

Selected Articles From the Croatian
Periodical Narodni Odbor.

- No 5, 1961, pp 247-251. JPRS 12580
Some Problems Concerning the
Application of the Statute on
Housing Relations, by
Milos Kasapic, 72 pp.
- No 7/8, 1961, pp 409-411. JPRS 12580
Procedure for Issuing Construction
Permits, by Mirko Raonish, 4 pp.
- Vol XIV, No 9, 1961, pp 470-474. JPRS 12353
Basic Provisions of New Legislation
Affecting Public Roads, 10 pp.
- Law Regulating the Use of Piers and
Harbor Facilities, by Dj. Doklestic,
12 pp.
CROATIAN, per, Nova Administracija,
No 6/7, 1961, pp 563-568. JPRS 12353
- Law on Airport-Service Enterprises, by
Dj. Doklestic, 10 pp.
CROATIAN, per, Nova Administracija,
No 6/7, 1961, pp 568-572. JPRS 12353
- Economic Cooperation and Distribution
of Work Between the Countries of East
Europe, by Drago Krndija, 5 pp.
CROATIAN, per, Pregled, No 6, 1961,
pp 605-608. JPRS 12843
- Some Aspects of the Post-War Development
of Yugoslav Industries, by Ervin Salamon,
13 pp.
CROATIAN, per, Produktivnost, No 4, 1961,
pp 264-268. JPRS 12654
- The Law on Ports and Its Application,
by Ivan Tolj, 10 pp.
CROATIAN, per, Pormorstvo, Vol XVI,
No 8/9, 1961, pp 213-215. JPRS 12449

Eastern Europe
Economic (Contd)

On the Law Concerning the Use of Ports
and Harbors, by I. K., 3 pp.
CROATIAN, per, Pomorstvo, Vol XVI,
No 3/9, 1961, p 216.

JPRS 12449

New Customs Systems to Broaden
Yugoslav Participation in International
Trade, by Drazena Tomljanovic, 12 pp.
CROATIAN, per, Pregled, No 4, 1961,
pp 379-392.

JPRS 12655

List of Organizations Working on the
Development of Production and the
Organization of Work in Industry, 8 pp.
CROATIAN, np, Privredni Pregled,
23 Sep 1961, pp 7, 8.

JPRS 12425

Two Theories of Economic Stabilization
to Further the Development and the Role
of Under-Developed Countries of Africa
and Other Regions, 3 pp.
CROATIAN, per, Vesnik Jugoslovenske
Investicne Banke, No 54, 55,
June-July 1961, pp 27, 28.

JPRS 12655

Regulation and Methods of Credit Trans-
actions With Other Countries, by
Momcilo V. Pejovic, 3 pp.
CROATIAN, per, Vesnik Jugoslovenske
Investicne Banke, Aug 1961, No 56,
pp 4, 5.

JPRS 12655

A Czech Exposition of Instruments for
Automation and Electronics, 4 pp.
CZECH, per, Automatica si Electronica
Vol V, No 3, May/Jun 1961, pp 139, 140.

JPRS 12653

Pneumatic Measuring and Control Instruments
Produced in Czechoslovakia, 4 pp.
CZECH, per, Automatica si Electronica,
Vol V, No 3, May/Jun 1961, pp 142-144.

JPRS 12653

Eastern Europe
Economic (Contd)

Selected Articles From the Czech
Periodical Ceskoslovenske Spoje.

Vol VI, No 10, 1961, (pp 8-10).
The State of Telephone Networks in
Prague, by Josef Krizek, 11 pp.

JPRS 12580

Vol VI, No 11, 1961.
Results of the Conference of the
Organization of Socialist Communi-
cations in Warsaw, by
Frantisek Vomastek, Jiri Moravec,
Miroslav Moachim, 9 pp, (pp 7, 8).

JPRS 12690

Organization and Methods of
Technical Standardization in
Communications, by Karel Michalica,
15 pp, (pp 13-16).

Selected Articles From the Czech
Periodical Finance A Uver, No 10,
1961.

JPRS 12820

For a More Effective Decentralized
Construction, by Ljubomir Texl,
Ladislav Kropac, 11 pp, (pp 577-583).

Causes of Overdrafts of Wage Funds
in Construction Organization, by
Emil Moravec, 9 pp, (pp 613-618).

Long-Term Financial Planning and Its
Role in Stabilizing the Currency in
Czechoslovakia, by Julius Branki,
Miroslav Tucek, 14 pp, (pp 618-626).

Commentary on the Proposed State Plan
for 1962, by D. Schejbal, J. Vintera,
11 pp.

CZECH, per, Planovane Hospoderstvi,
Vol XIV, No 9, 1961, pp 782-792.

JPRS 12625

Success in the Development of the North
Bohemian Brown Coal District, by
Jaroslav Zahalka, 7 pp.

CZECH, per, Planovane Hospodarstvi,
Vol XIV, No 9, 1961, pp 841-846.

JPRS 12625

Eastern Europe
Economic (Contd)

The Fulfillment of Czechoslovakia's
Economic Plan, 34 pp.

CZECH, np, Rude Pravo, 3 Feb 62,
pp 1, 3, 4.

JPRS 12862

For Greater Safety and Efficiency
in Mining, by Oldrich Cernik, 5 pp.

CZECH, per, Uhlí, Vol III, No 9,
Aug 1961, pp 289, 290.

JPRS 12702

Economic Effectiveness of Electric
Traction, by Pavel Rusnak, 11 pp.

CZECH, per, Železniční Doprava a
Technika, Vol IX, No 11, 1961,
pp 330-332.

JPRS 12580

The Domestic Trade of East Germany,
by Hans Schlenk, 140 pp.

GERMAN, bk, Der Binnenhandel in der
Sowjetischen Besatzungszone
Deutschlands, 1960, pp 16-18,
22-123, 138-150, 192-202.

JPRS 12534

Albanian Industry, by Aqif Selfo, 5 pp.

GERMAN, bk, Gjeografia Fizike e
Shqipërisë, 1961, pp 65-71, 80-84.

JPRS 12451

Price Policy and Price Formation in the
GDR, 297 pp.

GERMAN, bk, Preispolitik und Preisbildung
in der DDR, 1960, 244 pp.

JPRS 12583

Better Planned Employment of Manpower,
by Gerhard Bauermeister, 6 pp.

GERMAN, per, Arbeit und Sozialfürsorge,
Vol XVI, No 10, May 1961, pp 215, 216.

JPRS 12580

Complex Zonal Manpower Planning Opera-
tions, by Diethard Schulz, 11 pp.

GERMAN, per, Arbeit und Sozialfürsorge,
Vol XVI, No 11, Jun 1961; No 13, July 1961,
p 288.

JPRS 12580

Eastern Europe
Economic (Contd)

Selected Articles From the German
Periodical Der Aussenhandel.

- Vol XI, No 16, 9 Aug 1961, pp 23-26. JPRS 12411
Socialist International Division of
Labor in Machine Tool Production --
Part I, by J. Streber, 7 pp.
- Vol XI, No 17/18, 28 Aug 1961.
Export Prospects of Some Branches of
Machine Building, by W. Rauchfuss,
3 pp, (pp 7, 8). JPRS 12411
- Developments in the East German
Chemical Industry, by Carl Eckloff,
3 pp, (pp 10, 11). JPRS 12411
- Socialist International Economic
Cooperation in Foreign Trade, by
G. Kohlmeier, 4 pp, (pp 35-37). JPRS 12656
- Socialist International Division of
Labor in Machine Tool Production --
Part II, by J. Streber, 8 pp,
(pp 49-54). JPRS 12411
- Vol XI, No 20, Oct 1961, pp 27-29.
(SF-1855). JPRS 12279
Conditions and Prerequisites for the
International Specialization of the
Chemical Industry, by P. Grabley. 6 pp.
- Vol XXIII, No 18, 1961, pp 11-14. JPRS 12656
The Influence of Terms of Payment
on Sales Prices and Its Consideration
in Precalculation, by B. Stassen, 7 pp.
- Significance of Automatic Measuring and
Regulating Equipment in Water Economy,
by W. Rummel, 8 pp.
GERMAN, per, Automatisierung, Vol IV,
No 7, 1961, pp 294-297. JPRS 12679

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Problems of Development and Research at
the Ves Leuna-Werke Walter Ulbricht, by
Wolfgang Schirmer, 11 pp.
GERMAN, per, Chemische Technik, Vol XIII,
No 11, 1961, pp 637-640.

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New Czechoslovak Trolley Bus, by
H. Heider, 3 pp.
GERMAN, per, Deutsche Eisenbahntechnik,
Vol IX, No 10, 1961, pp 503-505.

JPRS 12279

Selected Articles From the German
Periodical Deutsche Finanzwirtschaft.

Vol XV, No 17, Sep 1961.
Improved Methods of Cash and Credit
Planning of the German Bank of Issue, by
Reinhard Grauschwitz, 6 pp,
(pp G324-G326).

JPRS 12446

Plans for the Free Assets of the
Population, by Heinz Ebersbach, 4 pp,
(pp G327, G328).

Vol XV, No 21, Nov 1961, pp 363-366.
On the Application of Certain
Provision of the Law on the State
Budget for 1961, by Gotthold Kaltoven,
6 pp.

JPRS 12777

The Polish Multipurpose Airplane PZL-101,
by Rudi Mahn, 4 pp.
GERMAN, per, Deutsche Flugtechnik, Vol XI,
Nov 1961, pp 414, 415.

JPRS 12653

Eastern Europe
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Selected Articles From the German
Periodical Die Deutsche Landwirtschaft.

Vol XII, No 10, 1961.

JPRS 12819

Ten Years of Activities of the German
Academy of Agricultural Sciences in
Berlin, by D. E. Plachy, 12 pp,
(pp 469-472).

Ten Years of Operation of Experimental
Stations of the German Academy of
Agricultural Sciences in Berlin, by
K. Kurzhals, H. J. Wolde, 12 pp,
(pp 477-480).

Some Fodder Problems in Large Socialist
Agricultural Enterprises, by
O. Rosenkranz, 7 pp, (pp 481-483).

The Contribution of Plant Cultivation
to the Solution of the Fodder Problem,
by R. Schick, 15 pp, (pp 487-491).

Vol XII, No 12, 1961, pp 11-20.
Present and Future Tasks of the
Agricultural Sciences and the
Responsibility of Scientists in
Our Time, by Hans Stubbe, 11 pp.

JPRS 12819

Standardization as a Means of Advancing
Technical and Scientific Progress in
Postal Matters and Telecommunications, by
Engr Heinz Bergert, 4 pp.
GERMAN, per, Die Deutsche Post, Vol VI,
No 10, 1961, p 294.

JPRS 12690

Changeover in Our Production and Protection
of Our Economy Against Bonn's Disturbing
Activity, by Gerd Friedrich, 18 pp.
GERMAN, per, Einheit, Vol XVI, No 10,
1961, pp 1470-1482.

JPRS 12820

Eastern Europe
Economic (Contd)

The 400-Kilovolt Program of the German Democratic Republic, by Schwarz, 3 pp.
GERMAN, per, Elektrie, Vol IX, Sept 1961, pp 135, 136.

JPRS 12411

Selected Articles From the German Periodical Der Elektro-Praktiker.

JPRS 12411

Vol X, Oct 1961, pp 332-334.
Special Electric Motors for the Textile Industry, by N. Killiches, 5 pp.

Vol XV, No 4, 1961, pp 115, 116.
Equipment of Laundry Rooms With Automatic Washers, by Walter Ohser, 3 pp.

Vol XV, No 5, 1961, pp 145-157.
Power Current Engineering at the 1961 Leipzig Spring Fair, by Wolfgang Mahlke, 18 pp.

Interconnected Operation of the Electric Power Systems of the GDR, Czechoslovakia, Poland, and Hungary, by H. Muller, 11 pp.
GERMAN, per, Energietechnik, Vol XI, No 7, 1961, pp 300-304.

JPRS 12658

Moths and Non-Woolen Textiles, by S. Wolf.
GERMAN, per, Faserforschung und Textil, Vol IV, 1953, pp 417-437.

CSIRO 3398

Eastern Europe
Economic (Contd)

Selected Articles From the German
Periodical Feingeraetetechnik, Vol X.

No 4, 1961.

JPRS 12473

Measurement and Control Engineering
at the 1961 Leipzig Spring Fair, by
K. Drescher, 4 pp, (pp 154-156).

Sonovisor 2: A Metallurgical Testing
Device, by H. Trommler, 5 pp,
(pp 157-161).

No 5, 1961.

JPRS 12473

Group Working According to Mitrofanov,
by H. Weiz, 6 pp, (pp 193-198).

The Mitrofanov Method and Its Intro-
duction at VEB Carl Zeiss, Jena, by
P. Blume, 5 pp, (pp 208-213).

No 7, 1961, pp 304-314.

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Multi-Purpose Circuit Units for
Electronic Measuring Instruments,
by H. Boehmel, 12 pp.

No 8, 1961.

JPRS 12411

The Material Conservation Movement
at the Carl Zeiss Works in Jena, by
H. Rummeler, K. H. Drehmann, 3 pp,
(pp 337, 338).

New Measuring Instruments in East
Germany, by A. Wiemer, R. Lehmann,
5 pp, (pp 348-354).

No 10, 1961, pp 433-437.

JPRS 12411

The Significance of the "New Technology"
Plan for the Development of the
Industrial Sector of Control Equip-
ment, Instruments Engineering and
Optics, by S. Spiess, 10 pp.

Eastern Europe
Economic (Contd)

Technological Development of the Machine Industry in Hungary, by Janos Sebestyen, 5 pp.

GERMAN, per, Gepgyartastechnologia, Vol I, No 5, 1961, pp 161-165.

JPRS 12411

Rapid Transport B 1000 -- A New Development of the Veb Barkas Works, 4 pp.

GERMAN, per, Kraftfahrzeug-Technik, Vol II, No 11, 1961, pp 468-471.

JPRS 12653

Evaluations of the Distribution Uniformity of Fertilizer Distributors, by H. Heyde.

GERMAN, per, Landtechnische Forschung, Vol VII, No 2, 1957, pp 53-55.

CSIRO 3517

Selected Articles From the German Periodical Maschinenbau Technik.

No 7, 1961.

JPRS 12279

Chipping Machine Tools at the 1961 Leipzig Spring Fair, by H. Worfel, E. Meier, 20 pp, (pp 340-355).

Cutting and Bending Machine Tools Shown at the 1961 Leipzig Spring Fair, by H. Puschmann, 6 pp, (pp 356-361).

Gear Engineering at the 1961 Leipzig Spring Fair, by R. Altschul, 5 pp, (pp 362-366).

Vol X, No 11, 1961, pp 569-572.

JPRS 12473

The New Technology Plan Paves the Way for Socialism, by H. Doherr, 8 pp.

New Radar Instruments for Increased Safety at Sea, by H. Mueller, 5 pp.

GERMAN, per, Nachrichtentechnik, Vol XI, No 6, 1961, pp 271, 272.

JPRS 12473

Eastern Europe
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Miniature Duroplast Condensers for
Transistor Engineering, by
R. Bretschneider, 8 pp.
GERMAN, per, Nachrichtentechnik,
Vol XI, No 6, 1961, pp 273-275.

JPRS 12473

Selected Articles From the German
Periodical Neue Hütte.

No 5, 1961, pp 276-283.
Study of the Operation of Low-Shaft
Furnaces, by Dieter Reimann,
Hans Burger, 17 pp.

JPRS 12657

No 9, 1961.
Some Special Economic Aspects of
Low Blast Furnace Management, by
J. Tischendorf, 15 pp, (pp 540-544).

JPRS 12658

Production of Metallic Special
Materials in the VEB Hettstedt Rolling
Mill, by Gerhard Pupke, 11 pp,
(pp 573-577).

Polish Agricultural Economy, 6 pp.
GERMAN, np, Neue Zuericher Zeitung,
5 Oct 1961, Encl to RV-1237-61.

ID 2189543

Machine Tool Engineering in CEMA, 8 pp.
GERMAN, np, Neue Zuericher Zeitung,
No 4734, 9 Dec 1961, p 10.

JPRS 12652

Cooperation Between CSSR and GRD in
Technical Standardization of the
Automobile Industry, by Karel Zinkovsky,
7 pp.
GERMAN, per, Normalizace, No 9, 1961,
pp 205, 206.

JPRS 12411

Operative Planning of Transport Under
the Decree for Planning and Cooperation
in Freight Transportation, by Heinz
Eichmann, 8 pp.
GERMAN, per, Der Operative Dienst, Vol V,
No 10, 1961, pp 332-334.

JPRS 12690

Eastern Europe
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The Annual Export Contract -- Instrument
for Organization of the Export Plan, by
R. Richter, 9 pp.
GERMAN, per, Recht im Aussenhandel, Vol XI,
No 10, 1961, pp 1-4.

JPRS 12656

Reefer Ship 600, 15 pp.
GERMAN, per, Schiffbau Technik, Vol X,
1961, pp 487-495.

JPRS 12473

Scientific-Technical Cooperation Between
USSR and DSRK Registers, by W. Grund, 6 pp.
GERMAN, per, Schiffbau Technik, Vol X,
1961, pp 528-530.

JPRS 12473

The Development of Veb Dieselmotorenwerk,
Rostock, by W. Huebner, 4 pp.
GERMAN, per, Die Technik, Vol XVI, No 5,
1961, pp 355-359.

JPRS 12411

Developments in Machine Tool Construction
Observations on the Leipzig Spring Fair
in 1961, by H. Langguth, 7 pp.
GERMAN, per, Technische Gemeinschaft,
Vol IX, No 7, 1961, pp 252-257.

JPRS 12652

Improvement in State Management of Foreign
Trade, by Melmut Wagner, 5 pp.
GERMAN, per, Vertragssystem, Vol V,
No 12, 1961, pp 353, 354.

JPRS 12478

The Necessity and Significance of New
Export Provisions for Goods and Services,
by Dieter Paul, 8 pp.
GERMAN, per, Vertragssystem, Vol V,
No 12, 1961, pp 355-358.

JPRS 12478

Dam Construction Conference of the
Institute for Water Economy, 8 pp.
GERMAN, per, Wasserwirtschaft-
Wassertechnik, Vol XI, No 8, 1961,
pp 406-408.

JPRS 12682

Eastern Europe
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Selected Articles From the German
Periodical Die Wirtschaft.

- No 39, 27 Sep 1961, p 6. JPRS 12820
What is the Best Form of Wages?, by
Mehnert, 5 pp.
- No 45, 1 Nov 1961, p 6. JPRS 12820
Strict Control Over the Development
of Wages, by W. Schilke, 4 pp.
- Vol XVI, No 50, 6 Dec 1961, p 5. JPRS 12862
Falsely Fixed Prices Hinder Productivity,
by F. Enderlein, J. Haupt, 6 pp.
- No 2, 10 Jan 1962, p 11. JPRS 12478
Permanent Economic Committee Formed
to Increase Trade Between the GRD
and Bulgaria, 3 pp.
- Results and Future of Open-Cut Mining,
4 pp.
HUNGARIAN, np, Figyele, 27 Oct 1961,
p 11. JPRS 12658
- Effects of Production Increases in the
Pharmaceutical Industry, 4 pp.
HUNGARIAN, np, Figyele, 27 Dec 1961,
p 5. JPRS 12652
- Some Problems of the Hungarian Cities
in the Industrial Sphere, by Ferenc Boros,
(NY-6995).
HUNGARIAN, per, Foldrajzi Ertesito,
Vol X, No 3, 28 Jun 1961, pp 379-393. *JPRS
- The Establishment of Specific Economic
Zones and Theoretical Questions
Pertaining to Them, 28 pp.
HUNGARIAN, per, Foldrajzi Koslemenyei,
Vol IX, No 3, 1961, pp 223-244. JPRS 12583

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Practical Experiences and Problems in
the Manufacture of High-Precision
Machine Tools, by Kschwendt Pal, 14 pp.
HUNGARIAN, per, Gepgyartas Technologia,
Vol I, 1961, pp 241-247.

JPRS 12652

Review of Hungarian Engineering, 4 pp.
HUNGARIAN, per, Hospodarske Noviny,
24 Nov 1961, p 8.

JPRS 12597

Modern Hungarian Conveyors, by
Istvan Haraszti, 10 pp.
HUNGARIAN, per, Ipargazdasag, Vol XIII,
No 8, 9, 1961, pp 4-8.

JPRS 12841

Improvement of the Hungarian Bauxite and
Aluminum Industry, by Janos Kerese, 5 pp.
HUNGARIAN, per, Ipargazdasag, Vol XIII,
No 8/9, 1961, pp 67, 68.

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Selected Articles From the Hungarian
Periodical Kozgazdasagi Szemle.

No 6, 1961, pp 570-585.

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Determination by Linear Programming of
the Optimum Investment Plan for a Given
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No 8/9, 1961, pp 960-970.

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Productivity and Utilization of Fixed
Capital, by Zoltan Roman, 15 pp.

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Development of the Hungarian People's
Economy During the Period of the
Second Five-Year Plan, by Imre Pardi,
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Consumer and Marketing Cooperatives,
by Istvan Kadar, 21 pp.

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The Twenty-Year Perspective Plan of the Construction Industry, by Laszlo Lux, 13 pp.

HUNGARIAN, per, Magyar Epitoipar, Vol X, No 10, 1961, pp 473-477.

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Processes and Production in a Lacquer, Paint, and Synthetic Resin Plant, by Szekely Geza, 11 pp.

HUNGARIAN, per, Magyar Kemikusok Lapja, Sep 1961, pp 397-404.

JPRS 12279

On the Reform of the Training of Chemical Engineers in Hungary and the Demand of National Economic Planning, by Laszlo Vajta, 5 pp.

HUNGARIAN, per, Magyar Tudomany, Vol VI, No 6, 1961, pp 359, 360.

JPRS 12814

New Aspects of the Financial Condition of the Population in the Period of the Three-Year Plan, by Gyorgy Land, 29 pp.
HUNGARIAN, per, Statisztikai Szemle, Vol XXXIX, No 11, 1961, pp 1135-1149.

JPRS 12777

Evolution and Technical Level of the Cellulose and Paper Industry, by Bela Csorgo, 28 pp.

HUNGARIAN, per, Statisztikai Szemle, Vol XXXIX, No 11, 1961, pp 1166-1174.

JPRS 12353

Products and Production Development in the Balatonfoldvar Shipyards, by Angela Nagy, 5 pp.

HUNGARIAN, per, Ujitok Lapja, Vol XIII, No 14, 25 Jul 1961, p 11.

JPRS 12653

Current Situation and Problems of Long-Range Planning in Machine Tool Production, by Lajos Simonyi, 8 pp.

HUNGARIAN, per, Ujitok Lapja, Vol XIII, No 14, 25 Jul 1961, pp 20, 21.

JPRS 12653

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Selected Articles From the Polish
Periodical Chemik.

Vol XIV, No 7/8, 1961.
The Demand for Chemical Equipment
in the Long Range Plans, by
Stanislaw Zuczkiewicz, 7 pp.
(pp 258-260).

JPRS 12473

The Position of the Synthetics
Industry in the Ten-Year Period
1950-1960, by Roman Bob, 7 pp,
(pp 290-292).

1961, pp 371-377.
Lowering Transport Costs for
Synthetic Fertilizers, by
Jerzy Goynia, Aleksander Filasiewicz,
8 pp.

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Selected Articles From the Polish
Periodical Finanse.

Vol XII, No 8, 1961.
Socialist Money and Gold, by
Zdzislaw Fedorowicz, 16 pp,
(pp 1-11).

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Temporary Inflationary Phenomena
in the National Economy, by
Jan Czarkowski, 15 pp, (pp 12-22).

Factors Determining the Develop-
ment Fund, by Urszula Wojciechowska,
13 pp, (pp 23-31).

Analysis of Non-Operational
Activities of State Enterprises,
by Zenon Rajewski, Jozefa Jeziorowska,
10 pp, (pp 32-38).

Crediting Incorrect Financial Needs
of Enterprises -- A Form of Bank
Influence Over Enterprises, by
Wladyslaw Jaworski, 27 pp, (pp 39-50).

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Wage Fund in Construction and
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Janina Kepa, 3 pp, (pp 51, 52).

Vol XII, No 9, 1961.

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State Budget of People's Poland in
the Period of Industrialization,
by Zbigniew Pirozynski, 24 pp,
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Development of the Financial
System of State Enterprises in
the Polish People's Republic, by
Bronislaw Blass, 26 pp, (pp 19-36).

Synthetic Balances in the Practice
of Planning in the Polish People's
Republic, by Stanislaw Majewski,
Marian Krzak, 18 pp, (pp 37-48).

Planning of Money in a Socialist
Economy, by Pavel Sulmicki, 18 pp,
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Current Problems in Creating the
Development Fund, by
Urszula Wojciechowska, 12 pp,
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System of Operation of the Factory
Fund and Multi-Year Norms, by
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Financing Repairs of Fixed Assets
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Bank Control of Investments, by
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Vol XII, No 10, 1961.

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Material Incentives and Reduction
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On the Need for Reforms in the Field
of Nonpersonnel Wage Fund, by
Bronislaw Fick, 12 pp, (pp 10-17).

Budgetary Subsidies for Social
Organizations, by Ziemkiewicz,
10 pp, (pp 18-23).

Taxes on Private Economy, by
Jozef Gabjan, Kazimierz Wieckowski,
23 pp, (pp 24-38).

Synthetic Financial Balances in the
Planning Practice of East Germany
and Czechoslovakia, by
Zenon Rajewski, 14 pp, (pp 61-69).

Primary New Investment in the Chemical
Industry in the 1961-1965 Plan, by
Jan Pojda, Mieczyslaw Zajac, 8 pp.
POLISH, per, Gospodarka Planowa,
No 8/9, 1961, pp 1-4.

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Selected Articles From the Polish
Periodical Handel Zagraniczny.

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The Development of Trade Exchanges
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The Current Activities of the Council
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East-West Economic Relations, by
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The Trade of Underdeveloped Countries
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Trade Participation by Socialist and
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Stanislaw Szczypiorski, 6 pp,
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Key Problems of Land-Sea Transit, by
Ignacy Tarski, 17 pp.

Polish Design Progress Show at Warsaw
Motor Exhibition, by Z. Perzynski, 3 pp.
POLISH, per, Horyzonty Techniki, No 5,
1961, pp 194-198.

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Problems Arising From Specialization
of Component Production, 8 pp.
POLISH, per, Hospodarske Noviny,
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Modern Domestic Forging Machines, by
Kazimierz Bosiacki, 9 pp.
POLISH, per, Hutnik, No 11, 1961,
pp 416-424.

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Selected Articles From the Polish
Periodical Inwestycje i Budownictwo.

Vol XI, No 4, 1961.

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Characteristics of Fixed Assets on
the Basis of Results of General
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The General System of Quantitative
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New Principles for Including Means
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Capital Investment in the First Half
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8 pp, (pp 1-3).

The Actual Stage of the Investment
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12 pp, (pp 4-8).

Selected Articles From the Polish
Periodical Mechanizacja Rolnictwa.

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The Ursus C-325 Tractor System, 4 pp.

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Electrical Installation Services of
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POLISH, per, Norvzontni Techniki, No 11,
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Selected Articles From the Polish
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Agriculture in the First Year of
the Present Five-Year Plan, by
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Selected Articles From the Polish
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Supply of Machinery and Tractors to
Agriculture, by A. Czechowicz, 5 pp,
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Difficulties of Plan Implementation
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The Mechanization of Flax and Hemp
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Means of Insuring the Fulfillment of
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Single-Step Grain Harvesting, by
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Mechanization of Harvesting on State
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4 pp, (pp 7, 8).

Raising Hogs in Individual Pens and
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5 pp, (pp 25-27).

Rape Cultivation, by J. Kielkiewicz,
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Animal Husbandry Development Program
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S. Slominski, 5 pp.

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The Role of the State Machine
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M. Jagielski, 12 pp, (pp 3-8).

Rate of Growth in Agricultural
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Intensified Production and Further
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by M. Bodalski, 6 pp, (pp 11-13).

Structure of Total Production Value
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St. Gajos, 5 pp, (pp 41, 42).

Bulk Purchasing of Agricultural
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Periodical Nowe Rolnictwo. (Contd)

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The Contribution of Chemistry to
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Research in Agricultural Chemistry,
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Fertilization in the Current Five-
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Mixed Fertilizers, by E. Malysowa,
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The Effectiveness of Fertilization,
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Increased Rye and Wheat Yields in
Relation to Mineral Fertilization,
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Modern Methods of Fertilizing Winter
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Means of Pest, Plant Disease, and
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Plastics in Agriculture, by
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E. Wardzinski, 3 pp.

Agricultural Chemistry Stations,
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Research in Foundry Machine Design to
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Stanislaw Pelczarski, 6 pp.

POLISH, per, Problemy Projectowe,
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Organizational Structure of Local State
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POLISH, per, Przegląd Drobnej Wytworczosci,
Vol XI, No 19, Oct 1961, pp 5, 6.

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Selected Articles From the Polish
Periodical Przegląd Hodowlany,
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The Export of Animal Products, by
Jerzy Wierzbicki, 7 pp, (pp 1-3).

The Role of Dairy Cooperatives in
the Procurement of Milk and in the
Dairy Industry, by Marian Lis, 4 pp,
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Seasonal Mortality of Sucklings and
Young Weaned Pigs, by Kazimierz Tursk,
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National Conference on the Artificial
Insemination of Cattle in Rzeszow, by
Franciszek Klocek, Wladyslaw Glod,
Wanda Turkowskw, 16 pp, (pp 26-30).

Plan for Development of Railroads in
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POLISH, per, Przegląd Kolejowy
Przewozowy, Vol XIII, No 9, 1961,
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Production Plans of the Stalowa Wola
Smelter, by Kazimierz Kotwica,
Jan Modrzejowski, 3 pp.

POLISH, per, Przegląd Mechaniczny,
No 19, 20, October 1961, pp 580-586.

JPRS 12579

Small Metal Plants in Rzeszow Woje-
wodztwo, by Andrzej Jedynak, 3 pp.
POLISH, per, Przegląd Mechaniczny,
No 19, 20 Oct 1961, pp 613-615.

JPRS 12579

New Rolling Mill and Seamless Drawn
Pipe Works, by Marcin Jaskowski,
4 pp.

POLISH, per, Przegląd Techniczny,
No 37, 1961, p 9.

JPRS 12830

Eastern Europe
Economic (Contd)

Automatization of Assembly and Machine Tools, by Piotr Moroz, 3 pp.

POLISH, per, Przegląd Techniczny, No 46, 14 Nov 1961, p 3.

JPRS 12597

Principle of Implementing and Financing Investments in 1961, by Franciszek Wentowski, 16 pp.

POLISH, per, Przegląd Ustawodawstwa Gospodarczego, Vol XIV, No 4, 1961, pp 121-127.

JPRS 12862

Problems of the Chemical Industry Foreign Trade, by Janusz Walewski, 7 pp.

POLISH, per, Przemysł Chemiczny, Vol II, No 8, 1961, pp 417-419.

JPRS 12830

The Technical State of Domestic Production of Plant Pesticides, by Tadeusz Krasuski, Jerzy Peczak, 20 pp.
POLISH, per, Przemysł Chemiczny, No 9, 1961, pp 485-488, No 10, 1961, pp 545-548.

JPRS 12425

Remarks on the Five-Year Plan for Technical Progressing the Food Industry, by Zbigniew Ziolkowski, 13 pp.
POLISH, per, Przemysł Spożywczy, Vol XV, No 8, 1961, pp 1-10.

JPRS 12776

Suggestions for Developing the Basic Resources of Poland, 6 pp.

POLISH, per, Wiadomości Górnice, Vol XII, No 3, 1961, pp 81-84.

JPRS 12659

Selected Articles From the Polish Periodical Wiadomości Statystyczne.

Vol VI, No 4, Jul/Aug 1961, pp 10-12.
On the Need for Changes in Statistics Concerning Fixed Assets, by Kazimierz Antonik, 8 pp.

JPRS 12583

Eastern Europe
Economic (Contd)

Selected Articles From the Polish
Periodical Wiadomosci Statystyczne.
(Contd)

Vol VI, No 5, Sep-Oct 1961.
Certain Problems Related to
Balancing the Distribution of
National Income, by Stanislaw Krysiak,
16 pp, (pp 1-6).

JPRS 12708

Representative Surveys of Family
Budgets in International Practice, by
Jan Kordos, 6 pp, (pp 15-17).

Selected Articles From the Polish
Periodical Wies Wspolczensna.

No 7, 1961.
Mechanization -- A Complex Problem,
by Stefania Dambrowska, Tadeusz
Kociecki, 12 pp, (pp 48-57).

JPRS 12811

Local Roads -- An Urgent Problem,
by Adam Wyderko, Jozef Pawlowski,
10 pp, (pp 72-85).

Formation and Allocation of the
Communal Fund in 1960, by Adam Wyderko,
6 pp, (pp 119-123).

No 10, 1961.
Grains and the Development of Live-
stock Production, by Jan Zaleski,
Edward Marczak, 12 pp, (pp 65-74).

JPRS 12776

The State Farms as Pioneers of
Progress in Agriculture, by
Antoni Leszczyk, 14 pp, (pp 75-85).

Eastern Europe
Economic (Contd)

Selected Articles From the Polish
Periodical Zycie Gospodrcze.

No 38, 17 Sep 1961.

Economy of the Socialist Countries
in the First Half of 1961, by
Adam Zwass, 9 pp, (pp 1, 7).

JPRS 12583

Functions of Production Material
Prices, by Albin Plocica, 7 pp,
(p 2).

JPRS 12416

No 41, 8 Oct 1961, p 2.

Functions of Production Materials
Prices, by Albin Plocica, 8 pp.

JPRS 12416

No 44, 29 Oct 1961, pp 1, 6.

Need for Planning Quality of
Production, by Remigiusz Orzechowski,
8 pp.

JPRS 12416

No 49, 3 Dec 1961.

Wine Production, by Stanislaw Galicki,
5 pp, (p 4).

JPRS 12416

The Association in Face of Export
Quotas, by Barbara Wisniewska,
7 pp, (p 5).

JPRS 12777

Two Aspects of the Export of
Textiles, by Elias Chazanow, 6 pp,
(p 8).

JPRS 12483

Agricultural Centers for Agricultural
Circles, by W. Siekierzucki, 8 pp.
POLISH, per, Zycie Rolnicze, Vol XVII,
No 7, 1961, pp 3-7.

JPRS 12948

Agricultural Circles and Farms Women's
Circles, 4 pp.
POLISH, per, Zycie Rolnicze, Vol XVII,
No 7, 1961, pp 12,13.

JPRS 12948

Eastern Europe
Economic (Contd)

Contributions to the Agricultural
Geography of Petrosani Raion, by
Arisztid Nagy, (NY-6997).
RUMANIAN, bk, Studia Universitatis
Babes-Bolyai, 1959, pp 173-179.

*JPRS

Rural Economic Geography of Oradea
Regiune, by Valentina Karteva,
(NY-6997)
RUMANIAN, bk, Studia Universitatis
Babes-Bolyai, 1959, pp 181-198.

*JPRS

Technical Progress in Rumania During
Recent Years, 3 pp.
RUMANIAN, per, Automatica si Electronica,
May/Jun 1961, pp 97-100.

JPRS 12653

For More Efficient Use of Industrial
Resources, by Radu Manescu, 11 pp.
RUMANIAN, per, Lupta de Clasa, Vol XLI,
No 10, 1961, pp 25-34.

JPRS 12333

The Durability of Forging Dies and the
Means of Improving it at the "Steagul
Rosu" Works in Brasov, by M. Marinescu-
Firica, 15 pp.
RUMANIAN, per, Metalurgia si Constructia
de Masini, Vol XIII, No 11, 1961,
pp 927-936.

JPRS 12724

New Trends in Crane Building, by Ion
Balanescu, 9 pp.
RUMANIAN, per, Metalurgia si Constructia
de Masini, Vol XIII, No 11, 1961,
pp 967-974.

JPRS 12724

Activity of Rumanian Geologists Abroad,
by Andrei Gurau, 6 pp.
RUMANIAN, per, Natura, Vol XIII, No 4,
Jul-Aug 1961, pp 9-15.

JPRS 12565

Eastern Europe
Economic (Contd)

Selected Articles From the Rumanian
Periodical Petrol si Gaze, Vol XII.

No 6, 1961, pp 267-269.

JPRS 12653

The Use of Catalysts in the Pro-
duction of Bitumens Through Air
Oxidation, by I. Scheianu,
D. Grigorescu, C. Vasiliu, 5 pp.

No 7, 1961.

JPRS 12658

Trends in Development of the World
Oil Processing Industry and the
Situation in This Industry in the
RPR, by M. Cosmin, 12 pp, (pp 295-299).

Some Problems and Perspectives of
Secondary Petroleum Exploitation in
the RPR, by Al. Vernescu, 9 pp,
(pp 312-316).

Present Concepts on the Relationship
Between Crude Oil Production and
Reserves, by D. Codreanu, 6 pp,
(pp 325-327).

Accomplishments and Perspectives
of the Ploiesti Coring and Drilling
Enterprise, 6 pp, (pp 328-329).

New Success in the Fulfillment of the
Plan for Technical Organizational
Measures, 5 pp, (pp 334-335).

Relationship Between the Increase in
Labor Productivity and the Automation
of Production, by P. Vagu, 14 pp.
RUMANIAN, per, Probleme Economice,
No 10, 1961, pp 34-47.

JPRS 12333

Mechanization of Heavy Operations
With a High Volume of Labor, by
Gh. Raboaca, Gr. Corlan, 15 pp.
RUMANIAN, per, Probleme Economice,
No 10, 1961, pp 98-113.

JPRS 12333

Eastern Europe
Economic (Contd)

Selected Articles From the Rumanian
Periodical Revista De Chimie, Vol XII.

No 4, 1961, pp 239-242. JPRS 12653
Development of the Chemical and
Petroleum Industry in the German
Democratic Republic, 11 pp.

No 6, 1961, pp 361-364. JPRS 12841
The Development of the Petroleum
and Chemical Industry in the People's
Republic of Hungary, 13 pp.

No 7, 1961, pp 429-432. JPRS 12653
The Chemical Industry in Poland,
12 pp.

No 10, 1961. JPRS 12333
Phenol-Acetone Section of the
Synthetic Rubber Plant, 8 pp,
(pp 567-569).

Checking the Quality of Pipes of
Rigid Polyvinyl Chloride Produced in
Rumania, by Madeleine Ivanoff,
T. Boiangiu, 8 pp, (pp 570-575).

Manufacture in the RPR of Electric
Conductors and Cables Insulated With
Polyvinyl Chloride, by C. Antohi,
Elena Podani, Maria Roidan, 4 pp,
(pp 590-592).

No 11, 1961, pp 659-662. JPRS 12724
Anticorrosion Problems at the IASI
Antibiotics Factory, by M. Iacob,
7 pp.

Eastern Europe
Economic (Contd)

Selected Articles From the Rumanian
Periodical Revista Minelor, Vol XII.

No 5, 1961.

JPRS 12333

New Mining Equipment and Efforts
to Improve the Quality of the
Product, by I. Legrand, 11 pp,
(pp 201-204).

Prospects of Enlarging the Assort-
ment Produced by the UMMUN and of
Manufacturing Other Mining Equip-
ment in the Future, by I. Gramovschi,
V. Trif, 4 pp, (pp 205, 206).

No 6, 1961.

JPRS 12658

Metallogenetic Provinces and Eras
in the RPR, by R. Dimitrescu, 9 pp,
(pp 258-261).

Some Present Day Problems on the
Application of Mechanization to
Mining the Baia Mare Basin, by
Al. Corpade, G. F. Popescu,
10 pp, (pp 262-265).

No 7, 1961.

Contributions in the Development
of Iron Ore Reserves, by I. Grigore,
10 pp, (pp 287-290).

JPRS 12658

Contributions to the Geological
Study of the Velse Jiului Coal Basin,
by I. Marinescu, 15 pp, (pp 291-296).

JPRS 12658

Comparative Study of Drills Manu-
factured in Rumania and Abroad, by
N. Letu, Alex. Darabant, P. Marian,
17 pp, (pp 297-303).

JPRS 12653

No 8, 1961, pp 341-345.

JPRS 12658

Development in the Production of
Iron Ore in Rumania During the Years
of the People's Rule, 9 pp.

Eastern Europe
Economic (Contd.)

Selected Articles From the Rumanian
Periodical Stiinta si Tehnica.

JPRS 12658

Vol XII, No 6, 1961.
The Discovery of the Capusu-Mic
Iron Ore, by I. Cretu, 4 pp, (pp 6-7).

On the Hunedoara Plateau, by
I. S. Gruescu, 5 pp, (pp 10-11, 45).

Vol XIII, No 5, 1961, pp 3, 4, 23.
Progress Made Under the Six-Year
Plan, by I. Marinescu, 6 pp.

Selected Articles From the Rumanian
Periodical Standardizarea, Vol XIII.

No 5, 1961, pp 221-227.
The Revision of Standards For
General Purpose Allied Structural
Steels, by R. Slatineanu, 14 pp.

JPRS 12658

No 6, May 1961, pp 247, 248.
The Need to Revise STAS 1799-50
The Control of Concrete Production,
by C. Draghicescu, 5 pp.

JPRS 12658

No 7, 1961.
Standardization, An Important
Factor in the Development of
Specialization and Cooperation in
Industry, by I. Ene, 9 pp, (pp 332-335).

JPRS 12653

The Technical and Scientific Council
for Standardization, by P. Teodorescu,
5 pp, (pp 361-363).

No 11, 1961.
New Instructions on the Functions
of the Standardization Units of
Central and Local Agencies, Plants,
Economic Organizations, and Institutes,
by O. Adler, 4 pp, (pp 562-564).

JPRS 12724

The Conference of National Standard-
ization Organizations of the Socialist
Countries, by S. Scadovschi, 5 pp,
(pp 567, 568).

Eastern Europe
Economic (Contd)

Contributions of the Maghiar Autonomous
Regiune to Economic Geography, by
Jeno Molnar, (NY-6998).
RUMANIAN, per, Studia Universitatum
Victor Babes et Bolyai, Vol III, No 5,
1958, pp 105-111.

*JPRS

Selected Articles From the Rumanian
Periodical Tehnica Noua.

No 9 (301), 1 Mar 1961, pp 1, 4.
Development of the Electric Power
System, by Tudor Apostolache, 5 pp.

JPRS 12658

No 13, 29 Mar 1961, pp 1, 3.
The Dynamics of the Technical-
Economic Factors in the Designing
of Thermoelectric Power Plants, by
Nelu Vasilescu, 5 pp.

JPRS 12333

No 15 (307), 12 Apr 1961, pp 1, 2.
The Bucharest-Central Transformer
Station, by Gabriel Ionescu,
Stefan Muller, 5 pp.

JPRS 12658

No 17, 26 Apr 1961, p 5.
New Steel-Making Processes, by
D. Stanescu, 4 pp.

JPRS 12653

No 39, 27 Sep 1961, p 1.
Relon Utilization in the Machine
Building, by Lucian Cornea, 5 pp.

JPRS 12473

No 47 (339), 22 Nov 1961, p 3.
Use of Plastics in Industry, Con-
struction, and Agriculture, by
Gh. Vasilache, 6 pp.

JPRS 12424

No 48, Nov 1961, pp 1, 3.
Modernization of Machine Tools
From the Experience of the "Infra-
tirea" Plant in Oradea, by
P. Ianculescu, 3 pp.

JPRS 12333

Eastern Europe
Economic (Contd)

Ferrous Metallurgy in Hungary, by
Istvan Garamvelgi, (NY-7001).
RUSSIAN, per, Metallurg, No 8, 1961,
pp 38, 39.

*JPRS

Eastern Europe
Political

Leninism Is Our Victorious Arm, by
Noreci Plasari, 25 pp.
ALBANIAN, per, Rruga e Partise, No 1,
1962, pp 10-22.

JPRS 12833

Historical Conclusions and Lessons,
77 pp.
BULGARIAN, per, Novo Vreme, No 1,
1962, pp 3-17.

JPRS 12932

Non-Communist Manifesto of Contempo-
rary Imperialism, by Josef Macek,
19 pp.
CZECH, per, Nova Mysl, No 2, 1962,
pp 196-205.

JPRS 12904

Communism in Our Time in Czechoslovakia,
by Kjeld Osterling, 17 pp.
DANISH, per, Tiden, Vol XXII, No 8,
Dec 1961, pp 219-226.

JPRS 12901

Disarmament and the Albanian
Workers' Party, by Charles Haroche,
5 pp.
FRENCH, np, France Nouvelle, No 850,
31 Jan-6 Feb 1962, pp 23, 24.

JPRS 12617

Khrushchev's Battle With the Dogmatists
by Heiden, by Hoist Heiden, 4 pp.
GERMAN, per, Die Andere Zeitung,
Vol VII, No 45, 9 Nov 1961, p 4.

JPRS 12571

Opening to the Left, 4 pp.
GERMAN, np, Arbeiter-Zeitung, No 26,
2 Feb 1962, p 1.

JPRS 12735

Deceptive Coexistence of Party Platform,
by Carl Gustaf Strohm, 4 pp.
GERMAN, np, Christ und Welt, Vol XIV,
No 42, 20 Oct 1961, p 3.

JPRS 12571

Administrative Instructions of the
Higher War Commissariat, No 1, Effective
Beginning 1 January 1962.
GERMAN, per, Der Fourier, No 2, 1962,
pp 45-51.

*ACSI I-1107
ID 2191533

Eastern Europe
Political (Contd)

Weber's Analysis of CPSU Program, by
Heinz Weber, 7 pp.
GERMAN, np, Handelsblatt, Vol XVI,
No 208, 27-28 Oct 1961, p 14.

JPRS 12571

Fuernberg Speaks on State, Communism
and Morality, by Friedl Fuernberg,
13 pp.
GERMAN, per, Weg und Ziel, Vol XIX,
No 11, 1961, pp 695-708.

JPRS 12571

Leonhard Discusses Surprises at
Party Congress, by Wolfgang Leonhard,
7 pp.
GERMAN, np, Die Zeit, Vol XVI, No 44,
27 Oct 1961, p 3.

JPRS 12571

Scientific Progress and Contemporary
Theology, by Jozsef Lukacs, (DC-6680).
HUNGARIAN, per, Tarsadalmi Szemle,
No 10, 1961, pp 66-85.

*JPRS

Real Income of the Farm Population
From Agricultural Production During
1956-1960, 13 pp.
POLISH, per, Biuletyn Statystyczny,
No 12, 1961.

JPRS 12940

Integration Processes in Western
Europe and Their Influence on Polish
Foreign Trade, by Bohdan Laczkowski,
10 pp.
POLISH, per, Gospodarka Planowa, No 5,
1961, pp 34-38.

JPRS 12655

The XXII Congress of the CPSU -- Rich
Source of Teachings for the Communist
Movement, 14 pp.
POLISH, per, Lupta de Clasa, Vol XLI,
Series V, No 12, 1961, pp 7-18.

JPRS 12574

Eastern Europe
Political (Contd)

The Building of Communism in the
USSR and the Development of Economic
Cooperation by Socialist Countries,
by Henryk Rozanski, 4 pp.
POLISH, per, Nowe Drogi, No 12,
1961, pp 88-99.

JPRS 12655

Content and Forms of Unity, by
Mieczyslaw F. Rakowski, 9 pp.
POLISH, per, Nowe Drogi, No 1,
1962, pp 104-111.

JPRS 12397

Eastern Europe
Military

Yugoslavian Army, Navy, Air Force,
Paramilitary Establishments, and
Obituaries, 48 pp.
CROATIAN, np, 13 Oct 1961-17 Nov 1961.

JPRS 12800

Military Crimes, 7 pp.
CZECH, rpt, Sbirka Zabonu, 8 Dec 1961,
pp 504-507.

JPRS 12800

Governmental Order No 148 of 8 December
1962 Concerning Maintenance Contribu-
tions During Participation in Military
Maneuvers, 5 pp.
CZECH, rpt, Sbirka Zakonu Ceskoslovenske
Socialisticke Republiky, 27 Dec 1961,
Section 70, pp 601, 602.

JPRS 12800

Passenger Aircraft of the Future, by
J. Cervenka.
CZECH, per, Kridla Vlasti, 11 Apr 1961,
pp 14-16.

*FTD-TT-62-397

Markings of Fire Brigade Chiefs, 4 pp.
CZECH, per, Pozarni Technika, No 12,
1961, p 235.

JPRS 12800

Military Basic Training, Training of
Newly Inducted Soldier, 6 pp.
GERMAN, rpt, Militarische Grundauss-
bildung, Ausbildung neu Eingestellter
Soldaten, pp 18-22.

ACSI I-0895
ID 2191506

We Drove Rapid Transporter B1000,
4 pp.
GERMAN, per, Deutsche Strassenverkehr,
No 1, 1962, pp 8, 9.

ACSI I-0974
ID 2191527

Supply Services, by Kurz, 3 pp.
GERMAN, per, Der Fourier, Vol XXXIII,
No 8, 1960, pp 281-284.

ACSI H-7897
ID 2191525

Eastern Europe
Military (Contd)

Selected Articles From the German
Periodical Militaerwesen.

JPRS 12800

No 3, 1960, pp 487-496.
Problems in the Redistribution of
Troops, by G. Kunze, 11 pp.

No 7, 1960, pp 1295-1303.
Destroying Ground Targets With
Fighter Bombers, by K. Slomke,
9 pp.

No 8, 1960.
Forced Crossing of Water Obstacles,
by B. Behring, M. Schneider, 9 pp,
(pp 497-505).

Robur-LD 1800 A: A New Cross
Country Truck, by H. Strohbach,
6 pp, (pp 591-595).

Specifications and Operation of the
Modern Flame Thrower, 8 pp.
GERMAN, per, Militartechnik, 1961,
pp 174-177.

ACSI I-0907
ID 2191508

How Can Armament Technology as a
Vital Element of Defense Be Most
Efficiently Brought to Bear in the
"Bundeswehr?", by Hermann Bauermeister,
14 pp.
GERMAN, per, Wehrtechnische Monatshefte,
No 12, 1961, pp 512-524.

ACSI I-0747
ID 2186170

Orders, Decorations and Distinctions,
5 pp.
POLISH, rpt, OUSARMA, Poland, Encl
to R-515-61.

ID 2188835

Billeting of Soldiers, 4 pp.
POLISH, rpt, Military Calender, 1962,
pp 345-350, OUSARMA, Poland, Encl to
R-534-61.

ID 2190324

Eastern Europe
Military (Contd)

Radioelectronics in the Service of
Troops /Forces/, by Jan Szarek, 2 pp.
POLISH, rpt, Radioelektronika na Uslugach
Wojsk, Encl No 1 to R-496-61 ARMA POLAND,
1961, pp 62, 104-106.

ACSI I-0786
ID 2186176

Law of 31 January 1961: Modification of
Regulations of the Military Penal
Procedure Code, 6 pp.
POLISH, np, Dziennik Ustaw, No 6,
10 Feb 1961.

JPRS 12276

Comments on General Naval Tactics,
by Eugeniusz Szpitun, 8 pp.
POLISH, per, Przegląd Morski, No 7-8,
1961, pp 17-23.

JPRS 12800

Supersonic Equipment for Vessels, by
Alfred Kowalski, 13 pp.
POLISH, per, Przegląd Morski, Vol XIV,
No 12, 1961, pp 49-60.

JPRS 12800

The Training of Medical Personnel
Aboard Ship, by Zbigniew Kaluzynski,
3 pp.
POLISH, per, Przegląd Morski, Vol XIV,
No 12, 1961, pp 67-69.

JPRS 12800

A. The Surprise Stars Kept Quiet, by
B. Jagielski.
B. The High Sky Is Calling For Me, by
W. Wukolow, S. Kowalow.
POLISH, per, Skrzydłata Polska, No 1
(548), 1962, pp 4, 5, 16, 17.

*FTD-TT-62-401

Jet Training Aircraft, by Z. Jankiewicz.
POLISH, per, Skrzydłata Polska,
No 2 (549), 1962, pp 8, 9.

*FTD-TT-62-399

Jet Training Aircraft, by Z. Jankiewicz.
POLISH, per, Skrzydłata Polska, No 3
(549), 1962, pp 8, 9.

*FTD-TT-62-400

Eastern Europe
Military (Contd)

Civil Air, Poland, 3 pp.
POLISH, np, Trybuna Ludu, 22 Dec 1961,
OAIRA, Warsaw.

ID 1499516

Tactics of Armored Troops in the
Past and in the Future, by Aleksander
Cierpicki, 9 pp.
POLISH, per, Wojsko Ludowe, Sep 1961,
pp 51-57.

JPRS 12276

Air Operations in Naval Warfare, by
W. Czarnecki, 5 pp.
POLISH, per, Wojskowy Przegląd
Lotniczy, Vol XV, No 12, 1961, pp 27-32.

JPRS 12800

The Passive Defense of Bombers Against
Fighter Planes, by J. Ostrowski, 12 pp.
POLISH, per, Wojskowy Przegląd
Lotniczy, Vol IX, No 15, 1961,
pp 3-13.

JPRS 12800

Selected Articles From the Polish
Newspaper Zolnierz Wolnosci.

Nov 1961, p 2.
Marksmanship Is no Longer a Problem,
by Romuald Szulewski, 3 pp.

JPRS 12800

14 Nov 1961, pp 1, 4.
New Union Contract for Civil
Workers of Military Institutions,
3 pp.

JPRS 12800

23 Nov 1961, p 5.
Information for Applicants Seeking
Admission to the Military Technical
Academy, 3 pp.

JPRS 12276

No 6, 1962, OUSARMA, Poland,
Encl to R-12-62.
Training Methods and the Possibili-
ties Available Today, by Aleksander
Liga, 3 pp.

ID 2192158

Eastern Europe
Military (Contd)

Selected Articles From the Polish
Newspaper Zolnierz Wolnosci. (Contd)

No 15, 1962, OUSARMA, Poland,
Encl to R-42-62.
Training Methods and the Possibili-
ties Existing Today, by Aleksander
Ligaj, 4 pp.

ID 2192428

Contributions to the Study of Intestinal
Parasitoses in a Military Environment,
by M. Diaconescu, C. Marinide.
RUMANIAN, per, Revista Sanitara Militara,
Vol LV, No 5, 1959, pp 778-786.

ACSI H-8075-A
ID 2158066

Supplying Military Units With Water, by
M. Gr. Merenteanu, D. Baroi.
RUMANIAN, per, Revista Sanitara
Militara, Vol LV, No 5, 1959, pp 787-800.

ACSI H-8075-B
ID 2158066

The I. A. R. 818: A New Model
Rumanian Aircraft, by Dan Andreescu,
3 pp.
RUMANIAN, per, Tehnica Noua, Vol VIII,
No 16 (308), 19 Apr 1961, p 5.

JPRS 12800

Eastern Europe
Geographic

The Great 1958 Landslide on the Chalk
Cliff North of Sassnitz on Ruegen,
by Theodor Hurtig, 17 pp.
GERMAN, per, Geographische Berichte,
Vol VI, No 18, Feb 1961, pp 1-9.

JPRS 12488

Report of the Meeting of the Economic
Geography Section of the Geographic
Society of the German Democratic
Republic, 29 September 1960 to
1 October 1960, by G. Kehrner, W. Menge,
7 pp.
GERMAN, per, Geographische Berichte,
Vol VI, No 18, Feb 1961, p 68.

JPRS 12388

New Trends in the Hungarian Settle-
ments, by Michael Haltenberger,
(NY-6996).
GERMAN, per, Geographische Rundschau,
Vol XIII, No 11, 1961, pp 432-438.

*JPRS

Change in the Boundaries of Towns,
Cities and Counties, 15 pp.
POLISH, per, Dziennik Ustaw, No 46,
21 Oct 1961, No 49, 16 Nov 1961,
No 51, 29 Nov 1961, Encl to R-491-61.

ID 2188525

Eastern Europe
Sociological

Questions on Literary Criticism, by
Bogomil Nonev, 7 pp.
BULGARIAN, np, Rabotnichesko Delo,
No 21, 21 Jan 1962, p 3.

JPRS 12575

Today Is Childbirth Aid Day, by
Il. Shturkalev, 5 pp.
BULGARIAN, np, Rabotnichesko Delo,
21 Jan 1962, p 26.

JPRS 12703

Progress in Public Health, by
Petur Kolarov, 9 pp.
BULGARIAN, np, Rabotnichesko Delo,
27 Jan 1962, p 2.

JPRS 12703

The Place and the Role of the Upper
Administrative School in the New
System of Higher Education, by
Shefkiya Puzich, 8 pp.
CROATIAN, per, Narodna Uprava,
No 3/4, 1961, pp 137-140.

JPRS 12622

Our New Ordinances on Rules and
Regulations Permitting Abortion,
by Muhidin Suleimanpashich, 7 pp.
CROATIAN, per, Narodna Uprava, No 3/4,
1961, pp 142-144.

JPRS 12622

Free Choice of Doctors, by
Joseph Konforti, 6 pp.
CROATIAN, per, Narodna Uprava,
No 5, 1961, pp 180-182.

JPRS 12622

Establishment of a New System for the
Financing of Physical Culture in the
Community, by Selmo Hashimbegovich, 6 pp.
CROATIAN, per, Narodni Odbor, Vol XIV,
No 12, 1961, pp 649-653.

JPRS 12698

The System and Organization of Legal
Assistance in Accordance With General
Progress in our Country, by
Dushan Aranjelovich, 11 pp.
CROATIAN, per, Narodni Odbor,
Vol XIV, No 12, 1961, pp 680-683.

JPRS 12698

Eastern Europe
Sociological (Contd)

First Experiences With the Carrying
Into Effect of the General Law on the
Organization of the Health Service,
by Sasa Javorina, 17 pp.

CROATIAN, per, Nova Administracija,
No 10, 1961, pp 823-831.

JPRS 12698

The Physician-Specialists, by
Peter Stojanovic, 4 pp.

CROATIAN, per, Politika, 11 Jan 1962.

JPRS 12723

Workers Self-Management and the
Consciousness of Workers, by
Olga Kozomara, 19 pp.

CROATIAN, per, Pregled, Vol XIII,
No 7/8, 1961, pp 57-70.

JPRS 12469

Status and Problems of Schools With
Practical Training, by Mikail Krstic,
53 pp.

CROATIAN, per, Produktivnost, No 7/8,
1961, pp 507-516.

JPRS 12364

Adult Education -- Basic Problems and
Possibilities for Their Solution, by
Dragomir Filipovic, 33 pp.

CROATIAN, per, Produktivnost, No 10,
1961, pp 669-674.

JPRS 12622

The School Centers in the System of
Training Professional Personnel, by
Ratko Jovicic, 28 pp.

CROATIAN, per, Produktivnost, No 10,
1961, pp 675-680.

JPRS 12622

Research in Problems of Delinquent
Youth in Slovenia, by Bronislav Skabarne,
29 pp.

CROATIAN, per, Socijalna Politika,
No 11, 1961, pp 1002-1013.

JPRS 12703

Scholarships to Students in the High
Schools, by B. Dumic, D. Petrovic,
18 pp.

CROATIAN, per, Socijalna Politika,
No 11, 1961, pp 1021-1027.

JPRS 12703

Eastern Europe
Sociological (Contd)

Demographic Sympostum in Smolenice,
V. Srb, 4 pp.

CZECH, per, Demografie, Vol III, No 3,
1961, pp 264, 265.

JPRS 12622

Concepts of the Extent of Subject Matter
Covered by Schools of the Second Cycle,
34 pp.

CZECH, per, Priloha Vestniku Ministerstva
Skolstvi a Kultury, Vol XVII, No 12,
10 Feb 1961, pp 1-12.

JPRS 12723

Selected Articles From the Czech
Periodical Vestnik Ministerstva
Skolstvi a Kultury.

Vol XVII, No 12, 10 Feb 1961, pp 114-116.
Pronouncement of the President of the
Czechoslovak Academy of Sciences and
the Minister of Education and Culture
on 9 December 1960, and the Organization
of the Training of New Scientific
Workers, by Sorm, Frantisek Kahuda,
8 pp.

JPRS 12723

Vol XVII, No 25, 10 Aug 1961, pp 305-308.
Instruction No. 59 of the Czechoslovak
Ministry of Education and Culture, 10 pp.

JPRS 12723

Vol XVII, No 26-27, 20 Aug 1961,
pp 313-315.
The Stand of the Central Committee of
the Czechoslovak Union of Youth on
Questions of Educational Activity of
the Pioneer Organization of the Union
in the School Year 1961-1962, 4 pp.

JPRS 12723

Vol XVII, No 31, 30 Sep 1961, pp 341-346.
Laws, Statutes, Decrees, and State
Directives, 27 pp.

JPRS 12364

Eastern Europe
Sociological (Contd)

Selected Articles From the Czech
Periodical Vestnik Ministerstva
Skolstvi a Kultury. (Contd)

Vol XVII, No 33/34, 31 Oct 1961.
The **Network** of Intermediate
Specialized Schools in the Third
Five-Year Plan, by V. Hendrych,
26 pp, (pp 368-373).

JPRS 12698

Organizational Principles for the
Activities of Experimental Schools,
by O. Simacek, 6 pp, (pp 373-375).

Announcements of Fulfillment of
Dissertation for Docents of Higher
Schools, 4 pp, (pp 379, 380).

Information on Tourist Travel in the
German Democratic Republic, 25 pp.
DANISH, rpt, Information om Individuelle
Turistrejser i den Tyske Demokratiske
Republik.

JPRS 12806

Czechoslovakia and the Soviet Blockade
of Albania, by Zdenek Suda, 5 pp.
FRENCH, per, Est & Ouest, Vol XIV,
No 272, Feb 1962, p 7.

JPRS 12900

Report on Happenings and Employment of
the Schutz - und Bereitschaftspolizer
[Security Police and Standby Police]
From 13 August to 13 November 1961, 18 pp.
GERMAN, rpt, Bericht uber Ereignisse und
Einsatz der Schutz - und Bereitschaftspolizei
vom 13. 8.-13. 11. 1961, 13 Aug-13 Nov 1961.

ACSI I-0685
ID 2186155

Communication of the Higher Schools
Department of the Ministry of National
Education on the Future Conduct of
Instruction in General Schools Starting
January 1962, by Beier, 9 pp.
GERMAN, np, Deutsche Lehrerzeitung,
No 50, 15 Dec 1961, p 5.

JPRS 12703

Eastern Europe
Sociological (Contd)

Establishments for Vocational Training,
by Hasler, 3 pp.

GERMAN, np, Deutsche Lehrerzeitung,
No 50, 15 Dec 1961, p 5.

JPRS 12703

My Experiences in the Development of a
School Collective, by Johannes Turczynski,
18 pp.

GERMAN, per, Paedagogik, Vol XVI, No 10,
1961, pp 900-909.

JPRS 12364

Retirement and Pensions, 5 pp.

POLISH, rpt, 1961, OUSARMA, Poland,
Encl to R-519-61.

ID 2188833

Selected Articles From the Polish Periodical
Farmacja Polska, Vol XVII.

JPRS 12589

No 12, 25 Jun 1961, pp 250, 251.

Report From the Warsaw Pharmaceutical
Section, 11 pp.

No 13, 10 Jul 1961.

Report From the Administration of
Pharmacies of the Wroclaw Wojewodztwo,
5 pp, (p 268).

Conditions of Postgraduate Training
in Pharmacy, 11 pp, (p 278).

No 18, 23 Sep 1961, p 391.

Report From the Krakow Branch of the
Polish Pharmaceutical Society, 11 pp.

National Conference on School Hygiene, by
J. Kopczynska, 3 pp.

POLISH, per, Pediatrica Polska, Vol XXV,
No 8, 1960, pp 933, 934.

JPRS 12564

Eastern Europe
Sociological (Contd)

Selected Articles From the Polish
Periodical Zdrowie Publiczne,
No 4, 5, 1961.

JPRS 12703

Industrial Injuries and the Problems
of Industrial Safety and Hygiene, by
Maria Boguszewska, 13 pp, (pp 305-312).

Accidents and Conditions of Safety
and Hygiene in Farming, by
J. Freytag, W. Pleszczynski, 5 pp,
(pp 339-343).

Economic Effects of Sickness
Absenteeism in Poland Based on a
Study of Accidents, by
Krystyna Miesowiczowa, 6 pp,
(pp 345-349).

Child Casualties in the Years
1953-1960, by I. Gizycka,
Halina Kotorowicz, 15 pp, (pp 387-398).

Role of the Theoretical Work of the Party
in the Triumph of Socialism and Development
of Philosophic and Sociopolitical Thought
in Rumania, 19 pp.
RUMANIAN, per, Cercetari Filozofice, Vol III,
No 5, 1961, pp 1059-1074,

JPRS 12550

Growth of the Role of the Collective in
Development of the Socialist Juridical and
Moral Awareness of the Workers, by
M. Popovici, 16 pp.
RUMANIAN, per, Cercetari Filozofice, Vol III,
No 5, 1961, pp 1097-1111.

JPRS 12550

Important Tasks Facing the Labor Hygiene
Sections in the Sanepids, by E. Andreescu, 5 pp.
RUMANIAN, pp, Muncitorul Sanitar, Vol XII,
No 50 (602), 16 Dec 1961, p 2.

JPRS 12364

Methods for Planning the Activity of the
Labor Hygiene Sections in the Sanepids, by
I. Dascalu, 4 pp.
RUMANIAN, pp, Muncitorul Sanitar, Vol XII,
No 51 (603), 23 Dec 1961, p 3.

JPRS 12364

Eastern Europe
Biographic

Professor Dimitur Dalev, 60 Years Old,
5 pp.

BULGARIAN, per, Farmatsiya, Vol XI,
No 1, 1961, pp 3, 4.

JPRS 12585

Seventieth Birthday of Prof Dr Jaroslav
Jedlicka, by Josef Plojhar, Rudolf Krivinka,
17 pp.

CZECH, per, Rozhledy v Tuberkulose a
Nemocech Plcnich, Vol XXI, No 6, 1961,
pp 418-425.

JPRS 12815

Sixtieth Birthday of Frantisek Nemejc,
Doctor of Natural Sciences and University
Professor, by Blanka Pacltova, 4 pp.
CZECH, per, Vestnik Ustredniko Ustavu
Geologickeho, Vol XXXVI, No 3, 1961,
pp 237-239.

JPRS 12418

Biography of Dr. Aladar Schleicher, by
Jozsef Vero, (NY-6922).

HUNGARIAN, per, A Magyar Akademia
Muszaki Tudomnyok Osztalyanak
Kozlemenyei, Vol XXIX, No 1/4, 1961,
pp 39-42.

*JPRS

Biography of Dr H. Mlodecki, 13 pp.
POLISH, per, Farmacja Polska, Vol XVII,
No 15/16, 25 Aug 1961, p 334.

JPRS 12589

NORTHERN EUROPE

Economic

Schematic Outline to the Regional
Plan for Urban Development up to 1980
in Copenhagen, Frederiksberg and
Roskilde Counties, 25 pp.
DANISH, rpt, Principskitse til Egnssplan
for Byudviklingen Indtil 1980 i
Kobenhavn, Frederiksborg og Roskilde
Amter, Dec 1961, 47 pp.

ACSI I-0817
ID 2186180

Railroad Shipments of Unusually Heavy
or Bulky Items, 10 pp.
FINNISH, per, Rautatie Liikenne, No 10,
1961, OUSARMA, Finland, Encl to R-12-62.

ID 2192172

Selected Articles From the Icelandic
Periodical Frjals Verzlun.

ACSI I-0680
ID 2186154

Vol I, 1960, pp 17-20.

A. Vestmannaeyjar, by Gudlaugur
Gislason, 11 pp.

Vol II, 1960, pp 5-8.

B. Isafjordur - Its Development and
Future, by Matthias Bjarnason, 7 pp.

Vol III, 1960, pp 10-15.

C. The Development of the Road
System in Iceland, by
Sverrir Scheving Thorsteinsson,
15 pp.

Vol IV, 1960.

D. Studies of Road Surfaces and
Concrete Pavements, by
Sverrir Scheving Thorsteinsson,
9 pp, (pp 8-12).

F. Akureyri, by Johas G. Rafnar,
8 pp, (pp 16-19).

Northern Europe
Economic (Contd)

Selected Articles From the Icelandic
Periodical Frjals Verzlun. (Contd)

ACSI I-0680
ID 2186154

Vol V, 1960, pp 19-23.
E. Siglufjordur, by Stefan Fridbjarnarson,
8 pp.

Vol VI, 1960, pp 9-12.
G. Housing Shortage and Finished Streets,
by Valdimar Kristinsson, 8 pp.

Utilization of Sawdust in the Wallboard
Industry, by K. Helge.
NORWEGIAN per, Norsk Skogindustri,
Vol XI, No 4, 1957, pp 124-130.

CSIRO 3658

Railway Flora: Effects of a Century of
Railway Development, by E. Almquist.
SWEDISH, per, Svensk Botanisk Tidskrift,
Vol LI, No 1, 1957, pp 223-263.

CSIRO 3675

Power Fuels Office Operations During 1959.
SWEDISH, per, Svensk Intendentur
Tidskrift, No 5, 1960, pp 113-121.

ACSI H-8795-A
ID 2191501

A Comparative Study of Several Methods
for the Determination of the Isotopes
P³², and S³⁵ in Plant Material.
SWEDISH, per, Svensk Paperstidning,
Vol LIX, No 9, 1956, pp 329-334.

CSIRO 3636

Northern Europe
Political

Danish Communist Party Chairman on 22d
CPSU Congress, by Preben Henriksen, 7 pp.
DANISH, np, Land og Folk, Vol XXI, No 76,
20 Dec 1961, pp 9, 10.

JPRS 12632

Danish Communist Party Chairman on
22d CPSU Congress, by Preben Henriksen,
6 pp.
DANISH, np, Land og Folk, Vol XXI, No 78,
22 Dec 1961, pp 9, 10.

JPRS 12632

Danish Dissident Communist Analysis of the
Moscow Trials of 1936-1938, by Junius, 6 pp.
DANISH, np, SFNYT, Vol IV, No 1, 1962,
pp 9, 12.

JPRS 12615

Comments From Danish Socialist Students
on Principles and Goals, 5 pp.
DANISH, np, SF, Ugeblad for Socialistisk
Folkeparti, Vol III, No 39, 41;
29 Sep 1961-13 Oct 1961.

JPRS 12568

Common Sense About Danish Foreign Policy,
by Aksel Larsen, 14 pp.
DANISH, np, SF, Ugeblad for Socialistisk
Folkeparti, Vol III, No 42, 20 Oct 1961,
pp 7-10.

JPRS 12568

A Danish View of De-Stalinization, by
Kai Moltke, 5 pp.
DANISH, np, SF, Ugeblad for Socialistisk
Folkeparti, Vol III, No 48, 1 Dec 1961,
pp 4, 10.

JPRS 12568

Danish Communist Criticism of Socialist
People's Party, by Ib Norlund, 33 pp.
DANISH, per, Tiden, Vol XXII, No 8, 1961,
pp 207-218.

JPRS 12631

On the International Unity of the
Communist Movement, by Ib Norlund, 28 pp.
DANISH, per, Tiden, Vol XXIII, No 1,
Jan/Feb 1962, pp 1-13.

JPRS 13048

Northern Europe
Political (Contd)

An SF Writer's Arbitrariness, by
Gelius Lund, 8 pp.
DANISH, per, Tiden, Vol XXIII, No 1,
Jan/Feb 1962, pp 15-17.

JPRS 13048

Repercussions of the 22d CPSU Congress --
A Dutch Dissident Communist View, by
Henk Gortzak, 10 pp.
DUTCH, per, De Brug, Vol IV, No 16,
Feb 1962, pp 1, 2.

JPRS 12900

Speech to Finnish Political Science
Association, by Bruno Kreisky, 7 pp.
FINNISH, Encl 1 to Desp 295, AmEmbassy,
Helsinki, 12 Dec 1961.

Dept of State

Speech on Neutrality and National
Defense, by President Urho Kekkonen, 5 pp.
FINNISH, Encl 1 to Desp 338, AmEmbassy,
Helsinki, 2 Jan 1962.

Dept of State

Two Campaign Speeches, by Kekkonen,
11 pp.
FINNISH, Encl 1, 2, to Desp 355,
AmEmbassy, Helsinki, 9 Jan 1962.

Dept of State

Agreement on Icebreaker Cooperation,
7 pp.
FINNISH, Encl 1 to 22-62 to USNA,
Helsinki, 24 Jan 1962.

Dept of Navy
ONI 5137995

Speech on Occasion of Re-election, by
Urho Kekkonen, 4 pp.
FINNISH, Encl 1 to Desp 439, AmEmbassy,
Helsinki, 15 Feb 1962.

Dept of State

Finnish Political Party Programs, 8 pp.
FINNISH, np, Helsingin Sanomat,
31 Jan 1962; Encl 1 to Desp 411,
AmEmbassy, Helsinki, 2 Feb 1962;
Embdes 389, 26 Jan 1962.

Dept of State

Northern Europe
Political (Contd)

Finnish Communist Leader on the Dangers
of Alliances With Capitalists, by
Aimo Aaltonen, 4 pp.
FINNISH, np, Kansan Uutiset, 4 Feb 1962,
p 4.

JPRS 12780

Ville Pessi Reports to Finnish CP
Central Committee, on CPSU 22d Congress,
by Ville Pessi, 9 pp.
FINNISH, per, Kommunisti, No 10, 1961,
pp 368-373, 376.

JPRS 12871

Conflict at the Stockholm World Peace
Council, 5 pp.
ITALIAN, np, l'Unita, 23 Dec 1961, p 11.

JPRS 12693

New Year's Day Address, by Einar Gerhardsen,
5 pp.
NORWEGIAN, Encl 1 to Desp 303, AmEmbassy, Oslo,
8 Jan 1962.

Dept of State

Interview With Finland's President Kekkonen,
4 pp.
NORWEGIAN, np, Arbeiderbladet, 8 Feb 1962;
Encl 1 to Desp 357, AmEmbassy, Oslo,
9 Feb 1962.

Dept of State

Norwegian Article Views CPSU Program, by
H. Holm, 4 pp.
NORWEGIAN, np, Friheten, Vol XXI, No 280, 281,
3/4 Dec 1961.

JPRS 12568

The Party -- Yesterday, Today, and in the
Future, by Henry Hoff, 11 pp.
NORWEGIAN, np, Friheten, Vol XXII, No 21/22,
25/26 Jan 1962.

JPRS 12618

Communism, Larsen Model.
SWEDISH, per, Industria, No 5, 1961,
pp 56-59, 67, 80.

Navy Tr 3039/ONI 876

From Dictatorship of the Proletariat to
Social Self-Government, by Axel Jansson,
7 pp.
SWEDISH, np, Ny Dag, No 25, 31 Jan 1962, p 2.

JPRS 12618

26 February Statement on Workers' Demands
in Connection With Fall Elections, 5 pp.
SWEDISH, np, Ny Dag, 24, 26 Feb 1962.

JPRS 12900

Northern Europe
Military

Selected Articles From the Norwegian
Periodical Nytt Fra Hkt, No 1, 1958,
Encl No 1 to R-207-58.

ACSI I-0972
ID 2085219

A. Horse Company, by Johan Bye, (p 14).

B. Carts in Our Horse Companies, by
Johan Bye, (p 19).

C. Use of Horse Companies in the
Field, by Truls Egge, (p 20).

D. Obsolete Blood in the Horse Units
by Arve Rolstad, (p 29).

Procurement of the M/60 Uniform.
SWEDISH, per, Svensk Intendentur
Tidskrift, No 5, 1960, pp 140, 141.

ACSI H-8795-B
ID 2191501

Military Food Rationing - Some Facts, 7 pp.
SWEDISH, per, Tidskrift Militar Halsovard,
No 1, 1961, 7 pp.

ACSI I-0857
ID 2186194

NEAR EAST/AFRICA

Economic

Iraq's Five Year Economic Plan,
28 pp.
ARABIC, Encl 1 to Desp 400, AmEmbassy,
Baghdad, 5 Dec 1961.

Dept of State

Agreement of Economic Cooperation
Between the Iraqi Republic and the
Syrian Arab Republic, 10 pp.
ARABIC, Encl 1 to Desp 433, AmEmbassy,
Baghdad, 23 Dec 1961; CERP: D-13.

Dept of State

Boycott of Israel Notifications, 12 pp.
ARABIC, Encl 1 to Desp 434, AmEmbassy,
Baghdad, 23 Dec 1961; CERP, Section D,
Item f.

Dept of State

High Dam Electricity for Wadi Al-Jadid
From Atomic Energy Station, 4 pp.
ARABIC, np, Al-Ahram, Vol LXXXVII,
No 27385, 4 Dec 1961, p 15.

JPRS 12464

LE 3.5 Million Spent in Building New
Roads For Wali Al-Jadid, 4 pp.
ARABIC, np, Al-Ahram, Vol LXXXVII,
No 27385, 4 Dec 1961, p 16.

JPRS 12464

Interministerial Instruction Concerning
the Presentation of Applications Made
to Benefit From the Provisions of the
Investment Code, 7 pp.
FRENCH, Encl 1 to Desp 126, AmEmbassy,
Tananarive, 2 Feb 1962; CERP, D-13;
Embassy's D-89, 28 Dec 1961, D-81,
7 Dec 1961.

Dept of State

Trade and Payments Agreement Between
Lebanon and Poland, 13 pp.
FRENCH, np, Le Commerce du Levant,
Nov 1961; Encl 1 to Desp 338, AmEmbassy,
Beirut, 21 Dec 1961; CERP, D-13;
Embd 68, 2 Aug 1960.

Dept of State

Near East/Africa
Economic (Contd)

Trade and Payments Agreement Between
Lebanon and Czechoslovakia, 13 pp.
FRENCH, np, Le Commerce du Levant,
22 Nov 1961; Encl 1 to Desp 340, AmEmbassy,
Beirut, 22 Dec 1961; CERP, D-13.

Dept of State

The National Industrial Potential and
National Defense.
GREEK, rpt, Athanasios Giannouloupoulos,
Col Infantry, 1958, pp 44-49.

*ACSI I-0978
ID 2191524

Selected Articles From the Hebrew
Newspaper Davar.

9 Nov 1961.
Action Plan of the Histadrut, 4 pp,
(p 3).

JPRS 12793

A. Becker Outlines Activity for Next
Two Years, 27 pp, (pp 3, 4).

The Kuppas Cholim Needs Additional
Income, by M. Sorokah, 6 pp, (p 4).

9, 10 Nov 1961.
Y. Levy Submits Budget of Executive
Committee for 1962, 15 pp.

19 Nov 1961.
We Should Not Set an Example for
the Raising of Taxes, by E. Drukman,
4 pp, (p 4).

JPRS 12793

Unorganized Workers Endanger His-
tadrut Achievements, by Y. Haskin,
4 pp, (p 5).

JPRS 12879

Workers Should Share Company Pro-
fits, by D. Tsimand, 4 pp, (p 5).

JPRS 12879

Stabilization of the Worker's Economy
and Activity in the Development
Areas, by Y. Efer, 3 pp, (p 5).

JPRS 12879

Near East/Africa
Economic (Contd)

Selected Articles From the Hebrew
Newspaper Davar. (Contd)

19 Nov 1961.

There Has Been a Change for the
Worse, by M. Aram, 6 pp, (p 5).

JPRS 12879

Budget of the Histadrut Must Provide
More for Manufacturing Enterprises,
by K. Bialer, 3 pp, (p 5).

JPRS 12879

21 Nov 1961.

Tax Increase Necessary, by U. Alpert,
3 pp, (p 4).

JPRS 12879

Workers Economy Will Continue Its
Pioneering Tasks, by Z. On, 4 pp,
(p 4).

Expanding Housing for Families With
Many Children, by 'E. Haddad, 4 pp,
(p 5).

Budget of Kuppat Cholim Must Be Balanced
From Members' Dues, by Y. Shapira, 3 pp,
(p 5).

Operation of the Port of Istanbul, 6 pp.
TURKISH, rpt, Nov 1961, OUSARMA, Turkey,
Encl to R-377-61.

ID 2189771

Near East/Africa
Political

Budget For Fiscal Year 1381-1382
Statement "B" Expenditures, 7 pp.
ARABIC, Encl 3-4 to Desp 188, AmEmbassy,
Jidda, 18 Jan 1962; CERP, B-200;
Embtel 354, 9 Dec 1961; Embdes 164,
12 Dec 1961.

Dept of State

Budget Statement of the Minister of
Finance, 5 pp.
ARABIC, Encl 5 to Desp 188, AmEmbassy,
Jidda, 18 Jan 1962; CERP, B-200;
Embtel 354, 9 Dec 1961; Embdes 164,
12 Dec 1961.

Dept of State

National Democrats Throughout the
Republic Celebrate the Return of Al
Ahali to Publication, 5 pp.
ARABIC, np, Al Ahali, 25 Aug 1961,
p 4.

JPRS 12840

Memorandum of the Democratic National
Party Karbala' Province Branch, Con-
cerning the Province's Problems, 4 pp.
ARABIC, np, Al Ahali, 27 Aug 1961,
pp 1-5.

JPRS 12840

The Case of the Arab Refugees in Its
Newest Stage, by Emil Tuma, 4 pp.
ARABIC, np, al-Ittihad, Vol XVIII,
No 33, 1 Sep 1961, p 2.

JPRS 12569

New Ideology of the Mapai Arab
Zionists, by Emil Tuma, 5 pp.
ARABIC, np, al-Ittihad, Vol XVIII,
No 34, 5 Sep 1961, p 2.

JPRS 12569

Secretary General of Israeli Communist
Party Says the Party Will Continue
Struggle for a Government Without
Ben Gurion, by Samuel Mekones, 3 pp.
ARABIC, np, al-Ittihad, Vol XVIII,
No 35, 8 Sep 1961, p 2.

JPRS 12569

Near East/Africa
Political (Contd)

Certain Legislative and Administrative Texts From Selected Issues of the United Arab Republic Publications, 71 pp.

ARABIC, np, Al-Jaridah ar-Rasmiyyah, Al-Waga'e al-Masriyyah, 26 Nov-21 Dec 1961.

JPRS 12401

New Year's Speech and the 1962 National Budget, by President Maga, 5 pp.

FRENCH, Encl 1 to Desp 105, AmEmbassy, Cononou, 18 Jan 1962; CERP B-200.

Dept of State

Good and Bad Fortunes of Communism in Africa, 12 pp.

FRENCH, per, Est et Quest, Vol XIV, No 271, 16-31 Jan 1962, pp 1-5.

JPRS 12627

II. Communism in Southern Africa, by Nicolas Lang, 8 pp.

FRENCH, per, Est et Quest, Vol XIV, No 271, 16-31 Jan 1962, pp 5-7.

JPRS 12627

The National Liberation Movement and the Algerian Experience, by Sadek Hadjeres, 17 pp.

FRENCH, np, France Nouvelle, No 850, 31 Jan-6 Feb 1962, pp 21-23.

JPRS 12735

Tunisian Communist Party Secretary on the 22d CPSU Congress, by Mohamed Harmel, 7 pp.

FRENCH, per, Tribune du Progres, No 12-13, Nov-Dec 1961, pp 7, 11.

JPRS 12612

The New Fiscal Regime, 17 pp.

FRENCH, np, La Vie Economique, 29 Dec 1961; TOAID A-220.

Dept of State
Intl Corp Admin

Operating Rule Book - 1953.

GREEK, bk, Genikos Kanonismos Kiniseos - 1953, Encl No 6 to R-468-55, Army - A Greece, 173 pp.

*ACSI I-1057
ID 1298071

Near East/Africa
Political (Contd)

FLN Member Discusses the Arab-Israeli Dispute, by Robert Mizrahi, 5 pp.

HEBREW, np, Al Hamishmar, 28 Jul 1961, p 3.

JPRS 12696

Ehrenberg Severely Criticized, by Marc Geffen, 4 pp.

HEBREW, np, Al Hamishmar, 28 Jul 1961, p 4.

JPRS 12696

For Renewed Vigor in Histadrut Activities, by A. Becker, 6 pp.

HEBREW, np, Davar, 19 Nov 1961.

JPRS 12879

Histadrut's Place in the Light of Its Great Mission, by Berl Repetur, 6 pp.

HEBREW, np, Davar, 21 Nov 1961, p 5.

JPRS 12879

Selected Articles From the Hebrew Newspaper Kol Haam.

8 Sep 1961.

JPRS 12569

The Facts Speak for Themselves on Soviet Nuclear Testing, by Dov Meron, 4 pp.

22 Sep 1961, p 2.

JPRS 12569

Katanga and the Moral for Israel, by Dov Meron, 3 pp.

29 Sep 1961, pp 1, 6.

JPRS 12569

Background of the Syrian Revolt, 3 pp.

No 4487, 19 Nov 1961, p 2.

JPRS 12719

Israeli Delegate Describes Conference of International Federation of Democratic Women Budapest, October 1961, by Doba Yaffe, 6 pp.

Near East/Africa
Political (Contd)

Selected Articles From the Hebrew
Newspaper Kol Haam. (Contd)

No 4526, 3 Jan 1962, pp 1, 3.
Report on Conference of Central
Committee of Federation of Com-
munist Youth of Israel, 4 pp.

JPRS 12613

22 Jan 1962, p 1.
Summary of Transactions, 7 pp.

JPRS 12755

26, 28 Jan 1962.
Vilner's Speech on "Political
Developments in the World and in
Israel and the Party's Action
Program, 41 pp.

JPRS 12755

28 Jan 1962.
Expanding Maki Ranks Is of Concern
to all Workers, 5 pp, (p 1).

JPRS 12804

III. Program for Doubling Party
Membership by The 15th Congress,
6 pp, (pp 1-4).

2 Feb 1962, pp 3, 6.
Broadening Party Ranks: A Vital
National and Close Need, by
Meir Vilner, 8 pp.

JPRS 12804

FLN's Civil Government Is Poorly
Equipped to Govern Algeria, by
Albert Henrik Mohn, (DC-6690).
NORWEGIAN, np, Verdensgang, 27 Feb 1962,
p 1.

*JPRS

FLN Is Not Communist-Infiltrated, by
Albert Henrik Mohn, (DC-6690).
NORWEGIAN, np, Verdensgang, 27 Feb
1962, p 1.

*JPRS

Tranquility, by Dogan Avciloglu, 4 pp.
TURKISH, np, Yon, No 2, 27 Dec 1961;
Encl 2 to Desp 369, AmEmbassy, Ankara,
23 Jan 1962.

Dept of State

Near East/Africa
Military

UAR Training Manual - Crossing of
Water Obstacle - All Weapons, 45 pp.
ARABIC, bk, 1956, 107 pp.

ACSI I-0027
ID 2174794

IDF Armored Corps, 4 pp.
ARABIC, rpt, 24 Oct 1961, Encl to
R-242-61.

ID 2188915

Decree No 356, 15 pp.
ARABIC, np, Al Waqa'i' al 'Iraqiyah,
No 555, Aug 1961, pp 2-15.

JPRS 12840

The Military Situation in Algeria
for the Months September, October and
November, 1961, by Major Bourgue,
6 pp.
FRENCH, Encl 1 to Desp 159, AmCongen,
Algiers, 26 Dec 1961.

Dept of State

Per Diem Travel and Transfer Allow-
ances of Military Personnel, 17 pp.
FRENCH, per, Official Gazett, No 4,
4 Jan 1961, OUSARMA, Beirut, Lebanon,
Encl to R-209-61.

ID 2189481

Current Turkish Army Supply Proce-
dures, by H. Timocin, 20 pp.
TURKISH, per, Kara Kuvvetleri Dergisi,
No 10-11, 1961, pp 13-15, 101-121.

ACSI I-0669
ID 2186152

Near East/Africa
Geographic

International West-African Atlas,
by Th. Monod, 108 pp.
FRENCH, rpt, Institute Francais
D'Afrique Noire, 25 Nov 1960, pp 9-61.

JPRS 12985

In Southern Arabia, by A. Shvakov,
(DC-6717).
RUSSIAN, per, Aziya i Afrika Segodnya,
No 7, 1961, pp 32-33.

*JPRS

Ancient Yemen Today, by B. Seyranyan,
(DC-6717).
RUSSIAN, per, Aziya i Afrika Segodnya,
No 10, 1961, pp 44-46.

*JPRS

The Sea Locks of Yemen, by A. Stupak,
(DC-6717).
RUSSIAN, np, Za Rubezhom, No 20,
20 May 1961, pp 16-18.

*JPRS

Near East/Africa
Sociological

Construction of New Happy Society in
Wadi Al-Jadid, 6 pp.

ARABIC, np, Al-Ahram, Vol LXXXVII,
No 27385, 4 Dec 1961, p 13.

JPRS 12464

Wadi Al-Jadid Inhabitants Thank
President of the Republic, 7 pp.

ARABIC, np, Al-Ahram, Vol LXXXVII,
No 27358, 4 Dec 1961, p 17.

JPRS 12464

Announcement to Owners of Principal
Bookshops in Baghdad, 5 pp.

ARABIC, np, Al Waqa'i al Iraqiyah,
No 558, 6 Aug 1961, pp 5-8.

JPRS 12460

The Sereres, by Henry Gravrand, 8 pp.

FRENCH, per, Afriques Magazine, Vol XXIV,
No 2, Mar 1959, pp 14, 16-18.

JPRS 12377

The Dogons, by Monsignor Rene Landru,
5 pp.

FRENCH, per, Afriques Magazine,
Vol XXIV, No 2, Mar 1959, pp 19-21.

JPRS 12877

The Malinke, by Monsignor Courtois,
5 pp.

FRENCH, per, Afriques Magazine,
Vol XXIV, No 2, Mar 1959, pp 22-24.

JPRS 12877

A Note on the Somonos (Segou), by
R. Pageard, 3 pp.

FRENCH, per, Notes Africaines, No 89,
Jan 1961, pp 17, 18.

JPRS 12877

Selected Articles From the Hebrew
Newspaper Davar.

10 Nov 1961, pp 12, 13;

19 Nov 1961, pp 5, 6.

General Debates in Executive Com-
mittee Session, 5 pp.

JPRS 12793

Near East/Africa
Sociological (Contd)

Selected Articles From the Hebrew
Newspaper Davar. (Contd)

19 Nov 1961.

Need for a Deepening of Values, by
R. Bash, 4 pp, (p 4).

JPRS 12793

An Ideological Change Is Necessary,
by M. Talmi, 5 pp, (p 4).

JPRS 12793

Deficiencies Should Be Corrected,
by Y. Sha'ari, 6 pp, (p 4).

JPRS 12793

Women Workers Movement - Pioneer
of the Histadrut's Mission, by
Bebe Idelson, 5 pp, (p 4).

JPRS 12793

Let There Be a Proper Place for
Religious-Traditional Education,
by A. Erlich, 4 pp, (p 5).

JPRS 12879

The Histadrut Stabilizes the Social
Shape of the Country, by M. 'Etsyon,
4 pp, (p 5).

JPRS 12879

21 Nov 1961.

Organization of Workers and a
Working Society, by P. Lavon, 12 pp,
(p 4).

JPRS 12879

Values of the Histadrut Should Be
Preserved, by Z. Haring, 5 pp,
(p 5).

More Contact With the Common Member,
by Y. Mashal, 6 pp, (p 5).

The Religion of the Quiocos, by
Eduardo dos Santos, 11 pp.

PORTUGUESE, per, Boletim do Instituto
de Angola, No 11, Jul-Dec 1958, pp 27-52.

JPRS 12877

Near East/Africa
Sociological (Contd)

Ethnographic Sketch of the Natives
of the Portuguese Congo, by Helio
Felgas, 41 pp.

PORTUGUESE, per, Mensario Admini-
strativo, Nos 149-154, Jan-Jun 1960,
pp 31-63.

JPRS 12877

The New States of Africa, by
R. M. Ismagilova, 26 pp.

RUSSIAN, per, Svet Etnografiya,
No 4, 1961, pp 147-165.

JPRS 12408

ASIA

Economic

Technical Reform Exhibition in the
City of Canton, 70 pp.

CHINESE, pamphlet, Kuang-chou Shi
Chi-shu Ke-hsin Chan-lan-hui,
Jul 1958, pp 1-20.

JPRS 12725

Supply and Demand of Durable Consumer
Goods in Communist China, by Hideo
Yonezawa, 9 pp.

CHINESE, per, Ajia Keizai Jumbo, No 486,
21 Nov 1961, pp 1-9.

JPRS 12558

Communist China's Price Policies,
by Yonezawa Hideo, 51 pp.

CHINESE, per, Chugoku Kenkyu Geppo,
No 163, 2 Nov 61, pp 1-31

JPRS 12670

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

No 23, 1 Dec 1961, pp 27-31.
Correctly Deal With the Economic
Difference Existing in the Rural
Communes, by Ho Yu, 7 pp. (pp 27-31.)

JPRS 12404

No 24, 16 Dec 1961.
Several Problems Concerning
Technical Work in Industry, by
Han Kuang, 12 pp. (pp 1-7.)

JPRS 12440

US Imperialist Control Over Japanese
Monopoly Capital, by Ming K'o,
13 pp. (pp 10-17.)

China's Crop Rotation Systems, by
Kao Hui-min, 12 pp. (pp 18-24.)

Discussions on the Question of
Internal Contradictions of Machine
Tools, 5 pp. (pp 38, 39.)

Asia
Economic (Contd)

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

No 1, 1962, JPRS 12782
Go All Out to Strive for New
Victory in Socialist Construction,
7 pp. (pp 1-5.)

The Question of Authority in
Socialist Economic Work - After
Reading Engels' "On Authority"-,
by Hai Po, 8 pp, (pp 27-31.)

Make a Success of the Financial
Work of People's Communes, by
Chu Kuang-fu, 7 pp, (pp 32-35.)

No 2, 16 Jan 1962, pp 33-37. JPRS 12970
On the System of Workers' Congresses
in State-Operated Enterprises, by
Li Jun-chih, 8 pp.

Selected Translations From the Chinese
Newspaper Jen-min Jih-pao (People's Daily).

No 50, 26 Nov-4 Dec 1961	JPRS 12430
No 52, 6-14 Dec 1961	JPRS 12431
No 53, 15-18 Dec 1961	JPRS 12563
No 54, 19-24 Dec 1961	JPRS 12511
No 55, 27-30 Dec 1961	JPRS 12533
No 56, 25 Dec 61-10 Jan 1962	JPRS 12586
No 57, 3-14 Jan 1962.	JPRS 12605

Selected Translations From the Chinese
Newspaper Kuang-ming Jih-pao.

No 20, 4-8 Dec 1961	JPRS 12472
No 21, 10-29 Dec 1961	JPRS 12524
No 21, 26 Dec 1961-11 Jan 1962	JPRS 12691
No 22, 30 Dec 1961-4 Jan 1962	JPRS 12692

Asia
Economic (Contd)

How to Strengthen the System of
Responsible Production in Production
Teams, by Chen Chih, 4 pp.
CHINESE, per, Shih-shih Shou-ts'e,
No 18, 21 Sept 1961, pp 8-10.

JPRS 12594

What the Manufacturing of the Tense
Situation by US Imperialism Explained,
by Shih Chien, 9 pp.
CHINESE, per, Shih-shih Shou-ts'e,
No. 18, 21 Sept 1961, pp 22-27.

JPRS 12594

How to Interpret the Conference of
Unaligned Nations, by Hsin Ming, 6 pp.
CHINESE, per, Shih-shih Shou-ts'e, No. 18,
21 Sept 1961, pp 37-39.

JPRS 12594

Selected Translations From the Chinese
Newspaper Ta Kung Pao.

No 32, 29 Oct-15 Nov 1961
No 33, 18 Nov-10 Dec 1961
No 34, 4-24 Dec 1961

JPRS 12287
JPRS 12496
JPRS 12592

Problems of the Chinese Economy,
(NY-6703).
GERMAN, np, Neue Zurcher Zeitung und
Schweizerisches Handelsblatt,
No 28-29, 30-31 Jan 1962, p 10.

*JPRS

The Drive to Become Self-Supporting
in Clothing As Part of the First
Stage of the Universal Development
Plan, by Dr Bintarto Hardjosuwignjo,
4 pp.
INDONESIAN, per, Gadjah Mada, No 4,
Oct 1961, pp 239-242.

JPRS 13040

Asia
Economic (Contd)

Embark Upon 1001 Ways to Increase the
Production of Foodstuffs!, 9 pp.
INDONESIAN, np, Harian Rakjat, Vol XII,
No 3036, 9 Feb 1962, p 3. JPRS 12781

Plan for the Execution of Economic
Development, by Adnan Koesoema, 9 pp.
INDONESIAN, per, Industri, No 3/4,
Apr 1961, pp 4-8. JPRS 13040

Private Industry and Its Place in
the Process of Industrialization,
by Joes. Koesoemodirdjo, 4 pp.
INDONESIAN, per, Industri, No 3/4,
Mar-Apr 1961, pp 10, 11. JPRS 13040

Reviewing the Activities of Transistor
Radio Manufacturing Co Ltd, 4 pp.
INDONESIAN, per, Industri, No. 3/4,
Mar-Apr 1961, pp 20-21, 40. JPRS 13040

Economic Development in Riau Province,
3 pp.
INDONESIAN, per, Merdeka, No. 38,
23 Sept 61, pp 20, 21. JPRS 13040

First Stage of the Three Year Plan,
3 pp.
INDONESIAN, per, Merdeka, No. 49,
9 Dec 61, p 8. JPRS 13040

Basic Thoughts About the Organization
of the Labor Market in Indonesia, by
A. R. Krul, 5 pp.
INDONESIAN, per, Tindjauan Masalah
Perburuhan, Oct/Nov/Dec 1960,
No 6/7/8, pp 5-7. JPRS 13040

Coal and Cement Production, 4 pp.
INDONESIAN, per, Warta Ekonomi,
8 Jul 1961, p 426. JPRS 13040

Asia
Economic (Contd)

- Monetary and Financial Development of the Country Over the Period 1960-1961, 7 pp.
INDONESIAN, per, Warta Ekonomi, 8 Jul 1961, pp 462-464. JPRS 13040
- Labor Observations in the United States, by Yoko Nakamatsu, 5 pp.
JAPANESE, per, Konnichi-no-Ryukyu, Vol III, No 1, 1959, pp 14-16. ACSI H-2943
ID 2191515
- Machine Building Industry in North Korea, 20 pp.
KOREAN, per, Nitcho Boeki, No 32, Aug 1961, pp 8-15, 20. JPRS 12765
- Metal Industry in North Korea, 20 pp.
KOREAN, np, Nitcho Boeki, No 35, Dec 1961, pp 9. JPRS 12765
- Selected Articles From the Mongolian Newspaper Unen.
- 9 Jun 1961, p 2. JPRS 12623
The Role of Ulan Bator Residents in the Third Five-Year Plan, 14 pp.
- 21 Jun 1961. JPRS 12623
Mongolia's Trade in Forty-Year Post-Revolutionary Period, by D. Dorjgotob, 11 pp, (p 2.)
- Radio Communications in the Forty-Year Post-Revolutionary, by L. Norob, 5 pp, (p 3.)
- 23 Jun 1961, p 3. JPRS 12623
Petroleum Production [Discussion of Experience], by D. Lubsannabaan, 7 pp.

Asia
Economic (Contd)

Selected Articles From the Mongolian
Newspaper Unen. (Contd)

30 Jun 1961, p 3. Radio Communications of the Mongolian People's Republic, by Sh. Gandorj, 7 pp.	JPRS 12623
1 Jul 1961, p 2. Development of Producer Cooperatives, by D. Demchig, 8 pp.	JPRS 12623
24 Jul 1961, p 2. Role of Statistics in the Fulfillment of the Third Five-Year Plan, by D. Batsuh, 8 pp.	JPRS 12623
4 Aug 1961, p 3. Questions of Reclamation of Virgin Lands, by Ch. Rsebegdorj, 5 pp.	JPRS 12623
14 Aug 1961, p 2. Gob'-Altai Aymak During the Third Five-Year Plan, by P. Lubsandorj, 8 pp.	JPRS 12623
20 Aug 1961, p 2. State Help For Stabilization of Agricultural Artels During the Third Five-Year Plan Period, by Ts. Demberel, 8 pp.	JPRS 12623
1 Sep 1961, p 4. UBS Aymak in the Past Thirty Years, by B. Hurmetbek, 8 pp.	JPRS 12501
10 Oct 1961, p 2. Development of Mobsgol Aymak During the Past Thirty Years, by G. Bagaa, 9 pp.	JPRS 12501

Asia
Economic (Contd)

Selected Articles From the Mongolian
Newspaper Unen. (Contd)

24 Oct 1961, p 2. JPRS 12501
Results of Fulfillment of the
First Three Quarters of the 1961
Production Plan, 17 pp.

30 Oct 1961, p 3. JPRS 12501
Veterinary Medicine in Mongolia During
the Third Five-Year Plan, by Ts.
Sugarragcha, 8 pp.

Building Our Pediatrics Branch, by
Nguyen Duy Ngo, 9 pp.
VIETNAMESE, per, Hoc Tap, Oct 1961, JPRS 12808
pp 52-57.

First Experiences Drawn From the
Organization and Proceedings of the
Worker-Functionary Congress in the
Joint State-Private Enterprises in
Hanoi, by Le Tu, 6 pp.
VIETNAMESE, np, Lao Dong, No 974, JPRS 12426
2 Nov 1961, p 2.

Our Workers Responsibility: To Serve
Agriculture in 1962, 3 pp.
VIETNAMESE, np, Lao Dong, 6 Jan 1962, JPRS 12936
p 1.

Selected Articles From the Vietnamese
Periodical Nghien Cuu Kinh Te, Oct 1961. JPRS 12593

Let Us Join Industry and Agriculture,
by Le Vinh, 15 pp. (pp 4-11, 17.)

Raw Material for Light Industry, by
Nguyen Xuan Lai, 12 pp. (pp 12-17.)

About the 1961 Autumn Crop, by La
Huu Quang, 3 pp. (pp 59-60.)

Asia
Economic (Contd)

Selected Articles From the Vietnamese
Periodical Nghien Cuu Kinh Te, Oct 1961.
(Contd)

JPRS 12593

Domestic Commerce in the Past Few
Years, by Vu Po, 15 pp, (pp 64-73.)

Selected Articles From the Vietnamese
Newspaper Nhan Dan.

30 Oct 1961, p 3.
Irrigation Must Enrich the Soil,
by Tran Dang Khoa, 5 pp.

JPRS 12967

31 Oct 1961, p 3.
The Uong Bi Power Complex, 4 pp.

JPRS 12967

13 Nov 1961, p 3.
Tour of Viet Tri Industrial Center,
by Tran Viet, Hoang Minh, 8 pp.

JPRS 12453

14 Nov 1961, p 3.
Labor and Tractive Power for Forest
Production Sector, by Nguyen Van Phuong,
3 pp.

JPRS 12453

17 Nov 1961, pp 1, 2.
Expand the Cultivated Area and Increase
Productivity, 3 pp.

JPRS 12453

21 Nov 1961, p 3.
Economization of Wood, by Hoai Phuong,
6 pp.

JPRS 12685

22 Nov 1961,
Plant More Yams, by Ly Ban, 8 pp,
(p 3.)

JPRS 12567

Sugar and Molasses, by Ha Hoa, 4 pp,
(p 3.)

Asia
Economic (Contd)

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

23 Nov 1961, p 3. Combine the Primitive With Present Methods, by Ha Hoa, 7 pp.	JPRS 12453
30 Nov 1961, p 3. Sugar Production in Van Diem, by Nguyen Dai, 5 pp.	JPRS 12453
2 Dec 1961. Correct Evaluation of Achievements in Good Production, 3 pp, (p 1.)	JPRS 12567
Secondary Economy for Families of Cooperative Members, by Le Trung Viet, 5 pp, (p 4.)	
3 Dec 1961, p 6. Agricultural Maps Needed, by Nguyen Duc Thinh, 8 pp.	JPRS 12567
7 Dec 1961, p 3. Irrigation Must Serve Production in Time, by Duong Quoc Chinh, 5 pp.	JPRS 12567
9 Dec 1961, pp 1, 2. On the Management of Agricultural Cooperatives, 4 pp.	JPRS 12967
10 Dec 1961. Communication and Transport in the Service of Agricultural Production, 4 pp, (pp 1, 2.)	JPRS 12685
New Roads in the Countryside, by Nguyen Hung, Tran Tien Dung, 11 pp, (p 4.)	
Water Conservation and Communication, by Tran Dang, 4 pp, (p 4.)	
13 Dec 1961. Experience Gained Through Cooperative Management, 14 pp.	JPRS 12685

Asia
Economic (Contd)

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

17 Dec 1961, p 3. The Essential Goal of Production Rationalization and Technical Improvement, by Ha Van, 5 pp.	JPRS 12685
20 Dec 1961, p 3. Developing the Raw Material Base of the Light Industries, by Ha Hoa, 6 pp.	JPRS 12567
21 Dec 1961. Early Preparations for the 1962 Plan, 5 pp, (pp 1, 2.)	JPRS 12685
Fish Breeding in North Vietnam in 1962, by Nguyen Huu Thac, 4 pp, (p 3.)	
22 Dec 1961, p 3. Timely Grow Industrial Plants, by Le Duy Khiem, 6 pp.	JPRS 12747
23 Dec 1961, p 3. The Role of Women in the Winter- Spring Season, by Ha Que, 5 pp.	JPRS 12747
29 Dec 1961, pp 1, 2. To Improve Accounting, 4 pp.	JPRS 12747
30 Dec 1961, p 3. The Trail on Waste and Graft at Thang-Long Tobacco Plant, 5 pp.	JPRS 12747
2 Jan 1962. Thanh Hoa Steps Up Production, 5 pp. (p 1, 4.)	JPRS 12747
Achievements of Tran-Hung-Dao Machine Plant, by Le Viet Huong, 8 pp, (p 3.)	

Asia

Economic (Contd)

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

5 Jan 1962, p 3. Availability of Materials and Supplies, by Ngo Huu Ba, 4 pp.	JPRS 12967
6, 7 Jan 1962, p 2. Standardization of Technical Criteria, by Bui Huy Dap, 13 pp.	JPRS 13020
8 Jan 1962, pp 1, 4. Plant More Vegetables and Starch Plants, 4 pp.	JPRS 12994
9 Jan 1962, p 3. Achievements and Prospects in Hai- Phong's Industry, by Hoang Huu Nhan, 8 pp.	JPRS 12994
10 Jan 1962, p 2. Achievements of Vinh-Linh Cooperatives, by Ho Si Than, 4 pp.	JPRS 12994
10-13, 16, 17 Jan 1962, p 3. The 1963 State Plan, by Hoang Tung, 34 pp.	JPRS 12994
14 Jan 1962, pp 2, 3. Directions and Missions of the 1962 State Plan, by Nguyen Duy Trinh, 27 pp.	JPRS 13020
16 Jan 1962, p 2. Suggestions on Cooperative Management, by Phan Quang, 7 pp.	JPRS 12967
18 Jan 1962, p 3. Control, Distribution, and Consumption of Manufactured Goods, by Nguyen Thanh Bing, 15 pp.	JPRS 12994

Asia

Economic (Contd)

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

19 Jan 1962. Build up Agricultural Technical Criteria, by Truong Chinh, 32 pp.	JPRS 13020
Consolidate New Production Relation- ships, by Hoang Tung, 5 pp, (p 3.)	
24 Jan 1962. Wasteful Practices and Bad Work at Construction Sites, by Vu Duc Than, 4 pp.	JPRS 12994
Bright Electricity Picture, by Van Quang, 3 pp. VIETNAMESE, np, <u>Quan Doi Nhan Dan</u> , 23 Nov 1961, p 4.	JPRS 12936
Electric Power in North Viet Nam, by Trinh Trong Thuc, 4 pp. VIETNAMESE, np, <u>Quan Doi Nhan Dan</u> , 23 Nov 1961, p 4.	JPRS 12936
National Mining Conference, by Le Thanh Nghi, 12 pp. VIETNAMESE, per, <u>Tin Tuc Hoat Dong Khoa Hoc</u> , Dec 1961, pp 8-13.	JPRS 12936
Let Us Apply Operations Research in Economic Construction, by Hoang Tuy, 12 pp. VIETNAMESE, per, <u>Tin Tuc Hoat Dong Khoa Hoc</u> , Dec 1961, pp 14-20.	JPRS 12936
A Hydroelectric Project at Thac-Ba, by Dao Trong, 3 pp. VIETNAMESE, per, <u>To Quoc</u> , No 180, 1 Sep 1961, pp 18-19.	JPRS 12426

Asia
Political

Members of Communist Youth Corps Should
Intimately Coordinate With the Masses,
by Huang-T'ung, 10 pp.

CHINESE, per, Chung-kuo Ch'ing-nien,
No 22, 16 Nov 1961, pp 2-5.

JPRS 12594

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

No 24, 16 Dec 1961, pp 8-11.

The "Peace Corps" Trick, by
T'u Nan, 4 pp.

JPRS 12440

No 1, 1962.

Hail the Great Victories of the
National-Liberation Movement, by
Kuo Chi-chou, 13 pp, (pp 6-14).

JPRS 12782

When the "Beaten Dog" Raises Its
Tail, by Yuan Hsien-lu, 4 pp,
(pp 15-17).

No 2, 16 Jan 1962.

Oppose the Brutal Actions of the US
Reactionaries Against the Communist
Party of USA, 6 pp, (pp 1-4).

JPRS 12970

Truth Is Concrete, by Chang Shih-ying,
11 pp, (pp 5-12).

The Moscow-Peiping Dispute, by
Avigdor Ben Asher, 6 pp.

HEBREW, np, Al Hamishmar, 28 Jul 1961,
pp 3, 4.

JPRS 12696

Asia
Political (Contd)

Selected Articles From the Hindi
Newspaper Janyug.

- Vol XIII, No 52, 15 Aug 1958, p 3.
Contributions of Marxism to the
Indian National Movement, by
P. C. Joshi, 8 pp. JPRS 12696
- Vol XIV, No 2, 24 Aug 1958, p 6.
Protect the Workers' Government in
Kerala, 12 pp. JPRS 12696
- Vol XIV, No 3, 31 Aug 1958, p 6.
Three Leaders of the State Committee
Start Fast Until Death, 7 pp. JPRS 12696
- Vol XIV, No 6, 14 Sep 1958.
The People's Movement Will Be
Accelerated Now, 3 pp, (p 6). JPRS 12696
- The Movement Is Progressing Despite
Terrible Oppression, Arrests, and
Lathi Charge, 17 pp, (p 6).
- Vol XVII, No 23, 21 Jan 1962,
pp 4, 10. JPRS 12613
The Indian Magazine Discusses the
Revolutionary Traditions of Leninism,
by R. N. Upadhaya, 4 pp.
- V. I. Lenin - Server to Enemies, Patient
to Comrades, 3 pp.
INDONESIAN, np, Harian Rakjat, 30 Jan 1962,
p 1. JPRS 12781
- Mobilization Is a Prerequisite to the
Victory of the People, 4 pp.
INDONESIAN, np, Harian Rakjat,
31 Jan 1962, p 1. JPRS 12781
- Indonesian Communist Comments on
Malaya and Yugoslavia, 5 pp.
INDONESIAN, np, Harian Rakjat,
1, 2 Feb 1962. JPRS 12781

Asia

Political (Contd)

Dr. Abdulgani's Comments on Political Affairs, by Roeslan Abdulgani, 7 pp. INDONESIAN, per, Mimbar, No 5, Nov 1961, pp 13, 14, 21, 33.

JPRS 13040

Reflections on the Ultra-Rightist Abortive Coup d'Etat, 14 pp. JAPANESE, Encl 1 to 53-62 to USNA, Tokyo, 23 Jan 1962.

Dept of Navy
ONI 5137963

Selected Articles From the Japanese Newspaper Akahata.

19-21 Jan 1962, p 3.
Theory and Platform of Revisionism, by Tetsuzo Fuwa, 11 pp.

JPRS 12616

22 Jan 1962, p 1.
Opinion of Critique of Japan Communist Party by Shakai Shimpo, by Yoshio Sakaue, 11 pp.

JPRS 12618

27 Jan 1962, p 1.
Our Spring Campaign and the Forward Path to Victory, 10 pp.

JPRS 12781

28 Jan 1962, p 1.
Various Problems Confronted in Carrying Out the Second Central Committee Plenum Resolution, 3 pp.

JPRS 12616

29 Jan 1962, pp 3, 5.
Kasuga Faction's Provocative Maneuver Against the International Communist Movement, 14 pp.

JPRS 12632

6-8 Feb 1962.
Publishing Dispute in the Japan Communist Party, by Kuraji Anzai, 15 pp.

JPRS 12900

On Promoting the Formation of a New Organization, 12 pp. JAPANESE, per, Atarashi Jidai, Nov 1961, pp 76-80.

JPRS 12603

Asia
Political (Contd)

Outline for the Compilation of Draft
Regulations of the Preparatory Organi-
zation, 7 pp.

JAPANESE, per, Atarashi Jidai,
Nov 1961, pp 80, 81.

JPRS 12603

III. Draft Outline of the "Road Towards
Socialism in Japan", 15 pp.

JAPANESE, per, Atarashi Jidai, Nov 1961,
pp 82-87.

JPRS 12603

How to Approach Communist China
(Political/Economic Situation), by
Hatano Kanichi, 5 pp.

JAPANESE, per, Nihon Kogyo Shimibun,
1962, pp 12-14. 9664265

500th INTC Gp
Tr No 105599

Revisionism in the Japanese Communist
Movement -- The Kasuga Antiparty Group,
by Hidesato Numata, 27 pp.

JAPANESE, per, Zenei, Feb 1962,
pp 46-55.

JPRS 12954

Government Organization Law, (NY-7020).
KOREAN, bulletin, Chongbu Chojik Pop,
Law No 734, 2 Oct 1961, pp 433-436.

*JPRS

Selected Articles From the Korean
Periodical Kulloja.

15 Oct 1961.

JPRS 12444

The Problem of Ideological Propaganda
at the Fourth Party Congress of the
Korean Workers Party, 12 pp, (pp 9-13).

Party Unity and Solidarity: A
Requisite and a Guarantee for a
Successful Communist Revolution,
by Yun Hyung-shik, 16 pp, (pp 14-19).

15 Nov 1961.

JPRS 12444

Cultivation of Revolutionary Character
Among the Leaders, by Yi Min-su, 5 pp,
(pp 11-15).

The Road the South Korean Intellectuals
Must Take, by Ha Ang-ch'on, 8 pp, (pp 21-28).

Asia
Political (Contd)

Selected Articles From the Korean
Periodical Kulloja. (Contd)

15 Dec 1961.

JPRS 13050

Missions of the Provincial Committees
for Attainment of the Six Goals, by
Lee Che Yoon, 7 pp, (pp 19-23).

Strongholds in Communist Indoctrina-
tion, 5 pp, (pp 24-27).

Indoctrination of Communist for
Future Generation and Mission of
the Women's Federation, by
Kim Ok Soon, 6 pp, (pp 28-32).

Selected Articles From the Korean
Periodical Tang Saop.

Oct 1961.

JPRS 12621

Let Us Carefully Study the Party
Documents, 4 pp, (pp 1-7).

Greater Victory, Greater Prospect --
After Attending the Fourth Party
Congress, by Song Yong, 7 pp,
(pp 8-16).

Nov 1961.

JPRS 12621

Consolidation of Battle Line for
New Victories, 5 pp, (pp 2-7).

Thorough Study of Party Congress
Records Among the Kanbu (Leaders),
by Kim Gyonghwoe, 5 pp, (pp 12-17).

Dec 1961.

JPRS 12935

Let Use Definitely Raise the
Leadership Quality of Our Cadres,
15 pp, (pp 2-8).

Let Us Further Strengthen the
Nuclei of Propaganda Activities,
by Sang-jo Chung, 12 pp, (pp 9-13).

Asia

Political (Contd)

Selected Articles From the Mongolian
Newspaper Unen, 7 Jul 1961.

JPRS 12436

Decision of the XIVth Congress of
the Mongolian Peoples Revolutionary
Party, Regarding Changes and
Revisions in the Party Rules, 4 pp,
(p 3).

Report on the 6 July 1961 Session
of the XIVth Congress of the Mongolian
People's Revolutionary Party, 4 pp,
(p 3).

Speech by D. Molomjants, Representing
Horsgol Aymak at the XIVth Congress
of the Mongolian People's Revolutionary
Party, 17 pp, (p 5).

Speech by Ts. Damba, Representing
Hobsgol Aymak at the XIVth Congress
of the Mongolian People's Revolutionary
Party, 11 pp, (pp 6, 7).

Speech by M. Jamstran, Representing
Ubs Aymak at the XIVth Congress of the
Mongolian People's Revolutionary Party,
15 pp, (p 7).

Speech by J. Gombosuren, Representing
Dornogob' Aymak at the XIVth Congress
of the Mongolian People's Revolutionary
Party, 12 pp, (p 8).

Speech by M. Chimeddorj, Representing
Mongolian Students Studying Abroad at
the XIVth Congress of the Mongolian
People's Revolutionary Party, 15 pp,
(pp 8, 9).

Speech by D. Erdentsogt, Representing
Selenge Aymak at the XIVth Congress of
the Mongolian People's Revolutionary
Party, 11 pp, (p 9).

Speech by Ch. Purebjab, Representing
Ulan Bator at the XIVth Congress of the
Mongolian People's Revolutionary Party,
15 pp, (p 11).

Asia
Political (Contd)

Historical Sketches of Contemporary China,
by A. S. Perevertaylo, 13 pp.
RUSSIAN, bk, Ocherki Istorii Kitaya V
Noveysheye Vremya, Jul 1959, pp 5-9,
691-696.

JPRS 12977

Let Us Strengthen Basic Party Organiza-
tions in Mountainous Rural Areas, by
Nguyen Hun Quang, 4 pp.
VIETNAMESE, per, Hoc Tap, No 1, 1962.

JPRS 13090

Some Ideas on Reclamation, by Hoang Uoc,
12 pp.
VIETNAMESE, per, Nghien Cuu Kinh Te,
Oct 1961, pp 33-38.

JPRS 12593

Reform of Private Industry and Commerce
in Hanoi, by Tien Duc, 16 pp.
VIETNAMESE, per, Nghien Cuu Kinh Te,
Oct 1961, pp 45-52.

JPRS 12593

Conference of the Statistical Branch,
by Nguyen Hong Van, 4 pp.
VIETNAMESE, per, Nghien Cuu Kinh Te,
Oct 1961, pp 62-64.

JPRS 12593

Selected Articles From the Vietnamese
Newspaper Nhan Dan.

9 Dec 1961, p 3.
To Guarantee the Quality of
Mechanical Products, by
Le Van Giam, 4 pp.

JPRS 12967

11 Dec 1961, p 4.
To Protect the Fruits of Our Labor,
by Vu Tu, 4 pp.

JPRS 12567

31 Dec 1961, p 2.
1961, a Tough and Heroic Struggle
Year, by Nguyen Van Vinh, 4 pp.

JPRS 12967

Asia

Political (Contd)

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

3 Jan 1962, p 3.

JPRS 12747

Speech of Le Thanh Nghi, Member of
the Politburo and Vice-President
of the Republic, at a Meeting in
Thanh Hoa, by Le Thanh Nghi, 13 pp.

5 Jan 1962, pp 1, 4.

JPRS 12967

Fostering the Duyen Hai Movement,
3 pp.

12 Jan 1962, p 3.

JPRS 12967

Hai Ninh After a Year of Administer-
ing the Price Policy, by Hoang Hai,
6 pp.

Military

Development in Nuclear, Chemical Biological
and Radiation Warfare and Future Prepara-
tions Should Be Made by China, 16 pp.

CHINESE, pamphlet, Nuclear, Chemical
Biological and Radiation Wars, Encl
No 3 to R-619-61, China OUSARMA, pp 3-25.

319th MI Bn
H-9894-A
ID 2176148

Successive Changes of Chinese Chemical
Warfare Troops, 7 pp.

CHINESE, pamphlet, Nuclear, Chemical
Biological and Radiation Wars, Encl
No 3, to R-619-61, China OUSARMA, pp 3-25.

319th MI Bn
H-9894-B
ID 2176148

Joint Operation of the Three Military
Services in Nuclear War, 19 pp.

CHINESE, pamphlet, Nuclear, Chemical Biological
and Radiation Wars, Encl No 3 to
R-619-61, China OUSARMA, pp 3-25.

319th MI Bn
H-9894-C
ID 2176148

Asia
Military (Contd)

Liberation Army Pictorial No 8/1961.
CHINESE, per, Chieh Fang Chun Hua Pao,
16 Aug 1961, USARMLO Hong Kong BCC,
Encl to R-753-61.

ID 2191726

Assistance of the Students in Carrying
Out the Task of the Armed Forces of the
Republic of Indonesia, by M. Sarbini,
5 pp.
INDONESIAN, per, Gadjah Mada, No 4,
Oct 1961, pp 220-225.

JPRS 13040

(a) QM Leather and Rubber Goods, Chemical
Equipment, Medical Implement and Food-
stuffs, (b) Tables No 60/61 (c) Tables
No 71/72.

JAPANESE, Summary of Military Procure-
ment by the Procurement Officer for
Fiscal Year 1960 (Seventh Annual Report),
Encl No 1 to R-518-61, OARMA Japan,
p 63, 137, 1960.

*525th MI Gp
I-0984
ID 2183865

Correct Solution Between Military
Training and Production, by Tran Duc,
4 pp.
VIETNAMESE, np, Nhan Dan, 4 Dec 1961,
p 4.

JPRS 12567

The Seventeenth Anniversary of the Army,
by Van Tien Dung, 8 pp.
VIETNAMESE, np, Nhan Dan, 22 Dec 1961,
p 1, 4.

JPRS 12747

Reservist Decree, 8 pp.
VIETNAMESE, per, Quan Doi Nhan Dan,
6 Jan 1962, pp 1, 2.

JPRS 12593

Asia
Geographic

Landform Classification - Its Principle
and Its Application, by Takamasa Nakano,
15 pp.

JAPANESE, per, Journal of Geography,
Vol LXX, No 2 (721) 1961, pp 3-14.

ACSI I-0253-A
ID 2180086

The Tetori Group Along the Asuwa River
in Fukui Prefecture, by Shiro Maeda,
6 pp.

JAPANESE, per, Journal of Geography,
Vol LXX, No 2 (721), 1961, pp 15-26.

ACSI I-0253-B
ID 2180086

Kun'lun and Tarim, (NY-7003).
RUSSIAN, bk, Kun'lun i Tarim, 1961,
pp 1-212.

*JPRS

Sociological

Let's Have a Talk on the Problem of
Study, by Li Ch'i-t'ao, 18 pp.
CHINESE, per, Chung-kuo Ch'ing-nien,
No 21, Nov 1961, pp 2-4.

JPRS 12760

Kyoto Manifesto of the World Religionist
Conference for Peace, 4 pp.
CHINESE, per, Hsien-tai Fo-hsueh,
No 4, 26 Oct 1961, pp 3, 4.

JPRS 12907

Statement of Chao P'u-ch'u Chief of the
Chinese Delegation to the World
Religionist Conference for Peace,
by Chao P'u-ch'u, 10 pp.
CHINESE, per, Hsien-tai Fo-hsueh, No 4,
25 Oct 1961, pp 5-8.

JPRS 12907

Asia
Sociological (Contd)

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

- No 24, 16 Dec 1961. JPRS 12440
On Teaching Subjects of Fundamental
Theories of Natural Science, by
Li Cho-pao, 13 pp, (pp 25-31).
- One Sunday, by Chou Li-po, 9 pp,
(pp 32-37).
- No 1, 1962. JPRS 12782
The Pragmatic Philosophy of Modern
Bourgeoisie, by Ch'en Yuan-hui, 12 pp,
(pp 18-26).
- Old Operatic Artists' Experiences,
by Ch'u Liu-i, 11 pp, (pp 36-41).
- No 2, 1962. JPRS 12970
On Questions in Natural Science
Relating to Practical Standards,
by Ho Tso-hsiu, 40 pp, (pp 13-24).
- Modesty is an Exact Reflection of
Reality, by Wu Chieh-min, 12 pp,
(pp 25-32).
- Rapidly Develop the Nationality Institutes
on Our Country, 5 pp.
CHINESE, per, Min'tzu T'uan-chieh, No 8/9,
Sep 1961, pp 8, 9. JPRS 12760
- Continue to Develop Minority Nationality
Cadres Energetically, 8 pp.
CHINESE, per, Min-tzu T'uan-chieh,
No 8/9, Sep 1961, pp 10-14. JPRS 12760
- The Salar Nationality, by Tai-k'o-lai,
6 pp.
CHINESE, per, Min-tzu T'uan-chieh,
No 8/9, Sep 1961, pp 54-56. JPRS 12760

Asia

Sociological (Contd)

A Casting of the Characters and Spirit of the Times, by Lu Ping, 22 pp.

CHINESE, per, Wen-i Pao, No 11, 21 Nov 1961, pp 13-18.

JPRS 12907

On the Clash of Personalities, Ideological Significances, and Others, by T'au P'ei-sheag, 11 pp.

CHINESE, per, Wen-i Pao, No 11, 21 Nov 1961, pp 18-21.

JPRS 12907

Indochina, by Andre Leroi-Gourhan, Jean Poirier, (DC-6727).

FRENCH, bk, Ethnologie de l'Union Francaise, 1953, pp 514-678.

*JPRS

People's China Faces Public Health Problems, by R. F. Bridgman, 3 pp.

FRENCH, per, Comptes Rendus Mensuels des - Seances de l'Academie des Sciences d'Outre-mer, Vol XXI, Jul/Oct 1961, pp 383-386.

JPRS 12572

Observations on National Education in People's China, by Charles Grosbois, 4 pp.

FRENCH, per, Comptes Rendus Mensuels des Seances de l'Academie des Sciences d'Outre-mer, Vol XXI, Jul/Oct 1961, pp 395-398.

JPRS 12572

Information on Government Organizations, 50 pp.

FRENCH, per, Journal Officiel du Royaume du Laos, Vol IX, No 2, 6 Mar 1961, pp 26, 32, 35, 39, 41, 44, 45; No 3, 19 Apr 1961, pp 66, 68-72, 76.

JPRS 12463

The Population of China. Structure and Recent Evolution, by Roland Pressat, 16 pp.

FRENCH, per, Population, No 4, 1961, pp 649-664.

Bureau of the Census
Foreign Manpower
Research Office

Asia
Sociological (Contd)

University News, 4 pp.
INDONESIAN, per, Gadjah Mada, Oct 1961,
pp 254-256.

JPRS 13040

Health of the Rural Population, by
Soejono Hadi, 7 pp.
INDONESIAN, per, Gadjah Mada, No 4,
Oct 1961, pp 262-268.

JPRS 13040

Link Increased Food Production to
Victory Over Dutch, 4 pp.
INDONESIAN, np, Harian Rakjat,
19 Feb 1962, p 3.

JPRS 12955

Observation Institute and Laboratory
for the Physically Handicapped, 16 pp.
INDONESIAN, per, Tindjauan Masalah
Perburuhan, Oct-Dec 1960, No 6-8,
pp 18-26.

JPRS 13040

Selected Articles From the Korean
Newspaper Inmin Kyoyuk.

Oct 1961, pp 39-43.
Exploratory Instruction and a Revo-
lutionary Change in Pedagogical
Theory and Educational Practices,
18 pp.

JPRS 12621

Nov 1961.
Let the Leading Workers Practice
the Chongsanli Method More
Thoroughly, 17 pp, (pp 8-11).

JPRS 12935

Let Us Make Positive Headway in
Laying the Groundwork for Imple-
menting a Nine-Year Compulsory
Technical School Education, by
Kim Kaehyok, 13 pp, (pp 12-14).

For the Sake of Drastically Raising
the Workers' Cultural and Technologi-
cal Knowledge Level, by Li Chongha,
10 pp, (pp 15, 16).

Asia

Sociological (Contd)

Problems in Socialist Reform of Farm
Management in North Korea, by
Chong T'ae-sik, 6 pp.

KOREAN, per, Kulloja, 15 Nov 1961,
pp 40-45.

JPRS 12444

Improvement in Socialistic Finance
Management, 6 pp.

KOREAN, per, Kulloja, 15 Dec 1961,
pp 13-17.

JPRS 13050

Millions of Chinese Will Die From
Hunger or War, 8 pp.

SPANISH, np, Bogota, 9 Jan 1962,
pp 1, 23.

JPRS 12546

Regulations Governing Public Order
and Sanitation in Hanoi, 25 pp.

VIETNAMESE, np, Bao Tan Viet Hoa,
Dec 1961, p 2.

JPRS 12714

The First Step in Improving Study in
Our Party School, 11 pp.

VIETNAMESE, np, Hoc Tap, No 12, 1961.

JPRS 12872

Religious Freedom, by Pham Quang Hieu,
11 pp.

VIETNAMESE, per, Hoc Tap, No 12, 1961,
pp 55-58.

JPRS 12808

Selected Articles From the Vietnamese
Newspaper Nhan Dan.

11 Dec 1961, p 3.

Some New Features in Life in the
Mining Area, by Ngo Du, 7 pp.

JPRS 12567

14 Dec 1961, p 1.

Achievements in the Fight Against
Tuberculosis and Trachoma, by
Hoai Nam, 5 pp.

JPRS 12567

Asia
Sociological (Contd)

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

28 Dec 1961, pp 3, 4. Provisional Social Security Act Cover- ing Workers and Staff Members of the State, 19 pp.	JPRS 12685
30 Dec 1961, pp 1, 2. The Eradication of Malaria Is a Revolutionary Task, 4 pp.	JPRS 12747
31 Dec 1961, p 3. The Duty of Labor Unions for the Provisional Social Security Act, by Nguyen Cong Hoa, 4 pp.	JPRS 12967
11 Jan 1962, p 3. Increase in Labor Protection, by Ngo Du, 4 pp.	JPRS 12967
Let Us Stop Wasting Our Time, Let Us Encourage Rational and Realistic Work, by Le Linh, 4 pp. VIETNAMESE, per, <u>Quan Doi Nhan Dan</u> , 5 Sep 1961, p 3.	JPRS 12426
National Development of Peoples of Asia and Africa, by S. I. Bruk, N. N. Cheboksarov, 26 pp. RUSSIAN, per, <u>Sovet Etnografiya</u> , No 4, 1961, pp 74-99.	JPRS 12408

WESTERN EUROPE

Economic

Netherlands Postal, Telegraph and Telephone (PTT), by Ir. G. H. Bast, 5 pp. DUTCH, rpt, 2 Jan 1962, Encl to R-12-62.

ID 2192078

Dams of Switzerland. FRENCH, rpt, Barrages en Suisse, 1961, OARMA, Bern, Encl to R-28-62.

ID 2193443

Industrialization [Simplification and Improvement of Manufacturing Methods] of Products, by M. Bailly. FRENCH, per, La-Machine-Outil-Francaise, No 169, 1961, pp 135-145.

*ACSI I-0961
ID 2191520

Situation of the Community Coal Market 1962 Balance-Sheet, 13 pp. GERMAN, Encl 1 to Colux D-122, U.S. Mission to the European Communities, Luxembourg, 28 Feb 1962; Colux D-113.

Dept of State

The Dutch Meat Products Industry. GERMAN, per, Die Ernährungswirtschaft, Vol VIII, 12 Dec 1961, pp 790-792.

*ACSI I-0931
ID 2191505

Resolution of the Desires of the Commonwealth Through Worldwide Agreements, 5 pp. GERMAN, per, Europa Nachrichten; Encl 1 to ECBUS D-324, U.S. Mission to the European Communities, Brussels, 16 Feb 1962.

Dept of State

Western Europe
Economic (Contd)

Selected Articles From the German
Periodical Stahl und Eisen.

Vol XLIX, 1929, pp 1509-1518. Electric Annealing Plant, by T. Stassinot.	CSIRO
Vol LXXX, 15 Sep 1960, pp 1261-1268. Studies on the Performance of Continuous Rolling-Mill Trains, by H. Bucken, V. Steinecke.	BISI 2423
Vol LXXX, 27 Oct 1960. Scientific Management Staff Work in the Service of Top Administra- tion, Part IV, by A. Sandig, (pp 1554-1564).	BISI 1974
Scientific Management Staff Work in the Service of Top Administra- tion, Part V, by P. Conrad, (pp 1564-1573).	BISI 1974
Scientific Management Staff Work in the Service of Top Management, Part VI, by W. Schutte, (pp 1573, 1574).	BISI 1974
New Methods of Work Organization, by H. Spitzer, (pp 1618-1623).	BISI 2433
Vol LXXI, 2 Mar 1961, pp 284-294. The Output of Blooming Mill Trains and Their Characteristics, by P. Stoker.	BISI 2132
Vol LXXXI, No 16, 3 Aug 1961, p 1063. Improving the Conditions of Employ- ment and Social Work in an Iron and Steel Works, by A. Heese.	*BISI 2637

Western Europe
Economic (Contd)

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

Vol LXXXI, 14 Sep 1961, pp 1305-1308.
Motor Vehicle Production and the
Motor Industry's Importance as a
Consumer of Iron and Steel, by
H. H. Hansen.

BISI 2543

Vol LXXXI, 23 Nov 1961, pp 1649-1661.
Fundamental Considerations on the
Use of Electronic Data Recovery and
Processing Schemes for Quality
Control, **Elucidated** by the Example
of Heavy Plate Production, by
U. Sabass.

*BISI 2682

Prospectus of the Italian Steel Industry,
by E. Manuelli.
ITALIAN, Conference held at Naples,
27 Jun 1961, Under Auspices of the
Bank of Naples.

*BISI 2672

The Integrated Steelworks at
Connigliano, by R. Levi.
ITALIAN, per, Ingegneria Meccanica,
Vol III, No 11, 1954, pp 41-49.

BISI 2290

Western Europe
Political

Communique Issued by Defense Minister,
4 pp.

DUTCH, Encl to 17-62 to USNA, The
Hague, 23 Jan 1962.

Dept of Navy
ONI 5137858

What Orientation?, 19 pp.

DUTCH, per, De Brug, Vol XIV, No 14,
6 Jan 1962, pp 6, 7.

JPRS 12618

Dutch Communist Leader De Groot on 1962
Aims and Policies, by Paul de Groot,
8 pp.

DUTCH, np, De Waarheid, 5 Jan 1962,
pp 1, 3.

JPRS 12615

Liability and Insurance of the Atomic
Risk in the European Law Systems, by
Marie Claire Camier, 158 pp.
FRENCH, bk, Responsabilite et Assurance
du Risque Atomique dans les Droits
Europeens, 1960, pp 1-226. 9097028

AEC-Tr-4515

Selected Articles From the French
Periodical Cahiers du Communisme,
Vol XXXVIII, No 1, 1962.

JPRS 12925

The Party in the Enterprise, by
Jean Burles, 20 pp.

Some Convincing Experiences (Work
Among Women), by Denise Millerieux,
22 pp.

Communist Work in Mass Organizations
and Movements, by Roland Leroy, 14 pp.

The Record and the Prospects, by
Roger Garaudy, 23 pp.

Form and Promote New Cadres, by
Leon Feix, 20 pp.

Culture and the Communist Party, by
Waldeck Rochet, 38 pp.

Capital Role of Communist Press, by
Raoul Calas, 24 pp.

Western Europe
Political (Contd)

Differences Among the Communist Parties --
A Belgian Communist View, by Jean Terfve,
22 pp.

FRENCH, per, Le Drapeau Rouge,
5, 8-11, 15-17 Jan 1962.

JPRS 12759

Belgian Communist Chief Burnelle on the
Renovation of the Communist Movement, by
Ernest Burnelle, 14 pp.

FRENCH, np, Le Drapeau Rouge, Vol XL,
No 14, 19-29 Jan 1962.

JPRS 12615

The French Communist Party and De-Stalinization,
6 pp.

FRENCH, per, Est & Quest, Vol XIV, No 270,
15 Jan 1962, pp 10-12.

JPRS 12612

Togliatti and the Kremlin -- An Analysis
by a French Ex-Communist, by

Branko Lazitch, 9 pp.

FRENCH, per, Est & Quest, Vol XIV,
No 271, 16-31 Jan 1962, pp 8-12.

JPRS 12780

The Reasons Behind De-Stalinization --
A French and Austrian Socialist Analysis,
by Lucien Laurat, 7 pp.

FRENCH, per, Est and Quest, Vol XIV, No 271,
16-31 Jan 1962, pp 22-24.

JPRS 12719

French Journalist Interviews Nenni, by
Michel Bosquet, 10 pp.

FRENCH, np, l'Express, 1 Feb 1962,
pp 16, 17.

JPRS 12982

A Heated French Defense of Communism, by
Jean Coin, 13 pp.

FRENCH, np, France Nouvelle, No 839,
15-21 Nov 1961, pp 19, 20.

JPRS 12755

Thoughts on Collective Leadership, by
Leon Feix, 3 pp.

FRENCH, np, France Nouvelle, No 849,
24-30 Jan 1962, pp 10, 11.

JPRS 12736

Western Europe
Political (Contd)

French Communists and Antifascist Unity,
by Paul Laurent, 19 pp.
FRENCH, np, l'Humanite, Paris, 12 Feb 1962,
pp 4, 5.

JPRS 12867

On Philosophy, by Waldeck Rochet, 24 pp.
FRENCH, per, La Nouvelle Critique, No 133,
Feb 1962.

JPRS 12998

Revolutionary Movement Under Modern
Capitalism, by Paul Cardan, 182 pp.
FRENCH, per, Socialisme ou Barbarie,
Part I & II, Vol VI, No 31, Dec 1960/Feb 1961,
pp 51-81; Parts III-V, Vol VI, No 32,
Apr/Jun 1961, pp 84-111; Parts VI-VIII,
Vol VI, No 33, Dec 1961/Feb 1962, pp 60-85.

JPRS 12590

The Chaff of Words and Reality, 3 pp.
FRENCH, np, Unir pour le Socialisme,
No 111, Feb 1962, p 1.

JPRS 12736

On the Subject of Polycentrism, 3 pp.
FRENCH, np, Unir pour le Socialisme,
No 111, Feb 1962, pp 4, 5.

JPRS 12736

The End of Monolithism, by Pierre Frank,
5 pp.
FRENCH, per, La Verite des Travailleurs,
No 121, Dec 1961, pp 4, 5.

JPRS 12617

What Is Being Discussed in the French
Communist Party, 4 pp.
FRENCH, per, La Verite des Travailleurs,
No 121, Dec 1961, p 7.

JPRS 12617

French Communist Opposition Criticizes
East German Regime and Soviet Stand on
Germany, by Claude Arrieux, 7 pp.
FRENCH, per, La Voie Communiste, No 24,
Oct 1961, p 12.

JPRS 12612

Italy's Socialists in Movement, 6 pp.
GERMAN, per, Die Andere Zeitung, Vol VIII,
No 6, 1 Feb 1962, p 6.

JPRS 12735

Western Europe
Political (Contd)

French Patents Policy in the Nuclear
Field, by J. P. Lepetre, 8 pp.

GERMAN, per, Atomwirtschaft, Vol VI,
No 4, 1961, pp 196-200. 9095573

AERE, Harwell Tr-873

Selected Articles From the German
Newspaper Volksstimme.

15 Oct 1961, p 15.
Communist Party Leader Praises Program,
7 pp.

JPRS 12358

No 241, 17 Oct 1961, p 6.
The Soviet Nationalities Policy and
West German Revanchism -- An Austrian
Communist View, by Bruno Frei, 4 pp.

JPRS 12719

22 Oct 1961, p 15.
Volksstimme Editor Discusses Importance
of Program. by Erwin Scharf, 3 pp.

JPRS 12358

4 Nov 1961, pp 1, 2.
Reactions to the Congress Line, 8 pp.

JPRS 12358

8 Nov 1961, pp 1, 2.
Editor Explains "Why It Had To Be,"
by Franz Marek, 6 pp.

JPRS 12358

15 Nov 1961, pp 1, 2.
Fuernberg on the CPSU Program, by
Friedl Fuernberg, 4 pp.

JPRS 12358

16 Nov 1961, pp 1, 2.
Fuernberg on Personality Cult, by
Friedl Fuernberg, 4 pp.

JPRS 12358

17 Nov 1961, pp 1, 2.
Austrian Communist Party Central
Committee Hears Report of Austrian
Delegation to 22d Congress, 3 pp.

JPRS 12358

Resolution of the Central Committee
of the Communist Party of Austria, 4 pp.

No 22, 28 Jan 1962, p 15.
Otto Bauer and the Road to Socialism,
6 pp.

JPRS 12735

Western Europe
Political (Contd)

Austrian Communist Apologia for Stalinism,
by Franz Marek, 9 pp.
GERMAN, per, Weg und Ziel, Vol XX, No 1,
1962, pp 10-18.

JPRS 12855

Austrian Communist View of Peaceful
Coexistence and the Value of Alliances,
6 pp.
GERMAN, per, Weg und Ziel, Vol XX, No 2,
1962, pp 81-86.

JPRS 12780

Operating Regulations for Law No 635 of
5 July 1961 Concerning Provisions on the
Insurance and Financing of Credits From
Exports of Goods and Services, Performance
of Work Abroad, as Well as Assistance to
Developing Countries, 21 pp.
ITALIAN, Encl 1 to Desp 627, AmEmbassy,
Rome, 12 Feb 1962; CERP D-12, 13, Desp
No 131, 11 Aug 1961.

Dept of State

Selected Articles From the Italian
Newspaper Avanti.

No 19, 23 Jan 1962, pp 1, 2.
De Martino Press Interview, by
Francesco De Martino, 6 pp.

JPRS 12614

No 21, 25 Jan 1962, p 3.
Italy and Peaceful Coexistence --
Statements by Six Leaders of the
Italian Socialist Party, by Basso,
Cattani, Lussu, et al, 12 pp.

JPRS 12614

4 Feb 1962, p 1.
Nenni Discusses Christian Democratic
Congress, by Pietro Nenni, 4 pp.

JPRS 12755

Vol LXVI, No 9, 27 Feb 1962, pp 1, 8.
Socialist Situation Estimate on
Formation of Center-Left Government,
4 pp.

JPRS 13047

Western Europe
Political (Contd)

The Quick and the Dead, by Michel Gordey,
11 pp.

ITALIAN, per, Corrispondenza Socialista,
Vol III, No 1, 1962.

JPRS 12955

The 22d CPSU Congress and the Western
Communists, by Pierre Naville, 5 pp.
ITALIAN, per, Corrispondenza Socialista,
Vol III, No 1, 1962, pp 9-.

JPRS 12955

The Moscow-Peking Crisis, by Bruno Germani,
12 pp.

ITALIAN, per, Corrispondenza Socialista,
Vol III, No 1, 1962, pp 22-33.

JPRS 12955

Discussions on the 22d CPSU Congress
Continue in Italy, by Mario Rossi, 24 pp.
ITALIAN, per, Mondo Nuove, No 1,
14 Jan 1962, pp 19-21.

JPRS 12982

Italian Communist Youth Federation Policy
Statement on Present Position and Goals.
7 pp.

ITALIAN, np, Nuova Generazione, 16 Feb 1960.

JPRS 12900

Communist Youth Find Center-Left More
Exploit, Vulnerable, by Ugo Baduel, 10 pp.
ITALIAN, np, Nuova Generazione, Vol VII,
No 5, 9 Feb 1962, p 3.

JPRS 12755

Italian Trade Unionists and the WFTU
Debate, by Luciano Romagnoli, 8 pp.
ITALIAN, per, Rinascita, Vol XIX, No 1,
1962, pp 23-26.

JPRS 12719

New Italian Approach to Communist Party
History, by Mario Alicata, 11 pp.
ITALIAN, per, Rinascita, Vol XIX, No 1,
1962, pp 41-46.

JPRS 12780

Italian Communist Party Organizational
Activities in Emilia, by Guido Fanti,
8 pp.

ITALIAN, per, Rinascita, Vol XIX, No 1,
1962, pp 51-54.

JPRS 12855

Western Europe
Political (Contd)

Selected Articles From the Italian
Newspaper l'Unita.

No 354, 22 Dec 1961, pp 1, 8, 9. Debate on Party Activities and Berlinguer Report, 22 pp.	JPRS 12259
23 Dec 1961, pp 1, 8-10. Italian CP Debate of Central Committee and Central Control Commission, 53 pp.	JPRS 12693
No 22, 23 Jan 1962, pp 1, 10. Longo Speech, by Luigi Longo, 3 pp.	JPRS 12614
28 Jan 1962. Pajetta Answers Moro, 4 pp.	JPRS 12982
No 34, 4 Feb 1962, pp 1, 11. Italian Communist Observer Comments on Christian Democrat Congress, by Pietro Ingrad, 6 pp.	JPRS 12831
No 36, 6 Feb 1962, pp 1, 2. Italian CP Journalist Scoccimarro Comments on Center-Left, by Mauro Scoccimarro, 4 pp.	JPRS 12831
No 43, 13 Feb 1962, pp 1, 9-11. Togliatti Report on the Turn to the Left, by Palmiro Togliatti, 30 pp.	JPRS 12999
No 44, 14 Feb 1962, pp 1, 7, 8. Debate on Center-Left and Togliatti Report, 53 pp.	JPRS 12999
No 8 (56), 26 Feb 1962, pp 1, 8, 10. Togliatti on PCI Role in Formation of Center-Left Government, by Palmiro Togliatti, 28 pp.	JPRS 13047
Vol XXXIX, No 57, 27 Feb 1962, p 1. Expectations and Struggle -- A Communist Estimate, 4 pp.	JPRS 13047

Western Europe
Political (Contd)

Italian Delegation Frustrated at Moscow
WFTU Congress, 8 pp.
ITALIAN, np, Vita, 21 Dec 1961, pp 11-13.

JPRS 12634

Exacerbation of Class Conflicts in
West Germany, by Otto Rheingold.
(SF-1875).
RUSSIAN, per, Kommunist, No 2, Jan 1962,
pp 109-113.

*JPRS

Military

The Munition-Supply-Station in the Field,
by C. H. Heerens.
DUTCH, per, De Militaire Spectator, No 9,
1961, pp 351-361.

*ACSI I-0960
ID 2191519

New Weapons for the RNA, 4 pp.
DUTCH, per, De Militaire Spectator, No 11,
1961, OUSARMA Netherlands, Encl to
R-522-61.

ID 2190436

Tests of a European Armament Policy
(Electronic Equipment), Part II.
Beyond Clausewitz, a New Doctrine of
War, by Comboux.
FRENCH, rpt, Essais sur une Politique
Europeenne d'Armement (Materiels
Electroniques) Fascicule II Une
Nouvelle Doctrine de la Guerre, pp 1-15.

*ACSI I-0893
ID 2191504

Modernization of French Forces in Germany.
FRENCH, per, L'Armee, No 14, 1961,
pp 11-14.

*ACSI I-0959
ID 2191518

French Armed Forces, by Pierre Messmer, 6 pp.
FRENCH, per, La Revue des Deux Mondes,
15 Feb 1962.

AF 1495140

The Military Organization of the Swiss
Confederation. Basic Law, 18 pp.
GERMAN, rpt, 1907-1961.

AF 1464516

Western Europe
Geographic

Reports on the Works of the National
Geographic Institute, 1954-1957.
FRENCH, bk, Expose des Travaux de
L'Institut Geographique National,
Annees 1954-1957, 1959.

ACIC

Sociological

Liability and Insurance of the Atomic
Risk in the European Law Systems.
FRENCH, bk, Responsabilite et Assurance
du Risque Atomique dans les Droits
Europeens, 1960, 166 pp.

AEC Tr-4515

The Expansion of Scientific Research,
62 pp.
FRENCH, per, l'Expansion de la Recherche
Scientifique, No 6, 1960.

JPRS 12711

Scientific Education, by Daniele Sette,
19 pp.
ITALIAN, per, La Ricerca Scientifica,
Vol I, No 4, 5, 1961, pp 181-193.

JPRS 12573

LATIN AMERICA

Economic

Cuba on the Threshold of the First
Four-Year Plan, 8 pp.

GERMAN, per, Markt Informationen fur
den Aussenhandel, Vol V, No 50,
16 Dec 1962, pp 1, 2.

JPRS 12620

The Communications Problem in the
Republic of Argentina, by Juan Autelli,
14 pp.

SPANISH, rpt, El Problema de las
Comunicaciones en la Republica
Argentina, 1960, pp 3-23.

ACSI I-0693
ID 2186160

Plans for a National Statistics
Service in Cuba, by M. A. Santander
Paez, 16 pp.

SPANISH, per, Hoy, Vol XXIV, No 12,
13, 15, 16 Jan 1962, p 6.

JPRS 12695

Synthesis of Opinions on the Problem
of Liquidity, 4 pp.

SPANISH, per, Panorama, No 17, Encl 1
to Desp 1043, AmEmbassy, Buenos Aires,
14 Feb 1962; CERP D-10.

Dept of State

Principal Provisions of Cuban Tax
Law, 40 pp.

SPANISH, np, Revolucion, Vol V,
No 948, 6 Jan 1962.

JPRS 12870

Latin America
Political

Castroism on the American Continent, by E. de la Souchere, 9 pp.
FRENCH, np, France Observateur,
4 Jan 1962, pp 11-14.

JPRS 12612

Cuba -- How a Revolution Turned Communist, by Claude Julien, 5 pp.
FRENCH, np, France Observateur,
Vol XIII, No 609, 4 Jan 1962, pp 12, 13.

JPRS 12612

Cuba on the Kremlin Path, by Ernst Halperin, 37 pp.
GERMAN, np, Die Zeit, Vol XVI,
Nos 51, 52, 53; 15, 22, 29 Dec 1961.

JPRS 12686

Study on Communism in Brazil, by
Harold I. Domingues.
PORTUGUESE, rpt, Sep 1961.

AF 1492417

Selected Articles From the Portuguese
Periodical Novos Rumos.

15-21 Dec 1961, pp 2-4.
Twenty-Second Congress of the CPSU,
20 pp.

JPRS 12735

5-11 Jan 1962, p 4.
Regarding the 22nd Congress of the
CPSU, 13 pp.

JPRS 12735

No 156, 2-8 Feb 1962, p 4.
Leftist or Nationalist Democratic
Front in Brazil, by Marco Antonio
Coelho, 7 pp.

JPRS 12871

No 127, 9-15 Feb 1962, p 4.
Brazilian Communist Analysis of the
Soviet-Albanian Conflict, by
Ivan Ramos Ribeiro, 7 pp.

JPRS 13035

No 159, 23 Feb-1 Mar 1962, p 4.
Concerning "Exoticism of Ideologies",
by Jacob Gorender, 6 pp.

JPRS 13048

How to Explain the Significance of the
Fortieth Anniversary of the Communist
Party, 10 pp.

Latin America
Political (Contd)

Report to the Nation by Ecuadorean
Minister of Public Works and Com-
munications, by Carlos Valdano Raffo,
42 pp.

SPANISH, rpt, Informe a la Nacion,
Ministro de Obras Publicas y Com-
unicaciones, Encl to R-344-61, ARMA
Quito, 1960/1961.

ACSI I-0748
ID 2178607

Vanguardia Popular Party Analyzes
Results of the Elections, 5 pp.
SPANISH, np, Adelante, 11 Feb 1962;
Encl 1 to Desp 410, AmEmbassy,
San Jose, 16 Feb 1962.

Dept of State

The 22nd Congress of the CPSU and the
Development of the Cuban Revolution,
by Blas Roca, 31 pp.
SPANISH, np, Hoy, No 294, 16 Dec 1961,
pp 5, 6, 7.

JPRS 12630

Regulations for the Operation of the
Central Reserve Bank of Peru, Law No
13958, 22 pp.
SPANISH, np, El Peruano, 31 Jan 1962;
Encl 1 to Desp 495, AmEmbassy, Lima,
26 Feb 1962; Embdesp. No 273,
21 Nov 1961; No 482, 15 Feb 1962.

Dept of State

Uruguayan Communist Editorial on
Peaceful Coexistence, 5 pp.
SPANISH, np, El Popular, 14 Feb 1962,
p 3.

JPRS 12900

Selected Articles From the Spanish
Newspaper El Siglo.

No 3237, 28 Nov 1961, pp 3, 4.
Convocation Document of 12th
National Congress, 13-18 March 1962,
40 pp.

JPRS 12755

Latin America
Political (Contd)

Selected Articles From the Spanish
Newspaper El Siglo. (Contd)

2 Dec 1961, p 7.
Corvalan Speech to Central Committee
Plenum -- Opposes Polycentrism,
Discusses Nature of Chilean Revolution,
by Luis Corvalan, 16 pp.

JPRS 12755

17 Dec 1961, pp 9-13.
I. Draft Program of the Chilean
Communist Party Proposed by the
Central Committee to the 12th Party
Congress, 55 pp.

JPRS 12718

No 3298, 28 Jan 1962, pp 10, 12.
Vargas Puebla Speaks to Chilean
Communist Party Central Committee
on Communist Party and Trade Union
Movement, by Juan Vargas Puebla,
14 pp.

JPRS 12871

No 3299, 29 Jan 1962, p 2.
Conflict on the Ideological and
Cultural Front in Chile, by
Cesar Godoy Urrutia, 4 pp.

JPRS 12871

No 3322, 21 Feb 1962, p 2.
The New Wording of the Program of the
Communist Party of Chile, by
Orlando Millas, 4 pp.

JPRS 12982

Latin America
Sociological

Eulogies Delivered at Commemoration
Ceremonies, 27 November.
SPANISH, doc, 27 Nov 1961, OUSARMA,
Brazil.

ID 2189594

National Liberation Party Program
for Improving the Educational System,
by Eloy Morua Carrillo, 8 pp.
SPANISH, pamphlet, Programa de Educacion,
pp 14-27; Encl 2 to Desp 448, AmEmbassy,
San Jose, 7 Mar 1962; CERP, D-17;
Embdes 399, 2/15/62; 420, 2/21/62.

Dept of State

University Reform Provisions in Cuba,
38 pp.
SPANISH, np, Hoy, Vol XXIV, No 7,
10 Jan 1962, pp 4-6.

JPRS 12542

SCIENTIFIC

Aeronautics

Elements of the Movement of a Parachutist and Designing the Parachute, by S. M. Alekseyev, Ya. V. Balkina, 60 pp.

RUSSIAN, bk, Sovremennyye Sredstva Avariynogo Pokidaniya Samoleta, Chapter III, 1961, pp 69-122. 9664288

FTD-TT-61-466

Theoretical Bases for the Technology and Processes Involved in the Manufacture of Aircraft Components, by I. Ya. Zernov, L. A. Konorov, 789 pp. RUSSIAN, bk, Teoreticheskiye Osnovy Tekhnologii i Protsessy Izgotovleniya Detaley Samoletov, 1960, 633 pp. 9664310-V

FTD MCL-1336/1

The Calculation of the Fundamental Region of An Aerodynamic Turbulent Wake in Closed Flow, by B. G. Khudenko, 11 pp.

RUSSIAN, per, Inzhenerno Fiz Zhur, Vol III, No 12, 1960, pp 3-10. 9673542

FTD-TT-61-135

Atmospheric Turbulence as a Source of Disturbances for Automatic Control Systems of Aircraft, by Yu. P. Dobrolenskiy, 20 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, Energ i Avtomat, No 5, 1961, pp 174-184. 9673554

FTD-TT-61-368

The Flow of Moist Air in Wind Tunnel Nozzles, by A. S. Danilov, 30 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, Mekh i Mash, No 6, 1960, pp 24-37. 9664293

FTD-TT-61-159

Motion Under the Action of a Central Force, by A. Ripianu, 8 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, Mekh i Mash, No 6, 1960, pp 105-108. 9664293

FTD-TT-61-159

Scientific
Aeronautics (Contd)

Selected Articles From the Russian
Periodical Iz Vysshikh Ucheb Zaved,
Aviats Tekh.

No 2, 1958. 9675792
Universal Method of Calculating
Thermodynamic Characteristics of
Rocket Fuels, by V. Ye. Alemasov,
A. P. Tishin, 21 pp, (pp 74-85).

FTD-TT-61-45

Calculation of Gas Ejector, by
I. I. Kalmykov, 19 pp, (pp 93-103).

Some Results of Testing High Speed
Centrifugal Pumps, by B. V. Ovsyannikov,
V. F. Chebayevskiy, 13 pp, (pp 104-111).

No 4, 1960. 9673562
The Self-Balancing of Supersonic
Wings With Variable Dihedral of the
Leading Edge, by Ye. V. Bulygina,
10 pp, (pp 10-17).

FTD-TT-61-189

Solution of the Extreme Problem of the
Movement of a Point Having Variable
Mass, by I. F. Vereshchagin, 19 pp,
(pp 18-30).

No 1, 1961.
Optimum Programming of the Thrust
of the Power Unit When the Flight
Trajectory is Given, by
Ye. V. Tarasov, 13 pp, (pp 38-45).
9664300

FTD-TT-61-415

The Temperature Field of Discs and
Runner Blades of Gas Turbines With
Air Cooling, by V. I. Lokay,
(pp 97-104).

*FTD-TT-62-326

Scientific
Aeronautics (Contd)

Selected Articles From the Russian
Periodical Iz Vysshikh Ucheb Zaved,
Aviats Tekh. (Contd)

No 4, 1961.

*FTD-TT-62-379

On the Study of Stress Distribution
in Monolithic Wings, by M. B. Vakhitov,
(pp 128-131).

On the Calculation of Kinetic Energy
of an Airplane Absorbed by the Brakes
During a Run-Off, by V. S. Shishov,
Yu. G. Korotkiy, (pp 149-155).

New Ski Landing Gear for the AN-1C
(USSR).

RUSSIAN, np, Komsomolskaya Pravda,
16 Dec 1961, p 1.

*FTD-TT-62-407

Simulation of Ejection Apparatus, by
B. S. Stefanovskiy.

RUSSIAN, per, Nauch Dok Vysshey Shkoly,
Mash i Prib, No 1, 1958, pp 75-86.

*FTD-TT-62-448

Methods of Approximate Calculation and
Selection of Parameters for the Design
of Aircraft, by A. L. Gimmel'farba.
RUSSIAN, per, Trudy Inst Mosk Ordenc
Lenina Aviat Inst, Metody Prib Raschetov
i Vybora Parametrov pri Proyektirovanii
Samoletov, No 138, 1961, 100 pp.

*FTD-TT-62-451

Destruction of the Forward Edge of an
Arrow-Shaped Wing in Hypersonic Flow,
by G. A. Tirskiy.

RUSSIAN, per, Zhur Prik Mekh i Tekh
Fig, No 6, Nov/Dec 1961, pp 54-68.

*FTD-TT-62-338

A Controlled Gliding Parachute, by

A. M. Foteyev, I. L. Glushkov,

A. I. Isanin, V. V. Tamarovich.

RUSSIAN, Patent No 35344 (652533/27 of
29 Jan 1960).

*FTD-TT-62-349

Scientific
Aeronautics (Contd)

A Device for Automatically Bringing
Into Action a Parachute Rescue
System, by I. L. Amiragov, V. V.
Ruzakov, L. F. Rastegayev,
A. V. Govotov.
RUSSIAN, Patent No 132957, (655682/40
of 22 Feb 1960).

*FTD-TT-62-350

Effect of Jet Exhausted From the
Trailing Edge on the Aerodynamical
Properties of a Thin Wing Profile,
by Svetopolk Pivko.
CROATIAN, per, Tehnika, No 9, 1960,
pp 1699-1702.

*FTD-TT-62-283

The M 110 H Airplane Engine, by
Frantisek Chmura, Josef Kutek, 5 pp.
CZECH, per, Kridla Vlasti, No 26,
1961, pp 14-16.

JPRS 12830

Carrier Rockets - Basis of Astro-
nautics, by M. Ledvina, 5 pp.
CZECH, np, Praca, 9 Aug 1961.
9673513

FTD-TT-61-364

Adaptation of the Wings in Subsonic
Condition. The Support and Symme-
trical Effects, by M. Enselme.
FRENCH, brochure, Direction Physique
Generale Laboratoire D'analogies
Electriques N. T. 31/1101 AP,
10 Jun 1958, 17 pp.

*FTD-TT-62-263

Note on the Calculation of Body Drag
With Detached Wave, by Unic.
FRENCH, brochure, S.N.C.A.S.O.,
Etude Generale Aerodynamique, No 2206
Ter, 6 Feb 1956, 20 pp.

*FTD-TT-62-261

Application of the Theory of Homo-
geneous Streamlining for Research on
the Adaptation of Certain Wings in a
Supersonic Regime, by M. Fenain,
D. Vallee.
FRENCH, brochure, ONERA, M. T. No 14,
Part I., 19 Jun 1958, 134 pp.

*FTD-TT-62-266

Scientific
Aeronautics (Contd)

Selected Articles From the French
Brochure ONERA, Direction Aerodynamique.

- Note Technique 19/1131 A., Jun 1960,
17 pp. *FTD-TT-62-257
Variation of the Aerodynamic Character-
istics of Wings Adjusted as a Function
of the Mach Number, by D. Vallee,
M. Fenain.
- Rapport 3/2448 A, Sep 1960, 7 pp. *FTD-TT-62-262
Application of the Rheoelectric
Method for the Calculation of Wing
and Fuselage Assembly to Mach1, by
M. Enselme, H. Billig.
- Note Technique 20/1131 A., Mar 1961,
14 pp. *FTD-TT-62-258
Variation of the Aerodynamic Charac-
teristics of Delta Wings Adapted
as a Function of the Mach Number
(Order), by D. Vallee, M. Fenain.
- Note Technique 22/1131 A., May 1961,
13 pp. *FTD-TT-62-259
Calculation of the Supporting Surfaces
at the Ideal Angle of Incidence, by
M. Fenain.
- Note Techniques 23/1131 A, May 1961,
18 pp. *FTD-TT-62-260
Numerical Calculation of the Wings
With the Ideal Incidence, by D. Vallee.
- Rapport 1/2337 A, May 1961, 83 pp. *FTD-TT-62-264
Aerodynamique Characteristics of the
Wing Fuselage. Assembly in the
Vicinity of Sonic Velocity, by
P. Bevierre, M. Belmas.
- The Protection of Ballistic Missile
Sites, by C. Rougeron, 33 pp.
FRENCH, per, Rivista Aeronautica, No 9,
1960, pp 1351-1370. ACSI I-0746
ID 2186169

Scientific
Aeronautics (Contd)

Study of the Main Unit Controls,
by Utter-Bittes.
FRENCH, brochure, Sud-Aviation;
Rapport No. 4060/40., 1957, 34 pp.

*FTD-TT-62-255

Study of the Main Unit Controls, by
Utter-Bittes.
FRENCH, brochure. Sud-Aviation;
Rapport No 4060/39., Jan 1957, 42 pp.

*FTD-TT-62-254

Study of the Internal Drag of the
Controls and of the Brake Flow at the
Low Limite During Decompression,
by Carriere-Bouillot.
FRENCH, brochure, Sud-Aviation;
Rapport No. 4060 01/50., Jun 1957,
39 pp.

*FTD-TT-62-256

A Layout for Vibration Measurements in
Aircraft Construction, by W. Ehrlich,
H. Ganzleben, D. Minder, 17 pp.
GERMAN, per, Automatisierung, Vol IV,
No 7, 1961, pp 287-294.

JPRS 12588

Adapting a Wing With a Flapping Rudder
to a Wing Flap, by Wilhelm Schmidt,
7 pp.
GERMAN, per, Deutsche Flugtechnik,
No 11, 1960, pp 350-352. 9664200

FTD-TT-61-125

Physiological Effect of Coriolis
Accelerations in Aircraft Control,
by G. Schubert.
GERMAN, per, Z. fur Hals-, Nosen-und
Ohrenheilkunde, Vol XXX, 1932,
pp 595-604.

CSIRO

A Saucer-Shaped Airplane, by
C. Teodorescu-Tintea, Fl. Zaganescu,
8 pp.
ROMANIAN, per, Stinta si Tehnica,
No 12, 1960, pp 20-21. 9664198

FTD-TT-61-86

Scientific
Aeronautics (Contd)

Investigations of the Flow Over the
Upper Surface of a Delta-Wing in
Conjunction With Measurements of the
Heat-Transfer - Coefficient and
Temperature Distributions, by
H. Thomann.

SWEDISH, per, F.F.A. Rep. (AU-11-120),
1960.

RAE 965

Measurements of Heat Transfer Coefficient,
Temperature and Pressure Distribution
on a Delta Wing at M-3.0, by H. Thomann.
SWEDISH, per, F.F.A. Rep. (AU-11-120:1),
1960.

RAE 964

Scientific
Astronomy

Qualitative Methods in the Many-Body
Problem, by G. F. Khilmi, 128 pp.
RUSSIAN, bk.

Gordon & Breach

Explanations to the Astronomic Year-
book for 1962.
RUSSIAN, bk, Astronomicheskiy Yezhegodnik
SSSR na 1962, 1960, pp 587-647.

*ACIC

Radio Electronics in Investigations of
the Cosmos, by V. I. Siforov, 5 pp.
RUSSIAN, bk, Radioelektronika v
Issledovaniyakh Kosmosa, Izdatel'stvo
Znaniye, 1960, pp 41-44.

FTD-TT-61-85

Selected Articles From the Russian
Book Trudy Tyatogo Soveshchaniya po
Voprosam Cosmogonii, 1956.

ACIC

Cosmic Radio Emission and Cosmic
Rays, by V. L. Ginzburg, (pp 438-456).

Polarization of Nonthermal Cosmic
Radiation, by G. G. Getmantsev,
V. A. Razin, (pp 496-507).

Theory of the Fermimechanism, by
S. A. Kaplan, (pp 508-511).

The Mechanism of Formation of
Ionospheric Inhomogeneities Causing
the Scintillation of "Radio Stars",
by V. L. Ginzburg, (pp 512-519).

Selected Articles From the Russian
Book Voprosy Kosmogonii, Vol VII, 1960.

*ACIC

On the Question of Formation of
Protoplanets, by Ye. L. Ruskol,
(pp 8-14).

On the Question of Formation and
Evolution of Photoplanet Dust Con-
densations, by V. S. Safronov,
(pp 121-141).

Again on the Central and Peripheral
Theories of Stars' Oscillation, by
S. A. Zhevskii, (pp 324-332). - 166.-

Scientific
Astronomy (Contd)

Revision of Hartwig's Observations
of the Moon (1890-1915) Taking Into
Account the Liberation Effect, by
A. A. Gorynya, 4 pp.

RUSSIAN, per, Astronomicheskiy
Tsirulyar, No 211, 1960, pp 14-16.
9673549

FTD-TT-61-13

Selected Articles From the Russian
Periodical Byul Glavnoy Astron
Observatorii, No 1, 1960.

*ACIC

The Determination of the Function
of Moments of the Moon's Inertia
From Heliometric Observations in
Kazan, by A. A. Yakovkin, (pp 3-14).

Large Couples and Multiple Systems
Which Were Found From Proper
Motions of the Stars, by A. B. Oregina,
(pp 15-22).

The Determination of Constants of
the Physical Libration From Hartwig's
Observations in 1890-1922, With Due
Regard for a Librating Effect on
the Radius of the Moon, by
A. A. Gorynya, (pp 23-35).

The Determination of Stellar Magnitudes
of 240 Stars of Kapteyn's Area,
Using the Red Filter, by
L. N. Kolesnik, (pp 41-51).

The Determination of the Velocity
of a Meteor With a Small Angle of
Convergence, by E. S. Kheylo,
(pp 119-125).

The Tricolor Photometry of Stars
of the Aquila Constellation, by
V. I. Vorschilov, Sh. G. Gordeladze,
(pp 126-129).

Scientific
Astronomy (Contd)

Selected Articles From the Russian
Periodical Byul Inst Teoret Astron,
Ak Nauk SSSR.

ACIC

Vol IV, No 8 (61), 1950.
Several Stokes' Constants for the
Compensated Triaxial Ellipsoid, by
I. D. Zhongolovich, (pp 375-389).

Differences of the Principal Moments
of Inertia of the Triaxial Earth, by
D. V. Zagrebin, (pp 390-401).

The Determinations of the Undulations
of the Geoid by Considering Terms of
the Order of the Flattening of the
Terrestrial Ellipsoid, by
D. V. Zagrebin, (pp 402-407).

Vol V, No 4 (71), 1953, pp 476-497.
The Astronomical Yearbook of the
USSR, by A. M. Gizhitskiy.

Vol V, No 8 (71), 1953.
Summary of the Conference on the
Astronomical Yearbook of the USSR,
(pp 461-465).

The Astronomical Yearbook of the
USSR and the Basic Tasks of Ephemeris
Astronomy, by M. F. Subbotin,
(pp 466-475).

The History of the Compilation of
Nautical and Aerial Astronomical
Ephemerides in Our Country, by
I. D. Zhongolovich, (pp 498-511).

Obtaining Lunar Ephemerides Using
Analytic Computers, by D. V. Zagrebin,
(pp 546-559).

Scientific
Astronomy (Contd)

News About the Temperature of Venus,
3 pp.

RUSSIAN, np, Ekon Gazeta, No 6,
11 Sep 1961, p 44.

Navy Tr 3042/NRL 882

Causality As a Basis of Cosmology,
by G. M. Idlis, 45 pp.
RUSSIAN, per, Iz Astrofiz Inst, Vol XII,
1961, pp 37-55.

JPRS 12860

Stars on the Wire, by V. Chernikova,
(DC-6707).
RUSSIAN, per, Nedelya, No 52, 1961,
18 pp.

*JPRS

Hyperon Stars, by G. S. Saakyan, 19 pp.
RUSSIAN, per, Priroda, No 11, 1960,
pp 14-21. 9664284

FTD-TT-61-314

Selected Abstracts From Soviet
Abstracts Journal, Astronomy and
Geodesy, 25 pp.
RUSSIAN, per, Referativnyy Zhur 1,
No 1, 3, 4, 5, 6, 7, 8, 9, 1961.

JPRS 12669

The Theory of the Regularized Geoid,
by D. V. Zagrebin.
RUSSIAN, per, Trudy Inst Teoret Astron,
Ak Nauk SSSR, Vol I, 1952, pp 87-222.

ACIC

Radioastronomy Investigations and
Instruments, by R. L. Sorochenko,
(DC-6669).
RUSSIAN, per, Vest Ak Nauk SSSR,
Vol XXXI, No 11, 1961, pp 88-93.

*JPRS

At the International Astronomical
Union, by A. A. Mikhaylov, 3 pp.
RUSSIAN, per, Vest Ak Nauk SSSR,
Vol XXXI, No 12, 1961, pp 94-97.

JPRS 13006

Excitation of the Solar-Irradiated
Aurora, by O. Oldenberg.
GERMAN, per, Z. fuer Physik, Vol CXXXIII,
1952, pp 15-20.

CSIRO

Scientific
Biology

New Mesozoic Species of Gymnosperms
From Northwest Kazakhstan, by
V. P. Vladimirovich, 4 pp.
RUSSIAN, rpt, 1956.

MEB

K. A. Timiryazev and the Study
of Photosynthesis, by Ye. M.
Senchenkova (DC-6710).
RUSSIAN, bk, K. A. Timiryazev i
Ucheniye o Fotosinteze, 1961,
pp 155-180.

*JPRS

Mutations in Drosophila Melanogaster.
1. Distribution of Sterility
Mutations in the Chromosomes of
Drosophila Melanogaster, by
R. L. Berg.
RUSSIAN, bk, Obshchestva Estestvoispytatelei,
1938, pp 96-108.

*AEC

Commercial Fishes of the USSR, by
L. S. Ferg, et al.
RUSSIAN, bk, Promyslovye Ryby SSSR,
1949, pp 519-521.

Dept Interior, Biol Lab
Bur of Commercial Fisheries
Seattle, Washington

Radiobiology, by D. E. Grodzenskiy.
RUSSIAN, bk, Radiobiologiya,
Biologicheskoye Deystviye
Ioniziruyushchikh Izlucheni,
1961, pp 20-120.

*FTD-TT-62-355

Geologic Activity of Microorganisms.
RUSSIAN, bk, Geologicheskii
Aktivitiy Mikroorganizm.

*CB

Metabolism of Denervated Insect
Muscle, by I. Novotny.
RUSSIAN, per, Acta Soc Zoolog
Fohemoslovenicae, Vol XXII,
No 3, 1958, pp 232-237.

NLL M. 3029

Scientific
Biology (Contd)

Some Laws of the Light Stimulation
of the Giant Axon of the Cuttlefish,
by R. G. Lyudkovskaya, 11 pp.
RUSSIAN, per, Biofizika, Vol VI,
No 3, 1961, pp 300-308.

JPRS 12645

Measurement of the Rest Potential
and the Action Potential of the
Giant Fiber of the Squid Under
Different Conditions of Discharge,
by L. M. Chaylakhyan, 8 pp.
RUSSIAN, per, Biofizika, Vol VI,
No 3, 1961, pp 309-316.

JPRS 12645

On the Nature of the Inhibitors
Effect of Mitochondria Upon
Clycolysis, by E. A. Pinus,
N. M. Sissakian.
RUSSIAN, per, Biokhim, Vol XXVI,
No 6, 1961, p 190.

*AEC

On Biocoenoses, by A. A. Shorygin.
RUSSIAN, per, Bull Moskov Obshch
Ispytatel Prirod Otdel Biolog,
Vol LX, No 6, 1955, pp 86-98.

CSIRO

N-Oxides of Alkaloids of the Plant
Senecio Platyphyllus, by L. Areshkina.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXV,
No 5, 1949, pp 711-714.

CSIRO 3769

The 22nd Congress of the CPSU and
the Tasks of Biological Sciences.
(DC-6730)
RUSSIAN, per, Iz Ak Nauk SSSR, Ser
Biol, Vol XXVII, No 1, 1962,
pp 3-12.

*JPRS

Scientific
Biology (Contd)

Putting Into Practice....Cytology
[Put Into] Practice, by A. S. Troshin,
V. P. Pribok, et al, (DC-6731).
RUSSIAN, per, Iz Ak Nauk SSSR, Ser
Biol., Vol XXVII, No 1, 1962, pp 127-130.

*JPRS

The Third Conference on the Use of
Mathematical Methods in Biology,
by A. Ye. Vitgeft, (DC-67.2).
RUSSIAN, per, Iz Ak Nauk SSSR, Ser
Biol., Vol XXVII, No 1, 1962, pp 151, 152.

*JPRS

Collection of Self-Pollinated Corn
Varieties of Dutch and South-
European Origin, by F. F. Sidorov.
RUSSIAN, per, Kukuruza, No 10, 1961,
pp 60, 61.

*USDA

Simple Method for the Continuous
Culture of Micro-Organisms Under
Stationary Conditions, by V. A.
Kordyum, 6 pp.
RUSSIAN, per, Mikrobiol Zhur,
Vol XXIII, No 2, 1961, pp 73-75.

JPRS 12547

Remarks of Insufficiently Studied
Problem of Soil Hydrology, by
Yu. Gotshalk.
RUSSIAN, per, Pochvovedenie, No 1,
1957, pp 76-81.

CSIRO 3739

First Plenum of the Commission for
Soil Nomenclature and Classification
at the Academy of Sciences of the USSR,
by N. N. Rozov.
RUSSIAN, per, Pochvovedenie, No 8,
1957, pp 60-65.

CSIRO 3742

Scientific
Biology (Contd)

Natures Patents, by I. Akimushkin,
Yu. Kalinin, 12 pp.
RUSSIAN, per, Priroda, No 3,
Aug 1961, pp 88-93.

JPRS 12584

Selected Abstracts From Soviet
Abstracts Journal, Biology,
51 pp.
RUSSIAN, per, Referativnyy
Zhur. Biologiya, No 6/7, 1961.

JPRS 12536

Monogenetic Trematodes of Some
Fishes in Iran Collected by
E. N. Pavlovsky, by B. E. Bykhovsky.
RUSSIAN, per, Trudy Ak Nauk SSSR,
Zool Inst, Vol VIII, No 4, 1949,
pp 870-878.

CSIRO

Chareal Algae in Cenoses of Hydro-
Macrophytes, by K. V. Dobrokhotova.
RUSSIAN, per, Trudy Vses Gidrobiol
Obshch, Vol V, 1953, pp 258-263.

*USDA

Granary Mites as Vectors of Diseases
of Agricultural Crops, by A. M.
Sigrianskiy.
RUSSIAN, per, Uchenye Zapiski Moskov
Gosud U. Zoologiya, Vol XLII, 1940,
pp 167-177.

NLL RTS 1839

The Organ and the Cell, by G. K.
Khrushchov, V. Ya. Brodskiy, 40 pp.
RUSSIAN, per, Uspekhi Sovremennoy
Biol, Vol LII, No 2, 1961, pp 181-207.

JPRS 12650

Certain Problems of Space Biology,
by O. G. Gazenko.
RUSSIAN, per, Vest Ak Nauk SSSR,
No 1, 1962, pp 30-34.

*FTD-TT-62-412

Scientific
Biology (Contd)

Biologically Active Substances
of Plant Origin, by A. A. Fedorov,
G. V. Pigulevskiy.

RUSSIAN, per, Vest Ak Nauk SSSR,
No 1, 1962, pp 62-67.

*USDA

Installation for Studying Algae, by
V. E. Semenenko, A. A. Nichiporovich.
RUSSIAN, per, Vest Ak Nauk SSSR, No 1,
1962, pp 77-79.

*USDA

Selected Articles From the Russian
Periodical Vest Selskokh Nauk.

No 12, 1961.

*USDA

Prognosis of Display of Heterosis
in Corn, by S. G. Manzyuk, (pp 47-50.)

Selection-Seed Growing Work With
Early Maturing Hybrids and
Varieties of Corn, by I. N. Elagin,
(pp 151-154.)

No 1, 1962.

*USDA

Tasks of Agricultural Microbiology,
by E. F. Berezova, (pp 10-14.)

On Some Aspects of the Studies of
Light Physiology and Light Culture
of Plants, by I. A. Shul'gin,
V. S. Khazanov, T. B. Rzhanova,
(pp 34-40.)

Ways of Increasing the Biological Activity
of Protein Hydrolysates, by Yu. N. Kremer,
A. A. Shmidt, 14 pp.

RUSSIAN, per, Voprosy Pitaniya, Vol XX,
No 6, 1961, pp 3-11.

JPRS 12837

Scientific
Biology (Contd)

The Hygienic Evaluation of Food
Products Treated With Antibiotics,
by Yu. I. Rubinshteyn, 7 pp.
RUSSIAN, per, Voprosy Pitaniya,
Vol XX, No 6, 1961, pp 18-22.

JPRS 12837

Effect of KU-1 Cation Exchange
Resin Treatment of Cow's Milk
on Several Hygienic Indices of
Such Milk, by A. V. Bogolyubova,
6 pp.
RUSSIAN, per, Voprosy Pitaniya,
Vol XX, No 6, 1961, pp 67-70.

JPRS 12837

The Effect of Radiation on
Biological Phenomena, by E. Ernst,
12 pp.
RUSSIAN, per, Voprosy Tsitol i
Obshch Fiz, 1960, pp 382-390.

JPRS 12921

Selected Articles From the Russian
Periodical Zashchita Rasteniy
ot Vreditel'ey i Bolezney.

No 2, 1961.

JPRS 12665

Prospects for the Use of Systemic
Poisons in Gardens, by T. N. Polevoy,
M. T. Dotsenko, Sh. A. Rozinskiy,
3 pp, (pp 8-10.)

Seed Dressers, by K. S. Mushnikova,
11 pp. (pp 33-37.)

Tenth International Conference on
Plant Quarantining and Protection,
by I. A. Churayev, L. N. Zotsenko,
9 pp, (pp 48-51.)

Zonal Coordination Conferences, 14 pp,
(pp 51-56.)

Scientific
Biology (Contd)

Selected Articles From the Russian
Periodical Zashchita Rasteniy ot
Vreditel'ey i Bolezn'ey. (Contd)

No 4, 1961.

JPRS 13146

All-Union Coordinating Conference
on the Quarantine and Protection of
Agricultural Plants and Forest
Planting, 4 pp, (pp 57-60.)

Second All-Union Conference on the
Struggle With Soil Inhabiting Pests,
3 pp, (pp 60, 61.)

Experimental Observations of Group
Associated Immunization With Aerosols
From Anatoxins (Tetanus and Staphylococcus),
by I. F. Titarenko.
RUSSIAN, per, Zhur Mikrobiol, Epidemiol,
i Immunobiol, No 2, 1962, pp 8-14.

*USDA

Species and Species Formation in
Animals, by V. I. Vladimirov.
RUSSIAN, per, Zool Zhur, Vol XXXIII,
No 4, 1954, pp 755-768.

CSIRO 3568

A Method of Determining the Age and
Length of Life of the Muskrat, by
D. S. Tsygankov.
RUSSIAN, per, Zool Zhur, Vol XXXIV,
No 3, 1955, pp 640-651.

CSIRO 3570

Poison Bearing Plants in Bulgaria, by
P. Prodanov.
BULGARIAN, per, Priroda, No 4, 1961,
pp 36-43.

*ACSI I-1008
IL 2191529

Scientific
Biology (Contd)

A Survey of Some Investigations
Concerning the Problem of Wood
Drying, by E. Niskanen.
FINNISH, per, Paperi ja Puu,
Vol XXXIX, No 3, 1957, pp 99-108.

CSIRO 3660

The Nonspecificity of Zinc as a
Biological Catalyst in Cultures of
Aspergillus Niger. Replacement of
Zinc in Raulin's Medium by Cadmium
and Beryllium, by Charles Lapierre,
3 pp.
FRENCH, per, Comptes Rendus Acad Sci,
Vol CLVI, 1913, pp 258-261.

NIH 12-14-61

A Note on Electrode Potential of
Semiconductors in Solution, by
Georges Feuillade, 3 pp.
FRENCH, per, Comptes Rendus
Acad Sci, Vol CCLII, No 9,
1961, pp 1288-1290.

NIH 12-16-61

Microscopical Anatomical Investigations
About the Reproduction in Haddock
(Sebastes Marinus Linne), by J.
Magnusson.
GERMAN, per, Allgemeine Zellforschung
und Mikroskopische Anatomie, Vol XLIII,
1955, pp 121-167.

CSIRO

The Water-Holding Properties of Beef,
by B. R. Suri.
GERMAN, per, Die Fleischwirtschaft,
Vol IX, No 9, 1957, pp 549-551.

CSIRO 3772

The Proposed Laws on Veterinary Affairs
and on the Organization and Management of
Livestock Breeding, 28 pp.
GERMAN, per, Monatshefte fuer Veterinaer
Medizin, Vol XVI, No 19, 1 Oct 1961,
pp 1-12.

JPRS 12513

Scientific
Biology (Contd)

Sterilization of Escherichia Coli
Germs by Chlorine Dioxide and Ozone,
by J. Holluta, U. Unger, 24 pp.
GERMAN, per, Vom Wasser, Vol XXI,
1954, pp 129-142.

AEC NP Tr-745

Hormonal Influence of the Ring
Gland (Corpus Allatum Upon
Puparium Formation in Flies, by
E. Hadorn, et al.
GERMAN, per, Wilhelm Roux' Archiv
fuer Entwicklungsmechanik der
Organismen, Vol CXXXVIII, 1938,
pp 281-304.

CSIRO

The Damage Caused by the Potato
Eelworm, by Lajos Rainiss, 8 pp.
HUNGARIAN, per, Novenytermeles, Vol X,
No 3, 1961, pp 269-274.

JPRS 13014

Possibility to Demonstrate Fixing
Antibodies in the Serum of Swine
Immunized Against Hog Cholera,
by G. Guarini.
ITALIAN, per, Societa Italiana
Delle Scienze Veterinarie Atti,
Vol VII, 1953, pp 764-768.

CSIRO

Dynamic Studies on the Nutrient
Uptake by Crop Plants. 2. Studies
on the Base Exchange Capacity of Plant
Roots, by S. Matsui.
JAPANESE, per, Journal of Soil Manure
Science, Vol XXVII, 1956, pp 30-32.

CSIRO 3507

The Freshwater Fishes and Its
Environment, by Toyohiko Hikita.
JAPANESE, per, Scientific Report
Hokkaido Salmon Hatchery, No 15,
1961, pp 47-67.

Dept Interior
Biol Lab
Bur of Commercial
Fisheries, Seattle

Scientific
Biology (Contd)

The Damage of Salmon Eggs and
Fry by Predaceous Fishes, by
Toyoshiko Hikita, Ariaki Nagasawa.
JAPANESE, per, Scientific Reports
Hokkaido Salmon Hatchery, No 15,
1961, pp 69-83.

Dept Interior
Biol Lab
Bur of Commercial Fisheries
Seattle

Biological Effect of CM and DM
Waves, by S. Haduch, P. Czerski,
S. Baranski, 15 pp.
POLISH, per, Lekarz Wojskowy,
Vol XXXVI, No 8, 1960,
pp 792-803. 9664227

FTD-TT-61-379

New Species of the Genus
Atactorhyncus Van Cleave,
1935, by D. A. Machado Fildo.
PORTUGUESE, per, Revista
Brasileira de Biologie, Vol XI,
1951, pp 29-31.

CSIRO

Data on Fish in the Bistrita River
and Their Long Range Prospects for
Development in the Bicaz Storage
Lake, by Ion Miron (NY-6999).
RUMANIAN, per, Natura, Vol XIII,
No 5, Sep-Oct 1961, pp 61-65.

*JPRS

Selected Abstracts From East
European Technical and Scientific
Journals, Biology, and Medicine
(1), 49 pp.
VARIOUS, per, 1961.

JPRS 12943

The Distribution and Excretion of
Radioactive Ruthenium (^{106}Ru) in Mice,
by Sairenji.
UNKNOWN, per, Radioisotopes, Vol IX,
No 3, 1960, pp 275-288.

*AEC

Scientific
Chemistry

Electrochemistry of Molten and Solid
Electrolytes, 100 pp.
RUSSIAN, bk, Collection of Papers.

CB

Some Changes in Nucleoproteins, Nucleic
Acids and Their Metabolic Products
Caused by Ionizing Radiation, by
T. N. Rysina, 9 pp.
RUSSIAN, bk, Biologicheskoye Deystviye
Radiatsii i Voprosy Raspredeleniya
Radioaktivnykh Izotopov, 1961,
pp 9-17.

JPRS 12704

Toxic Agents, 27 pp.
RUSSIAN, encyclopedia, Bol'shaya
Meditsinskaya Entsiklopediya, 1961, pp 806-829.

JPRS 12749

Use of Antibiotics for the Preser-
vation of Food Products, by G. B. Dubrova,
3 pp.
RUSSIAN, monograph, Primeneniye Antibiotikov
dlya Sokhraneniya Pishchevykh Produktov,
1961, pp 82-84.

JPRS 12828

Hydrophobization in Building-Repair
Work, by N. V. Shorokhov.
RUSSIAN, bk, Proceeding From Conference
in Leningrad, 1958, on the Practical
Application of Organo-Silicon Com-
pounds., pp 92-97.

NLL M.3387

The Role of Antioxidants in Initial
Radiobiological Effects, by
A. I. Zhuravlev, 21 pp.
RUSSIAN, bk, Rol'perekisey i Kisloroda v
Nachal'nykh Stadiakh Radiobiologicheskogo
Effekta, 1960, pp 55-66.

JPRS 12465

The Effect of Ionizing Radiation on
Oxidation-Reduction Reactions in a
Cell, by D. M. Mikhlin, 8 pp.
RUSSIAN, bk, Rol'perekisey i Kisloroda v
Nachal'nykh Stadiakh Radiobiologicheskogo
Effekta, 1960, pp 67-71.

JPRS 12465

Scientific
Chemistry (Contd)

Alloys on the Base of High-Melting
Compounds, by G. V. Samsonov,
K. I. Portnoy.
RUSSIAN, bk, Splavy na Osnove Tugo-
plavkikh Soedineniy, Oborongiz, 1961,
303 pp.

*FTD-TT-62-430

The Fuel Combustion Process in a Cen-
trifugally Squeezed Layer, by
N. I. Syromyatnikov.
RUSSIAN, rpt, Trudy Mezhvuz. Konferentsii
po Energotekhnol. Ispol'zovaniyu i
Ratsional'n. Metodam Szhiganiya Melko-
zernist. Topliva. Sverdlovsk Ural'skiy
Politakhn. Inst; 1959, pp 128-135.

*FTD-TT-62-321

The Inter-Relationships Between
Cellulose-Decomposing Bacteria and
Azotobacter, by Yu. Voznyakovskaya.
RUSSIAN, per, Agrobiologiya, No 4,
1954, pp 81-85.

CSIRO 3563

The Detoxifying and Disintoxicating
Properties of Mycerin With Respect to
Botulinus and Staphylococcal Toxins,
by V. N. Derkach, 6 pp.
RUSSIAN, per, Antibiotiki, Vol VI,
No 11, 1961, pp 1006-1009.

JPRS 12924

The Use of Ionizing Radiations for
Control of Dormancy in Potatoes
During Storage, by B. A. Rubin,
L. V. Metlitskiy, Ye. G. Sal'kova,
93 pp.
RUSSIAN, per, Biokhimiya. Plodov i
Ovoshchey, Bio 6, No 6, 1961, pp 5-57.

JPRS 12791

Investigation of the Chlorination of
Niobium Pentoxide and Zirconium
Dioxide, by I. S. Morozov,
B. G. Korshunov, 17 pp.
RUSSIAN, per, Chemistry of Rare Elements,
No 2, 1955, pp 102-114. 9095553

AEC Tr-4868

Scientific
Chemistry (Contd)

Wood-Drying in Superheated Steam,
by I. Krechetov, B. Tsarev.
RUSSIAN, per, Derevoob Prom, Vol IV,
No 12, 1955, pp 9-12.

CSIRO 3673

Synthesis of Aliphatic Compounds of
Elements by a Diazo Method. Synthesis
of Compounds of Group III Elements:
Organo-Thallium and Boron Compounds,
by A. Ya. Yakubovich, V. A. Ginsburg.
RUSSIAN, per, Dok Ak Nauk SSSR,
Vol LXXIII, No 5, 1950, pp 957-958.

MLL RTM 195

Polymerization of Nitroethylene Under
the Action of Radiation by
V. N. Sokolov, I. Ya. Poddubnyy, et al.
RUSSIAN, per, Dok Ak Nauk SSSR,
Vol CXXXVIII, No 3, 1961, pp 619-620.

*FTD-TI-62-296

Hydrogen Embrittlement of Alloys of
Iron With Chromium as a Function of
the Temperature and the Testing Speed,
by V. A. Yagunova, K. V. Popov.
RUSSIAN, per, Fiz Metal i Metall,
Vol XII, No 2, 1961, pp 176-182.

*FTD-TT-62-444

On the Character of the Reaction of
Certain Refractory Carbides and Their
Solid Solutions With Carbon, by
K. I. Portnoy, Yu. V. Levinskiy,
V. I. Fadeyeva, 4 pp.
RUSSIAN, per, Iz Ak Nauk SSSR, Otdel
Tekh Nauk, Metall i Toplivo, No 2,
1961, pp 147-419. 9095552

AEC Tr-4871

Kinetics of Ammonia Synthesis on an
Iron Catalyst With Addition of
Uranium, by A. P. Zasorin,
V. G. Khalabuzer, Ye. I. Pizin.
RUSSIAN, per, Iz Vysshikh Ucheb Zaved,
Khim i Khim Tekh, Vol III, No 4, 1960,
pp 695-698.

*Dept of Interior

Scientific
Chemistry (Contd)

The Synthesis of Some C₁₅--C₁₉ Cyclohexane Homologs Which Have Increased Volumetric Heat of Combustion, by Ye. B. Sokolova, M. P. Shebanova, 7 pp. RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Khim i Khim Tekh, Vol III, No 6, 1960, pp 1040-1044. 9664207

FTD-TT-61-279

Equilibria in the Nb - C - O System, by F. G. Kusenko, P. V. Gel'd, 9 pp. RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Tsvet Metall, No 2, 1961, pp 43-52. 9095539

AEC Tr-4867

The Calculation of Catalytic Processes in Industrial Reactors, by G. K. Breskov, M. G. Slin'ko. RUSSIAN, per, Khim Prom, No 3, 1960, pp 193-201.

NLL RTS 1883

Removal of Sulphur Compounds From Hydrocarbon Gases, by E. G. Rozantsev, I. I. Verger. RUSSIAN, per, Khim Prom, Vol V, 1961, pp 339-340.

*Dept of Interior

The Evaluation of the Lacquer Forming Tendencies of Lubricating Oils, by V. S. Demchenko. RUSSIAN, per, Khim i Tekh Topliv i Masel, Vol VIII, 1961, pp 53-57.

Thornton Res Centre
1058

Fifth International Biochemical Congress, by Ye. A. Govorovich, 16 pp. RUSSIAN, per, Klin Med, Vol XXXIX, No 12, 1961, pp 132-138.

JPRS 12085

Physiologically Active Polypeptides, by L. N. Fokina, G. I. Samokhvalov, 13 pp. RUSSIAN, per, Med Prom, Vol XV, No 11, 1961, pp 3-12.

JPRS 13003

Scientific
Chemistry (Contd)

Methyldiazyl, Methyldiphacyl, and
Their Ammonium Salts, by S. F. Torf,
N. V. Khromov-Borisov, M. L. Indenbom,
15 pp.
RUSSIAN, per, Med Prom, No 12, 1961,
pp 19-25.

JPRS 12705

Rehabilitation of DNA, by R. Salganik.
RUSSIAN, per, Nauka i Zhizn, Vol XXIX,
No 1, 1962, pp 10-13.

*USDA

An Unseen Intermediary The Role of
Soluble RNA in Protein Synthesis,
by D. Knorre.
RUSSIAN, per, Nauka i Zhizn, Vol XXIX,
No 1, 1962, pp 47-49.

*USDA

Analysis of Plutonium by the Method of
Evaporation in Vacuo, by A. N. Zaidel.
RUSSIAN, per, Optika i Spektro, Vol III,
1957, pp 16-20.

*AEC UCRL Tr-766(L)

The Role of Phosphates in Increasing
Soil Fertility, by A. Dushechkin, et al.
RUSSIAN, per, Pochvovedenie, No 10, 1955,
pp 1-10.

CSIRO 3561

A Chemical Theory of Cation Exchange, by
I. Serdobol'skiy.
RUSSIAN, per, Pochvovedenie, No 6, 1957,
pp 24-34.

CSIRO 3745

The Magnetic and Electrical Properties
of Macromolecules, by L. A. Blyumenfel'd,
6 pp.
RUSSIAN, per, Priroda, Vol I, No 2, 1961,
pp 55-59.

JPRS 12342

Intermediate Active Forms of the
Catalytic Oxidation of Hydrocarbons, by
L. Ya. Margolis.
RUSSIAN, per, Problemy Kinetiki i
Kataliza, Vol X, 1960, pp 410-414.

*Dept of Interior

Scientific
Chemistry (Contd)

Alkaline Lignite Preparations for Improving the Quality of Muds for Test Drilling, by E. A. Dem'yanova, A. F. Grachava.

RUSSIAN, per, Rayvedka i Okhrana Medr, Vol XXII, No 6, 1956, pp 43-45.

*Dept of Interior

Selected Abstracts From Soviet Abstracts Journal Biochemistry, 28 pp. RUSSIAN, per, Referativ Zhur Biol Khim, No 3, 4, 5, 6, 7, 12, 13, 14.

JPRS 12535

Reaction of Iron Sulphides With Sulphur Dioxide, by N. P. Diev, et al. RUSSIAN, per, Trudy Ak Nauk SSSR, Inst Metal: Ural'skii Filial, No 2, 1958, pp 95-105.

NLL RTS 1876

The Determination of Phenolic and Acid Hydroxyl in Shale Tars by High Frequency and Potentiometric Titration, by G. N. Skrynnikova, N. I. Matveyeva. RUSSIAN, per, Trudy Vses Nauch-Issled Inst po Pererabotke Slantsev, No 7, 1959, pp 282-293.

NLL RTS 1850

Determination of Oxygen in Metals and Oxides Using Sulfur Monochloride S₂Cl₂ III Determination of Oxygen in Oxides of Chromium, Titanium, and Zirconium and in Some Metals and Alloys, by K. E. Kleiner, N. V. Obolonchick. RUSSIAN, per, Ukrain Khim Zhur, Vol XXV, 1959, pp 370-373.

*AEC UCRL Tr-801(L)

Transition of the Detonation of a Gaseous Ozone-Oxygen Mixture Into a Liquid Ozone-Oxygen Solution, by B. V. Strakhov, V. P. Lebedev, N. I. Kobozev. RUSSIAN, per, Vest Mosk Univ, Ser II Khim, No 4, 1961, pp 31-32.

*FTD-TT-62-337

Scientific
Chemistry (Contd)

A Study of the Mechanism of Ageing
in Synthetic Fibres. 1. A Study of
the Thermal and Thermo-Oxidative
Action of Polyamides and Their
Fibres, by N. V. Mikhailov, et al,
4 pp.

RUSSIAN, per, Vysokomol Soedineniya,
Vol II, 1960, pp 581-589.

TIL/T5248

On The Question of the Hygienic
Significance of Aeroionization, by
A. A. Minkh, 6 pp.

RUSSIAN, per, Zdravookhraneniye
Belorussii, No 11, 1961, pp 31-35.

JPRS 13004

Effect of Internal Diffusion on the
Course of a Heterogeneous Catalytic
Reaction Retarded by the Reaction
Product, by V. M. Cherednickenko, et al.
RUSSIAN, per, Zhur Fiz Khim, Vol XXXI,
No 1, 1957, pp 157-164.

CSIRO

Oxidation of Nitrogen in an Arc Dis-
charge Under Pressure, by N. S. Fateyeva,
A. N. Grishko, 8 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXV,
No 11, 1961, pp 2553-2556. 9675786

FTD-TT-62-34

Fusibility of Halides of Cesium and
Sodium in Binary Systems, by
R. G. Samuseva, V. Ye. Plyushchev,
7 pp.

RUSSIAN, per, Zhur Neorgan Khim,
Vol VI, No 9, 1961, pp 2139-2141.
9673552

FTD-TT-61-234

Stability and Volatility of Sn Oxides,
by B. K. Veselovsky.

RUSSIAN, per, Zhur Prik Khim, Vol XVI,
1943, pp 397-416.

*AEC

Scientific
Chemistry (Contd)

Compounds of Hafnium With Beryllium,
Their Crystalline Structure and
Certain Properties, by P. I. Krip-
yakevich, M. A. Tylkina, Ye. M. Savitskiy,
16 pp.

RUSSIAN, per, Zhur Strukturnoy Khim,
Vol II, No 4, 1961, pp 424-433. 9664305

FTD-TT-61-240

Modernization of the Plant and Intensi-
fication of Production of Concentrated
Phosphorous Fertilizer, by V. A. Kononov,
S. D. Evenchik.

RUSSIAN, per, Zhur Vses Khim Obshch
imeni D. I. Mendeleyeva, Vol VI, No 1,
1961, pp 2-16.

NLL RTS 1903

Complexometric Method of Determining
Aluminium, by O. Budevski, L. Simova,
4 pp.

BULGARIAN, per, Dokladi Bolgarskoy Ak
Nauk, Vol XIV, No 2, 1961, pp 179-182.

JPRS 12519

Selected Articles From the Czech
Periodical Chemicke Listy,

Vol XLIX, 1955, pp 325-327.
Chromatography of Aromatic Isomers.
Part II, by Jaroslav Franc,
J. Latinak.

*AEC UCRL Tr-800(L)

Vol LI, 1957, pp 890-894. 9095564
Semi-Micro Chromatographic Analysis
of Gases. XIII. Separation of
Chlorine, Bromine and Iodine, by
J. Janak, M. Nedorost,
V. Bubenikova, 13 pp.

AEC NP Tr-795

Vol LI, No 8, 1957, pp 1521-1529.
On the Constitution of Xanthinin,
by L. Dolejs, et al.

CSIRO 3848

Scientific
Chemistry (Contd)

Selected Articles From the Czech
Periodical Chemicke Listy. (Contd)

Vol LIII, 1959, pp 465-480.

9097692

ACSIL No 1292

The Behaviour of Elements in Trace
Quantities, by A. K. Lavrukhina,
22 pp.

Vol LVI, No 1, 1962, pp 1-10.

*FTD-TT-62-248

Contemporary State and Vistas in
Coordination Chemistry, by
A. A. Grinberg.

Chemically Treated Saccharide Cinders,
by I. Macasek, V. Lorenz.

CZECH, per, Slevarenstvi, Vol IX,
Feb 1961, pp 41-46.

*BISI 2601

A Method for Determining the Resistivity
of Semiconductors With Relatively High
Resistivity, by T. Kytoniemi.

FINNISH, per, Valtion Teknillinen
Tutkimuslaitos, Tiedotus, Vol II, No 9,
1961.

*AEC

The Behavior of Rare Gases in Solids at
High Temperatures, by J. Blin.

FRENCH, CEA Rpt No 1444, 1960.

*AEC

The Properties of Zirconia-Based Solid
Refractory Solutions and the Stabilization
of Cubic Zirconia, by J. Stocker.

FRENCH, per, Annales de Chimie, Vol V,
1960, pp 1459-1552.

*AEC

Determination of the Threshold Values
of Attack on Cellulose by Disodium Chlorite
Solutions in Acid Medium, by F. Kocher.

FRENCH, per, Bull Institut Textile de
France, Vol XXXI, 1952, pp 19-90.

CSIRO

Scientific
Chemistry (Contd)

Action of a Solution of Chromic Anhydride
in Acetic Acid on Natural and Artificial
Graphites: Formation of Intercalated
Compound and Oxidation, by Platzer, 11 pp.
FRENCH, per, Bull Soc Chim de France,
Jan 1961, pp 177-180. 9095542

AEC Tr-4844

Study of Steel Sampling for Chemical
and Spectrographic Analysis, by Amstutz.
FRENCH, per, Centre Documentation
Siderurgique Circulaire d'Informations
Techniques, No 7-8, 1961, pp 1777-1789.

BISI 2645

Selected Articles From the French
Periodical Comptes Rendus.

Vol CCXXVIII, 8 Jun 1949, pp 1814-1816.
Synthesis of Tourmaline and of Yere-
meyerite (Eichwaldite), by Mireille
Michel-Levy.

*AEC

Vol CCXXX, 19 Jun 1950, pp 2213-2214.
Artificial Reproduction of Sillimanite
(Fibrolite), by Mireille Michel-Levy.

*AEC

Vol CCXLII, 1956, pp 2259-2261.
Oxygenated Derivatives of Tertiary
Tetra-Amines. Chemical and
Pharmacological Study, by R. Hazard.

CSIRO

Vol CCL, No 18, 2 May 1960, p 3025.
On the Reduction of Europium Sesqui-
oxide and the Preparation of Europium
Monoxide, by Jean-Claude Achard.

*AEC

Photochemical Oxidation of Ferrous Ions
in Aqueous Solution. Study of the Inverse
Reduction Reaction by Atomic Hydrogen,
by Marc Lefort, Pierre Douzou, 13 pp.
FRENCH, per, J Chim Phys, Vol LIII,
1956, pp 536-541. 9097027

AEC Tr-4863

Scientific
Chemistry (Contd)

Diffusion and Solubility of Hydrogen
in Metals, by J. Eichensauer.

FRENCH, per, Memoires Scientifique de
la Revue Metall, Vol LVII, No 12,
1960, pp 943-948.

*BISI 2644

Aluminum and Phosphate Flocculation
as a Method for Treating Low Radio-
active Wastes, by K. F. Eschle.

FRENCH, per, Nouvelles Techniques,
No 3, 1961, pp 151-161.

*AEC

Application of Gas Phase Chromatography
to the Determination of Hydrogen,
Nitrogen and Oxygen in Iron and Steel,
by P. Tyou, A. Hons.

FRENCH, per, Revue de Metallurgie,
Vol LVIII, Feb 1961, pp 187-193.

BISI 2174

Separation and Analysis of Dihydric
Phenols by Gas Chromatography, by
J. Janak, R. Komers.

GERMAN, Collection of Czechoslovak
Chemical Communications, 24 Jun 1959,
pp 1960-1966.

BISI 2551

Modes of Formation and Reactions of
Dehydrobenzene, (Cyclohexadiene),
by G. Wittig.

GERMAN, per, Angewandte Chemie,
Vol LXIX, No 8, 1957, pp 245-251.

CSIRO 3697

A-Zalkylcinchoninic Acids and A-Alkyl-
Quinolines, by O. Dobner.

GERMAN, per, Annalen der Chemie,
Vol CCXLII, 1887, pp 265-269.

CSIRO

Investigation of the Completeness of
Estimation of Sulphur Content in Works
Products, Using Various Combustion
Processes, by D. Blazejak-Ditjes.

GERMAN, per, Archiv fuer Eisenhuettenwesen,
Vol XXXI, Dec 1960, pp 717-722.

*BISI 2683

Scientific
Chemistry (Contd)

Determination of Equilibria Between
Co-Co₂ Mixtures and γ -Mixed Crystal,
Cementite and Graphite, by E. Scheil,
T. Schmidt, J. Wunning.
GERMAN, per, Archiv fuer Eisenhuettenwesen,
Vol XXXII, Apr 1961, pp 251-260.

BISI 2505

A Contribution to the Thermo-Dynamics of
the Reaction of Dephosphorisation Under
Phosphate Slags Which Contain Lime,
by H. Knuppel, F. Oeters.
GERMAN, per, Archiv fuer Eisenhuettenwesen,
Vol XXXII, Dec 1961, pp 799-808.

*BISI 2660

On the Application of Gamma Radiation
Barriers to Charge-Level Control
Measurement in Liquid-Chlorine Vessels,
by Kurt Thormann, 4 pp.
GERMAN, per, Automatisierung, Vol IV,
No 7, 1961, p 298.

JPRS 12487

The Transport of Pulverized Coal by
Carrier Gas, by A. Schneider.
GERMAN, per, Energie, Jahrg. Vol XII,
No 9, 1960, pp 378, 388.

*Dept of Interior

The Internal Damping Mode of FE-C-N
Alloys and of Al MG 1, by F. X. Eder,
H. Haefner, 9 pp.
GERMAN, per, Experimentelle Technik der
Physik, Vol IX, No 1, 1961, pp 37-43.

JPRS 12377

Permeability of Lacquer Films of
Synthetic Oils to Water Vapour, and
Their Connection With Swelling and
Resistance to Damp, by K. Weinmann.
GERMAN, per, Farbe und Lack, Vol LXI,
No 7, 1955, pp 315-323.

CSIRO

Radiation Chemistry of the Hydrocarbons,
Fourth Communication: Toluene, by
Jurg Hoigne, Tino Gaumann.
GERMAN, per, Helvetica Chimica Acta,
Vol XLIV, No 7, 1961, pp 2141-2150.

*AEC

Scientific
Chemistry (Contd)

Effect of 17-alpha-methyl-17-beta-hydroxy-androsta-1, 4-diene-3-one (Dianabol) on the Metabolism of Albumin Tagged With I¹³¹, by H. Doorenbos, J. J. Bode, J. J. M. Vegter, M. G. Woldring, 3 pp.
GERMAN, per, Helvetica Med Acta, Vol XXVII, 1960, pp 527-529.

NIH 10-28-61

Ion Exchange in Mixed Solvents-I. Distribution of Uranium in Inorganic-Acid. Solutions Containing Alcohol, and Strongly Basic Anion Exchanger Dowex-1, by J. Korkisch, P. Antal, F. Hecht, 4 pp.
GERMAN, per, J Inorg Nucl Chem, Vol XIV, 1960, pp 247-250. 9095551

AEC Tr-4874

Ion Exchange in Mixed Solvents. II. Distribution of Thorium, Zirconium and Titanium in Inorganic-Acid Solutions Containing Alcohol, and the Strongly Basic Anion Exchanger Dowex-1, by P. Antal, J. Korkisch, F. Hecht, 5 pp.
GERMAN, per, J Inorg Nucl Chem, Vol XIV, 1960, pp 251-254. 9095549

AEC Tr-4875

Ion Exchange in Mixed Solvents. III. Distribution of Thorium Chloride Between Hydrochloric-Acid Solutions Containing Alcohol, and Strongly Basic Anion Exchangers, by J. Korkisch, F. Tera, 6 pp.
GERMAN, per, J Inorg Nucl Chem, Vol XV, 1960, pp 177-181. 9097025

AEC Tr-4876

Industrial Aspects of Isotope Applications, by H. Krauch, 11 pp.
GERMAN, per, Kerntechnik, Vol III, No 1, 1961, pp 4-7. 9095568

AEC NP Tr-798

Scientific
Chemistry (Contd)

The Application of Mass Spectroscopy
in Analytical Chemistry, by H. Hintenberger,
17 pp.

GERMAN, per, Mikrochimica Acta, No 1-6,
1956, pp 71-90. 9097695

ACSIL No 1239

Crystallised Anhydroidic Acid as an
Oxidant in Direct Micro Oxygen
Determination on Organic Substances,
by J. Unterzaucher.

GERMAN, per, Mikrochimica Acta, No 4-6,
1956, pp 822-832.

CSIRO

Aluminum Corrosion in Water-Cooled
Reactors, by K. H. Buob, E. Schenker,
15 pp.

GERMAN, per, Nueve Technik, Vol III,
1961, pp 288-295. 9095554

AEC Tr-4878

Contribution on the Isolation of Sul-
phides, by E. Artner.

GERMAN, per, Radex Rundschau, No 5-6,
1957, pp 725-726.

BISI 2502

Formation and Separation of Sulphide
Inclusions in Steel and Cast Iron, by
E. Plockinger, A. Randak.

GERMAN, per, Radex Rundschau, No 5-6,
1957, pp 768-770.

BISI 2503

On Filiform Corrosion - a New Type of
Corrosion, by A. Bukowiecki.

GERMAN, per, Schweizer Archiv fuer
Angewandte Wissenschaft und Technik,
No 5, 1955, pp 165-168.

CSIRO

Chlorine Dioxide for the Removal of
Odour and Taste From Surface Waters,
by H. O. Hettche, 7 pp.

GERMAN, per, Stadtehygiene, Vol V, No 1,
1954, pp 5-6.

AEC NP Tr-738

Scientific
Chemistry (Contd)

The Phosphorous-Oxygen Equilibrium
Between Molten Iron and Lime Saturated
Phosphate, by H. Knuppel, F. Oeters.
GERMAN, per, Stahl und Eisen, Vol LXXXI,
No 22, 26 Oct 1961, pp 1437-1439.

*BISI 2646

Orientated Intergrowths of Spinel Rich
in Iron Oxide With Mullite, by S. Kienow.
GERMAN, per, Tonindustrie-Zeitung und
Keramische Rundschau, Vol LXXXIII,
No 265, 1959, pp 275-281.

BISI 2539

Observations, Investigations and
Experiments Regarding Apple Mildew,
by R. Fischer.
GERMAN, per, Vienna Bundesanstalt
fuer Pflanzenschutz, pp 212-244.

CSIRO

The Heat of Formation of Ammonium-
Hydrogen Fluoride, by H. Schutza,
M. Eucken, W. Namsch, 7 pp.
GERMAN, per, Z fuer Anorganische und
Allgemeine Chemie, Vol CCXCII, 1957,
pp 293-297. 9097024

AEC Tr-4869

On the Modifications of Boron. Experi-
ments on the Incorporation of Beryllium
in the Boron Lattice, by H. J. Becher,
A. Schafer, 5 pp.
GERMAN, per, Z fuer Anorganische und
Allgemeine Chemie, Vol CCCVI, 1960,
pp 260-265. 9095532

AEC UCRL Tr-740(L)

On the Nitrides of Metals of the First
Group of the Periodic System, by
R. Jura, H. Hahn.
GERMAN, per, Z fuer Anorganische Chemie,
Vol CCXLIV, 1940, pp 133-148.

*AEC

Investigations on the Cesium-Oxygen
System, by G. Brauer.
GERMAN, per, Z fuer Anorganische Chemie,
Vol CCLV, 1947, pp 101-124.

*AEC

Scientific
Chemistry (Contd)

The Determination of Chlorine Dioxide
in Water, by H. O. Hettche, 13 pp.
GERMAN, per, Z Hygiene Infektionskrankh,
Vol CXXXVIII, 1954, pp 94-100.

AEC NP Tr-735

Yield Point of Iron Single Crystals,
by M. Evers.
GERMAN, per, Z fuer Metallkunde,
Vol LII, May 1961, pp 359-364.

*BISI 2593

The Diffusion of Radon in Oxides
After Recoil Indication, by
Roland Lindner, Hans J. Matzka.
GERMAN, per, Z fuer Naturforsch,
Vol XVa, 1960, pp 1082-1086.

*AEC

The Detection of Defined Reversible
Associates ("Reversible Polymerisates")
of Acridine Orange by Absorption and
Fluorescence Measurements in Aqueous
Solution, by Valentin Zanker, 23 pp.
GERMAN, per, Z Physik Chem, Vol CIC,
No 4, 1952, pp 225-228.

NIH 12-10-61

The Reaction-Mechanism of the Acid-
Dissociation as Shown by the Protolytic
Reaction of Activated β -Naphthol,
by A. Weller, 17 pp.
GERMAN, per, Z Physik Chem, Vol III,
No 3-4, 1955, pp 238-254. 9097549

ACSIL No 1187

Calculation of the Stationary Bond
Energy of the H₂ Molecule, by
Ilona Tamassy-Lentei, 6 pp.
HUNGARIAN, per, Magyar Fizikai
Folyoirat, Vol IX, No 4, 1961,
pp 265-268.

JPRS 12529

Newer Tendencies of the Development
of Silicone Chemistry I, by
Szekely Tamas, 18 pp.
HUNGARIAN, per, Magyar Kemikusok Lapja,
No 7, 1961, pp 324-330. 9675855

FTD-TT-61-303

Scientific
Chemistry (Contd)

Newer Tendencies of the Development
of Silicone Chemistry II, by
Szekely Tamas, 12 pp.

HUNGARIAN, per, Magyar Kemikusok Lapja,
No 7, 1961, pp 362-367. 9675855

FTD-TT-61-303

Cooling by Liquid Metals. Problems of
Compatibility, by R. Darras, 26 pp.
ITALIAN, per, Energie Nucleaire, Vol III,
Mar-Apr 1961, pp 128-138.

AEC HW Tr-29

Biguanide Derivatives of Some Esters of
p-Aminobenzoic Acid, by D. Cattapan,
A. Vercellone.

ITALIAN, per, Gazzetta Chimica
Italiana, Vol LXXXV, 1955, pp 345-348.

CSIRO

Substances Similar to Muroxing. Pre-
paration and Properties of a Series of
Choline Esters of Acrylic and Propionic
Acids, D-Substituted With Different
Heterocyclic Nuclei.

ITALIAN, per, Gazzetta Chimica Italiana,
Vol LXXXVI, 1956, pp 266-274.

CSIRO

The Frequency of the Chemical Elements,
by G. Bussetti.

ITALIAN, per, Nuovo Cimento, Vol XII,
1954, pp 769-779.

*AEC UCRL Tr-804(L)

Liquid-Phase Oxygen Oxidation of p-Xylene
and p-Toluic Acid Under Gamma Radiation,
by J. Imamura, 13 pp.

JAPANESE, per, Government Chemical
Industrial Research Institute, Vol LV,
No 9, 1960, pp 346-350. 9095560

AEC NP Tr-794

Visco-Elastic Behaviour of Creases in
Cellulose Fibres, by K. Murakami.

JAPANESE, per, Journal of the Chemical
Society of Japan, Vol LIX, No 1, 1956,
pp 41-45.

CSIRO 3789

Scientific
Chemistry (Contd)

A Study of the Fabrication of BeO-UO₂
by Means of Vacuum Hot Pressing, by
Katsuzo Kida, Susumu Nishigaki,
Ryuzo Ueda, 16 pp.
JAPANESE, per, Nippon Genshiryoku Gakkai
Shi, Vol III, No 3, 1961, pp 200-207.
9095570

AEC NP Tr-804

Part V. The Separation of Beryllium
by the Use of an Ion-Exchange Resin,
by Taketatsu Tomitsugu, 8 pp.
JAPANESE, per, Nippon Kagaku Zasshi,
Vol LXXIX, No 5, 1958, pp 586-594.
9095569

AEC NP Tr-797

Standard Vibrations of Hydrazine, by
Akiko Yamaguchi, 10 pp.
JAPANESE, per, Nippon Kagaku Zasshi,
Vol LXXX, No 10, 1959, pp 1109-1112.
9095534

AEC UCHL Tr-727(L)

Theoretical Reflections on the
Electrochemical Properties of Liquid
Ammonia, by Makishima Shoji.
JAPANESE, per, Tokyo Imperial Univ,
Faculty of Engineering Journal,
Vol XXI, No 2, 1938, pp 115-168.

CSIRO

Epoxy Resins (Abstract), by
W. Laskawski, 3 pp.
POLISH, per, Nowe Wydawnictwa, 1960,
pp 287, 288. 9675774

FTD-TT-61-304

Determination of Effectiveness of
Mixing by Turbine Mixers, by
Henryk Blasinski, 12 pp.
POLISH, per, Przemysl Chem, Vol XXXIX,
1960, pp 760-772.

AEC Tr-4846

On Possibilities of Increasing the
Heat of Hydrocarbon Fuel Combustion,
by Bogdan Wislicki, 16 pp.
POLISH, per, Przemysl Chem, Vol XL,
No 5, 1961, pp 240-244. 9675856

FTD-TT-61-386

Identification of Elastomers, by
A. Cercia Vargas.
SPANISH, per, Revista de Plasticos,
Vol XII, 1960, pp 409-414.

*AEC

Scientific
Electricity

Hydroelectric Power Plants in Northern
Caucasus, by Ya. N. Flekser, 128 pp.
RUSSIAN, bk, Iz Opty Eksploatatsii
Gidroelektrostantsiy Severnogo Kavkaza,
1958, pp 1-56.

JPRS 12928

A Self-Adjusting System of Automatic
Control of Electric Pipe-Welding Mills,
by A. B. Chelyustkin, V. A. Ivanov,
26 pp.
RUSSIAN, per, Elektrichestvo, No 2,
1960, pp 13-18.

JPRS 12929

Electricity From a Gas Jet, by
A. Sheyndlin, 5 pp.
RUSSIAN, np, Izvestiya, 25 June 1961.

JPRS 12467

Regeneration of Storage Batteries, by
S. Bodin.
RUSSIAN, per, Radio, Oct 1961, p 39.

*FTD-TT-62-357

Small-Scale Hermetic Storage Batteries.
RUSSIAN, per, Radio, Oct 1961, pp 59-61.

*FTD-TT-62-357

Electrical Strength of Mechanically
Stressed Insulating Materials, by
T. Akahira, A. Gemant.
GERMAN, per, Archiv fuer Elektrotechnik,
Vol XXVII, 1933, pp 577-585.

*AEC

A Procedure for Generating Very-Low
Frequency Sinusoidal Voltages With
Superimposed Direct Component, by
Guenter Pfeifer, Rolf Schoenfeld, 13 pp.
GERMAN, per, Automatisierung, Vol IV,
No 7, 1961, pp 299-303.

JPRS 12863

Operational Behaviour of Capacitive
Voltage Transformers, by Rudolf Zahorka,
15 pp.
GERMAN, per, Elektrotechnische Z.,
Vol LXXXI, No 11, 23 May 1960, pp 381-385.

CSIR 189

Scientific
Electricity (Contd)

Electrical Measurement of Distances,
by H. F. Reimann, 33 pp.

GERMAN, per, Vermessungstechnik,
Vol IX, No 6, 1961, pp 176-186.

JPRS 12920

Lectures and Exhibits Pertaining
to Measuring Techniques at the
Weimar Electrotechnical Conference
in East Germany, by Andras Haas,
10 pp.

HUNGARIAN, per, Meres es Automatika,
Vol IX, No 12, 1961, pp 370, 371.

JPRS 13080

Scientific
Electronics

Safety Measures During the Operation
of Installations With High and
Superhigh-Frequency Generators, by
Viktor Aleksandrovich Krylov,
Agniya Petrovna Solovey.
RUSSIAN, bk, Bezopasnost Truda pri
Rabote na Ustnovkakh s Genevatovami
Energii Vysokikh i Sverkhvysokikh
Chastot, 1961, pp 3-18.

*FTD-TT-62-339

The Biological Action of Ultrahigh
Frequencies, by A. A. Letavet,
M. V. Gordon, 142 pp.
RUSSIAN, bk, O Biologicheskoy
Vozdeystvii Sverkhvysokikh Chastot,
1960, pp 1-134.

JPRS 12471

Principles of Radio Ranging, by
A. G. Saygel.
RUSSIAN, bk, Osnovy Radioal'mometrii,
1960.

*ACSI I-0970
ID 2191523

The Use of Magnetic Recording, by
A. F. Yoffe, 40 pp.
RUSSIAN, bk, Primeneniye Magnitnoy
Zapisi, 1959, Chapters 6, 7,
pp 59-103. 9673560

FTD-TT-61-84

Radio-Relay Communication Lines, by
A. V. Prosin, A. N. Tsvetkov, 91 pp.
RUSSIAN, bk, Radioreleynnye Linii
Svyazi, 1961, pp 1-107.

JPRS 12827

Identifying Free Radicals, by the
Electron Paramagnetic Electron Method,
by L. A. Blumenfel'd, 4 pp.
RUSSIAN, bk, Rol'perekisey i Kisloroda
v Nachal'nykh Stadiakh Radiobiologicheskogo
Effekta, 1960, pp 97, 98.

JPRS 12465

Scientific
Electronics (Contd)

The Study of Free Radicals of Certain Organic Peroxides After Irradiation by the Electron Paramagnetic Method, by A. M. Kuzin, L. P. Kayushin, A. K. Kolomiitsev, K. M. L'vov, 9 pp. RUSSIAN, bk, Rol'perekisey i Kisloroda v Nachal'nykh Stadiakh Radiobiologicheskogo Effekta, 1960, pp 99-104.

JPRS 12465

Special-Purpose Electronic Computer SESM, by Z. L. Rabinovich, Yu. V. Blagoveshchenskiy, et al., 196 pp. RUSSIAN, bk, Spetsializirovannaya Elektronnaya Schetnaya Mashina SESM, 1961, 145 pp. 9664281

FTD-TT-61-100

The Solution of Diagnostic Problems by Electronic Machine, by M. M. Amosov, K. O. Shkabara, 11 pp. RUSSIAN, per, Avtomatyka, No 1, Jan/Feb 1961, pp 47-54.

JPRS 12732

The Dependence of the Ignition Current on the Inductance of the Circuit, Determined by a Statistical Method, by P. F. Kovalev, N. G. Kocherga. RUSSIAN, per, Byul Mak Nauch Issled Inst, No 2, 1956, pp 22-26.

NLL M. 3050

A Two-Channel Set for High-Frequency Communication Using Electric Power Lines, by V. G. Kagan, E. U. Lubman, 6 pp. RUSSIAN, per, Elektricheskiye Stan, No 2, 1960, pp 78-81. 9664294

FTD-TT-61-16

Results and Prospects of Development of Soviet Hydroenergetics, by I. N. Fateyev, 44 pp. RUSSIAN, per, Elektroenergetika, 1960, pp 191-214.

JPRS 13071

Scientific
Electronics (Contd)

The Dynamics of Continuous Optimizing Control Systems in the Presence of Random Scanning Signals, by A. A. Krasovskiy, 15 pp. RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, Energet i Avtomat, No 3, May/Jun 1960, pp 37-45.

JPRS 12969

On the Dependence of the Breakdown Time and the Breakdown Voltage of Dielectrics on Their Thickness, by A. A. Vorob'yev, G. A. Vorob'yev, V. A. Kostrygin. RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, Energet i Avtomat, No 2, 1961, pp 62-64.

*FTD-TT-62-300

Concerning the Problems of Modern Electronics, by V. Andreyanov, 6 pp. RUSSIAN, per, Nauchno-tekh Obshch SSSR, No 11, 1961, pp 40-42.

JPRS 12666

The Compensation of an Ionic Space Charge by Electrons, by V. P. Ignatenko, A. S. Myasnikov. RUSSIAN, per, Radiotekh i Elektron, Vol 6, No 12, 1961, pp 2084-2092.

*FTD-TT-62-317

Influence of a Constant Electric Field on the Initiation of Pulse UHF Discharge in a Gas, by S. M. Levitskiy, V. S. Gvozdetskiy. RUSSIAN, per, Radiotekh i Elektron, Vol VII, No 1, 1962, pp 133-141.

*FTD-TT-62-417

Feedback as a Method of Compensating the Frequency Response of Electromechanical Light Modulators, by Yu. G. Zarenin, 13 pp. RUSSIAN, per, Tekh Kino i Tele, No 6, 1960, pp 38-44. 9664285

FTD-TT-61-290

Scientific
Electronics (Contd)

Observations of Scattering of Radio Waves by Electronic Inhomogeneities in the Solar Corona, by V. V. Vitkevich. RUSSIAN, per, Trudy Pyatogo Soveshchaniya po Voprosam Kosmogonii, 1955, pp 203-233.

CSIRO 3794

What Is the Letter "A"?, by A. Kondratov. RUSSIAN, per, Znaniya-Sila, No 1, 1962, pp 23-26.

JPRS 13068

An Automatic Navigational Radar Transponder, by R. N. Cheryayev, V. P. Yevstigneyev, 4 pp. RUSSIAN, Patent No 135,519, Appl No 647379-26, 15 Dec 1959, 3 pp. 9664302

FTD-TT-61-401

Selected Articles From the Chinese Periodical Tien Hsin K'o Hsueh, No 7, 1959. 9664309

FTD-TT-61-25

A General Discussion of Pulse-Code Modulation, by Tuan-Jang Wang, 16 pp, (pp 1-13).

A General Discussion of Pulse-Code Modulation, by Tuan-Jang Wang, 27 pp, (pp 1-7).

New Automatic Remote-Control System for Unattended Repeater Stations of Long-Distance Trunk Lines, by Ch'en Ho-Ch'iao, Yang T'ung-Chou, 17 pp, (pp 8-13).

Analysis and Testing of Distortion Tolerance in Telegraph Receivers, by Chang Feng-lou, 15 pp, (pp 18-22).

Transistor Application in Communications (I), by Shen Kuang-ming, 19 pp, (pp 52-57).

Electronic Dial Offices Discussion No 3 Main Elements of the Electric Circuit, by Ch'en-hu, Hung Fu-ming, 17 pp, (pp 58-62).

Scientific
Electronics (Contd)

Beat Amplifier, by V. Zima, 17 pp.
CZECH, per, Ceskoslovensky Casopis
pro Fysiku, Vol X, No 5, 1960,
pp 499-510. 9673082

FTD-TT-61-15

The Radical Contradiction of Low-
Pressure Arcs in Mercury Vapor, by
Albert Kloss, 18 pp.
CZECH, per, Elektrotechnicky Obzor,
Vol XLIX, No 7, 1960, pp 367-372.
9675849

FTD-TT-61-92

Piezoelectric Resonators (Vibrators)
for Lowest Frequency, by Jiri Zelenka,
11 pp.
CZECH, per, Slaboproudy Obzor,
Vol XXII, No 2, 1961, pp 66-70.
9664286

FTD-TT-61-286

Czechoslovak Report on Modern Hydrogen
Thyratrons, by Antonin Hix, (DC-6674).
CZECH, per, Slaboproudy Obzor, No 10,
1961, pp 579-587.

*JPRS

Tests of a European Armament Policy
(Electronic Equipment), Part II Beyond
Clausewitz, A New Doctrine of War, by
Combaut, 10 pp.
FRENCH, rpt, Essais sur une Politique
Europeenne d'Armement (Materiels
Electroniques) Fascicule II, au Dela
de Clausewitz, une Nouvelle Doctrine
de la Guerre, 15 pp, 1957.

ACSI I-0893
ID 2191504

Report on the Microwave Symposium in
Budapest, 17 pp.
GERMAN, rpt, Bericht uber das Mikrowellen
Kolloquium in Budapest, 29 pp.

ACSI I-0694
ID 2186161

Technical Development of East German
Radio, by Gerhard Walther, 9 pp.
GERMAN, rpt, Bonner Berichte aus
Mittelund Ostdeutschland, 1961,
pp 104-119.

JPRS 12799

Scientific
Electronics (Contd)

Electromagnetic Waves in Dielectric Wires,
by D. Hondros, P. Debye, 14 pp.
GERMAN, per, Annalen der Physik,
4th Series, Vol XXXII, No 8, 1910,
pp 465-476. 9675862

FTD-TT-61-363

Wave Scattering and Meteoric Influence
on Short Waves and the Neighboring
Ultrashort Waves, by H. Wisbar.
GERMAN, per, Archiv der Elektrischen
Übertragung, Vol X, No 8, 1956,
pp 343-352.

CSIRO

Hydromagnetic Propulsion and Control
Systems for Space Vehicles, by
Gunther Au, 33 pp.
GERMAN, per, Raketentechnik und
Raumfahrtforschung, Vol V, No 3,
1961, pp 90-101. 9675850

FTD-TT-61-163

Possibilities of Increasing the
Reliability of Electronic Equipment
in Missiles, by E. Dombrowski, 14 pp.
GERMAN, per, Raketentechnik und
Raumfahrtforschung, Vol V, No 3,
1961, pp 101-105. 9675850

FTD-TT-61-163

Microwave in Modern Technology, by
H. D. Naumann, 5 pp.
GERMAN, per, Wissen und Leben, No 9,
1961, pp 656-700.

ACSI I-0830
ID 2186184

Theoretical Evaluation of Electrode
Potentials, by Makishima Shoji.
GERMAN, per, Z. fuer Elektrochemie,
Vol XLI, 1955, pp 697-712.

CSIRO

Some Problems Concerning the Reliability
of Telecommunication Equipment, by
Geza Sarkozy.
HUNGARIAN, per, Magyar Híradastechnika,
No 1, 1961, pp 30-35.

*FTD-TT-62-363

Scientific
Electronics (Contd)

The Practical Application of Electronic
Computers in Hungary, by Istvan Acze.
32 pp.
HUNGARIAN, per, Magyar Tudomány, Vol VI,
No 6, 1961, pp 341-352.

JPRS 12376

The Extraction System of Ion Sources
Operated at Radio Frequencies, by Paris.
HUNGARIAN, per, Magyar Tudományos
Akadémiai Központi Fizikai Kutató
Intézetének Közleményei, Vol IX,
No 1/2, 1961, pp 57-62.

*AEC

Electronic States of Transition and
Their Catalytic Actions, by K. Ohki.
JAPANESE, per, Kagaku No Ryōki, Vol VI,
1952, pp 274-280.

CSIRO

Construction of Capacitor Type Light
Sources, by Henryk Wierzba, 18 pp.
POLISH, per, Przegląd Elektrotechniczny,
Vol XXXVI, No 9, 1960, pp 355-359.
9675793

FTD-TT-61-24

At One-Millionth of a mm Hg, by
Vasile Stancu.
RUMANIAN, per, Stiinta se Tehnica, No 3,
1961, pp 20, 21.

*FTD-TT-62-365

Scientific
Engineering

The Comparison of Experimental and Design Data on Leakages Through Labyrinth Seals, by M. E. Deich, G. S. Samoilovich.
RUSSIAN, bk, Aerodynamic Principles of Axial Turbines, 1959, pp 318-325.

NLL M. 3090

Automatic Control-Measuring and Regulating Instruments, by Ivan Vasil'yevich Butusov, 436 pp.
RUSSIAN, bk, Avtomaticheskiye Kontrol'no-Izmeritel'nyye i Reguliruyushchiye Pribory, 1961, pp 1-291.

JPRS 12559

Electroslag Welding, by B. Ye. Patona.
RUSSIAN, bk, Elektroshakovaya Svarka, 2nd edition, 1959, 410 pp.

*FTD-TT-62-251

Physical and Mechanical Properties of Electrolytic Coatings, by A. Vagramyan, Yu. Petrova, 140 pp.
RUSSIAN, bk, Fiziko-Mekhanichkie Sovista Zlektroliticheskikh, 1960.

CB

Instruction No 691-58. Preparation of Glass Textolite of Aircraft Parts by Means of Contact Pressing, by B. P. Terebenin.
RUSSIAN, brochure, Instruktsiya No 691-58. Izgotovleniye Steklotekstolitovykh S-moletnykh Detaley Metodom Kontaktnogo Pressovaniya, Oborongiz, 1958, 41 pp.

*FTD-TT-62-250

The Problem of Selecting a Fermentor Design for the Sub-Surface Cultivation of Molds, by N. M. Sergeyeva.
RUSSIAN, rpt, K Voprosu Vybora Konstruktsii Fermentatora Dlya Glutinnogo Vyrashchivaniya Plesnevykh Gribov, pp 18-23.

*ACSI I-0930
ID 2191514

Scientific
Engineering (Contd)

Quality Control in Field Welding, by
I. Ye. Neyfel'd, A. S. Fal'kevich,
L. S. Livshits,
RUSSIAN, bk, Kontrol' Kachestva Svarki
na Stroitel'stve, Moscow, Gostroyizdat,
1960, pp 57-86, 93-121, 148-161.

*FTD-TT-62-274

Principles of Geodetic Surveying,
by N. G. Viduyev, et al, 30 pp.
RUSSIAN, bk, Osnovy Geodesicheskikh
Razbivochnykh Robe, 1960, pp 336-353,
469-470.

JPRS 13042

Fundamentals of Vacuum Technology, by
Boris Ivanovich Korolyev.
RUSSIAN, bk, Osnovy Vakuumnoy Tekhniki,
Moscow, 1957, pp 251-271.

*FTD-TT-62-346

The Use of Precast Reinforced Concrete
in Hydraulic Structures, by A. A.
Berezinskiy.
RUSSIAN, bk, Primeniye Sbornogo
Zhulezobetona v Gidrotec Khnicheskikh
Sooruzheniyakh, 1959, 430 pp.

*ACSI I-1056
ID 2191531

The Use of Organo-Silicon Compounds for
Hydrophobizing Thermal Insulation
Materials, by I. M. Rubinchik.
RUSSIAN, bk, Proceeding From Conference
in Leningrad, 1958. The Practical
Application of Organosilicon Compounds,
pp 97-101.

NIL M. 3388

Results of Investigation in the Field
of Explosion Safety, by V. S. Kravchenko.
RUSSIAN, bk, Rezultaty Issled v Oblasti
Vzryvobezopasnosti, pp 50-64.

NIL M. 3277

Scientific
Engineering (Contd)

An Experimental Ice House, by
K. F. Voitkovskiy, 18 pp.
RUSSIAN, bk, Sezonnoye Promerzanie
Gruntov i Primeneniye l'da Dlya
Stroitel'nykh Tselei, 1957, pp 88-100.

Amer Meteorol Soc T-R-374

Silicides and Their Uses in Engineering,
by G. V. Samsonov, 270 pp.
RUSSIAN, bk, Silitsidy i Ikh Ispol'zovaniye
v Tekhnike, 1959, 204 pp. 9675769-V

FTD-TT-61-409

Roll-Pass Design and Drawing of Tubes in
Two-, Three-, and Four-Roll Reducing
and Sizing Mills, by G. I. Gulyayev,
V. A. Yurgelanas.
RUSSIAN, bk, Stal' Sbornik Statey,
1961, pp 335-354.

*BISI 2727

Strip Shaping Theory in the Shaping
Stands of Tube Welding Mills, by
Yu. M. Matveyev, E. M. Krichevskiy.
RUSSIAN, bk, Stal' Sbornik Statey,
1961, pp 355-364..

*BISI 2728

Change in Mean Wall Thickness of Tubes
During Continuous Uncorrected Rolling
Without Tension in Mills With Individual
Drives, by G. I. Gulyayev, V. A. Yurgelanas.
RUSSIAN, bk, Stal' Sbornik Statey, 1961,
pp 373-384.

*BISI 2730

Technology of Constructing Parts From
Plastic Materials. RTM-814, by Z. F.
Urazayev, B. M. Baranov, R. I. Neyman.
RUSSIAN, bk, Tekhnologichnost'
Konstruktsii Izdeliy iz Plastmass.
RTM-814, 1957, 100 pp.

*FTD-TT-62-249

Scientific
Engineering (Contd)

Thermodynamic Calculation of Rocket Engines, by D. A. Nikolayev.
RUSSIAN, bk, Terminodinamicheskiy Raschet Raketnykh Dvigatelay, 1960, 149 pp.

*FTD-TT-62-271

Triangulation of the Black and Azov Seas, 1871-1901, by A. Bukhteyev.
RUSSIAN, rpt, Triangulyatsiya Chernogo i Azovskago, Morey 1871-1901, 1907.

ACIC

Works of the Central Scientific Research Institute of Geodesy, Aerial Surveying and Cartography - 1959, by M. D. Konshin, 494 pp.
RUSSIAN, bk, Trudy Tsentral Nauchnoissled Inst Geod Aero i Kartografii, No 129, 1959, pp 3-259.

JPRS 12628

Synthesis of the Self-adjusting System of Automatic Control With Discrete Correcting Device, by A. A. Krasovskiy.
RUSSIAN, bk, V. Sb. Teoriya i Primeneniye Diskretn. Avtomat. Sistem, Moscow, AN SSSR, 1960, pp 101-118.

*FTD-TT-62-319

Influence of Flux on the Formation of a Welded Seam, by V. V. Padgayetskiy.
RUSSIAN, per, Avtomat Svarka, No 2, 1951, pp 26-43.

*BISI 2613

Selected Articles From the Russian Periodical Avtomatyka, No 3, 1961.

JPRS 12485

A Boiler Furnace As An Object of Optimalizing Control, by A. P. Obolonskiy, 13 pp, (pp 56-63.)

Automation of a Speed Measuring System for Hot Rolled Strips by the Correlation Method, by S. F. Kozubov'skiy, 15 pp, (pp 64-73.)

Scientific
Engineering (Contd)

Selected Articles From the Russian
Periodical Avtomatyka, No 3, 1961. (Contd)

JPRS 12485

Plotting Frequency Characteristics
by the Experimental Curve of a
Transitional Process, by I. M.
Pechoryna, 6 pp, (pp 74-78.)

Optimalizing Controller of Blast
Furnace Economy, by B. M. Rakovskiy,
8 pp. (pp 82-87.)

Breaking in of Engines Using Oils With
Sulphur Additives, 6 pp.
RUSSIAN, per, Avtomobil'nyy Transport,
No 6, 1961, pp 29-31.

ACSI I-0849
ID 2186191

Steam-Cured Cellular Concrete on a
Foam Basis, by I. T. Kudryashev.
RUSSIAN, per, Beton i Zhelezobeton,
No 4, 1956, pp 130-132.

CSIRO 3667

Autoclave Treatment in the Manufacture
of Precast Concrete and Reinforced
Concrete Parts, by A. Volzhenskiy,
Yu. Burov.
RUSSIAN, per, Beton i Zhelezobeton,
No 8, 1956, pp 277-280.

CSIRO 3668

Automating the Manufacture of
Insulating Fiberboard, by N. I.
Dolgachev, 7 pp.
RUSSIAN, per, Bumazhnaya Przem,
No 4, 1960, pp 22-24.

JPRS 12372

Mechanization of Astronomical Computa-
tions, by D. K. Kulikov.
RUSSIAN, per, Byul Inst Teoret Astron,
Ak Nauk SSSR, Vol V, No 8 (71), 1953,
pp 512-545.

ACIC

Scientific
Engineering (Contd)

Precision Grinder Model MSh-182,
by L. I. Savinov, 3 pp.
RUSSIAN, per, Lyul Tekh Ekon Infor,
No 7, 1961, pp 40-41. 9673556

FTD-TT-61-376

Problem in Torsion, by D. I. Sherman
RUSSIAN, per, Dok Ak Nauk SSSR,
Vol LXIII, 1948, pp 499-502.

CSIRO

Structural Transformations of Coal
During Thermal Treatment, by V. I.
Kasatochkin.
RUSSIAN, per, Dok Ak Nauk SSSR,
Vol LXXXVIII, No 1, 1953, pp 91-94.

CSIRO

Rotor End-Bells in Aluminium Alloys,
by N. M. Rabinovich.
RUSSIAN, per, Elektricheskiye
Stantsii, No 7, 1959, pp 49-52.

NLL M. 3319

Calculations for Jet Pumps (Ejectors),
by S. A. Antonovich.
RUSSIAN, per, Energomashinostroyeniye,
No 9, 1958, pp 8-13.

*FTD-TT-62-449

An Investigation of Local Heat Transfer
at a Gas-Turbine Blade Profile, by
G. S. Ambrok.
RUSSIAN, per, Energomashinostroyeniye,
No 2, 1960, pp 29-31.

*FTD-TT-62-454

Measures for the Protection of the
Downstream Floor From Erosion, by
K. B. Dadabayev.
RUSSIAN, per, Gidrotekh Stroitel,
Vol XXIV, 1955, pp 40-42.

CSIRO

Scientific
Engineering (Contd)

Study of Thermal Properties of
Ready-Made Clothing on an Instrumented
Model, by P. Ye. Kalmykov, A. I.
Bekatov, 7 pp.
RUSSIAN, per, Gig i San, No 9, 1961,
pp 41-44.

JPRS 12822

Review of Book "Semiconductor
Thermistors," by I. F. Voloshin,
A. S. Kasperovich, A. G. Shashkov,
by E. S. Sotskov, 6 pp.
RUSSIAN, per, Inzhenerno Fiz Zhur,
Vol III, No 1, 1960, pp 124-126.

JPRS 12510

Torsion of a Circular Cylinder
Reinforced With an Elliptical Rod,
by D. I. Sherman.
RUSSIAN, per, Inzhenernyi Sbornik,
Vol XXI, 1955, pp 79-96.

CSIRO

The Best Distribution of Correct-
Reception Regions in Statistical-
Noise-Suppression Coding, by Yu. N.
Mel'nikov, 13 pp.
RUSSIAN, per, Iz Ak Nauk SSSR, Otdel
Tekh Nauk, Energetika i Avto, No 6,
1960, pp 107-112. 9673541

FTD-TT-61-154

The Theory of Optimally Fast Processes
in Second-Order Systems, by A. B. Savvin,
7 pp.
RUSSIAN, per, Iz Ak Nauk SSSR, Otdel
Tekh Nauk, Energetika i Avto, No 6,
1960, pp 162-164. 9673541

FTD-TT-61-154

Scientific
Engineering (Contd)

Selected Articles From the Russian
Periodical Iz Ak Nauk SSSR, Otdel
Tekh Nauk, Mekh i Mash.

FTD-TT-61-136

No 6, 1960. 9673098
Bending of Nonlinearly Elastic
Three-Ply Plates, by S. A.
Ambartsumyan, 9 pp. (pp 86-90.)

The Stressed State in a Cylindrical
Shell With a Reinforced Hole, by
I. M. Pirogov, 5 pp, (pp 166-168.)

Comments on the Creep of Steel EI 257
Under a Complex Stressed State, by
V. S. Namestnikov, 3 pp, (pp 137, 138.)

No 1, 1961, pp 153, 154.
Method of Determining the
Thermophysical Characteristics of
Insulating Materials Using the Thermal
Impulse from Shock Waves as a Source
of Heat, by Yu. A. Dem'yanov, N. V.
Chereshneva.

*FTD-TT-62-332

Selected Articles from the Russian
Periodical Iz Ak Nauk SSSR, Ser
Geograf i Geofiz.

ACIC

Vol IV, No 1, 1960.
General Principles of Geophysical
Cartography, by P. P. Lazarev, (pp 3-16.)

Application of Aerial Photo Surveying to
Hydrographic Operations in the Soviet
Union, by A. V. Gaveman, (pp 133-152.)

Scientific
Engineering (Contd)

Selected Articles From the Russian
Periodical Iz Ak Nauk SSSR, Ser
Geograf i Geofiz. (Contd)

ACIC

Vol V, No 3, 1941, pp 229-254.
Contemporary Problems and the
Development of Arc Measurements,
by F. N. Krasovskiy.

Vol IX, No 5/6, 1945.
Solution of the Direct and Inverse
Gravitational Potential Problem for
the Paraboloid of Rotation and
the Infinite Parabolic Cylinder,
by L. Gavrilov, (pp 521-528.)

ACIC

The Compensation of the Influence
of the Vertical Oscillation of a
Ship on the Mean Period of a
Gravimetric Pendulum, by V. A. Kazinskiy,
(pp 543-546.)

Generalized Thermodynamic Singularities of
Two-Circuit Ram-Jet Engines, by A. L. Klyachkin.
RUSSIAN, per, Iz Vysshikh Ucheb Zaved,
Aviat Tekh. No 4, 1961, pp 94-103.

*FTD-TT-62-446

Increasing the Accuracy of Stabilization
Systems, by K. B. Alekseyev, V. V.
Voskresenskiy, 18 pp.
RUSSIAN, per, Iz Vysshikh Ucheb Zaved,
Elektromekh. No 9, 1960, pp 62-72. 9664195

FTD-MCL-1356/1

Determining the Shape of the Regularized
Geoid, by I. F. Monin, 9 pp.
RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Geodez
i Aerofotos, No 5, 1960, pp 73-78. 9664208

FTD-TT-61-289

Scientific
Engineering (Contd)

An Approach to Deriving a Formula
for Determining the Coefficient of
Heat Transfer From a Gas to a Wall
Based on the Kinetic Theory of Matter,
by N. B. Kadirov, 11 pp.
RUSSIAN, per, Iz Vysshikh Ucheb
Zaved, Neft i Gaz, No 11, 1960,
pp 95-100. 9664202

FTD-TT-61-194

Approximation Method for Calculating
Pneumatic Mechanisms With Unilateral
Effect, by I. M. Plekhov, N. A. Kozulin.
RUSSIAN, per, Iz Vysshikh Ucheb Zaved,
Priborostroyeniye, Vol IV, No 2, 1961,
pp 52-57.

*FTD-TT-62-325

Potentiometer-type Tracking System With
Dynamic Error Compensation, by A. A.
Vavilov, A. A. Bezikonnyy, E. V. Sergeyev.
RUSSIAN, per, Iz Vysshikh Ucheb Zaved,
Priborostroyeniye, Vol IV, No 2, 1961,
pp 58-66.

*FTD-TT-62-325

Some Problems on the Theory of
Hydrostatic Radial Bearings, by N. P.
Chernousov.
RUSSIAN, per, Khim Mash, No 6, 1961,
pp 17-22.

*FTD-TT-62-335

Modern Methods of Producing Heavy
Water, by Ya. M. Varshavskiy, S. E.
Vaysberg, 35 pp.
RUSSIAN, per, Khim Nauka i Prom, No 4,
1959, pp 498-509.

JPRS 12674

Scientific
Engineering (Contd)

Selected Articles From the Russian
Periodical Kuznechno-Shtampovochnoye
Proiz.

- No 1, 1961, pp 9-11.
Automatic Lines for the Manufacture
of Bolts and Screws, by A. N.
Gladkikh, N. I. Maslennikov, P. P.
Farafonov. BISI 2612
- Vol III, Mar 1961.
Some Problems of the Vibration
Deformation of Metals With
Restriction of Spread, by M. Ya.
Karnov, (pp 16-18.) BISI 2528
- A More Accurate Method of
Determining the Upsetting Force
for Forging Ingots, by E. N. Moshnin,
N. M. Zolotukhin, (pp 18, 19.) BISI 2529
- The Forging and Pressing of Cast Iron,
by S. O. Klychnikov, (pp 19-23.) BISI 2530
- The Present and the Future of Accelera-
tion Technology, by M. S. Rabinovich.
RUSSIAN, per, Nauka i Zhizn', No 5, 1960,
pp 17-23. *FTD-TT-62-385
- Zirconium Junctions for Thermocouples
Used for Measuring Molten Steel
Temperatures, by P. Ya. Sorokin.
RUSSIAN, per, Ogneupory, No 11, 1959,
pp 517-522. BISI 2611
- High-Temperature Solar Furnace, by
M. G. Manvelyan, A. F. Melik-Akhazarov,
et al, 6 pp.
RUSSIAN, per, Ogneupory, No 10, 1961,
pp 465-469. JPRS 13053

Scientific
Engineering (Contd)

One Hundred Million Operations Per Second, by Dmitriy Zhukov, 6 pp.
RUSSIAN, per, Ogonek, No 49, Dec 1961, pp 12, 13.

JPRS 12560

Detachable Coupling Device for Septate Waveguides, by A. I. Zykov, I. N. Dudkina.
RUSSIAN, per, Pribery i Tekh Eksper, No 2, 1961, pp 181-.

*FTD-TT-62-318

Concerning One Case of the Movement of a Kelvin Free Wave, by V. V. Musatov, 3 pp.
RUSSIAN, per, Prik Matemat i Mekh, Vol XXI, 1957, pp 347-352.

NIOT/57

About the Possibility of Creating Temperature Stresses in the Deformed Body by the Mechanical Method, by G. M. Savin, et al.
RUSSIAN, per, Prik Mekh, Vol VI, No 4, 1960, pp 445-448.

NLL RTS 1894

On Determining the Function of Energy Distribution in an Oscillatory System With Many Degrees of Freedom, by P. M. Senyk.
RUSSIAN, per, Prik Mekh, Vol VII, No 3, 1961, pp 253-257.

*FTD-TT-62-382

Selected Articles From the Russian Periodical Problemy Peredachi Informatsii, No 8, 1961.

*JPRS

Principles of Designing a Contactless Machine for the Synthesis of Switching Circuits, by V. G. Lazarev, (DC-6670) (pp 5-19).

Scientific
Engineering (Contd)

Selected Articles from the Russian
Periodical Problemy Peredachi
Informatsii, No 8, 1961. (Contd)

*JPRS

Contact Complexity of Boolean
Functions, by A. A. Arkhangel'skaya
(DC-6670) (pp 20-44).

Evaluation of the Complexity of a
Switching Circuit, by Cheng Tsun-
liang, (DC-6670) (pp 45-66).

Switching Circuits With Parametric
Functions and Many-valued Logic, by
T. L. Maistrova, V. N. Roginskiy
(DC-6670) (pp 121-131.)

Cybernetics in Military Matters, by
N. Alpatov, (NY-7000).
RUSSIAN, per, Radio, No 2, 1962, pp 3-5.

*JPRS

Soviet Abstracts Journal Electrical
and Power Engineering, 84 pp.
RUSSIAN, per, Referativnyy Zhur,
Elektrotekh i Energet, No 1/8,
10, 11, 1961.

JPRS 12968

Soviet Abstracts Journal, Machine
Building, 77 pp.
RUSSIAN, per, Referativnyy Zhur,
Mash, No 5/6, 1961.

JPRS 12381

Soviet Abstracts Journal, Machine
Building, 70 pp.
RUSSIAN, per, Referativnyy Zhur,
Mash, No 7/9, 1961.

JPRS 12795

Soviet Abstracts Journal, Machine
Building, 71 pp.
RUSSIAN, per, Referativnyy Zhurnal,
Mash, No 10/13, 1961.

JPRS 12882

Scientific
Engineering (Contd)

Soviet Abstracts Journal, Mechanics,
34 pp.
RUSSIAN, per, Referativnyy Zhur, Mekh,
No 6/10, 1961.

JPRS 12734

Soviet Abstracts Journal, Transportation,
11 pp.
RUSSIAN, per, Referativnyy Zhur,
Transport, No 1, 3, 4, 6, 7, 8, 10,
1961.

JPRS 12671

Standard Reliability Coefficient of
Electronic Products, by P. M. Rabinovich,
5 pp.
RUSSIAN, per, Standartizatsiya, No 6,
1960, pp 11-13. 9673091

FTD-TT-61-139

Relative Velocities of a Steam-
Water Flow in Vertical Unheated
Pipes, by S. Kosterin, N. I.
Semenov, A. A. Tochigin.
RUSSIAN, per, Teploenergetika,
Vol VIII, No 1, 1961, pp 58-65.

*AEC

Gas Producer VT 1 for Gas-Turbine
Installations, by K. I. Kolodtsev,
et al.
RUSSIAN, per, Teploenergetika,
Vol VIII, No 4, 1961, pp 44-48.

*Dept of Interior

Multiple Pulley for Putting Tension
on Measuring Wires Used in the
Measurement of the Length of the Sides
of a Polygonometric Traverse, by
L. A. Bashlavin.
RUSSIAN, per, Trudy Moskov Inst
Inzhenerov Geodezii, Aerofotos'yemki,
i Kartografii, Vol XXVII, 1957,
pp 45-51.

ACIC

Scientific
Engineering (Contd)

The Determination of the Geographical Latitude of the Dome of the Migaik Astronomical Observatory by the Methods of Pevtsov and Talcott, by M. N. Severov. RUSSIAN, per, Trudy Moskov Inst Inzhenerov Geodezii, Aerofotos'yemki, i Kartografii, Vol XXVII, 1957, pp 65-78.

ACIC

Zenith and Azimuth Methods for Time and Latitude Determination, by A. N. Kuznetsov. RUSSIAN, per, Trudy Moskov Inst Inzhenerov Geodezii, Aerofotos'yemki, i Kartografii, Vol XXVII, 1957, pp 91-93.

ACIC

Work of the Topographic-Geodetic Party of the Kulundinskaya Expedition of 1931, by N. A. Blinov. RUSSIAN, per, Trudy Soveta po Izucheniyu Prirodnikh Resursov, Ser Sibirskaya, Ak Nauk SSSR, Vol VIII, 1934, pp 59-114.

ACIC

Conversion Problems Conference of the State Committee of the Council of Ministers USSR for Automation and Machine-Building, by Ya. Sh., 8 pp. RUSSIAN, per, Tsvetnyye Metally, Vol XXXIV, No 6, 1961, pp 81-84.

JPRS 13103

Mechanized Withdrawal of Breaker Props With Lowering of the Roof, by A. D. Greshishkin. RUSSIAN, per, Ugol Ukrainy, Vol IV, No 5, 1960, pp 28, 29.

NLL M. 3290

Comparative Effectiveness of Panel and Horizon Development Methods, by S. M. Garkavi, P. Z. Zvyagin. RUSSIAN, per, Ugol' Ukrainy, Vol IV, No 5, 1961, pp 41, 42.

NLL M. 3287

Scientific
Engineering (Contd)

Direct Conversion of Thermal Power to
Electrical Power, by N. D. Morgulis,
11 pp.
RUSSIAN, per, Vest Ak Nauk SSSR, No 9,
1961, pp 25-31. 9673551

FTD-TT-61-226

Field Investigations of Solar Energy
Converters, by A. G. Iosif'yan,
A. S. Fialkov, 14 pp.
RUSSIAN, per, Vest Elektro Prom, No 7,
1960, pp 38-43. 9673550

FTD-TT-61-56

Characteristics of Wires With Oxide
Insulation Used for Windings, by
A. I. Biryukova, T. M. Orlovich,
S. S. Solomonik, 16 pp.
RUSSIAN, per, Vest Elektro Prom, No 1,
1961, pp 25-31. 9673545

FTD-TT-61-126

One of the Reasons for "Spontaneous"
Failure of Bolts, by O. L. Bendryshev.
RUSSIAN, per, Vest Mash, No 15, 1950,
pp 17-18.

BISI 2430

On the Dynamics of the Camping
Gyroscope, by Yan-chu Liu.
RUSSIAN, per, Vest Moskov Univer, Ser
I; Matemat, Mekh, No 4, 1961, pp 48-57.

*FTD-TT-62-434

Conditions of Evolution of
Magnetohydrodynamic Flow, by R. V.
Polovin.
RUSSIAN, per, Zhur Prik Mekh i Tekh
Fiz, No 6, Nov/Dec 1961, pp 3-7.

*FTD-TT-62-338

A Cold Rolling Mill for Pipes With a
Double-Row Separator and With a
Turnover Mechanism, by V. L. Kolmogorov,
G. P. Moiseyev, et al.
RUSSIAN, Patent No 129,613, Sep 1959.

*FTD-TT-62-442

Scientific
Engineering (Contd)

A Device for Obtaining the Quotient
From the Division of Two Pulses, by
R. G. Karpov, 3 pp.
RUSSIAN, patent, No 130,688, 13 May 1959,
3 pp. 9675857

FTD-TT-61-460

A Method of Manufacturing Polarized
Interference Filters, by S. B. Ioffe,
N. M. Drichko.
RUSSIAN, Patent No 135,258, 16 Apr 1960,

*FTD-TT-62-287

A Signalizer of Flame Failure in the
Combustion Chamber of a Turbojet Engine,
by Yu. A. Gogin.
RUSSIAN, Patent No 135,309, 14 Mar 1960,

*FTD-TT-62-288

A Unit for Testing the Hydraulic
Parameters of the Nozzles of Liquid
Fuel Rocket Engines, by G. A. Kucherevskiy,
S. A. Tsvetkov, et al.
RUSSIAN, Patent No 135,696, 30 May 1960.

*FTD-TT-62-289

Method of Obtaining Soldered Joints
Between the IKhlENOT Steel Grade and
Ceramics, by R. M. Manelis.
RUSSIAN, Patent No 135,741, 14 Jun 1960.

*FTD-TT-62-294

Mass Flowmeter for Measuring Compressed
Gas Expenditure, by G. P. Katys, V. M.
Il'inskiy,
RUSSIAN, Patent, No 136,917, 11 Aug 1960.

*FTD-TT-62-290

Device for Generating Transient Electron
Packets, by M. I. Yelinson, V. A. Gor'kov.
RUSSIAN, Patent No 137,545, 16 Jan 1958.

*FTD-TT-62-291

Helical Band Heat Exchanger, by
N. V. Zhutautas.
RUSSIAN, Patent No 138,259, 27 May 1960.

*FTD-TT-62-292

Scientific
Engineering (Contd)

Method of Receiving or Generating
Gravitational Waves, by V. A. Bunin,
R. I. Raykhlin.
RUSSIAN, Patent No 138,279..

*FTD-TT-62-367

Method of Obtaining Akrylonitryl
Copolymers, by G. I. Kudryavtsev,
V. S. Klemenkov, et al.
RUSSIAN, Patent No 138,373, 11 Jul 1960.

*FTD-TT-62-293

A Multibeam High-Vacuum Gas-Discharge
Pump, by E. M. Reykhrudel', G. V.
Smirnitskaya.
RUSSIAN, Patent No 139, 375
(692175/25 of January 10, 1961).

*FTD-TT-62-370

An Ultrasonic Flaw Detector, by
V. M. Zabolotskiy, B. A. Kalugin.
RUSSIAN, Patent No 139,470.

*FTD-TT-62-368

Gas Discharge Power Tube, by I. S.
Marshak, V. I. Vasil'yev, A. L.
Vasserman.
RUSSIAN, Patent No 141,219.

*FTD-TT-62-295

Designation of Surface Finish and
Marking to Define Finishing Operations
and Heat Treatment.
RUSSIAN, GOST 2940-52 (Replaces GOST
2940-45).

NLL M. 3317

Formats.
RUSSIAN, GOST 3450-59 (Replaces GOST
3450-52).

NLL M. 3302

Scales.
RUSSIAN, GOST 3451-59 (Replaces GOST
3451-52).

NLL M. 3303

Letter Designations.
RUSSIAN, GOST 3452-59 (Replaces GOST
3452-52).

NLL M. 3304

Scientific
Engineering (Contd)

Views and Sections.

RUSSIAN, GOST 3453-59 (Replaces
GOST 3453-52).

NLL M. 3305

Lettering.

RUSSIAN, GOST 3454-59. (Replaces
GOST 3454-52).

NLL M. 3306

Hatching of Sections

RUSSIAN, GOST 3455-59 (Replaces
GOST 3455-52).

NLL M. 3307

Lines.

RUSSIAN, GOST 3456-59 (Replaces
GOST 3456-52).

NLL M. 3308

Indication of Tolerances on
Drawings.

RUSSIAN, GOST 3457-46 (Replaces
GOST 7539-39).

NLL M. 3310

Drawing of Dimensions.

RUSSIAN, GOST 3458-59.

NLL M. 3311

Drawings of Threads.

RUSSIAN, GOST 3459-59 (Replaces
GOST 3459-52).

NLL M. 3312

Conventional Drawing of Gear and
Chain Transmissions.

RUSSIAN, GOST 3460-59 (Replaces
GOST 3460-52).

NLL M. 3313

Conventional Designations of Springs.

RUSSIAN, GOST 3461-59 (Replaces
GOST 3461-52).

NLL M. 3314

Conventional Designations of
Kinematic Diagrams.

RUSSIAN, GOST 3462-59 (Replaces GOST
3463-46).

NLL M. 3315

Scientific
Engineering (Contd)

Conventional Designations of Rivets
Bolt and Their Holes.
RUSSIAN, GOST 3465-52 (Replaces
GOST 3465-46).

NLL M. 3316

Indication of Dimension Tolerances.
RUSSIAN, GOST 9171-59 (Replaces
GOST 3457-46).

NLL M. 3309

Scientific
Engineering (Contd)

Adaptation of the Swept Wing in Subsonic Condition; Calculated by the Rheoelectric Relation, by L. Malavard, M. Enselme.

FRENCH, brochure, Direction de Physique Generale, N. T. 24/1101 AP, 14 May 1957, 34 pp.

*FTD-TT-62-265

Determination of the Compression Strength of Mortars and Concretes. Determination of the Granulation of a Sand With Maximum Density, by J. Bolomey.

FRENCH, per, Bulletin Technique de la Suisse Romande, pp 209-313.

CSIRO

Pre-Stressed Rolling Mill Stands, by K. Neumann.

FRENCH, per, Centre Documentation Siderurgique Circulaire d'Informations Techniques, No 3, 1961, pp 723-735.

BISI 2507

Contribution to the Study of Running Systems in Sand Moulding, by M. Jeancolas, G. Cohen de Lara, H. Hanf.

FRENCH, per, Fonderie, Nov 1961, pp 385-396.

*BISI 2666

French Cellular Concretes, by J. P. Levy.

FRENCH, per, Revue des Matériaux de Construction, No 435, 1951, pp 369-372.

SIRO 3330

Application of the "Total Replica" Technique to Detection of Defects on the Inner Surface of Tubes, by L. Alfille, M. Azam, M. Pignon, 22 pp.

FRENCH, per, Revue de Metallurgie, Vol LVIII, May 1961, pp 429-436.

AEC HW Tr-27

Principal Uses of Blast Furnace Ladle, by G. Delbart.

FRENCH, per, Revue de Metallurgie, Vol LVIII, Sep 1961, pp 723-734.

*BISI 2615

Scientific
Engineering (Contd)

Pneumatic Tubes in Steelworks, by
J. Gouyou-Beauchamps.
FRENCH, per, Revue de Metallurgie,
Vol LVIII, Oct 1961, pp 849-856.

*BISI 2653

Improvements in the Continuous Electro-
magnetic Detection of Surface Splinters
of Hot-Rolled Square Billets of Mild Basic
Converter Rimming Steel, by L. Beaujard,
J. Mondot, C. Darsch.
FRENCH, per, Revue de Metallurgie Memoires
Scientifiques, Vol LVIII, May 1961,
pp 343-349.

BISI 2603

Study of the Mechanical Strength of
Sinters, by I. Harveng, H. Landgraf.
FRENCH, per, Rev Periodiques Techniques,
Dec 1961, pp 745-753.

BISI 2650

Improvement of Firearms or Other
Weapons, 11 pp.
FRENCH, Patent No 801,987.

ACSI I-0295-A
ID 2180090

Method of Mounting Ceiling Panels, by
H. Martin, R. Coutelen, 4 pp.
FRENCH, Patent No 987,118.

Dept of Commerce
Patent Office
Sci Library

Process and Device for Erecting
Buildings, by Erik Johan von Heidenstam,
24 pp.
FRENCH, Patent No 1,108,787

Dept of Commerce
Patent Office
Sci Library

Process of Erecting Buildings and Ap-
paratus Therefore, by Dikran Khoubesserian,
14 pp.
FRENCH, Patent No 1,109,975

Dept of Commerce
Patent Office
Sci Lib

Manufacturing Process of a Porous Sub-
stance for the Separation of Isotopes,
9 pp.
FRENCH, Patent No 1,198,235,
4 Dec 1959.

AEC Tr-4824

Scientific
Engineering (Contd)

Selected German Papers Presented
at the Conference on Heavy Forging,
Terni, Sep 1961.

Materials for Forging Tools, by
E. Heinrich.

BISI 2490

The Use of Forgings for Steam
Turbines and Generators, and a
Review of Results of Testing, by
R. Schinn.

BISI 2509

Design-Machining and Testing of
Large Steel Shafts for Water Driven
Generators, by H. Staudinger.

BISI 2510

The Effect of Aluminium Content
and of Working Conditions on the
Hot-Working Properties of Heavy
Forging, by P. Opel.

BISI 2511

Installations for the Measurement,
Regulation and Control of Total Blast
Flow and Equalization of Blast at the
Tuyeres of Blast Furnaces, by
H. Lorch.

GERMAN, rpt, Conti Elektro Berichte,
Vol VII, Jan/Mar 1961, pp 23-33.

BISI 2450

Design Details of a New Plate Mill,
by K. Loeck.

GERMAN, rpt, Huttenwerk Oberhausen,
Tech Ber, 1955-1958, paper 29.

BISI 2546

Impact Testing of Materials, by
W. Spath, 213 pp.

GERMAN, bk, Der Schlagerversuch in
der Werkstoffprüfung.

Gordon & Breach

Scientific
Engineering (Contd)

Selected Articles From the German
Periodical Archiv Fuer Eisenhuttenwesen.

Vol IX, 1936, pp 397-404. Seizing of Screw Connections at High Temperatures, by H. Vollbrecht.	CSIRO
Vol X, Oct 1936, pp 155-160. The Application of Polarized Light in Studying the Structure of Iron and Steel, by P. Schafmeister, G. Moll.	BISI 2566
Vol XXXI, No 12, 1960, pp 691-702. Kinetics of Indirect Reduction, by H. Schenck, H. Schulz.	*BISI 2635
Vol XXXII, Jun 1961, pp 361-368. Convected Heat Transfer to Checker Brickwork in the Light of the Theory of Similarity, by R. Jeschar, C. O. Fels Leusden.	BISI 2447
Kahl Experimental Atomic Power Sta- tion: Materials, by E. Zastrow. GERMAN, per, <u>Die Atomwirtschaft</u> , Vol VI, Jan 1961, pp 66-72.	BISI 2534
An Industrial Program Control System Based on the Relay Drum Principle, by Eberhard Oberst, 11 pp. GERMAN, per, <u>Automatisierung</u> , Vol IV, No 7, 1961, pp 273-276.	JPRS 12515
Temperature Rise Measurement on Weather- and Explosion Proof Electri- cal Products by Means of Thermo- Elements, by R. Sack, S. Weigold, 11 pp. GERMAN, per, <u>Automatisierung</u> , Vol IV, No 7, 1961, pp 281-286.	JPRS 12486

Scientific
Engineering (Contd)

Behavior of the "Discharge Nozzle -
Intake Nozzle" System, Part I, by
H. Toepfer, G. Koenig, 32 pp.
GERMAN, per, Automatisierung, Vol IV,
No 7, 1961, pp 305-310.

JPRS 12992

The Problem of Roadability and Spring
Suspension of Semi-Trailer Truck
Tractors, by J. Meyer, 5 pp.
GERMAN, per, Automobil Tech Zeitschrift
(ATZ), No 10, 1959, pp 310-311.

ACSI I-0848
ID 2186190

Tube Manufacture on Induction Welding
Unit and Stretch-Reducing Mill, by
H. Stein.
GERMAN, per, Bander, Bleche, Rohre,
Oct 1961, pp 492-494.

BISI 2621

Selected Articles From the German
Periodical Berg- und Huttenmannische
Monatshefte, No 9, 1961.

Experience With the 120-Ton Arc
Furnaces of the Huttenwerk Rhein-
hausen Plant, by K. Pungartnik,
(pp 268-299).

*BISI 2624

Arc Furnaces - Lining Problems as
Seen by the Brick Maker, by
F. Honig, (pp 307-310).

*BISI 2625

Lining Problems in Arc Furnaces,
by K. Leitner, (pp 311-315).

*BISI 2626

Lining Problems in Arc Furnaces,
by A. Schotterl, (pp 315-317).

*BISI 2627

Lining Problems in Arc Furnaces,
by F. Schmidt, (pp 318-322).

*BISI 2628

Lining Problems in Arc Furnaces,
by W. Schlager, (pp 322-327).

*BISI 2629

The Use of Oxygen in the Arc Fur-
nace, by M. Potz, (pp 336-341).

*BISI 2630

Scientific
Engineering (Contd)

The Proportion of Steel Scrap in the Charge When Melting Cast Iron in a Cupola Furnace, by H. Siepmann, H. Pacyna, H. W. Hauptvogel. GERMAN, per, Biesserei, Vol XLVII, 3 Nov 1960, pp 608-614.

BISI 2416

Electronic Roll Adjustment for Heavy Plate Mills, by J. Ullmann. GERMAN, per, Blech, Vol VIII, Jan 1961, pp 6-8.

BISI 2544

Thick Sheet Rolling Mills, Their Design and Construction, by H. Hover. GERMAN, per, Blech, Vol VIII, Mar 1961, pp 179-183.

BISI 2545

Damage to Bolts at High Temperatures, by E. Stange. GERMAN, per, Elektrizitätswirtschaft, Vol LIV, 20 Nov 1955, pp 779-784.

BISI 2548

Control and Regulation of Modern Blooming Trains, by K. Giesdorf. GERMAN, per, Elektrotechnische Z., Vol LXXXI, No 20/21, 1960, pp 722-729.

BISI 2361

Basis for Design and Calculation of the Output of Drifting Roads, by A. Ohnesorge. GERMAN, per, Explosivstoffe, No 3, 1957, pp 46-52.

CSIRO

Basis for Design and Calculation of the Output of Drifting Roads, by A. Ohnesorge. GERMAN, per, Explosivstoffe, No 6, 1957, pp 114-120.

CSIRO

Basis for Design and Calculation of the Output of Drifting Roads, by A. Ohnesorge. GERMAN, per, Explosivstoffe, No 7, 1957, pp 148-156.

CSIRO

Scientific
Engineering (Contd)

High-Vacuum Coater in HBA 2: A New Device for Preparation in Electronic Microscopy, by H. Zapfe, 4 pp.
GERMAN, per, Feingeractetechnik, Vol X, No 4, 1961, pp 188-191.

JPRS 12473

A Hollow Shaft as a Conveyor for Loose Granular Material, by R. Jung.
GERMAN, per, Forschung auf dem Gebiete des Ingenieurwesens, Vol XXV, No 2, 23 Nov 1959, pp 37-43.

BISI 2558

Investigation of the Influence of Friction on the Preload Tension and Starting Moment of Screw Joints, by R. Kellerman, H. C. Klein.
GERMAN, per, Konstruktion, No 2, 1955.

BISI 2420

Non-Destructive Testing of Tubes, Limitations of the Methods and Interpretation of Test Results, by H. Krachter.
GERMAN, per, Materialprufung, Vol II, Jul 1960, pp 253-257.

*BISI 2619

A New Machine for Torsion Impace Strength of Tool Steel in Dependence on the Tempering Temperature, by J. Salokangas.
GERMAN, per, Materialprufung, No 12, 1961, pp 437-440.

*BISI 2664

Selected Articles From the German Periodical Neue Hutte.

Vol V, Dec 1960, pp 720-729.
Automation of a 1,120 mm Blooming Mill Including the Soaking Pit Installation Using Punch-Cards, by H. Kruger.

*BISI 2669

No 2, 1961.
The Use of Slit Strip in Killed and Rimming Steels for the Manufacture of Longitudinal Seam Welded Tubing, by K. Edelmann, (pp 81-87).

*BISI 2670

Scientific
Engineering (Contd)

Selected Articles From the German
Periodical Neue Hutte. (Contd)

- No 2, 1961.
Studies of a Cold Pilger Tube Rolling Mill, by W. Jakel, H. Neumann, W. Hofmann, (pp 87-91). *BISI 2671
- Vol VI, No 3, 1961, pp 157-166.
Measurement of Electromotive Forces Between Slag and Steel Bath and Its Application to the OH Process Control, by K. L. Kiesel. *BISI 2616
- Vol VI, No 6, 1961, pp 349-358.
Experience in the Acceptance Testing of Crankshafts, by H. Schumann. BISI 2479
- Vol VI, No 8, 1961, pp 516-524.
Measurement and Control of the Temperature of Heat-Treating Furnaces, by M. Riehle. BISI 2607
- Vol VI, No 9, 1961, pp 562-572.
Electro-Slag Remelting: A New Method for the Production of High Quality Steel Ingots, by W. Richling. *BISI 2608
- Precision Forging of Turbine Blades, by H. Tarmann.
GERMAN, per, Radex Rundschau, Aug 1961, p 664. BISI 2659
- Modern Shaft Limekiln, by K. Laermann.
GERMAN, per, Silikat Technik, Vol VII, No 7, 1956, pp 291-293. CSIRO

Scientific
Engineering (Contd)

Selected Articles From the German
Periodical Stahl und Eisen.

- Vol LXXV, 2 Jun 1955, pp 682-690. BISI 1874
Experiments on the Reduction of
Iron Ore, by H. Schenck.
- Vol LXXVII, 28 Nov 1957, pp 1740-1747. BISI 1595
Internal Stresses in Hot-Rolling
Rolls Induced by Service-Stress, by
H. Buhler.
- Vol LXXXI, 5 Jan 1961, pp 1-12. BISI 2184
Burden Preparation and Its Effect
on Blast Furnace Operation, by
G. Heynert, P. Ischebeck, W. von Spee.
- Vol LXXXI, No 16, 3 Aug 1961. *BISI 2636
Increasing the Production of Open
Hearth Furnaces by Investigating
the Conditions of Flow, by
H. J. Darmann, et al, (p 1057).
- Bloomery Hearths of the Ancient
Settlement of Roman Age in the
Ahrweiler Forest, Report on the
Archaeological Diggings 1959/1960,
by J. W. Gilles, (pp 1069-1072). *BISI 2638
- Vol LXXXI, No 17, 17 Aug 1961, p 1101. *BISI 2641
Investigation on the Flow of Gases
Through the Charge in the Upper Part
of the Blast Furnace Stack, by
E. Poetz, Winzer.
- Vol LXXXI, 14 Sep 1961. *BISI 2639
Development, Production and Properties
of Wear Resisting Rails of Natural
Hardness, by W. Janiche, H. von Hye,
(p 1253).
- Heating Up Basic Converters After
Relining and Replacing the Converter
Bottom, Using the Bottom Burner
Method, by A. Latour, L. Heinen, (p 1270). *BISI 2640

Scientific
Engineering (Contd)

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

- Vol LXXXI, 28 Sep 1961, pp 1313-1321. BISI 2574
The Effect of Alloying Additions on
the Properties of Hot-Dip Zinc Coatings,
by W. Radeker, F. K. Peters, W. Friehe.
- Vol LXXXI, 12 Oct 1961, pp 1410-1415. BISI 2570
Examples of Quality Control and Opera-
tive Production Control in a Steelworks,
by G. Borchert.
- 26 Oct 1961, pp 1472-1473. *BISI 2647
Present Position of Lining Practice
on Large Capacity Arc Furnaces in
America, by O. Porkert.
- Vol LXXXI, 9 Nov 1961, pp 1497-1502. BISI 2554
The Use of Tar-Bonded Mixture for
Taphold Stopping and of the Remote
Controlled Taphole Drilling Machine
in Blast Furnace Operation, by W.
Horn.
- Vol LXXXI, 23 Nov 1961. *BISI 2680
The Equipment of a New Coke-Oven
Plant With Installations for Measur-
ing, Regulating and Data Processing,
by H. F. Strahuber, (pp 1574-1581).
- The Final Contents of Steel Bath and
Slag in the Basic Converter With
Different Fusion of the Secondary
Slag, by E. Schurmann, H. P. Haastert,
H. Hofges, E. Kohler, (pp 1581-1592). *BISI 2681
- Analysis of the Results of Operation
of a Cold-Rolling Tandem Mill by
Increasing the Performance of Its
Electric Equipment, by W. Nurnberg,
(pp 1618-1632). *BISI 2582

Scientific
Engineering (Contd)

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

Vol LXXXI, 23 Nov 1961.
Operating Experience With Gorman
Blast Furnace Gas Fired Gas Turbine,
by H. Mohring, H. Heilig, (pp 1691-1693). *BISI 2648

Vol LXXXI, 21 Dec 1961.
Contribution to the Kinetics of the
Converter Processes, Part I, by
H. Knuppel, T. Kootz, F. Oeters,
(pp 1804-1809). *BISI 2620

The Oxygen Top-Blown Converter, by
Theo Kootz, H. Neuhaus Kootz, Part II,
(pp 1810-1815). *HB 5468

Gas Turbines or Synchronous Motors
for Production of Blast in Iron
and Steel Works, by W. Wittwer,
(pp 1816-1820). *BISI 2649

Vol LXXXII, No 1, 1962, pp 1-17.
Comparative Evaluation of Hydrogen
Carriers Injected Into the Blast
Furnace Hearth I and II, by
L. von Bogdandy, W. Schaefers. *HB 5466

Iron Ore Reduction Tests in a Rotary
Kiln, by F. Lucke, H. Serbent,
G. Meyer.
GERMAN, per, Technische Mitteilungen
Krupp, Dec 1961, pp 189-195. *BISI 2689

Heat Transfer and Drop in Pressure in
Rough Pipes, by W. Nunner.
GERMAN, per, Verein Deutscher Ingenieure
Forschungsheft, Parts 2/7 Only,
Vol XXII, 1956, pp 1-35. *BISI 2614

Scientific
Engineering (Contd)

The Development of the Electron Ultra-
microscope With Electrostatic Lenses,
by E. Bruche, 33 pp.
GERMAN, per, Verein Deutscher Ingenieure
Z., Vol LXXXV, No 10, 1941, pp 221-228.
9095575

AEC SCL-T-384

Converters, by H. Kronmuller.
GERMAN, per, Vereines Deutsche Ingenieure
Z., Vol XXIX, 11 Oct 1961, pp 1429-1433.

*BISI 2678

Platal Is Produced in New Works.
GERMAN, per, Wehr und Wirtschaft, No 9,
1961, pp 347-351.

BISI 2586

The Economy of the Spark Erosion Process
in the Manufacture and Dressing of Drop
Forging Dies, by B. Bartkiewics.
GERMAN, per, Werkstattstechnik, Vol LI,
Jun 1961, pp 324-326.

BISI 2434

Optimum Arithmetical Accuracy of
Floating Point Computing Machines,
by K. Samelson, et al.
GERMAN, per, Z. fuer Angewandte Mathematik
und Physik, Vol IV, 1953, pp 312-316.

CSIRO

Measuring Instruments for the Continuous
Contactless Determination of the Tempera-
tures of Hot Rolled Material, by R. Schulze,
F. Esser.
GERMAN, per, Z. fuer Messen, Steuern,
Regeln, Vol I, 1961, pp 26-30.

*BISI 2667

Closure for Borings in Gas and Water
Pipes Under Pressure, by C. J. Hanssen,
3 pp.
GERMAN, Patent No 19,807.

Dept of Commerce
Patent Office
Sci Library

Tubular Shield for X-Ray Examinations,
by Isak Robinsohn, 4 pp.
GERMAN, Patent No 161,257.

Dept of Commerce
Patent Office
Sci Library

Scientific
Engineering (Contd)

Apparatus for Crystallizing Solid
Materials From Solutions Subjected to
a Circulatory.
GERMAN, Patent No 503,594.

Dept of Commerce
Patent Office
Sci Library

Invention Designed to Make Use of
Solar Heat for Technical Purposes,
4 pp.
GERMAN, Patent No 524,943, Class 46d,
Group II. 9658846

Amer Meteorol Soc T-G-167

Process for Decomposing Rock Phosphates
by Means of Hydrogen Chloride, 7 pp.
GERMAN, Patent No 621,713.

Dept of Commerce
Patent Office
Sci Library

Optical Illumination System for Pro-
jectors, 5 pp.
GERMAN, Patent No 747,917, Class 42h,
Group 2302. 9658847

Amer Meteorol Soc T-G-168

Railroad Safety Device for Detecting
the Presence of Overheated Axle Boxes,
7 pp.
GERMAN, Auslegeschrift (DAS) Patent
No 1,082,618.

Dept of Commerce
Patent Office
Sci Library

Up-To-Date Basic-Refractory Bricks,
by J. Sovegjarto.
HUNGARIAN, per, Kohaszati Lapok,
Vol XCIII, Feb 1960, pp 68-72, Mar 1960,
pp 114-117.

BISI 2352

Heat Consumption in Open-Hearth Steel
Production, by F. Sulcz.
HUNGARIAN, per, Kohaszati Lapok,
Vol XCIII, Jun 1960, pp 274-278.

*BISI 2632

Casting of Pig Iron in Casting Machines,
by K. R. Arenbeck.
HUNGARIAN, per, Kohaszati Lapok, No 1,
1961, pp 29-34.

BISI 2610

Scientific
Engineering (Contd)

Lectures and Exhibits Pertaining to
Measuring Techniques at the Weimar Electro-
technical Conference in East Germany, by
Andras Haas, (NY-6990).

HUNGARIAN, per, Meres es Automatika,
Vol IX, No 12, 1961, pp 370-371.

*JPRS

Production of Gear Rim Blanks of High
Hardness From Air-Hardening Steel,
by G. Rossi, L. Vianello.
ITALIAN, Paper Presented at the Conference
of Heavy Forging, Terni, Sep 1961.

BISI 2524

Statistical Quality Control in the
Production of Heavy Forgings, by
Gottardi, O. Toso.
ITALIAN, Paper Presented at the Conference
on Heavy Forging, Terni, Sep 1961.

BISI 2515

New Materials for Permanent Magnets,
by V. Gottardi.
ITALIAN, per, Associazione Elettrotecnica
Italiane, Minal, Riuione, Vol LV,
No 42(169), 1954, pp 1-6.

CSIRO

Measurements of the Cooling Capacity
of Quenching Baths, by T. Pesante.
ITALIAN, per, La Metallurgia Italiana,
Vol XLIV, Apr 1952, pp 145-152.

BISI 2526

Problems Inherent in Placing Nuclear-
Powered Thermoelectric Power Plants in
Caves, by M. Medici, 14 pp.
ITALIAN, per, Termotechnica, 1957,
pp 73-77. (Call No EIF 380916).

AMS

On the Remote Control Gear of the Ito
Diesel Engine, by Takso Matsui, Kan Ito,
6 pp.
JAPANESE, Encl 2 to 1030-61 to USNA,
Tokyo, 7 Dec 1961.

Dept of Navy
ONI 5134408

Scientific
Engineering (Contd)

Rolling Oils for Steel Plates, by
K. Saeki.
JAPANESE, per, Yukagaku, Vol X,
1961, pp 88-93.

*BISI 2657

Criteria of Suitability of Polish Blast
Furnace Slags for Cement Production, by
Jan Janowski, 20 pp.
POLISH, per, Cement-Wapno i Gips,
Vol XVI/XXVI, No 4, 1961.

CSIR 193

Air Cooling System for Internal Com-
bustion Engine, by Antoni Lesniak,
M. Chwiej, J. Paciorkowski, 4 pp.
POLISH, per, Technika Motoryzacyjna,
No 1, 1961, pp 35, 36.

525th MI Gp
I-0100-B
ID 2180112

The Measuring of Mechanical Vibrations
and Shocks by Capacitive Transducers,
by E. Procopovici.
RUMANIAN, per, Studii si Ceroetari de
Mecanica Aplicata, No 4, 1960, pp 1019-1025.

*FTD-TT-62-282

Automatic Core Making, by H. Eriksson.
SWEDISH, per, Gjuteriet, Vol XLIV,
Nov 1954, pp 193-195.

BISI 2658

A Method of Obtaining Uranium Concen-
trate From Uranium-Bearing Material,
10 pp.
SWEDISH, Patent No 146,719, 1948.
9095563

AEC NP Tr-806

Scientific
Fuels

From Matches to Rocket Fuel, by
V. Azernikov.

RUSSIAN, bk, Ot Spichki k Raketnomu
Toplivu, pp 1-143.

*FTD-TT-62-366

The Mechanism of the Action of
Kerosene in the Flotation Process,
by S. I. Krokhn, R. I. Cheremukhina.
RUSSIAN, per, Iz Vysshikh Ucheb
Zaved Tsvet Metall, No 1, 1959,
pp 26-40.

NLL M. 3341

Influence of Flotation Reagents on
the Linear Adsorption of Flotation
Oils Over a Three-Phase Wetting
Perimeter, by S. I. Khokhn,
R. I. Cheremukhina.
RUSSIAN, per, Iz Vysshikh Ucheb
Zaved Tsvet Metall, No 2, 1959,
pp 27-35.

NLL M. 3342

Liquid Rocket Propellants - Their
Performance Cost, and Availability,
by Armin Dadieu, 12 pp.
GERMAN, per, Raketentechnik und
Raumfahrtforschung, Vol V, No 3,
1961, pp 87-89. 9675850

FTD-TT-61-163

Position of National Coal in the
Economic Picture, by Alves Anibal Bastos.
PORTUGUESE, bk, Geologia e Metalurgia,
pp 93-107.

*Dept of Interior

Scientific
Geophysics

A Short Guide to Soviet Groundwater
Theory, 6 pp.
RUSSIAN, rpt.

MEB

Some Results of Investigations of
Aurorae and Night Airglow During the
IGY and IGC, by V. I. Krasovskiy,
16 pp.
RUSSIAN, rpt.

Planetary & Space Sci
Vol VIII, No 3/4
PP

Technical Data and Description of the
Russian Expedition Ships Participating
in the International Geophysical Year
Program: Poliarnik, Okeanograf,
Professor Rudovits, Zhemchug, Pervenets,
Vitiaz, Vavilov, etc.
RUSSIAN, USSR World Data Center Insti-
tute of Aeroclimatology, Jan 1961,
36 pp. 9675872

Navy 3055/HO Tr-136

Magnetism in Space, by N. V. Pushkov,
(DC-6685).
RUSSIAN, bk, Magnetizm V Kosmose, 1961,
pp 1-47.

*JPRS

Methods of Detailed Study of Seismicity,
by V. I. Bunz, M. V. Gzovskiy.
RUSSIAN, bk, Metody Detal'nogo Izucheniya
Seysmichnosti, Trudy Instituta Fiz Zemli
im. O. Yu. Shmidta, No 9 (176), AN SSSR,
Izdatel'stvo AN SSSR, 1960, 327 pp.

*FTD-TT-62-269

Microbiological Methods of Testing the
Atmosphere, by A. Yu. Vershigora, 132 pp.
RUSSIAN, bk, Metody Mikrobiologichnykh
Doslidzhen Povitrya, 1960, 133 pp.

JPRS 12581

Gravimetric Investigations at Sea, by
V. V. Fedynskiy, (DC-6733).
RUSSIAN, bk, Morskiye Gravimetricheskiye
Issledovaniya, 1961, pp 3-112.

*JPRS

Scientific
Geophysics (Contd)

The Barents Sea: The White Sea, by
L. A. Zenevich.
RUSSIAN, bk, Morya SSSR, Ikh Fauna i
Flora, 1956, pp 240-273.

*Navy/Ho Tr 149

Certain Regularities of the Gravitational Field of the Earth and Their Importance to Geodesy and Cartography, by S. V. Yevseyev.
RUSSIAN, bk, O Nekotorykh Zakonomernostyakh Gravitatsionnogo Polya Zemli i ikh Znachenii Dlya Geodezii i Geofiziki, 1957.

ACIC

Primary Productivity of Bodies of Water, by G. G. Vinberg.
RUSSIAN, bk, Fervichnaya Produktsiya Vodoyemov, 1960.

*AEC

Forecasting and Regulating the Heat Regime of the Surface Layer of the Atmosphere, by M. Y. Berlyand, 11 pp.
RUSSIAN, bk, Predskazaniye i Regulirovaniye Teplovogo Rezhima Prizemnogo Sloya Atmosfery, 1956, 435 pp. 9658844

Amer Meteorol Soc M-R-TC-38

Radioactive Wastes in the Atmosphere, by S. A. Prechistenskiy, 66 pp.
RUSSIAN, bk, Radioaktivnyye Vysrosy v Atmosferu, 1961, pp 1-14, 155-170.

JPRS 12637

An Experimental Ice House, by K. F. Voitkovskiy, 18 pp.
RUSSIAN, bk, Sezonnoye Promerzaniye Gruntov i Primeneniye l'da Dlya Stroitel'nykh Tselei, 1957, pp 88-100. 9658841

Amer Meteorol Soc T-R-374

Deformations of Ice Arches, by K. F. Voitkovskiy, 11 pp.
RUSSIAN, bk, Sezonnoye Promerzaniye Gruntov i Primeneniye l'da Dlya Stroitel'nykh Tselei, 1957, pp 137-143. 9658845

Amer Meteorol Soc T-R-375

Scientific
Geophysics (Contd)

The Live Sounds of the Sea, by
N. I. Tarasov.
RUSSIAN, bk, Zhivyye Zvuki Morya,
1960, 86 pp.

*Navy/Ho Tr 152

Some Problems of Nuclear Meteorology,
by B. I. Styro, (DC-6718).
RUSSIAN, per, Atom Energ, Vol XI, No 6,
1961, pp 533-538.

*JPRS

Concentration of BE7 in Ground Layer Air
and In Atmospheric Precipitations, by
V. P. Shvedov, Z. G. Gritchenko,
L. I. Gedeyonov.
RUSSIAN, per, Atom Energ, Vol XII, No 1,
1962, pp 64-66.

*FTD-TT-62-416

A Precise Expression for the Normal
Value of the Total Gradient of Gravity
and Its Components, by V. V. Yekimov.
RUSSIAN, per, Byul' Inst Teoret Astron,
Ak Nauk SSSR, Vol IV, No 3 (56), 1949,
pp 103-125.

ACIC

Gravimetric Derivation of Deflections
of the Vertical, by D. H. Khramov.
RUSSIAN, per, Byul' Inst Teoret Astron,
Ak Nauk SSSR, Vol IV, No 3 (56), 1949,
pp 126-133.

ACIC

Problem of the Accuracy of Stokes
Formula, by D. V. Zagrebin.
RUSSIAN, per, Byul' Inst Teoret Astron,
Ak Nauk SSSR, Vol IV, No 3 (56), 1949,
pp 134-141.

ACIC

On Production of Phytoplankton in the
North-Western Zone of the Pacific Ocean,
by V. G. Bogorov, et al.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CIV,
No 1, 1955, pp 141-143.

CSIRO

Scientific
Geophysics (Contd)

Vertical Distribution of Plankton in the Oceans of the World and Typology of Sea Basins, by K. A. Brodsky. RUSSIAN, per, Dok Ak Nauk SSSR, Vol CIII, No 5, 1955, pp 917-920.

CSIRO

Moment Method in the Theory of Non-linear Differential Equations, by M. I. Gavrilov, 7 pp. RUSSIAN, per, Dopovidi Ak Nauk Ukrayins'koy RSR, No 6, 1961, pp 709-712.

JPRS 12544

On Several New Goniatite Groups From the Carboniferous of the USSR, by L. S. Librovich. RUSSIAN, per, Ezhegodnik Vsesoyuznogo Paleontologicheskogo Obshchestva, Vol XVI, 1955/1956, pp 250-252.

Dept of Interior
QE3 E57 No 61

Contribution to the Problem of Adiabatic-Invariant Violation and Particle Acceleration in Magnetic Fields and Shock Waves, by V. P. Shabanskiy, (DC-6595). RUSSIAN, per, Geomagnetizm i Aeronomiya, Vol I, No 4, 1961, (pp 483-489).

*JPRS

Research on Microflora Air Odessa, by D. L. Khoroshanskaya. RUSSIAN, per, Gigiena i Zdrov'e, Vol I, 1941, pp 28-34.

*ACSI I-0917
ID 2191511

Conference on the Problem of the Modification of Climate, by A. P. Gal'tsov, 14 pp. RUSSIAN, per, Iz Ak Nauk SSSR, No 5, 1961, pp 128-133.

JPRS 12930

Scientific
Geophysics (Contd)

Selected Articles From the Russian
Periodical Iz Ak Nauk SSSR, Ser
Geofiz.

ACIC

No 1, 1952.

Method of Analytical Continuation
of Gravitational Anomalies, by
A. K. Malovichko, (pp 35-39).

Logarithmic Gravity Measuring Grids,
by A. A. Nepomnyashchikh, (pp 40-46).

No 5, 1952, pp 55, 56.

Determination of Value and Direction
of the Magnetic Intensity of Disturb-
ing Bodies Based on the Results of
Magnetic and Gravitational Surveys,
by D. S. Mikov.

No 3, 1953.

Two Ratios of Work of Horizontal
Pendulums, by G. A. Gamburtsev,
(pp 201-208).

On the Solution of the Inverse
Gravimetric Problem, by
A. K. Malovichko, (pp 228-231).

No 4, 1954, pp 349-359.

Principle of the Gravitation Theory
of the Movement of Sediments, by
M. A. Velikanov.

No 2, 1955, pp 181-184.

Computation of Gravitational
Anomalies in the Course of Linear
Changes of Rock Density With
Depth, by A. N. Timofeyev.

Investigations of Soviet Geodesists on
the Determination of the Size and Shape
of the Earth, by A. A. Izotov.
RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geograf,
No 3, 1952, pp 52-54.

ACIC

Scientific
Geophysics (Contd)

Selected Articles From the Russian
Periodical Iz Ak Nauk SSSR, Ser Geograf
i Geofiz.

ACIC

Vol II, No 4, 1938, pp 307-315.
Determination of the Gravity Center
of a Disturbing Mass From Gravita-
tional Observations, by
G. A. Gamburtsev.

Vol III, No 1, 1939, pp 3-29.
On the Deformation of the Earth
According to Observations With
Horizontal Pendulums in Tomsk and
Poltava, by A. Ya. Orlov.

Vol III, No 3, 1939, pp 275-286.
Determination of Derivatives of
the Gravitational Potential and
the Relations Between the Moments
of Disturbing Masses by a Deriva-
tive Given on a Plane, by
A. A. Zamorev.

Vol V, No 1, 1941, pp 89-94.
The Direct and Inverse Problem of
the Gravitational Potential for a
Homogeneous Segment of a Sphere,
by I. S. Gel'fand.

Vol VIII, No 1, 1944, pp 18-24.
Remarks on the Estimation of the
Accuracy of Observations With
Varimeters, by A. D. Dubyago.

Vol VIII, No 5, 1944.
Experiment of Application of the
Hypothesis of Partial Isostatic
Compensation, by D. N. Khramov,
(pp 281-284).

Accuracy of Determination of Gravity
Anomalies by Gravitational Vario-
meters, by Yu. D. Bulanzhe,
(pp 285-291).

Scientific
Geophysics (Contd)

Selected Articles From the Russian
Periodical Iz Ak Nauk SSSR, Ser Geograf
i Geofiz. (Contd)

ACIC

Vol VIII, No 5, 1944.
The Inverse Problem of the Gravitational Potential for the Homogeneous Ellipsoid of Rotation, by
I. S. Gel'fand, (pp 295-297).

Vol VIII, No 6, 1944, pp 381-384.
On the Addition of Oscillations of Two Gravimetric Pendulums on a Ship, by V. A. Kazinskiy.

Vol IX, No 2, 1945, pp 108-111.
Barometric Effects on Gravimeters, by V. V. Fedynskiy.

Vol IX, No 3, 1945, pp 240-260.
On the Averaging of Gravimetric Fields, by A. N. Tikhonov, Yu. D. Bulanzhe.

Vol X, No 5, 1946, pp 449-454.
On a Method of Distinguishing Local and Regional Gravimetric Fields, by B. L. Shneyerson.

Vol XIII, No 6, 1949, pp 556-562.
Problem of the Separation of Local Gravitational Anomalies, by V. A. Magnitskiy.

Vol XIV, No 3, 1950, pp 223-231.
Gravity Anomalies and Their Connection With the Most Important Tectonic Patterns of the Western Regions of the Ukrainian SSR, by A. A. Bogdanov, B. L. Gurevich, S. Ya. Shereshevskaya.

Vol XIV, No 5, 1950, pp 403-414.
Determination of Harmonic Moments of Disturbing Masses by the Derivative of the Gravitation Potential Given on a Plane, by V. K. Ivanov.

Scientific
Geophysics (Contd)

Diapir Folds in Coal Beds, by
L. D. Miroshnikov, 6 pp.
RUSSIAN, per, Iz Ak Nauk SSSR, Ser
Geol, No 5, 1957.

MEB

The Problem of the Shape of the Earth,
by I. I. Stebnitskiy.
RUSSIAN, per, Iz Kavkaz Otdela
Imperatorskago Russ Geograf Obshch,
Vol VIII, 1884-1885, pp 225-243.

ACIC

Observations of the Reversible
Pendulum in Shemakha and Baku, by
P. Kul'berg.
RUSSIAN, per, Iz Kavkaz Otdela
Imperatorskago Russ Geograf Obshch,
Vol VIII, 1884-1885, pp 294-296.

ACIC

Favorable Periods for Aerial Topo-
graphic Surveying Depending on Water
Level Fluctuation in Rivers, Seas,
and Lakes, by L. A. Bogomolov, 11 pp.
RUSSIAN, per, Iz Vysshikh Ucheb
Zaved, Geod i Aerofotos, No 3,
1961, pp 103-106.

JPRS 12504

Scientific-Technical Conference of
the Moscow Institute of Engineers of
Geodesy, Aerial Photography, and
Cartography, 14 pp.
RUSSIAN, per, Iz Vysshikh Ucheb
Zaved, Geod i Aerofotos, No 3, 1961,
pp 155-158.

JPRS 12504

Determination of the Representation
Error of Gravity Anomalies by the
Mean Gradient Method, by M. V. Avdulov,
12 pp.
RUSSIAN, per, Iz Vysshikh Ucheb Zaved,
Geodeziya i Aerofotos'yemka, No 4,
1961, pp 67-74.

JPRS 12961

Scientific
Geophysics (Contd)

Selected Articles From the Russian
Periodical Met i Gid.

No 10, 1961, pp 54-56.

JPRS 12468

The Meteorological Service in
Afghanistan, by I. N. Veydner,
9 pp.

No 11, 1961.

The RKZ-1A Radiosonde, by
V. A. Pobiyakho, 9 pp.

JPRS 12758

The Thermal Zonality of the Earth,
by M. I. Budyko, 17 pp.

JPRS 12758

All-Union Meteorological Conference,
by L. S. Gaudin, 6 pp.

JPRS 12902

No 12, 1961. (DC-6719).

*JPRS

The Use of Computers in Meteorology,
by P. K. Yevseyev, (pp 6-14).

Experience With the Quantitative
Prediction of Precipitation, by
Ting Te Ch'ang, (pp 23-25).

No 2, 1962. (DC-6728).

*JPRS

Some Ways of Influence on Climate,
by M. I. Budyko, (pp 3-8).

On the Formation and Change of
Macrovortex in the Atmosphere, by
Vi. Sharov, (pp 9-15).

The Main Features of Radiation Regime
of Franz Josef Land Glacier Covers,
by V. A. Markin, (pp 23-27).

On the Universal Formula for the
Estimation of Global Radiation, by
M. S. Averkiev, (pp 27-30).

On the Hydrometeorological Study of
Mountain Regions, by I. A. Il'in,
(pp 46, 47).

Scientific
Geophysics (Contd)

Selected Articles From the Russian
Periodical Met i Gid. (Contd)

No 2, 1962. (DC-6728)

*JPRS

"Physica of Clouds, by A. M. Borovikov
and others;" by L. T. Matveyev,
A. M. Baranov, (pp 62, 63).

Literature on Meteorology, Hydrology
and Oceanography in 1961 (Continuation),
(pp 64-67).

The Third Session of the Commission
on Aerology of the WMO, by
K. T. Losvinov, A. H. Hrgian,
(pp 69-71).

The Study of Deep Pacific Currents During
the International Geophysical Year, by
N. N. Sysoyev.
RUSSIAN, per, Mezhd Geofiz God, Informats
Byul, No 9, 1961, p 17.

NIOT/55

Third Mediterranean Cruise of the E/V
"Academician S. Vavilov", by
V. M. Kovylin, 4 pp.
RUSSIAN, Okeanologiya, Vol I, No 4,
1961, pp 753-755.

JPRS 12551

Selected Articles From the Russian
Periodical Okeanologiya.

Vol I, No 3, 1961, pp 543-549.
Maiden Voyage of the Research
Vessel Yu. M. Shokal'skiy and Its
Scientific Results, by
A. N. Kryndin, 24 pp.

JPRS 12493

Vol 1, No 4, 1961.
The Use of Principles of Discrete
Calculation for Relaying the Data
of Deep Water Measurements, by
A. N. Paramonov, 5 pp, (pp 710-716).

JPRS 12552

Scientific
Geophysics (Contd)

Selected Articles From the Russian
Periodical Okeanologiya. (Contd)

Vol 1, No 4, 1961.

Investigations in the Indian Ocean
on the 33rd Cruise of the Expedi-
tionary Vessel "Vityaz", by
P. L. Bezrukov, 13 pp, (pp 745-753).

JPRS 12551

First Cruise of the Research
Exploratory Expedition of the
Polar Institute of Marine
Fisheries and Oceanography
Into the Northwest Part of the
Atlantic (Summer 1960) in
Search for Herring, by
I. G. Yudanov, 4 pp, (pp 756, 757).

JPRS 12551

Visual Underwater Observations in
the Course of the Fifth Cruise of
the Submarine "Severyanka", by
G. A. Sokolov, 4 pp, (pp 757-761).

JPRS 12551

Gravimetric Surveying With Stabilized
Marine Gravimeters in the Okhotsk Sea
and the Pacific Ocean, by
K. Ye. Yevdokimov, et al, (DC-6698).
RUSSIAN, per, Prik Geofiz, No 29,
1961, pp 136-156.

*JPRS

Processing the Readings of Overdamped
Gravimeters During Measurements at
Sea, by V. A. Kuzivanov, et al,
(DC-6698).
RUSSIAN, per, Prik Geofiz, No 29, 1961,
pp 157-167.

*JPRS

The Snow Cover on the Drifting Ice of
the Central Arctic, by G. N. Yakovlev,
19 pp.
RUSSIAN, per, Problemy Arktiki i Antarktiki,
No 3, 1960, pp 65-76. 9658839

Amer Meteorol Soc T-R-377

Scientific
Geophysics (Contd)

Soviet Abstracts Journal, Geophysics,
56 pp.

RUSSIAN, per, Referativnyy Zhur, Geofiz,
No 1, 3-6, 1961.

JPRS 12748

Bibliography of Soviet Work of Terrestrial
Electricity and Electrical Prospecting,
87 pp.

RUSSIAN, per, Referativnyy Zhur-Geofiz,
Geol, 1958-1961.

JPRS 13131

Soviet Abstracts Journal, Geology, 37 pp.
RUSSIAN, per, Referativnyy Zhur, Geol,
No 6, 1961.

JPRS 12450

Bibliography of Selected Soviet Articles
on Astronomy, Upper Atmosphere and Space
Research, 34 pp.

RUSSIAN, per, Referativnyy Zhur, Ser Astron
i Geod, Geofiz, Mekh, Fiz, Matemat,
Elektrotekh.

JPRS 13002

Oxidizing-Reducing Environment, Geochemical
Facies and Petroleum Hydrocarbons, by
G. I. Teodorovich, 10 pp.

RUSSIAN, per, Sovet Geol, No 47, 1955.

MEB

Geochemical Facies: Oxidizing-Reducing
Conditions and Organic Matter in Sedi-
mentary Rocks, by L. A. Gulyayeva, 42 pp.

RUSSIAN, per, Sovet Geol, No 47, 1955.

MEB

Mesozoic Magmatic Rocks of the Eastern
Edge of the Aldan Shield, by

V. V. Arkangel'skaya, A. G. Kats.

RUSSIAN, per, Sovet Geol, No 4, 1959,
pp 67-82.

NLL RTS 1891

Complex Oceanographic Research in Area
of Kurile-Kamchatka Deep, by
L. A. Zenkevich.

RUSSIAN, per, Trudy Inst Okeanolog,
Ak Nauk SSSR, Vol XVI, 1959, pp 24-46.

*AFCL Res Lib

Scientific
Geophysics (Contd)

Bottom Relief of the Bering Sea, by
G. B. Udintsev, et al.
RUSSIAN, per, Trudy Inst Okeanol,
Ak Nauk SSSR, Vol XXIX, 1959, pp 17-64.

*AFCRL Res Lib

Radius of Investigation for Gamma Rays
in Geologic and Ore Deposit Mapping, by
Ye. M. Filippov, 10 pp.
RUSSIAN, per, Trudy Sibirsk Geol i
Geofiz, No 3, 1960.

MEB

Selected Articles From the Russian
Periodical Trudy Tsentral'nogo
Instituta Prognozov.

No 93, 1960.

JPRS 12790

Theory of Long-Range Forecast Allowing
for the Vertical Stratification of the
Atmosphere and for the Turbulent
Intermixing, by S. A. Mashkovich,
Ya. M. Kheyfets, 18 pp.

Perfecting the Methods of Long-Range
Forecast of Absolute-Topographys
Maps According to a Barotropic
Model, by Ya. M. Kheyfets,
I. A. Shishkova, 12 pp, (pp 16-24).

Some Results of Hydrodynamic Research
of Breezes, by I. G. Sitnikov, 22 pp,
(pp 65-79).

No 112, 1961.

*JPRS

Divergence and Curl of Wind Velocity
and the La Placion ∇H at the Heights
in Quasi-Vertical Cyclones and Anti-
cyclones, by A. N. Mertsalov,
(SF-2203), (pp 18-31).

Prognosis of the Geopotential in the
Centers of Cyclones and Anticyclones at
Heights Along the Wind Field Taking
Acceleration Into Account, by
M. N. Mineyeva, (SF-2202), (pp 32-39).

Results of Testing Methods of Forecasting
the Absolute Geopotential of the Isobaric
Surfaces 500 and 300 Millibars, by
T. D. Sereda, (SF-2203), (pp 40-45).

Scientific
Geophysics (Contd)

Method of Degasification When Heading
in Grassy Strata, by A. I. Rudman.
RUSSIAN, per, Ugol' Ukrainy, Vol III,
No 7, 1959, pp 18, 19.

NLL M. 3286

Selected Articles From the Russian
Periodical Zapiski, Imperatorskago
Russkago Geograf Obshch po Obshchey
Geog.

ACIC

Vol XXX, No 1, 1896, pp I-VII, 1-97.
Repsold's Reversible Pendulum Oscilla-
tion Observations Carried Out at
Pulkovo, Moscow, and in Moscow
Guberniya, by I. Iveronov.

Vol XXX, No 2, 1896, pp 1-78.
Repsold Reversible Pendulum Oscilla-
tion Observations Carried Out at Pulkovo
and Paris in 1893-1894, by A. Sokolov.

Vol XXX, No 3, 1903, pp 1-50.
Repsold's Reversible Pendulum Oscilla-
tion Observations Carried Out in
Kishinev and Aleksandrovsk in 1892,
by A. Vil'kitskiy.

Vol XXX, No 4, 1903, pp 1-84.
Repsold's Reversible Pendulum Oscilla-
tion Observations Carried Out in
Yeniseysk, Gol'chikha, Dikson Island,
Tobol'sk, Berezov, Obdorsk and
Yugorskiy Shar in 1894-1896, by
A. Vil'kitskiy.

Space Correlation of Local Temperature
Changes in Turbulent Isotropic Streams,
by St. Panchev, 5 pp.
BULGARIAN, per, Doklady Bolgarskoy
Akademii Nauk, Vol XIV, No 2, 1961,
pp 143-145.

JPRS 12680

Scientific
Geophysics (Contd)

Selected Articles From the Chinese
Periodical Wu-han Ta-hsueh Tzu-jan
K'o-hsueh Hsueh-pao, Wu-li Chuan-hao,
No 6, 1959. (DC-6585).

JPRS 12653

On the Methods of Measuring the
Absorption of Electrical Waves in
the Ionosphere, by V. D. Gusev,
9 pp, (pp 1-7).

Ionospheric RF Wave Absorption Meter,
11 pp, (pp 8-15).

The Dependent Relationship Between
the Parameters of the Non-Homogeneous
Ionospheric Structure and the
Disturbance of the Ionosphere, by
V. D. Gusev, Li Chun, 9 pp,
(pp 16-22).

On the Determination of Non-Homogeneous
Parameters of Ionosphere With Correla-
tion Method, by V. D. Gusev, Li Chun,
8 pp, (pp 23-28).

Quality of Water in the Flaje Valley Dam
During Its First Year of Operation, by
L. Fiala, 5 pp.
CZECH, per, Vodni Haspodarstvi, Vol LXXXVII,
No 5, 1961, pp 221-225. (Call No. TD204).

AMS

Astronomical Observations Above the Earth's
Atmosphere, by P. Swings, 64 pp.
FRENCH, per, Centre National de Recherches
de l'espace, No 15, 1960, 61 pp. 9658842

Amer Meteorol Soc
T-F-37

Movement of the Paraconical Pendulum and
the Total Eclipse of the Sun of 30 June 1954,
by Maurice Allais, 5 pp.
FRENCH, per, Comptes Rendus, Vol CCXLV,
4 Dec 1957, pp 2001-2003.

AEC SCL-T-385

Scientific
Geophysics (Contd)

Radioactivity in the Atmosphere. The Percentage of Small and Large Radioactive Ions in the Air, by Jean Bricard, Jacques Pradel, Andre Renoux, 7 pp. FRENCH, per, Comptes Rendus, Vol CCLII, 1961, pp 2119-2121. 9095529

AEC UCRL Tr-738

The Purification of Air From Radioactive Aerosols, by L. Lassen, 26 pp. GERMAN, per, Atomwirtschaft, Vol V, 1960, pp 511-518.

AEC Tr-4639

Exploration of the Upper Atmosphere at the Ionosphere Research Observatory of Kuehlungsborn, by R. Knuth, 17 pp. GERMAN, per, Die Technik, Vol XVI, No 9, 1961, pp 622-626.

JPRS 12785

International Conference on Hydrological Forecasting, by D. Lauterbach, 6 pp. GERMAN, per, Wasserwirtschaft-Wassertechnik, Vol XI, No 8, 1961, pp 404, 405.

JPRS 12678

Some Characterisitics on Albania's Temperature and Precipitation, by P. Kasneci, S. Jaho, 5 pp. HUNGARIAN, per, Idojaras, Vol LXV, No 2, Mar/Apr 1961, pp 90-92.

JPRS 12512

Air Current in Hungary With Large-Scale Weather Situations of N- and S-Steering, by Gabriella Szalay-Papai, 9 pp. HUNGARIAN, per, Idojaras, Vol LXV, No 2, Mar/Apr 1961, pp 93-98.

JPRS 12514

Scientific
Geophysics (Contd)

The Energy Necessary for the Creation
of Lunar Craters and Ring Mountains, by
Peter Hedervarr, 21 pp.
HUNGARIAN, per, Magyar Fizikai Folyoirat,
Vol IX, No 4, 1961, pp 251-263.

JPRS 12459

Considerations of the 11-Year Cycle of
Solar Phenomena, by Alessandro Rima,
20 pp.
ITALIAN, per, Geofisica e Meteorologia,
No 9, 1961, pp 39-46. 9658835

Amer Meteorol Soc T-I-9

Selected Articles From the Polish
Periodical Przegląd Geodezyjny,
Vol XXXIII.

JPRS 12991

No 5, 1961, pp 191-195.
Report on the Activities of the
Association of Polish Geodesists in
1960, 8 pp.

No 7, 1961.
The Activity of the Association of
Polish Geodesists in 1960 and Its
Work Plans for 1961, by
Wladyslaw Ploski, 14 pp, (pp 241-245).

Problems of Geodesy and Cartography
in 1961-1965, by Borys Szmielew,
15 pp, (pp 245-249).

Remarks on the Activity of the
Communal Geodetic Service in
1961-1965, by Krystyna
Glowinska, 4 pp, (pp 252-254).

The 15th Congress of the Association
of Polish Geodesists and Resolutions
and Recommendations of the 15th Congress
of the Association of Polish Geodesists,
15 pp, (pp 274-278).

Scientific
Geophysics (Contd)

Selected Articles From the Polish
Periodical Przegląd Geodezyjny,
Vol XXXIII. (Contd)

JPRS 12991

No 8, 1961.

Subscriptions in Przegląd Geodezyjny
in 1961, by Stanisław Janusz
Tymowski, 5 pp, (pp 308, 309).

Current Work of the Central Committee
of the Association of Polish Geodesists,
10 pp, (pp 309-311).

Local Changes in the Structure of the
Ionosphere at High Latitudes, by
K. L. Olsen.

SWEDISH, per, Geofysiske Publikasjoner,
Vol XII, No 6, 1942, pp 1-15.

CSIRO

November and December Weather, 1961,
by Dinh Van Loan, Nguyen Dang Bao, 6 pp.
VIETNAMESE, per, Thong Bao Thoi Tiet,
8 Dec 1961, pp 2-4.

JPRS 12936

Detectors of Noxious Substances in the
Atmosphere, by Bauer, J. Marsak.
UNKNOWN, 1960, Prague.

*AEC

East European Technical and Scientific
Journals, Earth Sciences, 19 pp.
VARIOUS, per, 1961.

JPRS 12963

Scientific
Mathematics

Asymptotic Estimates and Entire Functions,
by M. A. Evgrafov, 192 pp.
RUSSIAN, bk.

Gordon & Breach

Moments Method in Applied Mathematics, by
Yu. V. Vorobyev, 300 pp.
RUSSIAN, bk.

Gordon & Breach

Complex Numbers and Conformal Mapping
(International Monographs on Advanced
Mathematics and Physics), by
A. I. Markushevich, 62 pp.
RUSSIAN, monograph, Kompleksnyye Chisla
i Konformivyye Otobrazeniya, 1960, 54 pp.

Gordon & Breach

Linear Differential Equations With
Variable Coefficients (International
Monographs on Advanced Mathematics
and Physics), by I. Z. Shtokalo, 96 pp.
RUSSIAN, monograph, Lineynyye
Differentsial'nyye Uravneniya s
Peremennymi Koeffitsiyentami, 1960,
75 pp.

Gordon & Breach

Fundamentals of Galois' Theory (Inter-
national Monographs on Advanced
Mathematics and Physics), by M. M.
Postnikov, 142 pp.
RUSSIAN, monograph, Osvovy Teorii
Galua, 1959, 109 pp.

Gordon & Breach

Summation of Infinitesimal Quantities,
by I. Natanson, 74 pp.
RUSSIAN, bk, Summirovaniye Beskonechno
Malykh Velichin.

Gordon & Breach

Scientific
Mathematics (Contd)

Soviet Abstracts Journal, Mathematics,
64 pp.

RUSSIAN, per, Rerativnyy Zhur,
Matemat, No 1/6, 1961.

JPRS 12796

The Use of Mathematical Methods in the
Teaching of Biology and Medicine, by
R. N. Biryukova, 4 pp.

RUSSIAN, per, Sovet Zdravookhraneniye,
Vol XX, No 9, 1961, pp 99, 100.

JPRS 12648

New Trends in Mathematical Statistics,
by N. V. Smirnov, 14 pp.

RUSSIAN, per, Vest Ak Nauk SSSR, No 8,
1961, pp 53-58.

JPRS 13083

The Modern Aspects of Mathematics, by
Lucienne Felix, 194 pp.

FRENCH, bk.

Science Editions

On the Convergence of the Series of
Legendre Polynomials, by S. Russo.

FRENCH, per, Bull Academie Royale
des Sciences, Des Lettres des Beaux-
Arts de Belgique Brussels,

Vol XXXVIII, 1952, pp 168-175.

CSIRO

Playing With Infinity: Mathematics for
Everyman, by Rozsa Peter, 268 pp.

HUNGARIAN, bk.

Simon & Schuster

Scientific
Medicine

Atherosclerosis - Occurrence, Clinical Forms, and Therapy, by Aleksandr Leonidovich Myasnikov (Miasnikov).
RUSSIAN, bk, Ateroskleroz (Proiskhozhdenie, Klinicheskie Formy, Lechenie), Moscow, 1960, 444 pp.

*NIH

The Effect of Prolonged Daily Irradiation on Nucleic Acid Metabolism in Certain Rabbit Tissues, by R. Ye. Libinon, V. V. Konstantinova, 13 pp.
RUSSIAN, bk, Biologicheskoye Deystviye Radiatsii i Voprosy Raspredeleniya Radioaktivnykh Izotopov, 1961, pp 18-28.

JPRS 12704

The Effect of the Time of Administration of Bone Marrow Suspensions on the Therapy of Acute Radiation Injury, by S. A. Rogacheva, 7 pp.
RUSSIAN, bk, Biologicheskoye Deystviye Radiatsii i Voprosy Raspredeleniya Radioaktivnykh Izotopov, 1961, pp 49-54.

JPRS 12704

The Distribution and Excretion of Plutonium in Dogs in the Remote Periods After Its Administration, by T. N. Rysina, R. A. Yerokhin, 11 pp.
RUSSIAN, bk, Biologicheskoye Deystviye Radiatsii i Voprosy Raspredeleniya Radioaktivnykh Izotopov, 1961, pp 119-127.

JPRS 12704

Control of Diseases Common to Man and Animals, (Zoonoses), 102 pp.
RUSSIAN, bk, Bor'ba s Boleznymi, Obshchimi Dlya Cheloveka i Zhivotnykh (Zoonozy), 1961, pp 22-37, 54-116, 123-139.

JPRS 12716

Scientific
Medicine (Contd)

Selected Articles From the Russian
Book Ekspperimental'noy Izucheniye
Zakonomernostey Raboty Kory Bol'shnikh
Polushariy, 1960.

JPRS 12969

A Study of Local Electrical Phenomena
in the Cerebral Cortex in Connection
With the Elaboration of Conditioned
Reflexes and Internal Inhibition, by
G. I. Shul'gina, 8 pp, (pp 14-20).

A Study of the Significance of
Rhythmic Processes in the Cerebral
Cortex of Rabbits During the
Extinction of Conditioned Reflexes,
by T. A. Korol'kova, 14 pp,
(pp 21-32).

Conditioned-Reflex Reorganization of
Cortical Rhythm in Man by the Combina-
tion of Sound With Rhythmic Light, by
R. A. Pavlygina, V. S. Rusinov, 8 pp,
(pp 33-38).

Electrical Activity of the Cortex,
Thalamus, Hypothalamus and Reticular
Formation of the Brain Stem of the
Rabbit from Combination of Sound
With Rhythmic Light, by
R. A. Pavlygina, 12 pp, (pp 39-48).

Creation of a Dominant Focus in the
Motor Analyzer With a Pulsating
Direct Current, by R. A. Pavlygina,
R. A. Pozdnyakova, 12 pp, (pp 49-57).

Slow Electrical Processes in the
Rabbit Cerebral Cortex During the
Formation of an Association in Time,
by T. B. Shvets, 16 pp, (pp 58-69).

Scientific
Medicine (Contd)

Selected Articles From the Russian
Book Eksperimental'noy Izucheniye
Zakonomernostey Raboty Kory Bol'shnikh
Polushariy, 1960. (Contd)

JPRS 12969

The Problem of the Interaction of
Food and Defense Conditioned Reflexes,
by L. A. Preobrazhenskaya, 21 pp,
(pp 103-119).

The Problem of the Interaction of
Food and Defense Conditioned
Reflexes Report 2, by
L. A. Preobrazhenskaya, 18 pp,
(pp 120-133).

The Problem of the Interaction of
Exoitory and Inhibitory Processes
Report 1, by P. M. Volkova, 15 pp,
(pp 134-145).

A Characterization of the Recitatory
Process in the Cerebral Cortex of
the Dog With Heterogeneous Conditioned
Reflexes, by U. G. Gasanov, 13 pp,
(pp 162-170).

The Physiological Role of an External
Stimulus Concurrent With Action
Leading to the Removal of Food, by
Ye. I. Plonskaya, 7 pp, (pp 186-192).

Conclusions From: Meterotransplantation
of Malignant Tumors, 6 pp.
RUSSIAN, bk, Geterotransplantatsiya
Zlokachestvennykh Cpukholey, 1961,
pp 165-173.

JPRS 12508

Conclusions, Bibliography, and Table of
Contents From: Interoceptors, by
V. Chernigovskiy, (NY-7012).
RUSSIAN, bk, Interotseptory, 1960,
pp 574-631, 657-659.

*JPRS

Scientific
Medicine (Contd)

The Significance of and Prospects for
the Use of Hypothermia in Different
Fields of Medicine, by I. R. Petrov,
Ye. V. Gubler, 13 pp.
RUSSIAN, bk, Iskussivennaya Gipotermiya,
1961, pp 180-193.

JPRS 12522

An Investigation of the Pathogenesis of
Arterial Hypertension, by M. I. Gurevich,
7 pp.
RUSSIAN, bk, Issledovaniya Patogeneza
Arterial'noy Gipertonii, 1960, pp 99-105.

JPRS 12923

Criticism of the Theories of Biologiza-
tion of Man, by S. I. Gal'perin, 16 pp.
RUSSIAN, bk, Kritika Teoriy Biologizatsii
Cheloveka, 1960, pp 22-38.

JPRS 12599

Data Concerning the Study of the Effect
of the Liver on Circulatory Processes,
by V. D. Kiknadzo, 11 pp.
RUSSIAN, bk, Materialy K Izucheniyu
Iliyaniya Pecheni Na Protsessy
Krovetvoreniya, 1960, pp 11, 12,
23, 24, 27-29, 33-36, 42, 43, 60-67.

JPRS 12910

Scientific
Medicine (Contd)

Selected Articles From the Russian
Report Materialy Soveshchaniya po
Psikhologii, 1957.

Liveright Publ Corp,
New York

On the Theory of the Sense of Truth,
by B. G. Anan'yev, 8 pp, (pp 189-194).

Some Theoretical Problems of the
Image in Touch, by L. M. Vekker,
10 pp, (pp 199-205).

Reflex Receptor Mechanisms, by
Ye. N. Sokolov, 8 pp, (pp 250-256).

Application of Electromyography to
the Study of Speech, by F. V. Bassin,
E. S. Bein, 15 pp, (pp 315-327).

Electrophysiological Investigation
of Speech, by L. A. Novikova, 17 pp,
(pp 337-351).

Method of Experimental Research of Higher
Nervous Activity of Man, by
Vera Konstantinovna Faddeyeva.
RUSSIAN, bk, Metodika Eksperimentalnogo
Issledovaniya Vysshey Nervoy Deyatel'nosti,
1960, 253 pp.

*FTD-TT-62-358

Mechanisms and Localization of the
Switching Function of the Brain, by
O. S. Adrianov, M. Ya. Rabinovich,
27 pp.
RUSSIAN, bk, Nekotoryye Teoreticheskiye
Voprosy Stroyeniya i Deyatel'nosti
Mozga, 1960, pp 152-178.

JPRS 12739

Electronic Heart Stimulator (ES-1), by
B. N. Rostovtsev, 5 pp.
RUSSIAN, mono, Novyye Khirurgicheskiye
Instrumenty i Apparaty Dlya Grudnoy
Khirurgii, 1961, pp 20-25.

JPRS 12838

Scientific
Medicine (Contd)

Thermal and Electrical Injuries, by
N. G. Dam'ye, 12 pp.

RUSSIAN, bk, Osnovy Travamatologii
Detskogo Vozrasta, 1960, pp 72-83.

JPRS 13012

Characteristics of the Reaction of a
Growing Organism to the Ionizing
Radiation Effect (summary), by
L. A. Shparo, T. M. Mel'gunova,
K. A. Moskacheva, 28 pp.

RUSSIAN, bk, Osobennosti Reaktsii
Rastushchego Organizma Na Deystviye
Ioniziruyushchey Radiatsii, 1960.

JPRS 12789

Clinical Physiological Nature of
Hypoxic Conditions and Hypoxic Type
of Oxygen Deficiency, by A. M. Charnyy,
31 pp.

RUSSIAN, bk, Patofiziologiya
Gipoksicheskikh Sostoyaniy, 1961,
pp 98-143.

JPRS 12521

Plastics in Medicine, 21 pp.

RUSSIAN, bk, Plastmassy v Meditsine.
Moscow, 1961, pp 9-35, 175.

JPRS 12715

V. Control Processes in Living
Organisms Physiology of Activity -
The Next Problems, by N. A. Bernshteyn,
71 pp.

RUSSIAN, bk, Problemy Kibernetiki,
No 6, 1961, pp 101-160.

JPRS 12951

Control Mechanisms of Antibody Formation
in Light of Data of Immunity Genetics
and Biochemistry of Abnormal Human Hemo-
globins, by V. P. Efroimson, 27 pp.

RUSSIAN, bk, Problemy Kibernetiki,
No 6, 1961, pp 161-181.

JPRS 12611

Control Mechanisms in Radiation Sickness,
by V. P. Efroimson, 31 pp.

RUSSIAN, bk, Problemy Kibernetiki, No 6,
1961, pp 183-205.

JPRS 12712

Scientific
Medicine (Contd)

Investigation of the Biocurrent of
Muscles in Young Sportsmen During
Repeated Exercises for Strength,
Speed, and Endurance, by
D. P. Bukreyeva, (DC-6671).
RUSSIAN, bk, Problemy Vrachebnogo
Kontrolya, V, 1960, pp 301-316.

*JPRS

Analysis of Shifts in the Electric
Activity of the Brain Under Various
Physical Stresses, by L. I. Il'ina,
Ye. V. Kukolevskaya, (DC-6671).
RUSSIAN, bk, Problemy Vrachebnogo
Kontrolya, V, 1960, pp 332-344.

*JPRS

Specific Antigens of Cancer of the
Breast, by V. V. Gorodilova, 11 pp.
RUSSIAN, bk, Spetsificheskiy Antigen
Raka Molochnykh Zhelez, 1961,
pp 153-167.

JPRS 12973

On the Problem of the Mechanism of
Formation of Tissue Hemolysins Under
Normal Conditions and During Radiation
Injury in Animals, by B. N. Tarusov,
Yu. B. Kudryashov, Ye. N. Goncharenko,
(DC-6673).
RUSSIAN, bk, Voprosy Biofiziki, Biokhimii
i Patologii Eritrotsitov, 1960,
pp 277-283.

*JPRS

Questions of Toxoplasmosis, 54 pp.
RUSSIAN, pamphlet, Voprosy Toksoplazmoza,
1961, 69 pp.

JPRS 12894

Total Tissue Doses From the Action of
all Natural Sources of Radiation, by
I. M. Belousov, Yu. M. Shtukkenberg,
6 pp.
RUSSIAN, bk, Yestestvennaya Radioaktivnost',
1961, pp 186-191.

JPRS 12728

Scientific
Medicine (Contd)

Experiences of the Work of the Pharmaceutical Faculty of the First Moscow Order of Lenin Medical Institute Imeni I. M. Sechenov on the Reorganization of Education in the Light of the Law on Strengthening the Connection Between School and Life and Further Development of the System of Public Education in the USSR, by G. A. Melent'yeva, 8 pp.

RUSSIAN, per, Aprechnoye Delo, Vol X, No 5, Sep/Oct 1961, pp 59-63.

JPRS 13046

The Training of Pharmacists at the Evening Department of Higher Educational Institutions, 4 pp.

RUSSIAN, per, Aptechnoye Delo, Vol X, No 5, Sep/Oct 1961, pp 63-66.

JPRS 13046

The Influence of the Thyroid Hormones on the Restorative Regeneration of the Skeletal Muscle in Mammals, by T. M. Kovalenko, 9 pp.

RUSSIAN, per, Arkhiv Anatomii Gistol i Embriol, Vol XXXIV, No 1, 1957, pp 22-28. 9097009

NIH I-19-62

The Effects of Gamma-Rays on the Sorbtive Properties of Some Tissues of White Rats Under Conditions of Chronic Irradiation, by M. I. Fedotova, 6 pp.

RUSSIAN, per, Arkhiv Patol, Vol XXIII, No 12, 1961, pp 57-61.

JPRS 12829

The Dynamics of Morphological Changes of Connective Tissue Capsules Which Develop Around Plastic Implants During the Process of Malignization, by A. Kh. Kogan, 9 pp.

RUSSIAN, per, Arkhiv Patol, Vol XXIII, No 12, 1961, pp 62-68.

JPRS 12829

Scientific
Medicine (Contd)

Use of the Photomultiplier to Measure
Fluorescence Spectra of Model Systems
and Living Objects, by Yu. A. Vladimirov,
F. F. Litvin, 5 pp.
RUSSIAN, per, Biofiz, Vol III, No 5,
1958, pp 606-609. 9096870

NIH 1-25-62

Coordination of Acquired Motor Skills
in Man as a Method for Studying the
Control of Arbitrary Movements, by
L. V. Chkhaidze.
RUSSIAN, per, Biofiz, Vol VII, No 1,
1962, pp 80-85.

*FTD-TT-62-424

Selected Articles From the Russian
Periodical Byul Eksper Biol i Med.

No 12, 1961.

The Action of Toxins of Pathogenic
Anaerobes on Tissue Cultures, by
R. A. Saltykov, Ye. M. Zemskov,
et al, 5 pp, (pp 43-46).

JPRS 12941

The Effect of Microwaves on the
Hormonal Activity of the Adrenal
Cortex, by F. L. Leite,
L. A. Shuikhine, (pp 47-50).

*FTD-TT-62-277

Vol LIII, No 1, 1962.

Nonthermic Action of Microwaves on
the Rythum of Cardiac Report I.
Investigations of Continuous Micro-
wave Action, by A. S. Presman,
N. A. Levoitne, (pp 41-45).

*FTD-TT-62-278

Post-Traumatic Degeneration and
Regeneration of Synapses Under
the Effect of Ionizing Radiation,
by V. P. Babmindra, (pp 112-117).

*FTD-TT-62-362

Scientific
Medicine (Contd)

Selected Articles From the Russian
Periodical Byul' Uchenogo Med Soveta,
No 4, 1961.

JPRS 12743

Development and Implementation of
New Methods of Diagnosis, Treatment
and Prophylaxis in Institutions of
the RSFSR Ministry of Public Health,
by D. A. Zhdanov, 8 pp, (pp 3-9).

Results of the Setting of Hygienic
Standards in RSFSR Public Health
Institutions in 1959/1960, and the
State of Implementation, by
A. P. Shitskova, 8 pp, (pp 10-16).

Scientific-Organizational Problems
of the Verification of the Effective-
ness and Approval of New Methods of
Prophylaxis of Infectious Diseases,
by L. N. Khristov, 6 pp, (pp 17-22).

Eleventh Scientific Session of the
Sverdlovsk Institute of Labor
Hygiene and Occupational Disease
Pathology, by V. A. Mikhailov,
3 pp, (pp 27, 28).

Plenary Session of the RSFSR MPH
Scientific Medical Council, 18 pp,
(pp 29-40).

At the Presidium of the RSFSR MPH
Scientific Medical Council, 6 pp,
(pp 40-44).

Replacing Bone Defects With Bone Trans-
plants After Removing Benign Tumors, by
N. N. Priorov, V. Ya. Shlapoberskiy,
S. R. Zatsepin, etc., 12 pp.
RUSSIAN, per, Eksper Khir i Anesteziol,
Vol VI, No 5, Sep/Oct 1961, pp 3-10.

JPRS 12646

Scientific
Medicine (Contd)

The Use of Kapron Cloth in Liver Resection-
ing in Experiment, by A. F. Oberfel'd, 9 pp.
RUSSIAN, per, Eksper Khir i Anesteziol,
Vol VI, No 5, Sep/Oct 1961, pp 44-48.

JPRS 12646

An Instrument for the Clinical Study of
Pupillary Orientation and Photoreaction
and the Motion of the Human Eyeball and
Eyelid, by A. Ye. Liberman, 6 pp.
RUSSIAN, per, Fiz Zhur, Vol VII, No 6,
1961, pp 846-848.

JPRS 12596

Some Results of Research on the Higher
Nervous Activity of Man, by
O. F. Makarchenko, A. Z. Kolchins'ka,
8 pp.
RUSSIAN, per, Fiziol Zhur Ak Nauk
Ukrayins'koy RSR, Vol VII, No 4,
1961, pp 443-449.

JPRS 12869

New Sanitary Regulations of Work With
Radioactive Substances and Sources of
Ionizing Radiations No 333-60 and
"Regulations of Transportation of
Radioactive Substances" No 349-60,
by P. I. Moiseytsev, 12 pp.
RUSSIAN, per, Gig i San, No 10, 1961,
pp 50-57.

JPRS 12823

Changes in the Blood Serum Protein
Fractions Under the Effect of Tempera-
ture Drops and Their Hygienic
Significance, by L. A. Dobrovol'skiy,
(NY-7021).
RUSSIAN, per, Gig Truda i Professional
Zabol, Vol VI, No 3, 1962, pp 19-26.

*JPRS

The Condition of the Gastric Secretion
of Workers in Hot Shops, by
V. A. Sukhanova, (NY-7021).
RUSSIAN, per, Gig Truda i Professional
Zabol, Vol VI, No 3, 1962, pp 55-57.

*JPRS

Scientific
Medicine (Contd)

Blood Heparinization During Experimental
Surgical Operations Using NIIEKhAII
System Heart Lung Apparatus, by
L. V. Potashov, Z. Ya. Degtyareva,
et al, (NY-7027).
RUSSIAN, per, Grudnaya Khirurgiya,
Vol IV, No 1, 1962, pp 12-18.

*JPRS

The Surgical Treatment of Superior Vena
Cava Syndrome, by E. P. Dumpe, (NY-7027).
RUSSIAN, per, Grudnaya Khirurgiya,
Vol IV, No 1, 1962, pp 52-58.

*JPRS

XII Scientific Session of the Institute
of Therapy of the Acad Med Sci USSR, by
G. Ye. Perchikova, 11 pp.
RUSSIAN, per, Kardiologiya, No 3,
1961, pp 88-92.

JPRS 12794

Selected Articles From the Russian
Periodical Khirurgiya, Vol XXXVII,
No 11, 1961.

JPRS 12557

Reanimatology and Its Problems, by
V. A. Negovskiy, 13 pp.

Proceedings of the 1732d Meeting of
the Surgical Society of Moscow and
Moskovskaya Oblast.

Proceedings of the 1733rd Meeting
of the Surgical Society of Moscow
and Moskovskaya Oblast.

The Problem of Reanimation (Restora-
tion of Vital Functions of the
Organism), by B. V. Petrovskiy,
12 pp.

Scientific
Medicine (Contd)

Selected Articles From the Russian
Periodical Klin Med.

Vol XXXVII, No 6, 1956.
Ballistocardiography and Its
Importance in the Clinic, by
V. V. Parin, 18 pp, (pp 12-24).

JPRS 12713

The Study of Vascular Tone by
Digital Plethysmography During
Peridural Anesthesia, Operations
and Traumatic Shock, by
L. D. Karpilovskiy, 10 pp,
(pp 57-65).

No 7, 1956, pp 70-77.
Use of Sodium Amytal in Coronary
Atherosclerosis, by L. A. Myasnikov,
7 pp.

NIH 1-4-62

Vol XXXIX, No 10, 1961, pp 126-134.
Psychopharmacological Compounds, by
A. V. Snezhnevskiy, 15 pp.

JPRS 12410

Vol XXXIX, No 11, 1961, pp 43-56.
Two Additional Cases of Acute
Radiation Sickness in Man, by
G. D. Baysogolov, A. K. Gus'kova,
29 pp.

JPRS 13022

Vol XL, No 1, 1962. (NY-7019).
Clinical Aspects of Sport Medicine
in the USSR, by S. P. Letunov,
(pp 5-14).

*JPRS

The Use of Polyglucin in the Treat-
ment of Patients With Edemas, by
A. A. Bagdasarov, P. M. Al'perin,
V. Ye. Krupyanko, T. V. Polushina,
(pp 91-93).

Scientific
Medicine (Contd)

The Use of Metals in Surgery, by
Ye. N. Bolkhovitinova, V. G. Shakhmatov,
5 pp.

RUSSIAN, per, Med Prom SSSR, No 6,
1961, pp 7-11.

JPRS 12507

The Exhibition of New Works of the
All-Union Scientific Research Insti-
tute for Medical Instruments and
Equipment, by B. V. Boldyrev, 3 pp.
RUSSIAN, per, Med Prom SSSR, No 6,
1961, pp 60, 61.

JPRS 12507

The Awarding of Diplomas, Medals and
Valuable Presents of the Participants
of the Exhibition of the Achievements
of the National Economy of the USSR,
4 pp.

RUSSIAN, per, Med Prom SSR, No 6, 1961,
pp 62-64.

JPRS 12507

Candidates for Acting Members of the
Academy of Medical Sciences USSR, 7 pp.
RUSSIAN, per, Medit Rabot, No 4,
Jan 1962, p 4.

JPRS 12888

Medicine and Mathematics, by Ya. Khurgin,
5 pp.

RUSSIAN, np, Medit Rabot, 23 Jan 1962,
p 3.

JPRS 12880

Pressing Problems of the Prevention
and Control of Certain Occupational
Diseases in Uzbekistan, by K. S. Zairov,
L. B. Shrayber, 10 pp.
RUSSIAN, per, Med Zhur Uzbek, No 7,
1961, pp 3-9.

JPRS 12733

Biotron of Professor Panchenko, by
Polina Seval'neva, 6 pp.
RUSSIAN, per, Nauka i Zhizn', No 12,
1961, pp 10-13.

JPRS 12918

Scientific
Medicine (Contd)

The Use of Biactive Electrodes in Gastro-
Esophagojejunosodenoplasty, by
Yu. T. Komorovskiy, S. M. Shamrayevskiy,
9 pp.
RUSSIAN, per, Novyy Khir Arkhiv, No 11,
1961, pp 51-57.

JPRS 12886

Hernia Alloplasty With Capron, by
Ye. M. Borovyy, (NY-7011).
RUSSIAN, per, Novyy Khir Arkh, No 1,
1962, pp 61-63.

*JPRS

Methods of Electrophysiological Research,
by M. B. Tsuker, 26 pp.
RUSSIAN, per, Osnovy Nevropatolog
Detskogo Vozrasta, 1961, pp 196-218.

JPRS 12851

Concerning the Epidemiology of Trans-
missible Diseases of Wild Animals
Affecting Man. Complexes of Combined
Natural and Intrapopulation Foci, by
V. N. Beklemishev, 9 pp.
RUSSIAN, per, Parazit i Parazitarniye
Bolezni, Vol XXX, No 4, 1961,
pp 389-394.

JPRS 12598

The Changes in the Blood and Urine of
Animals Suffering From Tick Paralysis,
by V. N. Kusov, Z. K. Pospelova,
V. M. Peteshev, 15 pp.
RUSSIAN, per, Parazity Zhivotnykh i
Prirodnaya Ochagovost' Bolezney,
Trudy Inst Zool, Ak Nauk Kazakh SSR,
Vol XII, 1960, pp 227-235. 9097010

NIH 1-34-62

Scientific
Medicine (Contd)

Selected Articles From the Russian
Periodical Patol Fiz i Eksper
Terapiya.

Vol V, No 2, 1961, pp 78-82.

JPRS 12740

First International Congress on the
Study of Burn Sickness, by
N. A. Fedorov, 9 pp.

Vol V, No 3, May/Jun 1961, pp 86-91.

JPRS 12878

Basic Problems of Transplantation
of Tissues and Organs, by P. M. Chepov,
15 pp.

Vol VI, No 1, 1962, (NY-7028).

*JPRS

The Effect of General Chilling and
Hybernation of the Restoration of
Vital Functions of Animals Subjected
to Clinical Death Resulting From
Acute Blood Loss, by V. I. Soboleva,
(pp 28-33).

The Problem of the Mechanism of
Hemopoietic Changes Following
Thermal Burns, by V. S. Barkaya,
(pp 37-42).

The Condition of Raised Non-Specific
Resistance of Animals During Muscular
Training and Training Simultaneous
With Dibazole Treatment, by
V. Ya. Rusin, (pp 49-53).

New Possibilities for Raising the
Heat Resistance of an Organism, In
the Light of Experimental Data, by
F. T. Agarkov, (pp 70-73).

The Secretary Function of the Pancreas
During Radiation Sickness, by
K. V. Smirnov, M. F. Nesterin,
(pp 73-76).

Scientific
Medicine (Contd)

Selected Articles From the Russian
Periodical Patol Fiz i Eksper
Terapiya. (Contd)

Vol VI, No 1, 1962, (NY-7028).
Characteristics of Reactions and
Resistance to Additional Influences
During Various Periods of Burn
Sickness, by Ye. V. Gubler,
V. M. Pinchuk, et al, (pp 77-82).

*JPRS

Hydrophilic Skin Test During
Experimental Hyperergic Inflamma-
tion in Rabbits, by M. Ye. Agrinskiy,
(pp 83, 84).

Electrophoretic Study of Antiburn Sera,
by M. Z. Rudnitskaya, S. V. Skurkovich,
(pp 84, 85).

The Use of Copper-Iontophoresis in the
Treatment of Inflammatory Processes of
the Lungs and Respiratory Tract of
Children, by M. I. Botvinnikova, 7 pp.
RUSSIAN, per, Pediatriya, Vol XL, No 12,
1961, pp 8-11.

JPRS 13011

International Symposium on Silicosis in
Bulgaria, by Khr. Khadzhilov, 9 pp.
RUSSIAN, per, Priroda, Vol X, No 2,
Mar/Apr 1961, pp 100-102.

JPRS 12608

The Problem of Hypothalamico-Hypophyseal
Disorders From the Effect of Ionizing
Radiation, by N. P. Smirnova, 8 pp.
RUSSIAN, per, Problemy Endokrin i
Gormonoterapii, Vol VII, No 6,
Nov/Dec 1961, pp 15-19.

JPRS 12726

The Effect of the Somatotropic Hormone
of the Hypophysis on the Protein Composi-
tion of Blood Serum and the Inflammatory
Process in Irradiated Animals, by
E. R. Bagramyan, 6 pp.
RUSSIAN, per, Problemy Endokrin i
Gormonoterapii, Vol VII, No 6,
Nov/Dec 1961, pp 43-46.

JPRS 12726

Scientific
Medicine (Contd)

Reception in Endocrine Glands, by
P. M. Kaplan, 21 pp.
RUSSIAN, per, Problemy Endokrin i
Gormonoterapii, Vol VII, No 6,
Nov/Dec 1961, pp 105-114.

JPRS 12726

Infectious Lymphocytosis in Adults
With Minimal Symptomatology, by
V. A. Andreyev, 3 pp.
RUSSIAN, per, Sovet Med, Vol XXII,
No 7, 1958, pp 133-314.

NIH 1-47-62

The Alkaline Phosphatase Content of
the Blood in Women During Pregnancy,
Labour and the Puerperium During
the Polar Winter, by E. B. Rozentul.
RUSSIAN, per, Sovet Med, No 7, 1960,
pp 119-123.

NLL RTS 1941

The Effect of Ascorbic Acid and
Vitamin A On the Development of
Experimental Cholesterol Atherosclerosis,
by I. A. Myasnikova, 7 pp.
RUSSIAN, per, Trudy Ak Medit Nauk
SSSR, No 20, 1952, pp 103-107.
9097012

NIH 1-23-62

Scientific
Medicine (Contd)

Selected Articles From the Russian
Periodical Trudy Vses Inst Eksper Vet.

Vol XXIII, 1959.

All-Union Institute of Experimental
Veterinary Medicine During the
40 Years of the Existence of the
Soviet Regime, by F. A. Terent'yev,
V. E. Shchurevskiy, (pp 29-48).
9097343

USDA Tr-V-1764

From the Past of the Veterinary-
Bacteriological Laboratory of the
Ministry of Internal Affairs by
S. N. Vyshellesskiy, (pp 49-58).
9098003

USDA Tr-V-1766

Results of Development of Zoo
Hygiene During 40 Years and
Its Subsequent Problems, by
N. M. Komarov, (pp 160-174).
9098004

USDA Tr-V-1767

Vol XXIV, 1961, pp 53-61.
Experimental Infection of Pigs
With the Virus of African Swine
Fever, by Ya. R. Kovalenko,
et al.

*USDA

The Viability of Pasteurellae Suspended
in Air, by V. S. Yarnykh, 14 pp.
RUSSIAN, per, Trudy Vses Nauch-Issled
Institut Veterinarii i Ektoparazitolog,
No 12, 1957, pp 196-210.

JPRS 12897

A Report on the 4th All-Union Convention
of Urologists, by G. I. Gol'din, 7 pp.
RUSSIAN, per, Urologiya, Vol XXV, No 6,
1961.

JPRS 13006

Scientific
Medicine (Contd)

Philosophical Problems of the Teaching
of Form-Development and Theory of
Hereditary Information, by

V. A. Dragavtsev, 20 pp.

RUSSIAN, per, Uspekhi Sovrem Biol,
Vol LII, No 3, 1961, pp 347-361.

JPRS 12751

Selected Articles From the Russian
Periodical Vest Ak Med Nauk SSSR.

No 4, 1954, pp 29-34. 9084906
The Effect of Antibiotics on the
Growth of Malignant Tumors, by
G. F. Gauze, 9 pp.

NIH 1-35-62

Vol XVI, No 10, 1961.

Discussion of Reports at the General
Meeting of the Department of Hygiene,
Microbiology and Epidemiology, 10 pp,
(pp 62-67).

JPRS 12975

Psychopharmacological Agents of the
Stimulant Type, by M. D. Maskovskiy,
18 pp, (pp 68-78).

JPRS 12767

Psychopharmacologic Agents of the
Depressant Type, by Yu. I. Vikhlyayev,
B. I. Lyubimov, 5 pp, (pp 78-82).

JPRS 12767

Psychopharmacology and Psychiatry, by
A. V. Snezhnevskiy, 7 pp, (pp 82-86).

JPRS 12767

No 11, 1961, pp 75-79.

JPRS 12520

Activities of the Bureau of the
Department of Clinical Medicine of
the Academy of Medical Sciences USSR
in 1960, by V. Kh. Vasilenko,
I. P. Novikov, 19 pp.

Vol XVI, No 12, 1961.

JPRS 13129

Vital Problems in the Organization of
Scientific Research in Medicine, by
E. I. Atakhanov, 6 pp, (pp 87-89).

Scientific Contacts with Foreign
Scientists, by N. Medvedev, 3 pp,
(pp 90, 91).

Scientific
Medicine (Contd)

Selected Articles From the Russian
Periodical Vest Khirurgii imeni
I. I. Grekova.

Vol LXXXVII, No 11, 1961.

The Use of Television Methods in
Medicine, by R. Ye. Bykov, 13 pp,
(pp 11-16).

JPRS 12848

Surgical Polygraph PGN-01, A New
Device for Control of Physiological
Processes During Operations, by
L. G. Terekhova, A. A. Eman, 18 pp,
(pp 16-24).

JPRS 12849

Experience With the Use of Extra-
corporeal Circulation in Experimental
Open-Heart Surgery, by F. V. Balyuzek,
Yu. N. Shanin, M. I. Burmistrov,
15 pp, (pp 24-30).

JPRS 12850

The Use of a Flow-Through Oxygenometer
Type PO-01 in an Artificial Blood
Circulation System, by L. F. Sochivko,
N. V. Volodina, V. M. Poletayeva,
6 pp, (pp 38-40).

JPRS 12859

Decubitus Ulcer of the Small Intestine
From a Tube Introduced to Feed the
Patient After a Gastrectomy, by
A. N. Burtsev, 4 pp, (pp 111, 112).

JPRS 12835

Vol LXXXVII, No 12, 1961.

Biological (Pathomorphological)
Characteristics of Bone Homotrans-
plants Preserved in Paraffin, by
P. V. Sipovskiy, 9 pp, (pp 17-22).

JPRS 12727

The Fate of Transplanted Heterogenous
Cartilages, by G. M. Yegiyanyan,
A. M. Igitkhanyan, 7 pp, (pp 22-26).

Scientific
Medicine (Contd)

Selected Articles From the Russian
Periodical Vest Khirurgii imeni
I. I. Grekova. (Contd)

Vol LXXXVII, No 12, 1961.

JPRS 12727

The Fate of Auto- and Homo-grafts
of the Skin Transplanted to Burn
Wounds in Children, by
Ye. N. Yaroshevskaya, 15 pp,
(pp 27-36).

Early Prevention of a Traumatic
Shock, by K. A. Gerbut, 6 pp,
(pp 77-81).

Vol LXXXVIII, No 1, 1962, pp 84-89,
(NY-7010).

*JPRS

Experience in the Surgical Treatment
of Chemical Burns, by A. I. Legkopudova.

Selected Articles From the Russian
Periodical Vest Oftal'mol.

Vol VII, No 5, 1961, pp 65-67,
(NY-7013).

*JPRS

Primary Symptoms and Classification of
Cataract, by N. A. Vishnevskiy,
V. M. Abdullayeva, Ye. A. Ivanova,
et al.

Vol LXXIV, No 6, 1961, (NY-7018).
Passov's Operation and Its Modifica-
tion (Sector Conjunctivotomy) in
Chemical and Thermal Burns of the
Eye, by B. L. Polyak, (pp 32-36).

*JPRS

The Effect of Radiant Energy on the
Refracting Media of the Eye and
Problems of Protecting Them, by
G. G. Kanbay, (pp 41-47).

Riboflavin and Ascorbic Acid Content
in the Cornea Following Eye Burns,
by L. I. Blinova, L. M. Tsypin,
A. I. Sheynberg, (pp 48-53).

Scientific
Medicine (Contd)

Selected Articles From the Russian
Periodical Veterinariya.

Vol XXXVIII, No 9, 1960.

JPRS 12875

For High Standards in Veterinary
Science, by R. M. Alekhin, 11 pp,
(pp 12-16).

On Fermentators for Biomycin Prepara-
tions, by A. Ya. Chertkov, 4 pp,
(pp 76, 77).

On Luminescent Microscopy in
Microbiology, by P. I. Pritulin,
15 pp, (pp 78-81).

Use of the Indirect Method of
Fluorescent Antibodies in the
Diagnosis of Lymphocytic Chorio-
meningitis, by P. I. Remezov,
K. A. Topleninova, 11 pp,
(pp 84-86).

About the Soviet Union, 18 pp,
(pp 92-96).

Vol XXXVIII, No 10, 1961.

JPRS 12971

On the Disease of Stachybotrys
Toxicosis in Horned Cattle, by
I. G. Levenberg, L. I. Ivantsov,
M. P. Prostakov, 5 pp, (pp 38-41).

Stachybotrys Toxicosis in Cattle,
by I. A. Kurmanov, 5 pp, (pp 41-44).

Combined Therapy in Experimental
Meliodosis, by L. Ye. Khundanov,
Ye. N. Kuptsevich, Ye. K. Demidova,
et al, 4 pp, (pp 55-57).

Scientific
Medicine (Contd)

The 14th Practical Scientific Conventions
of the Staff Doctors of the Crimean Group
of Sanatoria of the Ministry of Defense
USSR, by B. Nikol'skiy, 4 pp.

RUSSIAN, per, Voprosy Kurortolog Fiz i
Lechebnoy Fiz Kul'tury, Vol XXVI, No 6,
1961.

JPRS 13006

General Features and Specific Properties
of Bio-electric Changes in the Brain Under
the Influence of Various Barbiturates, by
I. S. Robiner, 10 pp.

RUSSIAN, per, Voprosy Psikhiiatrii, No 3,
1959, pp 407-416.

JPRS 12972

Results of a Comparative Study of the
Morphology of the Synaptic Apparatus
Under Normal Conditions, During
Depancreatization and During Catatonia,
by V. N. Russkikh, V. V. Russkikh,
9 pp.

RUSSIAN, per, Voprosy Psikhiiatrii, No 3,
1959, pp 417-436.

JPRS 12972

Selected Articles From the Russian
Periodical Voprosy Psikhologii.

Liveright Publishing
Corp. New York

No 5, 1951, pp 108-130.

Typological Properties of the Nervous
System and Their Psychological Mani-
festations, by B. M. Teplov, 31 pp.

No 1, 1957.

Learning as a Problem in Psychology,
by A. N. Leont'yev, 20 pp, (pp 3-17).

Formation of Elementary Geometrical
Concepts and Their Dependence on
Directed Participation by the Pupils,
by P. Ya. Gal'perin, N. F. Talyzina,
26 pp, (pp 28-44).

Scientific
Medicine (Contd)

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

Liveright Publishing
Corp, New York

No 2, 1957, pp 53-67.
The Dynamics of "Transfer" of Condi-
tioned Reflex Connections From One
Signal System to the Other, by
V. S. Merlin, 19 pp.

No 4, 1957, pp 53-69.
Individual Differences in the Strength
and Sensitivity of Both Visual and
Auditory Analysers, by V. D. Nebylitsyn,
23 pp.

No 5, 1957, pp 91-107.
Studies on Thought and Speech Problems
by Psychologists of the Georgian SSR,
by R. G. Natadze, 23 pp.

No 6, 1957, pp 3-19.
The Genesis of Voluntary Movements, by
A. R. Luria, 20 pp.

No 4, 1958, pp 42-52.
The Nature of the Content Illusion, by
I. T. Bzhalava, 13 pp.

Significance of Changes Originating in an
Irradiated Aqueous Medium During the
Process of Injuring Cells by Ionizing
Radiation, by E. Ya. Grayevskiy,
A. I. Shul'mina, 11 pp.
RUSSIAN, per, Voprosy Tsitol i Obshch
Fiz, 1960, pp 80-85.

JPRS 12921

Cytochemical Signs of Radiobiological
Reactivity of the Nervous System and
Their Functional Significance, by
A. L. Shabadash, 22 pp.
RUSSIAN, per, Voprosy Tsitol i Obshch
Fiz, 1960, pp 368-381.

JPRS 12921

Scientific
Medicine (Contd)

Selected Articles From the Russian
Periodical Vrachebnoye Delo.

- No 8, 1961. JPRS 13006
Twenty-First Scientific Session of
the Ukrainian Scientific Research
Psychoneurological Institute, by
A. L. Abashev-Konstantinovskiy, 5 pp.
- No 10, 1961, pp 22-26. JPRS 12918
On the Characteristics of the Aero-
microflora of Biotron Wards, by
L. V. Grigor'yeva, S. L. Gertsriken,
6 pp.
- No 11, 1961. JPRS 12917
Results and Tasks of the Control of
Infectious Diseases in the Ukraine,
by P. D. Leshchenko, N. F. Kompantsev,
Yu. Ye. Birkovskiy, 6 pp, (pp 3-7).
- On Methods of Studying the Basic
Qualitative Indexes of the Activity
of Sanitary Aviation Stations of
the Ukraine, by S. K. Kostenko,
M. I. Donigevich, 7 pp, (pp 123-127). JPRS 12824
- Scientific-Practical Conferences as a
Form of Sharing New Achievements of
Medical Institutions, by V. F. Shpinev,
6 pp, (pp 151-154). JPRS 12890
- International Conference on Problems of
Eliminating Parasitic and Infectious
Diseases, by A. I. Shchurenkova, 8 pp.
RUSSIAN, per, Zdravookhraneniye Tadzhik,
No 6(-44), Nov/Dec 1961, pp 43-47. JPRS 12976
- Interrepublican Conference of Ophtahl-
mologists, 8 pp.
RUSSIAN, per, Zdravookhraneniye
Turkmenistana, No 3 (26), May/Jun 1961,
pp 50-52. JPRS 12919

Scientific
Medicine (Contd)

Reaction and Allergic Reaction in
Persons Revaccinated Against Tularemia,
by V. V. Slesarenko, S. G. Buyalo.
RUSSIAN, per, Zhur Mikrobiol Epidemiol
i Immunobiol, 1956, pp 44-48.

*ACSI I-0918
ID 2191512

Aerosols Immunization With Dry Living
Vaccines and Toxoids, Communication
No 7, on the Organization, Method and
Technique of Massive Aerosol Immuniza-
tion of Man With Pulverized Vaccines,
by N. I. Aleksandrov, et al.
RUSSIAN, per, Zhur Mikrobiol, Epidemiol
i Immunobiol, No 9, 1961, pp 3-7.

*USDA

Selected Articles From the Russian
Periodical Zhur Nevropatol i Psikh
imeni S. S. Korsakova.

Vol LVII, No 1, 1957, pp 15-22 (DC-6683).
Some Characteristics of the Structural
Formation of Higher Branches of the
Central Nervous System and Their
Physiological Significance, by
S. A. Sarkisov, (DC-6683).

*JPRS

Vol LXI, No 11, 1961.
Gnostic and Haptic Emotions, by
A. N. Shogam, 7 pp.

JPRS 12432

Results of the Scientific Conference
on the Problem "Structure and Func-
tion of the Nervous System," by
T. S. Naumova, I. A. Stankevich, 7 pp,
(pp 1735-.)

Clinical Lectures on the Psychiatry of
Childhood, by G. E. Sukhareva,
S. Mnukhin, D. Ozeretskovskiy,
3 pp, (pp 1744-1746).

Scientific
Medicine (Contd)

Selected Articles From the Russian
Periodical Zhur Nevropatol i Psikh
imeni S. S. Korsakova. (Contd)

Vol LXI, No 12, 1961, pp 1828-1834.
An Appraisal of the Mechanism of
the Therapeutic Action of Some
Psychotropic Substances in the
Experimental Study of Conditioned
Reflexes, by A. Yus, 9 pp.

JPRS 12974

Vol LXII, No 2, 1962, pp 178-182.
(NY-7023).
The Effect of Imizine on the Bio-
electric Activity of the Brain,
by M. D. Mashkovskiy, R. Yu. Il'yuchenok,
et al.

*JPRS

Programmed Electronic Device for the
Automation of Experiments for Elaborat-
ing Temporary Connections, by
M. Yu. Ul'yanov, N. M. Kobayakov,
3 pp.
RUSSIAN, per, Zhurnal Vysshey Nervnoy
Deyatel'nosti, Vol XI, No 6, 1961,
pp 1134-1136.

JPRS 12898

The "Medicine and Engineering" Combine,
by B. Zubkov, Ye. Muslin, 8 pp.
RUSSIAN, per, Znaniye i Sila, No 1,
1962, pp 14-17.

JPRS 12952

Galen on Anatomical Procedures: The
Later Books, 279 pp.
ARABIC, bk.

Cambridge Un Press

Nonvirulent Strains of Aujeszky Virus
Obtained by Passage Through Pigeons,
by V. Toneva, 4 pp.
BULGARIAN, per, Dokladi Bolgarskoy
Akademii Nauk, Vol XIV, No 2, 1961,
pp 167-190.

JPRS 12607

Scientific
Medicine (Contd)

The Third National Conference of the
Scientific Pharmaceutical Societies
of Bulgaria, 7 pp.

BULGARIAN, per, Farmatsiya, Vol XI,
No 5, 1961, pp 3-5.

JPRS 13105

Selected Articles From the Bulgarian
Periodical Khigiena.

Vol IV, No 2, Mar/Apr 1961, pp 21-24.
A Water-Borne Typhoid Fever Epidemic
in Bulgaria, by G. Avdzhiev, R. Koen,
G. Futokov, 8 pp.

JPRS 13114

Vol IV, No 3, May/Jun 1961, pp 57-62.
Basic Outlines of the Work of the
Scientific Research Institute of
Epidemiology and Microbiology in
Bulgaria, by Vl. Kalaydzhev, 13 pp.

JPRS 12945

No 4, Jul/Aug 1961.
Resistance of Flexner and Sonne
Dysentery Bacteria to Antibiotics
and Sulfathiazol in Vitro, by
Z. A. Zakhariev, 5 pp, (pp 31-33).

JPRS 12676

Human Kidney Tissue Cultures for
Virologic Research, by G. Mitov,
N. Ninov, 6 pp, (pp 47-51).

JPRS 12677

General Account of Scientific Technique
on the Prevention and Therapeutics of
the Five Principal Parasitic Diseases
in Our Country, by Ch'ien Hsin Chung,
113 pp.

CHINESE, bk, Tsung Chieh Chun Chung Hsin
te Hsueh Shu Ching Yen, Wei Shun su
Hsiao Mieh wu t'a Chi Sheng Ch-ung
Ping Erh Hsun Tou, 1959, pp 99, 100-194.

319th MI Bn
H-8076 A-B
ID 2158067

Medical Personnel of Some Hospitals in
Vojvodina, Yugoslavia, 6 pp.

CROATIAN, per, Medicinski Pregled,
Vol XIV, No 3, 1961, p 135.

JPRS 12609

Scientific
Medicine (Contd)

Epidemiological Aspects in Cancer
Campaign, by J. Kmet, 14 pp.
CROATIAN, per, Zdravstveni Vestnik,
Vol XXVIII, No 6/7, 1959, pp 193-197.

NIH 1-37-62

Infectious Lymphocytosis, by M. Pattova,
4 pp.
CZECH, per, Ceskoslovenska Pediatrie,
Vol X, No 4, 1955, pp 274-277.

NIH 1-48-62

Fetal Hepatitis With Perinatal Death
in Four Siblings, by W. Kiaer, M. Olesen,
8 pp.
DANISH, per, Ugeskrift for Læger,
Vol CXVIII, No 30, 1956, pp 868-872.

NIH 1-49-62

Studies on Bacterial Aerosols and
Preparation of Aerosols, by
E. H. Houwink, W. Rolvink.
DUTCH, bk, Medisch Biologisch
Laboratorium der Rijksverdediging-
sorganistie TNO, 1954, 52 pp.

*ACSI I-1007
ID 2191528

Typical and Atypical Degeneration of
the Retina in Families, by
K. T. A. Halbertsma.
DUTCH, per, Nederlandsch Tijdschrift
voor Geneeskunde, Vol LXXII, 1928,
pp 5205-5220.

*AEC

Independent Pressure Rise in the Lesser
Blood Circulation (Essential Pulmonary
Hypertension), by W. Sipila, E. Taipale,
P. E. Heikel, et al, 3 pp.
FINNISH, per, Duodecim, Vol LXIX, 1953,
pp 631-643.

NIH 1-59-62

On the Effect of Tobacco on Blood
Circulation, and the Experiences of
Alienation Cures for Smokers, by
T. Kumlin, 8 pp.
FINNISH, per, Duodecim, Vol LXXV,
No 1, 1959, pp 1-9.

NIH 1-45-62

Scientific
Medicine (Contd)

Glandular Tumors of the Ear, by
J. Leroux-Robert, A. Ennuyer, 4 pp.
FRENCH, bk, Les Tumeurs Malignes de
l'Oreille, 1957, pp 170-173.

NIH 1-54-62

Acute Infectious Lymphocytosis, by
J. Casman-Govaerts, 5 pp.
FRENCH, per, Act Clin Belg, Vol IX,
No 4, 1954, pp 347-352.

NIH 1-21-62

Chemical Characterization of Urinary
Gonadotropins, by R. van den Driessche,
M. J. Hans, 2 pp.
FRENCH, per, Ann d'Endocrinologie,
Vol XIII, No 3, 1952, pp 485, 486.

NIH 1-15-62

Incorporation of Endogenous and
Exogenous Amino Acids in Yeast
Proteins, by H. O. Halvorson,
G. N. Cohen, 7 pp.
FRENCH, Ann Inst Pasteur, Vol XCV,
No 1, 1958, pp 73-87.

NIH 1-1-62

Anti-Cancer Therapy by Means of Artificial
Radioactive Isotopes Applied Entirely,
by J. H. Muller, 10 pp.
FRENCH, per, Bruxelles - Medical, Vol XLI,
No 4, 1961, pp 101-115.

NIH 1-6-62

Optical and Electronic Microscopy Study
of the "Immunologically Competent Cells"
in the Course of Grafting Reactions, by
Jacques-Louis Binet, Georges Mathe.
FRENCH, per, Comptes Rendus, Vol CCLIII,
23 Oct 1961, pp 1852, 1853.

*AEC

Comparative Study of the Radiosensitivities
of Normal Tissues and Crown-gall Tissues
of *Scorzonera* Cultivated in Vitro, by
R. Jonard, 2 pp.
FRENCH, per, Comptes Rendus Acad Sci,
Vol CCXLVIII, 1959, pp 2807. 2808.

NIH 1-2-62

Scientific
Medicine (Contd)

Histoautoradiographic Study of Tritiated
Thymidine Incorporation in Cells Treated
With Trihydroxy-N-Methylindole, by
M. Chevremont, E. Baeckeland, 3 pp.
FRENCH, per, Comptes Rendus Acad Sci,
Vol CCLI, 1960, pp 1097-1099.

NIH 1-18-62

A Hematological Test for Cancer
Diagnosis (Preliminary Article), by
G. di Virgilio, F. Infante, 5 pp.
FRENCH, Medicine et Hygiene, Vol DVI,
1961, p 466.

NIH 1-3-62

About a Case of Mixed Tumors of the
Uterine Body, by G. Cotte, J. F. Martin,
Cl. Mileff, 9 pp.
FRENCH, per, Revue Francaise de
Gynecologie et d-Obstetrique, Vol XXXVII,
1942, pp 51-61.

NIH 1-52-62

Breaking the Tobacco Habit, by
H. Kaufmann, L. Bensimon, 3 pp.
FRENCH, per, Vie Med, Vol XLI, 1960,
pp 1139, 1140.

NIH 1-11-62

Fifty Years of Catalase Research. Chemical
Results and Biological Problems, by
H. von Euler, 17 pp.
GERMAN, bk, Festschrift Prof. Dr Arthur Stroll
aum Seibzigsten Geburtstag, 8 Jan 1957,
Birkhauser, Basel, 1957, pp 603-619.

NIH 1-20-62

Pathologico-Anatomic Investigations on
Amyloid Kidneys in the Light of Recent
Research Results, by E. Muller.
GERMAN, Dissertation, Wurzburg, 1955.

NIH 1-57-62

On the Population Genetics of the
ABO-Blood Groups. Second Report.
Gene Frequency and Epidemic Diseases,
by F. Vogel, H. J. Pettenkofer,
W. Helmbold, 22 pp.
GERMAN, per, Acta Genetica et Statistica
Medica, Vol X, No 4, 1960, pp 267-294.

NIH 1-44-62

Scientific
Medicine (Contd)

Experimental Studies on the Effect of
Rare Earths on the Functions and
Anatomy of the Liver, by F. Fischler,
K. W. Roeckl, 22 pp.

GERMAN, per, Arch Exptl Pathol und
Pharmakol, Vol CLXXXIX, 1938, pp 4-21.

AEC Tr-4640

On the Accuracy of Measuring the Con-
centration of Virus Solutions, by
Rolf J. Lorenz, 7 pp.

GERMAN, per, Archiv fur die Gesamte
Virusforschung, No 5, 1960, pp 551-559.

ACSI I-0772
ID 2186174

Examination Concerning the Dosage and
the Concentration of Virus Titrations,
by Rolf J. Lorenz, 12 pp.

GERMAN, per, Archiv fur die Gesamte
Virusforschung, No 5, 1960, pp 560-577.

ACSI I-0771
ID 2186173

Studies on Cornification of Mucous
Membrane (Pachyderma Mucosae), by
C. Posner, 17 pp.

GERMAN, per, Archiv fuer Pathologische
Anatomie und Physiologie und fuer
Klinische Medizin, Vol CXVIII, No 3,
1889, pp 391-413.

NIH 1-42-62

Medical Supervision of Persons Occupa-
tionally Exposed to Radiation, by
I. Danczkay, H. J. Melching, 19 pp.
GERMAN, per, Atomkernenergie, Vol VII,
No 3, 1961, pp 117-122. 9097020

AEC NP Tr-818

Rapid Analysis of Blood Cells Formed
by Means of a New Automatic Counter
(Contribution to the Early Diagnosis
of Radiation Damage, Particularly
With Nuclear Catastrophes): Report I,
by K. Damming, E. H. Gaul, 14 pp.

GERMAN, per, Atompraxis, Vol IV, 1958,
pp 375-381. 9095547

AEC Tr-4861

Scientific
Medicine (Contd)

The Influence of Incorporated Radio-isotopes on the Peripheral Blood Picture and Its Diagnostic Significance, by K. Damminger, E. H. Graul, 9 pp.
GERMAN, per, Atompraxis, Vol V, 1959, pp 421-425. 9095545

AEC Tr-4859

Behavior of Formed Blood Components Under Prolonged Irradiation, by E. H. Graul, K. Damminger, 9 pp.
GERMAN, per, Atompraxis, Vol VII, 1960, pp 357-361. 9095546

AEC Tr-4860

Menstruation Disturbance in Catatonic Schizophrenic Psychoses, by H. Froshaug, 4 pp.
GERMAN, per, Confinia Neurologica, Vol XVIII, 1958, pp 167-171.

NIH 1-41-62

Evidence of Viruses and Virus Antigens With the Aid of Fluorescence - Marked Antibodies, by G. Poetschke, 52 pp.
GERMAN, per, Fortschritte der Medizinischen Virologie, Vol III, 1961, pp 79-157.

ACSI I-0920
ID 2191513

The Current-Voltage Characteristic of the Excitable Membrane of a Single Ranvier's Node and Its Dependence on the Ion Concentration, by R. Stampfli, 13 pp.
GERMAN, per, Helv Physiol Acta, Vol XVI, No 2, 1958, pp 127-145.

NIH 1-40-62

Blood Sugar Reduction by Means of Bean Pods, by E. Otto.
GERMAN, per, Hippokrates, Vol IX, No 51, 1938, pp 1317-1325.

CSIRO

Morphological Antigen-Antibody Localization With Fluorescent Antibodies in Interstieller Pneumonia, by Roland Gadeke, 6 pp.
GERMAN, per, Kinderheilkunde, 1960, pp 152-156.

ACSI I-0850
ID 2186192

Scientific
Medicine (Contd)

On the Excretion of Bromosulfthalein
in the Bile of Normal Patients and
Patients With Hepatitis, by H. Wernze,
H. Schmidt, 3 pp.

GERMAN, per, Klinische Wochenschrift,
Vol XXXIX, 1961, pp 924, 925.

NIH 1-61-62

Critical Considerations Concerning the
Value of the SLAD and SALD Determination
for the Diagnosis of Carcinoma, by
J. Rehn, H. E. Kohnlein, 5 pp.

GERMAN, per, Med Welt, No 16, 1960,
pp 841-843.

NIH 1-38-62

Pathogenesis and Etiology of Acute
Infectious Lymphocytosis, by
H. J. Burgstedt, 14 pp.

GERMAN, per, Monatsch fuer Kinderheilkunde,
Vol CIII, No 9, 1955, pp 401-407.

NIH 1-46-62

Adenoma of the Ceruminal Glands of the
External Auditory Meatus, by W. Sprenger,
F. Prietzel, 5 pp.

GERMAN, per, Monatschr fuer Ohrenheilk,
Vol LXXIII, 1939, pp 722-725.

NIH 1-60-62

Infectious Diseases of Animals in the
GDR, Summary Charts, 9 pp.

GERMAN, per, Monatshefte fuer
Veterinaermedizin, Vol XVI, 1961.

JPRS 13059

Concerning a Case of Adenomyoma
Sarcomatosum, by Bauereisen, 2 pp.

GERMAN, per, Munch Med Wochenschr,
Vol LI, 1904, pp 1321, 1322.

NIH 1-51-62

Operative Technique for Closure of
Retinal Pores (Holes) at the Posterior
Pole of the Eye With Special Emphasis
on Holes in the Macula, by
A. Bangerter, 4 pp.

GERMAN, per, Ophthalmologica, Vol C,
1940, pp 351-354.

NIH 1-50-62

Scientific
Medicine (Contd)

Contributions to the Study of the Vegetative Nervous System III, the Influence of the Vestibular Apparatus on the Vascular System, by E. A. Spiegel. GERMAN, per, Phfuenger's Archiv fuer die Gesamte Physiologie des Menschen und der Tiere, Vol CXCVI, 1922, pp 185-199.

CSIRO

A Special Form of Idiopathic Hypertrophy of the Esophagus, by H. Lummert, 16 pp. GERMAN, per, Thoraxchirurgie, Vol VIII, 1960, pp 436-450.

NIH 1-56-62

Damage From Nicotine Consumption and Breaking the Tobacco Habit, by J. Tuba, F. Jost, 13 pp. GERMAN, per, Wien Med Wschr, Vol CX, No 40, 1960, pp 819-823.

NIH 1-13-62

The Structure of the Cheeks Including the Inner Lining as Compared to That of the Lips, by S. Schumacher, 30 pp. GERMAN, per, Z fuer die Gesamte Anatomie, Vol LXXIII, 1924, pp 247-276.

NIH 1-36-62

Two Cases of Adenoma of the Sebaceous Glands at the External Ear, by C. Klingel, 4 pp. GERMAN, per, Z fuer Ohrenheilkunde, Vol XXI, 1891, pp 189-192.

NIH 1-53-62

The Importance of Q-Fever as a Zoonosis, by U. Reusse, 35 pp. GERMAN, per, Z fuer Tropenmed und Parasitol, Vol XI, No 2, 1960, pp 223-262.

NIH 1-10-62

Hematology Conference in Hungary, 12 pp. HUNGARIAN, per, Orvosi Hetilap, Vol CII, No 48, 26 Nov 1961, pp 2300-2302.

JPRS 12675

Scientific
Medicine (Contd)

Sensitivity to Phenylthiocarbamide (P.T.C.) in Simians (Data Collected in the Italian Zoos), by B. Chiarelli, 6 pp.
ITALIAN, bk, Archivio per l'Antropologia e la Etnologia, Vol LXXXIX, 1959.

NIH 1-32-62

Incidence of Vertebral Column Changes in Traveling Personnel of a Transport Company, by E. Barbaso, 4 pp.
ITALIAN, rpt, Sull'incidenza Delle Alterazioni Della Colonna Vertebrale nel Personale Viaggiante di una Azienda Auto Tramviaria, Oct 1958, pp 630-634.

ACSI I-0828
ID 2186183

Fluorescent Antibodies in Laboratory Diagnosis (Principles of the Techniques), by D. d'Antona, E. Mannucci, 12 pp.
ITALIAN, per, Annali Sclavo, Vol III, No 1, 1961, pp 37-48.

NIH 1-5-62

Data on P.T.A. (Phenylthio-Carbamide) Sensitivity in Primates, by B. Chiarelli, 3 pp.
ITALIAN, per, Atti A.G.I., Vol V, 1960, pp 275-280.

NIH 1-24-62

Cranial Nerves, by G. Ovio, 3 pp.
ITALIAN, per, Dalle Origini al 1850, Vol I, 1950, pp 263, 264.

NIH 1-58-62

Studies in Antiviral Chemotherapy. Note 1. Results With the Use of 6-Mercaptopurine, Aminopterin, Triethylene-Melamine, and Thio-Semicarbazone and Experimental Infection With Smallpox Vaccine Virus in the Rabbit, by P. Cocchi, 10 pp.
ITALIAN, per, Rivista di Clinica Pediatrica, Vol LVII, 1957, pp 238-249.

NIH 1-7-62

Scientific
Medicine (Contd)

Further Observations on the Relationship Between Chromosome Arrangement and Resistance to DDT in Anopheles Atroparvus, by G. D'Alessandro, G. Frizzi, M. Mariani, 5 pp.
ITALIAN, per, Rivista di Parassit, Vol XIX, No 1, 1958, pp 67-72.

NIH 1-17-62

Studies on Lysine Fermentation. Report No 2. α , ϵ -Diaminopimelic Acid and Its Decarboxylase in Lysine-Producing Strains and Parent Strain, by K. Nakayama, S. Kinoshita, 7 pp.
JAPANESE, per, Nihon Nogeikagaku Kaishi, Vol XXXV, No 2, 1961, pp 110-113.

NIH 1-8-62

Studies on Lysine Fermentation. Report No 3. α , ϵ -Diaminopimelic Acid Accumulation and Diaminopimelic Acid Decarboxylase, by K. Nakayama, S. Kinoshita, 13 pp.
JAPANESE, per, Nihon Nogeikagaku Kaishi, Vol XXXV, No 2, 1961, pp 113-118.

NIH 1-9-62

Polyneuroradiculitis Showing the Guillain-Barre Syndrome, by E. Hamamoto, 38 pp.
JAPANESE, per, Nihon Shonikagakukai Zasshi, Vol LX, No 8, 1956, pp 661-681.

NIH 1-39-62

The Health of Persons Exposed to the Effect of High Frequency Electromagnetic Fields, by Leopold Minecki, 8 pp.
POLISH, per, Medycyna Pracy, Vol XII, No 4, 1961, pp 329-335. 9664289

FTD-TT-61-380/1

Histopathological Changes in the Internal Organs of Mice Exposed to the Effect of Microwaves (S-Band), by Leopold Minecki, Ryszard Bilski, 6 pp.
POLISH, per, Medycyna Pracy, Vol XII, No 4, 1961, pp 337-344. 9664289

FTD-TT-61-380/1

Scientific
Medicine (Contd)

A Personal Interpretation of the
Etiology of Periodical Diseases, by
E. Febbraro, 14 pp.
SPANISH, per, Cooperador Dental,
Vol XXVI, No 154, 1959, pp 6-10
Vol XXVII, No 155, 1959, pp 1-3.

NIH 1-28-62

Urinary Incontinence Secondary to
Epispadias in a Female, Treated
With the Marshall Marchetti Technique,
by R. Lopex Engelking, T. Palomo,
9 pp.
SPANISH, per, Gaceta Medica de Mexico,
Vol LXXXIX, 1959, pp 753-765.

NIH 1-55-62

Epidemic Virus Otitis Media, by
M. Cascales, 8 pp.
SPANISH, per, La Samana Medica
(Buenos Aires), Vol CVIII, No 14,
1956, pp 446-449.

NIH 1-31-62

Physiopathology of the Pregnant
Woman Who Smokes, by G. Rodriguez Lopez,
23 pp.
SPANISH, per, Rev Esp Obst Ginec, Vol XIX,
1960, pp 230-248.

NIH 1-12-62

Contributions to the Casuistics of the
Neuroanemic Syndrome, by J. M. Morales,
D. Barcia, E. Amat, 6 pp.
SPANISH, per, Rev Espan Oto-Neuro-
Oftalmol y Neurocir, No 18, 1959,
pp 381-385.

NIH 1-33-62

Problems of Posture and Body Movement
During Work, by A. Ahlivark, 6 pp.
SWEDISH, per, Nord Hyg Tidskr, 1954,
pp 136-139.

ACSI I-0831
ID 2186185

Medical Activities, 5 pp.
VIETNAMESE, per, Y Hoc Viet Nam, No 1,
1961, pp 96-98.

JPRS 12426

Scientific
Minerals/Metals

Improvement of the Quality of Steel by Vacuum Treatment of the Liquid Metal and Casting in a Protective Atmosphere, by L. M. Novik.

RUSSIAN, bk, The Application of Vacuum to Steel-Melting Processes, Chap III, 1957, pp 34-.

NLL M.3404

The Influence of Added Elements on the Polymorphism of Iron as a Function of Their Position in the Periodic System, by V. N. Svetchnikoff.

RUSSIAN, Paper at the Scientific-Technical Conference of the Dniepropetrovsk Institute of Metallurgy on 12 Jun 1935.

NLL M.3398

Lectures on Physical Metallurgy, Equipment, and the Process of Metal Heat Treatment; The Physical Metallurgy of Heat-Resistant Alloys, by M. L. Bernshteyn.

RUSSIAN, bk, Kurs Lektsiy po Metallovedeniyu, Oborudovaniyu i Tekhnologii Termicheskoy Obrabotki Metallov; Metallovedeniye Zharoprochnykh Splavov, Moskovskiy Institut Stali, Moscow, pp 40-50.

*FTD-TT-62-273

Deep Cooling When Deep-Drawing Parts From Heat-Resistant Metal Sheets, by V. N. Revinov.

RUSSIAN, bk, Obrabotka Zharoprochnykh Splavov, 1960, pp 53-58.

BISI 2552

Effect of Mandrel and Roll Shape on the Basic Parameters of the Piercing Process, by V. S. Smirnov, M. F. Nevizhin.

RUSSIAN, bk, Stal' Sbornik Statei, 1961, pp 316-334.

*BISI 2726

Scientific
Minerals/Metals (Contd)

Changes in the Fine Structure of
Mineral Coals in Various Stages of
Metamorphism, by V. I. Kasatochkin,
et al.

RUSSIAN, per, Dok Ak Nauk SSSR,
Vol LXXIX, No 2, 1951, pp 315-318.

CSIRO

Investigation of the Heterogeneity
of Ingots for Special Steel Plate, by
V. A. Molotkov, S. G. Fetisov.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved,
Chern Metal, No 9, 1961, pp 59-70.

BISI 2604

The Formation of Oxide Inclusions
in Steel Deoxidized With Aluminium,
by P. M. Danilov.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved,
Chern Metal, No 12, 1961, pp 54-60.

*BISI 2686

Flotation of Coal in the Presence of
Large Quantities of Argillaceous
Slurry, by V. I. Klassen, V. A. Nevskaya.
RUSSIAN, per, Koks i Khim, No 3,
1958, pp 15-18.

ILL M.4042

The Effect of the Heat Treatment
Conditions on the Anisotropy of the
Mechanical Properties of Forged Steels,
by V. N. Trubin, I. Ya. Chernikova.

RUSSIAN, per, Kuznechno-Shtampovochnoye
Proiz, Vol III, No 5, 1961, pp 5-9.

*BISI 2673

Determination of the Coefficient of
Friction From the Hardness Distribution
in the Plastic Zone, by P. A. Ivanov.

RUSSIAN, per, Kuznechno-Shtampovochnoye
Proiz, Vol III, No 5, 1961, p 10.

*BISI 2674

Non-Oxidizing Heating of Billets in a
Reverberatory Furnace With Final Combustion
of the Products of Incomplete
Combustion in the Furnace Chamber, by
A. V. Pugovkin.

RUSSIAN, per, Kuznechno-Shtampovochnoye
Proiz, Vol III, No 5, 1961, pp 34-36.

*BISI 2656

Scientific
Minerals/Metals (Contd)

The Structure and Distribution of
Secondary Phases in Stainless
Austenitic Steels, by V. Chigal,
Ya. Yezhek.

RUSSIAN, per, Metall i Term Obrab
Metall, No 8, 1960, pp 17-19.

NLL M.4010

Long-Time Rupture of Austenitic Steels,
by I. H. Laguntsov, V. F. Zlepko.

RUSSIAN, per, Metall i Term Obrab
Metall, No 2, 1961, pp 24-47.

NLL M.3391

On the Role of the Properties of Crystals
and the Superstructures of Grain in the
Strength of Metals, by G. V. Kurdyumov,
M. D. Perkas.

RUSSIAN, per, Metall i Term Obrab
Metall, No 9, 1961, pp 33-43.

*FTD-TT-62-272

The Effect of Mould Design on Crack
Formation in Continuously Cast Billets,
by V. P. Druzhinin, D. P. Evtyev,
B. H. Katomin.

RUSSIAN, per, Metallurg, No 12, 1961,
pp 12-15.

*BISI 2654

Soviet Abstracts Journal, Mining, 137 pp.
RUSSIAN, per, Referativnyy Zhurnal,
Gornoye Delo, No 4/11, 1961.

JPRS 12854

Soviet Abstracts Journal, Metallurgy,
34 pp.

RUSSIAN, per, Referativnyy Zhurnal,
Metallurgiya, No 5, 6, 7, 8, 9.

JPRS 12797

The Structure of Aluminium Alloys With
Mg and Sn, by T. A. Badayeva, R. I. Kuznetsova.

RUSSIAN, per, Trudy Inst Metall Ak Nauk,
No 3, 1958, pp 203-215.

OT 4679

Preparation of Uranium Sesicarbide and
Uranium Dicarbide, by A. Accary,
J. Trouve.

FRENCH, per, Commissariat l'Energie
Atomique Centre d'Etudes Nucleaires de
Saclay, No 11, 1960, DM-942.

*AEC

Scientific
Minerals/Metals (Contd)

Energy of Activation of the Reaction
and Specificity of Active Metallic
Ion of the Catalyst, by A. Goudot.
FRENCH, per, Comptes Rendus, Vol CCXL,
1955, pp 975-977.

CSIRO

Metallography - Study of Self-Diffusion
of Uranium in the Alpha Phase, by
Yves Adda, Alexis Kirianenko,
Claude Mairy, 4 pp.
FRENCH, per, Comptes Rendus, 17 Jul 1961,
p 4457. 9097013

AEC HW Tr-30

Metallurgy - Statistical Arrangements,
by M. Marc Salesse.
FRENCH, per, Comptes Rendus des Seances
de l'Academie des Sciences, Vol CCLIII,
25 Sep 1961, pp 1331-1333.

*AEC

Non-Destructive Technique for Electron
Micrography and Microfractography.
Application to the Examination of
Massive Components, by P. A. Jaquet,
et al.
FRENCH, per, Memoires Scientifiques de
la Revue de Metallurgie, Vol LVII,
No 4, 1960, pp 241-253.

*BISI 2634

X-Ray Fluorescence Analysis in
Metallurgy, by H. Bisouard, G. Pomey.
FRENCH, per, Metaux Corrosion Industries,
Vol XXXIV, Jul-Aug 1959, pp 302-315.

BISI 2592

Selected Articles From the French
Periodical Revue Metallurgie Memories
Scientifiques.

Vol LVII, Apr 1960, pp 241-253.
Non-Destructive Technique for Electron
Micrography and Microfractography
Application to the Examination of
Massive Components, by P. A. Jaquet,
E. Moncarelli.

*BISI 2634

Scientific
Minerals/Metals (Contd)

Selected Articles From the French
Periodical Revue Metallurgie Memories
Scientifiques. (Contd)

Vol LVIII, Jun 1961, pp 401-413.
Surface Tension of Liquid Iron and
Its Alloys. Part I, by
P. Kozakevitch, G. Urbain.

BISI 2609

Vol LVIII, Jul 1961, pp 481-495.
The Direct Analysis of Sulphur,
Phosphorous, Carbon and Silicon in
Steels by Emission Spectrometry in
the Far Ultra-Violet, by J. Romand,
C. Bachet, R. Berneron.

*BISI 2602

Vol LVIII, Dec 1961, pp 901-914.
Contribution to the Study of the
Effect of Nickel (up to 9%) on the
Mechanical Properties of Steels at
Low Temperature, by M. Kron, et al.

*BISI 2690

Problems of Welding Titanium and Other
Chemically Active Metals, by S. M. Gurevich,
14 pp.

GERMAN, rpt, Fragen des Schweissens von
Titan und Anderer Chemisch Aktiver Metalle,
Presented at the 2nd International
Colloquium on Weldability & Welding
Metallurgy Held at Weimar, Germany,
2-3 Mar 1961, 15 pp. 9675788

FTD-TT-61-251

Determination of Twin Stacking Fault
Density in Cubic Phase Centred Metals,
by M. Wilkens.

GERMAN, per, Acta Crystallographica,
Vol XV, Part 2, 10 Feb 1962, pp 161-166.

*BISI 2684

The Importance of Dislocations at the
Crystal Boundaries of Tempered Martensite
for the Mechanism of 'Temper Brittleness',
by A. Masin.

GERMAN, per, Acta Metallurgica, Vol VII,
Mar 1959, pp 226-228.

*BISI 2655

Scientific
Minerals/Metals (Contd)

Selected Articles From the German
Periodical Archiv fuer Eisenhütten-
wesen.

Vol XXVII, No 7, 1956, pp 475-486.
Electrochemical Investigations on
the Effect of Roll and Heat Scale on
the Corrosion of Steel and on the
Process of Pickling, by F. Wever.

CSIRO

Vol XXXI, 1960, pp 121-128.
The Influence of Annealing Condi-
tions and Alloy Composition on the
Internal Oxidation of Iron Alloys,
by H. Schenck, E. Schmidtman,
H. Muller.

*BISI 2675

Vol XXXII, May 1961, pp 331-336.
A Simple Method for Recording Stress-
Strain Curves of Steel at Room
Temperature, by M. Reihle.

*BISI 2633

Vol XXXII, 1961.
The Exchange Effect of Al, V and N
in Aluminium-Killed Weldable
Structural Steels Alloyed With V
and N and Containing About 0.2% C and
1.5% Mn, by P. Konig, W. Scholz,
H. Ulmer, (pp 541-556).

BISI 2501

Equilibrium of the Solubility of
Hydrogen in Molten Pure Nickel and
Iron and the Influence Brought
About by Oxygen in the Iron, by
H. Schenck, Wunsch, (p 779).

*BISI 2668

Indication of Quality Characteristics
of Low-C Steels by Damping Measurements,
by W. Koster, (pp 809-822).

*BISI 2685

The Influence of Chromium, Molybdenum,
Tungsten and Vanadium on the Properties
of Steels Containing 0.3% Carbon, by
K. Bungardt, O. Mulders, G. Lennartz,
(pp 823-841).

*BISI 2677

Scientific
Minerals/Metals (Contd)

Oxygen Refining of Unalloyed and Alloyed Steels in a Basic Arc Furnace, by R. Plessing.

GERMAN, per, Berg- und Huttenmanische Monatshefte, No 9, 1961, pp 341-351.

*BISI 2631

Texture and Loss Problems in Silicon Iron, by D. Ganz.

GERMAN, per, Berichte der Arb Ferro, pp 59-65.

*BISI 2676

Passivity and Corrosion of Metals, by J. J. Muller.

GERMAN, per, Kolloid Zeitschrift, Vol LXXXVI, 1939.

CSIRO

The Influence of Superheating of the Melt on the Structure and Tensile Properties of Alloyed Constructional Steel, by A. Scholberl, R. Mitsche.

GERMAN, per, Stahl und Eisen, Vol LVIII, May 1938, pp 546-549.

*BISI 2688

Behavior of Steels With 11-20 Per Cent Chromium After Long-Time Heating in

475⁰ C Embrittlement Range, by Ewald Baerlecken, H. Frabritius.

GERMAN, per, Stahl und Eisen, Vol LXXVIII, 1958, pp 1389-1395.

*AEC UCRL Tr-700(L)

Tests Carried Out by Using Increased Cutting Speeds on Drawn as Well as on Subsequently Normalised Bars Made of O.H. Steels With Different Contents of Carbon and Lead, by A. Schepers, E. von Blumenstein.

GERMAN, per, Stahl und Eisen, Vol LXXXI, No 18, 31 Aug 1961, p 180.

*BISI 2642

Synthetics - New Raw Materials - New Processes, by A. H. Henning, 11 pp.

GERMAN, per, VDI Zeitschrift, No 12, 103, 1961.

ACSI I-0745
ID 2106160

Scientific
Minerals/Metals (Contd)

A Rapid Complexometric Method for the Determination of Zinc in Copper Alloys, by R. Leo, L. Tauscher. GERMAN, per, Wissenschaftliche Z der Hochschule fur Schwermaschinenbau, Vol XI, Oct 1958, pp 219-223.

BISI 2506

The Electrical Resistance of Metallic Melts, Part VI, by Albert Roll, N. K. Anantha Swamy, 29 pp. GERMAN, per, Z fuer Metallkunde, Vol LII, No 2, 1961, pp 111-120.

Navy Tr 3114/NRL 886

The Preparation of Iron Ores With Particular Regard to the Mineralogical and Petrographic Structure, by W. K. Finn. ITALIAN, per, la Metallurgia Italia, Vol LI, Sep 1959, pp 407-417.

BISI 1977

Direct Spectrophotometric Analysis of Aluminum in Steel, by G. Picasso. ITALIAN, per, la Metallurgia Italia, Vol LIII, May 1961, pp 269-273, 276.

BISI 2527

Report on the Use of Dolomite as an Additive to Naphtha in the "Emilia" Thermo-Electric Power Station, by F. Cremonesi, G. Maranzana, P. Sturla. ITALIAN, per, La Termotecnica, Vol XIV, No 6, 1960, pp 275-280.

Dept of Interior
TN7 E57 No 469

Determination of Moisture in Coal by the Karl Fischer Method, by Jataru Funasaka. JAPANESE, per, Kooru Taaru, Vol V, 1953, pp 51-52.

Dept of Interior
TN7 E57 No 467

Scientific
Minerals/Metals (Contd)

X-Ray Study of Sulfurized Layers on Steel, by A. Kathrein, Gh. Suceveanu. RUMANIAN, per, Studii si Cercetari de Metalurgie, Vol VI, No 2, 1961, pp 171-183.

HB 5429

Accuracy of Sampling of Ores With High Martite of Hydrohematite and Martite Content, for Different Percentages of Core-Sample Recovery, by S. N. Dokukin. UNKNOWN.

ILL M.4051

Scientific
Nuclear Physics

On K-Meson Hyperon Resonance, by
A. I. Baz, V. G. Vaks, A. I. Larkin.
RUSSIAN, paper, Ordena Lenina Institut
Atomnoi Energii, Ak Nauk SSSR, 1962.

*AEC

Selected Articles From the Russian
Report Conference Proceedings, Copenhagen,
6-17 Sep 1960, Radioisotopes in the
Physical Sciences and Industry, 1962.

*AEC

Use of Nuclear Physical Methods in
Prospecting and Working Oil and Gas
Deposits, by G. N. Flerov, 4 pp,
(pp 117-122).

Measurement of Coefficients of Cation
Self-Diffusion in Silicate Melts by
Means of Radioisotopes Na^{24} , K^{42} and
 Ca^{45} , by V. I. Malkin, B. M. Mogutnov,
10 pp, (pp 168-178).

Diffusion, Recrystallination and Phase
Transformations, by S. Z. Bokshtein,
M. A. Gubareva, et al, 14 pp,
(pp 193-206).

The Determination of the Thermo-
dynamic Activity of Antimony in
Alpha-Iron, by I. A. Tomilin, 8 pp,
(pp 225-233).

Study of the Diffusion and Solubility
of Various Ingredients in Germanium,
by E. G. Miselyuk, V. E. Kosenko,
et al, 8 pp, (pp 287-294).

Radioisotopic Control of Wear on the
Suspension Bearing of Large Turbo-
generators, by Z. Frynta, F. Khol',
V. Lopetskiy, 5 pp, (pp 381-385).

Scientific
Nuclear Physics (Contd)

Concentration of Artificial Radioactive
Isotopes of Groups IV and V by the
Method of Recoil Atoms, by A. N. Murin,
V. D. Nefedov, 6 pp.

RUSSIAN, bk, Primenenie Mechenykh
Atomov v Anal Khim, imeni V. I.
Vernadskogo, 1955, pp 75-78.

AEC UCRL Tr-552(L)

Selected Articles from the Russian
Periodical Atomnaya Energiya.

JPRS 12578

Vol X, Feb 1961.

Measurement of the Radiative Capture
Cross Section of Fast Neutrons, by
 I^{127} , by Yu. Ya. Stavitskiy,
V. A. Tolstikov, V. N. Kononov, 7 pp,
(pp 158-160).

Theory of Effective Cross Sections
of Heavy Nuclei in the Region of
Partial Overlap of Neutron
Resonances, by A. A. Luk'yanov,
V. V. Orlov, 9 pp, (pp 262-264).

Vol X, Mar 1961, pp 264-265.

Fast Neutron Capture Cross Sections
for Niobium, Nickel, and Iron, by
Yu. Ya. Stavitskiy, A. V. Shapar,
5 pp.

Vol X, May 1961.

Radiative Capture Sections of Neutrons
With Energies of 0.03--2 Mev BY Mn^{55} ,
 Cu^{65} , Ba^{138} , and Th^{232} Isotopes, by
Yu. Ya. Stavitskiy, V. A. Tolstikov,
6 pp, (pp 508-511).

Passage of 0.5 and 1.0 Mev Neutrons
Through Water and a Mixture of Water
With Heavy Components, by V. I. Kukhtevich,
B. I. Sinitsyn, 8 pp, (pp 511-513).

Scientific
Nuclear Physics (Contd)

Selected Articles From the Russian
Periodical Atomnaya Energiya. (Contd)

Vol XI, No 4, 1961.
Atomic Science and Technology and
Communist Construction, by
V. S. Yemel'yanov, 19 pp, (pp 301-312).

JPRS 12667

The Interaction of Charged Particle
Beams With Plasmas, by V. I. Kurilko,
I. F. Kharchenko, V. D. Shapiro, 41 pp,
(pp 313-335).

Magnetic Traps With Cusped Fields, by
S. Yu. Luk'yanov, I. M. Todgornyy,
18 pp, (pp 336-344).

The Future of Fast Reactors, by
A. I. Leypunskiy, O. D. Kazachkovskiy,
M. S. Pinkhasik, 21 pp, (pp 370-378).

Some Results and Perspectives of
Isotope and Nuclear Radiation Use in
Industry and Research in the USSR,
by P. L. Gruzin, 29 pp, (pp 379-394).

A Review of Gosatomizdat Books for
1960-1961, 26 pp, (pp 404-415).

Vol XI, No 6, 1961, pp 493-497.
On Interaction of Intense Electron
Beams With Plasma, by A. K. Berezin,
Ya. B. Faynberg, G. P. Berezina,
L. I. Solotin, V. G. Stupak.

*FTD-TT-62-314

Vol XI, Jul 1961, pp 56, 57.
Calculation of Neutron Cross
Sections of Tungsten In the Optical
Model of the Nucleus, by V. A. Tolstikov,
V. Ye. Kolesov, V. S. Stavinskiy, 7 pp.

JPR. 12570

Vol XI, Aug 1961, pp 164, 185.
Magnitude of the Fast Neutron Flux
Determining Radiation Damage of
Materials, by H. N. Ponomarev-Stepnoy,
5 pp.

JPRS 12578

Scientific
Nuclear Physics (Contd)

Selected Articles From the Russian
Periodical Atomnaya Energiya. (Contd)

Vol XI, Sep 1961, pp 251-255.
Spatial Distribution of Fast Fission
Neutrons in Iron, by V. P. Mashkovich,
S. G. Tsypin, 12 pp.

JPRS 12578

Vol XI, Oct 1961.
Elastic Scattering of 15-Mev
Neutrons by Copper, Lead, and U^{238}
Nuclei, by V. Ya. Guzhovskiy, 6 pp,
(pp 395, 396).

JPRS 12578

Measurement of the Cross Section for
the Inelastic Interaction of 13--20
Mev Neutrons With Certain Isotopes,
by Yu. G. Degtyarev, V. G. Nadtochnyy,
4 pp (pp 397, 398).

Inelastic Scattering of 14-Mev Neutrons
of Nuclei of Sodium, Iron, Nickel,
and Lead, by B. I. Sukhanov,
V. G. Rukavishnikov, 4 pp, (pp 398, 399).

Vol XI, Nov 1961.
Cross Sections in Inelastic Inter-
action of Fission-Spectrum Neutrons,
by G. N. Lovchikova, O. A. Sal'nikov,
5 pp, (pp 442-444).

JPRS 12578

Effect of the Resonance Structure of
Cross Sections on the Propagation of
Fast Neutrons in Iron, by M. N. Nikolayev,
V. V. Filippov, I. I. Bondarenko, 8 pp,
(pp 445-447).

Vol XII, No 1, 1962, pp 56, 57.
Study of a Group of Uranium Rods
of the BR-5 Reactor, by A. P. Galkov,
V. I. Ivanov, G. N. Smirenkin.

*FTD-TT-62-376

Scientific
Nuclear Physics (Contd)

The Series Nuclear Magnetometer PM-1,
by A. I. Kudrevskiy, 8 pp.
RUSSIAN, per, Geomagnetizm i Aeronomiya,
Vol I, No 3, May-Jun 1961, pp 436-440.

JPRS 12757

Tables of Phase Volumes, by G. I. Kopylov.
RUSSIAN, per, Joint Inst of Nuclear
Research, Dubna, USSR, Rpt P-777.

*AEC UCRL Tr-798

Resonance High Frequency Discharge in a
Cyclotron, by B. A. Zager, V. G. Tishin.
RUSSIAN, per, Joint Inst for Nuclear
Research, Dubna, Lab of Nuclear Reactions,
1961, Rpt P-811.

*AEC

Eight-Litre Hydrogen-Deuterium Bubble
Chamber in a Magnetic Field, by
T. D. Blokhintseva, A. T. Vasilenko,
V. G. Grebinnik.
RUSSIAN, per, Joint Inst for Nuclear
Research, Dubna, Lab of Nuclear Problems,
Rpt P-848.

*AEC

Method of Time-Duration Change of Inter-
action of a Beam With a Target in a
Synchrofasotrone to 10 Bev, by
G. S. Kazanskiy, A. I. Mikhailov,
K. P. Myznikov.
RUSSIAN, per, Joint Inst for Nuclear
Research, Dubna, Lab of High Energy,
Rpt P-849.

*AEC

Synchronization of the Bubble Chamber
With the Synchrocyclotron, by M. P.
Balandin, V. G. Grebinnik, G. I.
Selivanov.
RUSSIAN, per, Joint Inst for Nuclear
Research, Dubna, Lab of Nuclear Problems,
Rpt P-852.

*AEC

Atomic Energy in the USSR, by
Ya. A. Budagov, P. F. Yermolov,
Ye. A. Kushnirenko, 3 pp.
RUSSIAN, per, Zhur Eksper i Teoret
Fiz, No 6, 1961, pp 1615.

ID 1452590

Scientific
Nuclear Physics (Contd)

Periodic Report on Atomic Energy in
USSR, by P. F. Korotkov, 13 pp.
RUSSIAN, per, Zhur Prik Mekh i Tekh
Fiz, No 3, May-Jun 1961, p 25.

AF 1490816

Five Years of Work at the Joint
Institute of Nuclear Research, by
D. I. Blokhintsev, 29 pp.
CZECH, per, Jaderna Energie, Vol VII,
No 8, 1961, pp 253-264.

JPRS 12812

Annular Cyclotron With Radial Sectors,
by Miroslav Karmasin.
CZECH, per, Jaderna Energie, No 8,
1961, pp 265-271.

*FTD-TT-62-285

Radio-Chemical Reactions in Nuclear
Reactors, by J. Pucheault, M. Lefort,
M. Haissinski, 17 pp.
FRENCH, per, J de Chimie Physique,
Vol XLIX, 1952, pp 286-293. 9095555

AEC Tr-4854

Artificial Radioactivity in Spring
and River Water, by R. May,
H. Schneider, 6 pp.
GERMAN, per, Atomkernenergie, Vol V,
1960, pp 333-335.

UKAEA
Risley, DEG Inf Ser-275

Organic Substances as Reactor Moderators,
by I. Kiss, I. Kosa-Somogyi, I. Szabo.
GERMAN, per, Atomkernenergie, No 12,
1961, pp 905-912.

*FTD-TT-62-439

The Peaceful Use of Nuclear Bombs in
Civil Engineering, by Th. Ginsburg,
41 pp.
GERMAN, np, Neue Zurcher Zeitung,
No 176, 29 Jun 1961, pp 18-21. 9084355

AEC UCRL Tr-717(L)

Fission Product Diffusion and Self
Diffusion in High Temperature Nuclear
Fuels, by Roland Lindner, Hans J. Matzka,
Franz Schmitz.
GERMAN, per, Z Elektrochem, Vol LXIV,
1960, pp 1042-1045.

*AEC

Scientific
Nuclear Physics (Contd)

On Molecular and Atom Volumes 25¹;
on Space Requirements of Crystallized
Organic Substances at Low Temperatures,
by W. Blitz, et al.

GERMAN, per, Z fuer Physikalische
Chemie, Vol CLI, 1930, pp 13-55.

CSIRO

Research at the Krakow Nuclear Physics
~~Institute~~, by Henryk Niewodniczanski,
21 pp.

POLISH, per, Nauka Polska, Vol IX,
No 4 (36), Oct-Dec 1961, pp 123-138.

JPRS 12916

Nuclear Energy in Explosive Mining
Works, by K. K. Ponomarev.

POLISH, per, Przeglad Gorniczy,
Vol XVII, 1961, pp 209-214.

*AEC UCRL Tr-768(L)

High Energy Propellants, 3 pp.
POLISH, per, Skrzydlata Polska,
17 Dec 1961, OAIRA, Warsaw.

ID 1499560

Scientific
Physics

Propagation of Electromagnetic
Waves in Plasma, by V. L. Ginzburg,
900 pp.
RUSSIAN, bk.

Gordon & Breach

Photoproduction and Scattering of
 π -Mesons, by N. F. Nelipa, 100 pp.
RUSSIAN, bk.

Gordon & Breach

Studies in the Field of Surface Forces;
Collection of Reports of the Conference
on Surface Forces, Held in April 1960.
RUSSIAN, bk, Issledovaniya v Oblasti
Poverkhnostnykh Sil; Sbornik Dokladov na
Konferentsii po Poverkhnostnym Silam,
April' 1960 g; Izd-vo AN SSSR, 1961,
pp 11-16, 48-54, 83-88, 197-219, 222-231.

*FTD-TT 62-429

Calculation of the Total Reaction Rate
and the Velocity of Flame Propagation
in Gas Mixture, by O. A. Tsukhanova.
RUSSIAN, bk, Issledovaniya Protssessov Goren-
iya. AN SSSR, Energeticheskiy Institut
imeni G. M. Krzhizhanovskogo, Sbornik
Statey po Rabotam Vypolennym v Energet-
icheskom Institute, 1958, pp 81-90.

*FTD-TT-62-270

Methods of Analysis by Flame Photo-
metry, by N. S. Poluektov.
RUSSIAN, bk, Metody Analiza po
Fotometrii Plameni, 1959, 230 pp.

CB

Migration of Energy, by V. N. Tarusov,
13 pp.
RUSSIAN, bk, Osnovy Biofiziki i
Biofizicheskoy Khim, Part I, 1960,
pp 26-39.

JPRS 12602

Activities in Biophysics and Cyberne-
tics, 6 pp.
RUSSIAN, bk, Problemy Kibernetiki,
No 6, 1961, pp 298-302.

JPRS 12610

Scientific
Physics (Contd)

Radiation Protection - Handbook, by
L. A. Tiunov, Vasil'ev, et al, 172 pp.
RUSSIAN, bk, Protivoluchevye Sredstva,
1961.

*AEC

Some Problems in the Physics of Metal
Failure, Chapter V, by P. O. Pashkov,
67 pp.
RUSSIAN, bk, Razryv Metallov, 1960,
pp 135-184. 9675790

FTD-TT-61-285

The Effect of Inert Gases on the
Oxidation Process in a Field of Ultrasonic
Waves, by I. E. El'piner, A. V. Sokol'skaya,
20 pp.
RUSSIAN, bk, Rol'perekisey i Kisloroda
v Nachal'nykh Stadiakh Radiobiologicheskogo
Effekta, 1960, pp 105-115.

JPRS 12465

Selected Articles From the Russian
Paper Tezisy Dokladov i Soobshcheniy
na Soveshchaniy po Teplo i Massoobmenu,
Minsk, 5/9 Jun 1961, AN Belorusskoy SSR.

The Aerodynamics of Rarefied Gases,
and Heat-Transfer Problems, by
A. S. Predvoditelev, 18 pp. 9675784

FTD-TT-62-54

Convection Heat Transfer in a Vor-
tex Flow Under Pressure, by
G. N. Delyagin, 14 pp. 9664287

FTD-TT-62-58

The Influence of Channel Geometry
on Critical Thermal Loads With
Forced Flow of Water, by
B. A. Zenkevich, O. V. Remizov,
V. I. Subbotin, 13 pp. 9664295

FTD-TT-62-62

The Law of Resistance in the Turbu-
lent Flow of a Compressible Gas,
and a Method for Calculating Friction
and Heat Transfer, by S. S. Kutateladze,
A. I. Leont'yev, 17 pp. 9675783

FTD-TT-62-63

Scientific
Physics (Contd)

Selected Articles From the Russian
Paper Tezisy Dokladov i Soobshcheniy
na Soveshchaniy po Teplo i Massoobmenu,
Minsk, 5/9 Jun 1961, AN Belorusskoy SSR.
(Contd)

Heat Problems of the Boundary Layer
With Heterogeneous and Diffusion Burning,
by L. Yu. Artyukh, L. A. Vulis,
V. P. Kashkarov, 16 pp. 9675782

FTD-TT-62-64

Mass and Energy Transfer, by P. K.
Konakov, 10 pp. 9675781

FTD-TT-62-65

The Thermal Conductivity of a Fluidized
Bed, by A. K. Bondareva, O. M. Todes,
10 pp. 9675780

FTD-TT-62-66

The Theory of Phase Conversions in
a Vacuum, by K. P. Shumskiy, 13 pp.
9675779

FTD-TT-62-67

A Method of Determining the Thermo-
physical Constants of Materials at
High Temperatures, by G. N. Tret'yachenko,
L. V. Kravchuk, 14 pp. 9675860

FTD-TT-62-68

A Method for Studying Heat Transfer
in an Intermittent Gasdynamic Process,
by Yu. A. Polyakov, Ye. A. Mit'kina,
14 pp. 9675863

FTD-TT-62-69

On Accoustic Phenomena During Spin
Detonations, by R. I. Soloukhin,
M. Ye. Topchiyan.
RUSSIAN, bk, v Sbornik 3-a Vses Sovesh-
chaniye po Teorii Goreniya T.I.; Moscow,
1960, pp 169-174.

*FTD-TT-62-320

Ignition in a Flow, by S. A. Gol'denberg.
RUSSIAN, bk, v Sbornik 3-e Vses Sovesh-
chaniye po Teorii Goreniya, Vol II,
1960, pp 228-237.

*FTD-TT-62-419

Scientific
Physics (Contd)

Questions of Physics of the Atmosphere,
by N. S. Shishkin, 140 pp.
RUSSIAN, bk, Voprosy Fiziki Atmosfery.

Amer Meteorol Soc

Problems of Heat Transfer, by
M. A. Mikheyev.
RUSSIAN, bk, Voprosy Teploobmena,
1959, 246 pp.

AEC Tr-4511

Tables for Calculation of Thickness of
Glass for Shielding From a Broad Beam
of Gamma-Rays, by L. M. Mikhaylov,
Z. S. Aref'yeva.
RUSSIAN, per, Atom Energ, Vol XII,
No 1, 1962, pp 58-62.

*FTD-TT-62-416

Pontryagin's Maximality Principle and
Optimal Rocket Thrust Programming,
by V. K. Isayev, 22 pp.
RUSSIAN, per, Avtomatika i Telemekh,
Vol XXII, No 8, 1961, pp 986-1001.

JPRS 12528

Addendum to the Paper "L.S. Pontryagin's
Maximum Principle and Optimum Program-
ming of Rocket Thrust, 3 pp.
RUSSIAN, per, Avtomatika i Telemekhanika,
Vol XXIII, No 1, 1962, p 127.

JPRS 12528

Selected Articles From the Russian
Periodical Dok Ak Nauk SSSR.

Vol CXXXVI, No 5, 1961, pp 1142-1145.
9664291

FTD-TT-61-348

Stability of Detonation Waves in a
Gaseous Mixture, by R. M. Zaydel,
8 pp.

Vol CXL, No 1, Sep 1961, pp 77-80.
Similarity Type Relativistic Mo-
tions in a Case of Point Symmetry,
by K. P. Stanyukovich, 7 pp.

JPRS 12787

Scientific
Physics (Contd)

Selected Articles From the Russian
Periodical Dok Ak Nauk SSSR, (Contd)

Vol CXL, No 4, 1961, pp 942-945.
Light Absorption of Deoxyribonucleic
Acid Solution Orientated in an Electric
Field, by G. A. Dvorkin, V. I. Krinskiy,
8 pp.

JPRS 12370

Vol CXLI, No 1, 1961.
Emission of Positive Molecular Ions
From Hot Surface in a Vacuum, by
E. Ya. Zandberg, I. I. Ionov.

*FTD-TT-62-297

Vol CXLI, No 2, 1961, pp 330-333.
On a Stabilized Flow of a Conducting
Fluid in a Rectangular Tube Having
Two Conducting and Two Nonconducting
Walls and Placed in an External Magnetic
Field, by G. A. Grinberg.

*FTD-TT-62-298

On the Problem of Determining the Shape
of a Shock Wave When Thin Bodies Are
Streamlined by Gas, by A. M. Antonov,
M. M. Sidlyar.

RUSSIAN, per, Dopovidi Ak Nauk Ukrayinskoyi
RSR, No 12, 1961, pp 1556-1560.

*FTD-TT-62-299

The Collision Integral for Charged
Particles in a Magnetic Field, by
V. M. Yeleonskiy, V. M. Zyryanov,
V. P. Silin.

RUSSIAN, per, Fiz Metal i Metallov,
Vol XI, No 6, 1961, pp 955-957.

*FTD-TT-62-378

Scientific
Physics (Contd)

Selected Articles From the Russian
Periodical Inzhenerno-Fiz Zhur.

Vol I, No 10, 1958, pp 29-37.

Determination of the Thermal Coefficients
of Friable and Solid Substances by the
Method of Plane Thermal Waves, by
E. M. Kravchuk, 13 pp.

Navy Tr 3113/NRL 885

Vol II, No 5, 1959, pp 28-35.

Crystalline Fracture as a Criterion
of Brittleness of Steels, by P. M. Dontsov
8 pp.

UKAEA
Risley, DEG Inf Ser 107

Vol IV, No 1, 1961. 9675791

The Rates of Chemical Reactions in
Turbulent Flows, by A. S. Predvoditelev,
11 pp, (pp 14-21).

FTD-TT-61-158

Effect of Enthalpy Recovery on the
Surface of a Cylinder Past Which
Flows a High-Velocity Gas Stream,
by Ye. V. Shishov, 10 pp, (pp 37-43).

Vol IV, No 2, 1961.

Heat and Mass Exchange in the Evapora-
tion of a Liquid in a Forced Gas Jet,
by G. T. Sergeyev, (pp 77-81).

*FTD-TT-62-327

The Contemporary State of the Ques-
tion of Heat Exchange in Rarefied Gases,
by A. N. Devoyno, 17 pp, (pp 119-130).
9675853

FTD-TT-61-202

Vol IV, No 3, 1961. 9664292

Calculation of Heat Transfer During
Laminar Flow of a Fluid in Pipes With-
in a Range of Small Peclet Numbers,
by B. S. Petukhov, F. F. Tsvetkov,
11 pp, (pp 10-17).

FTD-TT-61-321

Flow Past a Plate by a Gas Burning
on Its Surface, by L. Yu. Artyukh,
L. A. Vulis, V. P. Kashkarov,
11 pp, (pp 39-45).

Scientific
Physics (Contd)

Selected Articles From the Russian
Periodical Inzhenerno-Fiz Zhur. (Contd)

Vol IV, No 4, 1961, pp 16-24.

9097021

The Calculation of Thermodynamic Functions of a High-Temperature Air/Carbon Mixture, by V. L. Sergeyev, 14 pp.

AEC NP Tr-812

Vol IV, No 5, 1961, pp 33-37.

Study of the External Heat and Mass Transport in the Evaporation of a Liquid From a Capillary-Porous Body, by G. T. Sergeyev.

*FTD-TT-62-329

Vol IV, No 6, 1961.

Resistance and Heat Transfer in a Turbulent Boundary Layer of a Compressed Gas and the Calculation of Friction and Heat Transfer, by S. S. Kutateladze, A. I. Leont'yev, (pp 33-41).

*FTD-TT-62-330

Solution of Various Three-Dimensional Problems of Radiant Heat Transfer by Reducing Them to Two-Dimensional Problems, by I. R. Mikk, I. P. Epik, (pp 90-100).

Vol IV, No 7, 1961, pp 124-136.

First All-Union Conferences on Heat and Mass-Exchange, by I. P. El'perin, 27 pp.

JPRS 12845

Vol IV, No 9, 1961, pp 12-16. 9675775

Method of Investigating Boundary Layer in a Few Type Working Section, by A. M. Mkhitarian, V. S. Maksimov, V. Ya. Fridland, 6 pp.

FTD-TT-61-383

Scientific
Physics (Contd)

Torsion of Anisotropic Prismatic Rods
With a Cross Section in the Form of an
Extended Airfoil Section, by

V. S. Sarkisyan.

RUSSIAN, per, Iz Ak Nauk Armyanskoy SSR,
Ser Fiz-Matemat Nauk, Vol XIV, No 2, 1961,
pp 45-70.

*FTD-TT-62-384

Ionization Losses and the Capture of Slow,
Heavy, Negative Particles, by

I. I. Gol'dman, 9 pp.

RUSSIAN, per, Iz Ak Nauk Armyanskoy SSSR,
Ser Fiz-Matemat Nauk, Vol XIV, No 1, 1961,
pp 79-86. 9664290

FTD-TT-61-350

Evaluating the Critical Load of a Circular,
Coneshaped Shell, by P. Muurseep.

RUSSIAN, per, Iz Ak Nauk Estonskoy SSR,
Ser Fiz-Matemat i Tekh Nauk, No 1, 1961,
pp 28-32.

*FTD-TT-62-372

Selected Articles From the Russian
Periodical Iz Ak Nauk Latvyskoy SSR.

No 1, 1961, pp 59-66. 9664283
The Effect of a Transverse Magnetic
Field on Internal Structure and Hy-
draulic Resistance in Turbulent Flows
of Liquid Metals, by H. Branover,
O. Lielausis, 11 pp.

FTD-TT-61-281

No 2, 1961, pp 89-93.
Generalization of the Fundamentals
of the Theory of Plasticity, by
A. Malmeyster.

*FTD-TT-62-381

No 6 (167), 1961, pp 43-49.
Experimental Study of the Temperature
Dependence of Thermo-emf and of Resist-
ivity of Manganese-Zinc Ferrites, by
S. Varczenya.

*FTD-TT-62-396

No 12 (173), 1961, pp 19-24.
The Region of Applicability of the
Exponential Law in the Determination
of Reliability, by L. Leontyev, 6 pp.

JPRS 13107

Scientific
Physics (Contd)

An Investigation Into the Thermocatalytic Principle of Methane Detection in a Mine Atmosphere, by E. F. Karpov, U. S. Kravchenko.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Metal i Topliv, No 5, 1959, pp 174-178.

NLL M.3276

Testing of Thick-Walled Tubes Under High Short-Duration, Internal Pressures, by P. J. Ogibalov.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, No 9, 1958, pp 134-139.

*ACSI I-0962
ID 2191521

The Dynamics of Continuous Optimizing Control Systems Based on the Gradient Method, by A. A. Krasovskiy, 13 pp.
RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, Energet i Avtomat, No 3, May/Jun 1959, pp 43-49.

JPRS 12984

Selected Articles From the Russian Periodical Iz Ak Nauk SSSR, Otdel Tekh Nauk, Mekh i Mash.

No 3, 1959, pp 133-136. 9097016
Propagation of Unidimensional Waves in Materials With Delayed Yielding, by V. S. Lenskiy, L. N. Fomina, 10 pp.

AEC UCRL Tr-729

No 4, 1960, pp 166, 167.
One Dimensional Flow of an Electrically Conducting Gas With Constant Velocity in a Running Magnetic Field, by Ye. I. Yantovskiy.

*FTD-TT-62-331

No 2, 1961, pp 117-119.
Influence of a Magnetic Field on the Flow of an Electrically Conducting Gas in a Plane Tube in the Presence of Heat Exchange Through the Walls, by E. P. Zimin.

*FTD-TT-62-333

Scientific
Physics (Contd)

Selected Articles From the Russian
Periodical Iz Ak Nauk SSSR, Otdel
Tekh Nauk, Mekh i Mash. (Contd)

No 4, 1961, pp 10-13. 9664308
Homogeneous Plasma Turbulence in
a Strong Magnetic Field, by
M. M. Prudnikov, 8 pp.

FTD-TT-61-93

No 6, 1961, pp 26-32.
On Riemann Waves, by N. V. Saltanov,
V. S. Tklich.

*FTD-TT-62-354

Quantitative Spectral Analysis of
Polymers in the Infra-Red Region, by
V. N. Kikitin.
RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz,
Vol XVII, No 5, 1953, pp 644-648.

CSIRO

Experimental Study of the Possibility
of Producing Multicomponent Electrolumines-
cence Apparatus Using Ferroelectric Ma-
terials, by I. Ya. Lyamichev, I. N. Orlov,
G. G. Pershin, N. I. Taborko.
RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz,
Vol XXV, No 4, 1961, pp 492-500.

*FTD-TT-62-305

The Solution of an Axially Symmetrical
Problem of the Theory of Elasticity by
the Method of Electro-Modelling in the
Case of the Action of Centrifugal Forces
and Temperature Fields, by A. L. Kvitka,
V. A. Agarev, E. S. Umanski.
RUSSIAN, per, Iz Kievsk Politekhn In-ta,
Vol XIX, 1956, pp 455-461.

TIL/T5242

The Motion of a Rocket Along a Three-
Point Curve With Constant Tangential
Acceleration, by I. F. Vereshchagin.
RUSSIAN, per, Iz Vysshikh Ucheb Zaved,
Aviats Tekh, No 2, 1961, pp 35-46.

*FTD-TT-62-477

Scientific
Physics (Contd)

Utilization of Doppler Effect for the Study of Processes in a Gaseous-Discharge Plasma, by E. V. Zagoryanskaya, P. S. Kireyev.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Fiz, No 4, 1961, pp 163-167.

*FTD-TT-62-323

Diamagnetic Properties of Plasma Excited in Argon and Neon, by D. A. Pulin, V. G. Stepanov.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Fiz, No 5, 1961, pp 26-29.

*FTD-TT-62-324

Radioactive Isotopes in the Earth's Crust, by A. K. Lavrukhina, 21 pp.
RUSSIAN, per, Khim Nauka i Prom, Vol IV, 1959, pp 472-478.

AEC Tr-4851

On the Compressibility of Liquids and Solids at Very High Pressures, by P. V. Matorin.

RUSSIAN, per, Nauch Dok Vysshey Shkoly, Fiz-Matemat Nauk, No 3, 1959, pp 141-144.

*AEC UCRL Tr-794(L)

Quantum Radiophysics, by N. G. Basov, A. M. Prokhorov, 16 pp.
RUSSIAN, per, Nov Prob Fiz, Vol IX, No 7, 1961, pp 33-45. 9675772

FTD-TT-61-452

Pulse Source of Multicharge Ions With Magnetic Beam Separation, by L. I. Bolotin, P. S. Markin, S. I. Meleshkov.
RUSSIAN, per, Pribery i Tekh Eksper, No 6, Nov/Dec 1961, pp 86-88.

*FTD-TT-62-418

Connection Between the Catalytic Activity and Semiconductor Properties of Germanium, by V. L. Kuchayev, G. K. Boreskov, 4 pp.
RUSSIAN, per, Problemy Kinetiki i Kataliza Fiz i Fiz Khim Kataliza, No 10, 1960, pp 108-110. 9095550

AEC Tr-4857

Scientific
Physics (Contd)

Apparatus for the Measurement and
Recording of the Viscosity of Silicate
Melts, by R. A. Lipman.
RUSSIAN, per, Steklo i Keramika,
Vol XVI, No 2, 1959, pp 18-21.

NLL M.4038

Effect of Gamma-Irradiation on Certain
Properties of Conducting Films, by
O. K. Vorobyeva.
RUSSIAN, per, Steklo i Kermaika, No 1,
1962, p 4.

*FTD 62-414

Some Problems of Heat Exchange and Frictional
Resistance in Turbulent Flows,
by S. Kutateladze.
RUSSIAN, per, Teploenergetika, No 7,
1956, pp 40-45.

*AEC

Heat Transfer and Hydraulic Resistance
During Helical Motion of a Fluid in a
Tube, by M. Kh. Ibragimov,
Ye. V. Nomofilov, V. I. Subbotin.
RUSSIAN, per, Teploenergetika, No 7,
1961, pp 57-60.

*FTD-TT-62-315

Results of Seismic Observations During
Underground and Trotyl Explosions, by
I. P. Pasechnik, S. D. Kogan,
D. D. Sultanov.
RUSSIAN, per, Trudy Ak Nauk SSSR, Inst
Fiz Zemli, No 15, 1960, pp 3-52.

*AEC

Seismic Magnitudes of Underground Nuclear
Explosions, by I. V. Ryznichenko.
RUSSIAN, per, Trudy Ak Nauk SSSR, Inst
Fiz Zemli, No 15, 1960, pp 53-87.

*AEC

The Wave Equation for a Non-Uniform
Medium, by S. L. Sobolev.
RUSSIAN, per, Trudy Ak Nauk SSSR,
Seismologicheskii Inst, No 6, 1930,
pp 1-57.

*AEC

Scientific
Physics (Contd)

On the Problem of Integration of the
Wave Equation in a Non-Uniform Medium,
by S. L. Sobolev.

RUSSIAN, per, Trudy Ak Nauk SSSR,
Seismologicheskii Inst, 1933, pp 1-26.

*AEC UCRL Tr-799(L)

On the Study of Seismic Effect of Power-
ful Explosions, by L. A. Utkin.

RUSSIAN, per, Trudy Ak Nauk Ural Filial,
Gorno-Geolog Inst, Vol LIV, pp 125-130.

*AEC

Isotopic Molecules of the Basic Products
of Combustion and Gasification of Fuels,
by I. G. Petrenko, 11 pp.

RUSSIAN, per, Trudy Inst Goryuchikh
Iskopayemykh, Vol XI, 1959, pp 30-38.
9097023

AEC NP Tr-808

Investigation of Fuel Cells With Solid
Electrolytes, by V. S. Daniel-bek,
et al.

RUSSIAN, per, Trudy 4-go Soveshch Elektro-
khim Ak Nauk SSSR, Otdel Khim Nauk, 1956,
pp 794-800.

ATS RJ-2694

Unsteady Oscillations of Nonlinear
Systems With Gyroscopic Terms in Considera-
tion of the Connection With an Energy Source
of Low Productivity, by V. A. Grobov.

RUSSIAN, per, Ukrain Matemat Zhur,
Vol XIII, No 2, 1961, pp 220-223.

*FTD-TT-62-472

Selected Articles From the Russian
Periodical Uspekhi Fiz Nauk, Vol LXXIV,
1961.

AIP
Sov Phys - Uspekhi
Vol IV, No 4

Cosmic Rays on Earth and in the Univ-
erse, by V. L. Ginzburg, 23 pp,
(pp 521-552).

Electron Interference and Phase
Microscopy, by V. I. Milyutin, 8 pp,
(pp 553-).

Scientific
Physics (Contd)

Selected Articles From the Russian
Periodical Uspekhi Fiz Nauk, Vol LXXIV,
1961.

AIP
Sov Phys - Uspekhi
Vol IV, No 4

Spectroscopic Studies of Benzene,
by V. L. Broude, 23 pp, (p 577).

Local Invariance and the Theory of
Compensating Fields, by V. B.
Adamskiy, 10 pp, (p 609).

Methods of Measuring Dielectric Con-
stants of Substances at Microwave
Frequencies, by V. P. Shestopalov,
K. P. Yatsuk, 20 pp, (p 721-).

High Resolving Mass-Spectrometer,
by N. E. Alekseyevskiy, 4 pp.
RUSSIAN, per, Vest Ak Nauk SSSR,
No 6, 1958, pp 67-69.

AEC NP Tr-791

The Co-Efficient of Resistance of a
Solid-Particle in a Gas Flow, by
S. S. Zaborskiy.
RUSSIAN, per, Vest Ak Nauk, Ser Fiz
Tekh Nauk BSSR, Vol IV, pp 39-50.

TIL/T5196

Electromagnetic Dipole Method for
Determining the Depth of an Embedded
Layer of Finite Conductivity, by
G. V. Molochnov (Molochnov), 16 pp.
RUSSIAN, per, Vest Leningrad U, No 10,
1960, pp 34-44.

Navy Tr 3040/NRL 880

Supersonic Flow Around Axialsymmetric
Blunt Bodies With a Detached Shock
Wave, by F. V. Shugayev.
RUSSIAN, per, Vest Ser I, Matemat,
Mekh, No 2, 1961, pp 46-53.

*FTD-TT-62-351

Kinetic Equation in the Case of Coulomb
Interaction, by L. D. Landau, 9 pp.
RUSSIAN, per, Zhur Eksper i Teoret Fiz,
Vol VII, No 2, 1937, pp 203-209. 9097694

ACSIL No 1222

Scientific
Physics (Contd)

Irregular Conditions of Oblique Collision of Shock Waves in Solid Bodies, by L. V. Altshuler, S. B. Kormer, A. A. Bakanova, et al.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XLI, No 5, 1961, pp 1382-1393.

*FTD-TT-62-374

Selected Articles From the Russian Periodical Zhur Fiz Khim.

Vol XXX, No 10, 1956, pp 2251.
9095557

AEC Tr-4862

The Heats of Formation of Titanium Silicides, by Yu. M. Golutvin, 12 pp.

Vol XXXII, No 7, 1958, pp 1622-1631.
9095541

AEC Tr-4856

Effect of Surface-Active Substances on the Diffusion Rate of Electrolytic Hydrogen Through Iron, by A. I. Oshe, 12 pp.

Vol XXXVI, No 1, 1962.
Concerning the Higher Peroxide of Hydrogen and Frozen Radicals, by I. I. Skorokhov, V. B. Golubev, L. I. Nekrasov, (pp 93-97).

*FTD-TT-62-375

Thermodynamic Functions of Mono- and Di-Atomic Metals in the State of Ideal Gases Up to 10,000 K, by I. V. Gurvich, V. A. Kvlivdze, N. P. Rtishcheva, (pp 219-222).

*FTD-TT-62-415

Scientific
Physics (Contd)

Selected Articles From the Russian
Periodical Zhur Prik Mekh i Tekh
Fiz.

No 4, 1960.

On Directional Throw-Out of Ground
With the Help of He, by V. M. Kuznetsov,
et al, (pp 49-50).

*AEC

Cinemotography of the Study of Under-
Ground Explosions, by L. K. Belopukhov,
(pp 51-54).

*AEC UCRL Tr-806(L)

No 1, 1961, pp 3-9. 9664296
The Motion of a Plasma Flow in a
Tube in the Presence of External
Electrical and Magnetic Fields, by
V. M. Sarychev, 11 pp.

FTD-TT-62-43

No 6, Nov/Dec 1961.

On the Behavior of Some Plasma
States With an Anisotropic Distribu-
tion of Velocities in a Magnetic Field,
by G. M. Zaslavskiy, S. S. Moiseyev-
Novosibirsk, (pp 24-28).

*FTD-TT-62-338

Study of Operation of Plasmation
With an Air Stabilization of the
Arc, by G. Yu. Dantov, M. F. Zhukov,
V. Ya. Smolyakov, (pp 29-35).

Selected Articles From the Russian
Periodical Zhur Tekh Fiz.

Vol XXV, No 9, 1955.

Diffraction Light Modulator, by
A. M. Bonch-Bruevich, V. A. Molchanov,
7 pp, (pp 1653-1658). 9095535

AEC UCRL Tr-733

Some Problems of Phase Measurements,
by A. M. Bonch-Bruevich, V. I. Shirokov,
26 pp, (pp 1825-1842). 9095537

AEC UCRL Tr-734

Scientific
Physics (Contd)

Selected Articles From the Russian
Periodical Zhur Tekh Fiz. (Contd)

Vol XXXI, No 11, 1961, pp 1294-1297.

9664301

A Plasma Source for a High Vacuum,
by B. P. Kononov, K. A. Sarksyen,
7 pp.

FTD-TT-61-400

Vol XXXI, No 12, 1961.

On the Importance of the Emission
Channel for Ion Source, by S. N. Popov,
(pp 1431-1438).

*FTD-TT-62-435

Local Redistribution of Total Energy
in the Boundary Layer of a Compressed
Gas Near the Surface of Burning Solid,
by L. A. Vulis, V. P. Kashmarov,
12 pp, (pp 1477-1484).

JPRS 12962

Vol XXXII, No 2, 1962.

Study of Stationary Plasma States
in a Kinetic Approximation, by
N. N. Komarov, V. M. Fadeyev,
(pp 133-138).

*FTD-TT-62-413

On Anodes of Thermoelectronic Energy
Converters, by V. G. Bolshov,
A. A. Zharinov, (pp 214-219).

A Method of Recording and Reproducing
Optical Images, by D. A. Novik.
RUSSIAN, Patent Number 132,663,
May 1957.

*FTD-TT-62-440

A Mass Spectrometer, by A. S. Bryukhanov,
V. N. Golub.
RUSSIAN, Patent No 139,478.

*FTD-TT-62-369

Some Characteristics of High-Frequency
Ion Sources, by Kou-Yu, 7 pp.
CHINESE, per Wu Li Hsueh Pao, Vol XVI,
No 2, 1960, pp 107-110.

FTD-TT-61-169

Scientific
Physics (Contd)

Study of Radioactive Decay Tm^{168} , by
V. Brabec, B. Kracik, M. Vobecky,
3 pp.
CZECH, per, Czechoslov J Phys, Vol X,
1960, pp 969-970.

AEC Tr-4858

The Determination of Optical Constants
From Light Absorption Measurements on
Thin Metal Films, by C. F. Veenemans,
34 pp.
DUTCH, per, Archives Neerlandaises des
Sciences Exactas et Naturelles, Vol XIV,
1933, pp 84-117. 9097015

AEC UCRL Tr-728(L)

General Features of the Project Rapsodie,
27 pp.
FRENCH, rpt, Vue d'Ensemble sur le Project
Rapsodie, Jun 1960.

AEC Tr-4550

Periodicity Test. Generalization of
the Schuster Test in the Case of Temporal
Autocorrelated Series, by Maurice Allais,
4 pp.
FRENCH, per, Comptes Rendus, Vol CCXLIV,
No 20, 13 May 1957, pp 2469-2471.
9097019

AEC SCL-T-388

Fluorescence, by E. Laffitte,
C. Pujuls.
FRENCH, per, Comptes Rendus Academie
des Sciences, Vol CCLII, 13 Feb 1961,
pp 1008-1010.

*AEC UCRL Tr-781(L)

Stability of Explosives, by P. Aubertein,
23 pp.
FRENCH, per, Memorial des Poudres, Vol XLI,
1959, pp 111-125. 9095576

AEC AWRE Tr-24

Deflection Measurements on Flexible Roads,
by G. Franck, 31 pp.
FRENCH, per, Revue Generale des Routes,
Vol XCVII, No 311, Dec 1957, pp 75-88.

CSIR 187

Scientific
Physics (Contd)

Detection of w-Energy Beta Rays. II,
by Brooke, E. R. Schayes.
FRENCH, per, Revue M.B.L.E., Vol IV,
No 4, 1961, pp 222-249.

*AEC

Heterochromatic Photometry, by
M. J. Terrien, 5 pp.
FRENCH, per, Societe Francaise des
Electriciens, Vol I, No 10, 1960.

CSIR 194

The Use of the Echelon Filters for
the Making of Sensitometric Curves,
by L. D'Or.
FRENCH, per, Societe Royale des Sciences
Liege Bulletin 18, 1949, pp 108-112.

*AEC UCRL Tr-793(L)

Mass-Spectrometer Studies of Ion
Emission and Ion Distribution in
Gas Discharge Plasmas, by O. Reifenschweiler,
6 pp.
GERMAN, rpt, Proceedings of the Fourth
International Conference on Ionization
Phenomena in Gases Uppsala, 17th/21 Aug 1959,
pp 541-548. 9097017.

AERE, Harwell Tr-872

The Statistical Theory of Compressed
Atoms, by P. Gombas, 36 pp.
GERMAN, per, Acta Physica Hungaricae,
Vol VIII, 1958, pp 321-358. 9095538

AEC UCRL Tr-722(L)

Theory of the Diffraction of Electro-
magnetic Waves at a Completely Conducting
Circular Disk and Associated Problems,
by J. Meixner.
GERMAN, per, Annalen der Physik, Vol VI,
No 12, 1953, pp 227-236.

*AFCRL Res Lib

Stresses in Deformation Zone in Drawing
of Bars Under Plane Strain Conditions,
by O. Pawelski.
GERMAN, per, Archiv fuer Eisenhuettenwesen,
Vol XXXII, Aug 1961, pp 513-520.

BISI 2499

Scientific
Physics (Contd)

Selected Articles From the German
Periodical Atomkernenergie.

Vol V, No 6, 1960, pp 209-217.

9095536

Theoretical Studies on Strong
Spherico-Symmetrical Convergent
Compression Shocks in Deuterium Gas,
by H. Volcker, 23 pp.

AEC UCRL TR-730(L)

No 9, 1961, pp 685-687. 9675858
Concerning the Discovery of the
Principle of the Pulse Reactor, by
K. Fuchs, 6 pp.

FTD-TT-62-30

No 11, 1961. 9675770.
Design Proposals for Chemonuclear
Reactors, by W. Gaur-Heidelberg,
28 pp, (pp 425-433).

FTD-TT-62-31

On the Weight Economy Measures in
Layer Shielding, by E. Beynam-Bremen,
5 pp, (pp 443, 444).

Determination of Dynamic Temperature
Quantities, by Rudi Kautsch, 10 pp.
GERMAN, per, Automatisierung, Vol IV,
No 7, 1961, pp 277-280.

JPRS 12865

State Changes in Isothermal Argon
Plasma, by F. Kuemmel.
GERMAN, per, Beitrage Aus der Plasma
Physik, Vol I, No 4, 1960/1961,
pp 236-244.

*FTD-TT-62-438

On the Limits of X-Ray Film Sensitivity,
by J. Franzen, 13 pp.
GERMAN, per, Fortschritte auf dem Gebiete
der Rontgenstrahlen, Vol XCIV, No 3, 1961,
pp 409-420. 9095566

AEC NP Tr-813

Scientific
Physics (Contd)

Investigation of Surface Processes
With Radioactivity, by H. Frauenfelder.
GERMAN, per, Helvetica Physica Acta,
Vol XXIII, No 4, 1950, pp 347-380.

*AEC

A Photomultiplier With a Sb-Na-K Cathode,
by W. Baumgartner, J. Linder.
GERMAN, per, Helvetia Physica Acta,
Vol XXXIII, 1960, p 608.

*AEC

Personnel Monitoring by Means of Photo-
graphic Emulsions in Places Where X-Rays,
Isotopes and Reactors Are Used, by
H. Dresel, 16 pp.
GERMAN, per, Kerntechnik, Vol II, No 7/8,
1960.

CSIR 188

Theoretical and Experimental Nuclear Re-
search, by Heinz Barwich, 5 pp.
GERMAN, np, National Zeitung, Oct 11,
1961 Column 1-3. 9664297

FTD-TT-62-8

On the Detection of Nonmetallic Inclusions
in Rolled Material Using Ultrasonics, by
G. Beckmann, K. Spiegelberg.
GERMAN, per, Neue Hutte, Vol VI, May 1961,
pp 316-321.

BISI 2590

Method of Quantitative Determination of
Degree of Refining of Glasses, by
G. Schilling, H. Franck.
GERMAN, per, Silikat Technik, Vol VI,
No 12, 1955, pp 505-509.

CSIRO

Fundamental Relations Between Utiliza-
tion of Gas, Consumption of Carbon and
Calorific Balance in the Blast Furnace,
by E. Schurmann, D. Bulter.
GERMAN, per, Stahl und Eisen, Vol LXXXI,
23 Nov 1961, pp 1565-1574.

*BISI 2679

Scientific
Physics (Contd)

Particle Size Analyses of Mine Dusts,
by Jorn Olaf, 21 pp.
GERMAN, per, Staub, Vol XX, No 2, 1960,
pp 40-45.

CSIR 191

On the Routine Determination of Particle-
Size Determination of Fine Dust Deposi-
tions in the Thermal Precipitator With the
Aid of the Electron Microscope, by
Ingo Westerboer, 9 pp.
GERMAN, per, Staub, Vol XX, No 10, 1960,
pp 361-363.

CSIR 192

Selected Articles From the German
Periodical Z fuer Angewandte Physik.

Vol I, No 10, 1949, pp 462-473.
Flash X-Ray Tubes and Their Use,
by W. Schaaffs.

CSIRO

Vol II, No 2, 1950, pp 83-88.
Fine Structure Ultrashort Exposures
With the X-Ray Flash Tube, by
R. Schall.

CSIRO

Vol V, No 6, 1953, pp 217-221.
Operation and Use of a Double X-Ray
Flash Tube, by G. Thomer.

CSIRO

Vol XII, No 6, 1960, pp 250-253.
9097693
Investigation of a High Fre-
quency Plasma by Means of a Direct
Current Probe, by H. Fetz, H. Oechsner,
8 pp.

ACSIL No 1389

Types of Motion in the Linear Pinch
Effect and Runaway Electrons, by
E. Fuenfer, G. Lehner, H. Tuzek,
19 pp.
GERMAN, per, Z fuer Naturforschung,
Vol XVa, 1960, pp 566-574. 9095567

AEC NP Tr-814

Scientific
Physics (Contd)

Pressure Gradient Produced During
Gaseous Diffusion, by Von-L. Waldmann,
K. H. Schmitt.

GERMAN, per, Z fuer Naturforschung,
Vol XVIa, No 12, 1961.

*AEC

Measurement by Excitation States of
Nitrogen Molecules With the Aid of
Photoionisation, by F. J. Comes,
Lessmann.

GERMAN, per, Z fuer Naturforschung,
Vol XVIa, 1961, pp 1038-1042.

*AFCRL Res Lib

Selected Articles From the German
Periodical Z. fuer Physik.

Vol XVIII, 1923, pp 1-11.
Ultraviolet Resonance Spectro of
Iodine Vapour, by O. Oldenberg.

CSIRO

Vol XXXIX, 1926, pp 607-622.
Mobility of Solid Spheres of Radii
Up to 1.10^{-5} cm. and Their Electrical
Charges, by H. Treitsch.

CSIRO

Vol LXXXVIII, 1934, pp 161-177.
9095531
Attempt at a Theory of the Beta
Rays, by E. Fermi, 19 pp.

AEC UCRL Tr-726

Vol CXX, 1943, pp 513-538.
The Observable Quantities in
the Theory of Elementary Particles,
by W. Heisenberg.

*AEC

Vol CXXVI, 1949, pp 642-665.
9097026
Surface Migration of Tungsten
on Its Own Crystal Lattice, by
Erwin W. Muller, 30 pp.

AEC TR-4966

Scientific
Physics (Contd)

Selected Articles From the German
Periodical Z. fuer Physik. (Contd)

Vol CLVI, 1959, pp 211-216.

CSIR 190

Some Notes on the Theory of Particle
Size Distribution in Aerosols, by
H. Koppe, 7 pp.

Vol CLVIII, 1960, pp 444-470.

*AEC UCRL Tr-792(L)

Measurement With a Crystal Spectrometer
of Some Soft Gamma Lines in the Neutron
Rapture in Europium, by Otto Schult.

The Significance of Calorimetric Measure-
ments for the Manufacture and Testing of
Flasters, by E. Eipeltauer.

GERMAN, per, Zement-Kalk Gips, Vol IX,
No 11, 1956, pp 501-505.

CSIRO 3662

Procedure for Manufacturing Photosensi-
tive Materials, in Particular Photographic
Films or Plates, by Joseph Seiberlich.
GERMAN, Patent No 660,164, 18 May 1938.
9095561

AEC NP Tr-802

General Properties and Plasmaphysical
Relations of the Radiation of Systems
Which Move With a Velocity Greater Than
the Velocity of Light, by I. Ye. Tamm,
20 pp.

HUNGARIAN, per, Fiz Szemle, Vol X, No 11,
1960, pp 323-328.

FTD-TT-61-2

Ninth Meeting of Hungarian Physicists
in Pecs, 1961, 21 pp.

HUNGARIAN, per, Fiz Szemle, Vol XI,
No 12, 1961, pp 380-384.

JPRS 13044

Tracking of Ground Water Movement by
Means of Radioactive Isotopes, by
Ede Vessey, 16 pp.

HUNGARIAN, per, Hidrol Kozlony,
Vol XXXVIII, 1958, pp 338-342.

AEC Tr-4627

Scientific
Physics (Contd)

The Complementary Nature of X-Ray
Fluorescence Methods and Optical
Emission Methods in Spectrochemical
Analysis, by M. Scalise.
ITALIAN, per, La Metallurgia Italia,
No 6, 1957, pp 483-487.

BISI 2643

Forced Vibrations (Oscillations)
With Viscous Friction and Coulomb
Damping, by Ettore Funaioli, 18 pp.
ITALIAN, per, Rivista di Ingegneria,
Vol IV, No 2, 1954, pp 165-171. 9084353

AEC SCL-T-389

An Attempted Construction of a Standard
Ionization Chamber for Measurement of
Background, Calibration of Air Borne
and Gamma Radiation Dose Rate, by
S. Moriuchi, 3 pp.
JAPANESE, JAERI Report 5002, No 2,
1960. 9097022

AEC NP Tr-815

Measurement of Rate of Polymerization
of Vinyl by Samster Method, Report I,
by H. Miyama.
JAPANESE, per, Chemical Society of Japan
Journal, Vol LXXVI, 1956, pp 196-199.

CSIRO

On X-Ray Irradiation of Penicillium
Chrysogenum, by H. Imanaka.
JAPANESE, per, Journal of Antibiotics,
Vol IX, 1956, pp 218-220.

CSIRO

Influence of a Magnetic Dipole Upon
the Gravitational Field, by J. Pachner.
POLISH, per, Acta Physica Polonica,
Vol XX, No 5/6, 1961, pp 475-492.

*FTD-TT-62-394

Some Problems of Continued Plastic Flow
of the Eccentric Cylinder, by Wacław
Olszak, Stefan Zahorski.
POLISH, per, Archiwum Mechaniki Stosowanej,
Vol XII, No 5/6, 1960, pp 667-703.

*FTD-TT-62-364

Scientific
Physics (Contd)

Magnetic Element for Pulse Control
of Thyratrons, by Henryk Tunia, 15 pp.
POLISH, per, Przegląd Elektrotechniczny,
Vol XXXVII, No 9, 1961, pp 381-385.
9675773

FTD-TT-61-435

Effect and Use of Measured Explosion
in Rock as a New Method of Mining,
by Ljubomir Paunovic.

SERBO-CROATIAN, per, Vojno-Tehnicki
Glasnik, Vol VII, 1960, pp 510-513.

*AEC

On the Question Regarding the Sign of
Electroconductivity of Evaporated
Germanium Films, by Yu. G. Ptushinskiy,
Yu. A. Lupan.
UKRAINIAN, per, Ukrain Fiz Zhur, Vol IV,
No 1, 1959, p 125.

*NRL

Study of the Fundamental Edge of K
Absorption of Iron and Vanadium X-Rays
in Their Alloys in Two Modifications,
by L. G. Nikolayeva, S. M. Karal'nik.
UKRAINIAN, per, Ukrain Fiz Zhur, Vol V,
No 2, 1960, pp 231-234.

BISI 2459

Reflection of Electromagnetic Waves
by a Plasma, by V. I. Kurylko,
V. I. Miroshnychenko.
UKRAINIAN, per, Ukrain Fiz Zhur,
Vol VI, No 3, 1961, pp 415, 416.

*FTD-TT-62-336

Scientific
Space Research

The Influence of the Gravitational Attraction of the Sun and the Moon on the Motion of an Artificial Earth Satellite, by A. V. Egorova.
RUSSIAN, bk, Izvestia: Sputniki Zemli, No 8, 1961, pp 46-56.

RAE 983

How a Picture of the Other Side of the Moon Was Obtained, by G. B. Bogatov, 64 pp.

RUSSIAN, bk, Kak bylo Polucheno Izobrazheniye Obratnoy Storony Luny, 1961, pp 1-64.

JPRS 12543

Rockets Fly on Course, by Yu. Nikolayev, 13 pp.
RUSSIAN, np, Ekhn Gazeta, No 10, 1961, p 37.

JPRS 12784

A Spaceship Starts in Space, by Nikolay Varvarov.
RUSSIAN, np, Ekhn Gazeta, 1 Jan 1962, p 34.

*FTD-TT-62-422

Space, Space Flight, and Economics, by A. Imaylov, G. I. Pokrovskiy, 10 pp.
RUSSIAN, per, Grazhden Aviatziye, Vol XVIII, No 8, 1961, pp 21, 22.

JPRS 12545

Rocket Against Rocket, by M. Maksimov, 11 pp.
RUSSIAN, per, Izvestiya, No 3, 14/20 Jan 1962, pp 10, 11.

JPRS 12443

Before the Launching of a Rocket, by B. Sergeyev.
RUSSIAN, np, Komsomol'skaya Pravda, 27 Jan 1962, p 4.

*FTD-TT-62-359

Scientific
Space Research (Contd)

Notes Taken in Space. What the Log
Books of Gagarin and Titov Tell,
by F. Lushnikov.

RUSSIAN, np, Krasnaya Zvezda, 31 Dec
1961, 4 pp.

*FTD-TT-62-345

Earth - Moon, by N. Varvarov, 9 pp.
RUSSIAN, np, Krasnaya Zvezda, 3 Jan
1962, p 3.

JPRS 12636

Cosmonauts, by Ye. Petrov.

RUSSIAN, np, Krasnaya Zvezda, 13, 15 Feb
1962, 2 pp.

*FTD-TT-62-344

Some Future Problems in Scientific
Development, by A. Topchiyev, 16 pp.
RUSSIAN, per, Nauchno Tekh Otdel,
Vol III, No 6, 1961, pp 3-7.

JPRS 12595

The Soviet Land Has Become the Shore
of the Universe, by K. Sergeyev,
7 pp.
RUSSIAN, np, Pravda, 31 Dec 1961.
9675777

FTD-TT-62-96

The Beginning of a New Era in the
Study of Space, by V. G. Fesenkov,
11 pp.
RUSSIAN, per, Priroda, No 6, 1961,
pp 3-5.

JPRS 12442

With a Camera in Space, by G. Titov.
RUSSIAN, per, Priroda, No 6, 1961,
pp 8, 9.

R/E 979

Space Flights and Radiation Danger,
by I. A. Savenko, N. F. Pisarenko,
P. I. Shavrin.
RUSSIAN, per, Priroda, No 2, 1962,
pp 40-48.

*FTD-TT-62-450

High-Altitude Station.

RUSSIAN, np, Tass, 25 Jan 1962, p 1.

*FTD-TT-62-360

Scientific
Space Research (Contd)

Flight of the Second Cosmic Ship,
7 pp.

RUSSIAN, per, Vest Ak Nauk SSSR,
No 10, 1960, pp 99-102. 9673058

FTD MCL-1188/1

Return to Earth, by L. Gil'berg, 11 pp.
RUSSIAN, per, Znaniye Sila, No 7,
1961, pp 10-13. 9675778

FTD-TT-62-78

Cosmic Trips, by V. Berezin, 8 pp.
RUSSIAN, per, Yunyy Tekhnik, Vol V,
No 5, 1961, pp 8-13. 9675785

FTD-TT-62-41

A Method of Radio-Communication With
the Aid of the Moon, by N. I. Kalashnikov,
V. A. Smirnov.

RUSSIAN, Patent Number 132,680, Jan 1960.

*FTD-TT-62-441

Electrical Propelling Systems for
Space Rockets, by J. Pokorný.
CZECH, per, Kridla Vlasti, No 5, 1961,
pp 14-16.

*FTD-TT-62-409

Czechoslovak Report on Rocket Research
in Nations Other Than US and USSR, by
Karel Pacner, 9 pp.

CZECH, per, Mlada Fronta, Vol XVII,
No 278, 284, Nov 1961, p 6.

JPRS 12764

Corpuscular Radiation in Interplanetary
Space, by J. Kleczek.

CZECH, per, Pokroky Matematiky, Fyziky a
Astronomie, No 3, 1961, pp 154-167.

*FTD-TT-62-466

For the Exploration of the Upper
Atmosphere C. H. E. T. Sud-Aviation
Rockets, by Jacques Gambu, 15 pp.
FRENCH, per, Aviation, No 1, 1961,
pp 19-23. 9664306

FTD-TT-61-205

Space Ship Two - A Record in Television
Electronics, by P. Neidhardt.

GERMAN, per, Nachrichtentechnik, No 11,
1960, p 469.

*FTD-TT-62-459

Scientific
Space Research (Contd)

Details of Soviet Space Program,
by Erno Nagy.
HUNGARIAN, per, Technika, Feb 1962.

*FTD-TT-62-436

Astronautics, by Mieczyslaw Subotowicz.
POLISH, bk, Astronautyka, 1960,
pp 20-37, 95-163.

*FTD-TT-61-123

The First Cosmic Flights of Man, by
Zbigniew Packowski.
POLISH, per, Horyzonty Technika, No 7,
1961, pp 292-297.

*FTD-TT-62-347

Scientific
Miscellaneous

Bibliographic Description as an
Element of Information, by

R. S. Gilyarevsky, 17 pp.

RUSSIAN, monograph, Doklady na Kon-
ferentsii po Obrabotke Informatsii,
Mashinnomu Perevodu i Avtomaticheskomu
Chteniyu Teksta, No 6, 1961, pp 1-11.

JPRS 12957

A General Information Language to Be
Employed In An Experimental Mechanized
System for Literature Searching in
the Field of Mechanics, by

G. A. Lavrent'yeva, 25 pp.

RUSSIAN, monograph, Doklady na Kon-
ferentsii po Obrabotke Informatsii,
Mashinnomu Perevodu i Avtomaticheskomu
Chteniyu Teksta, No 6, 1961, pp 1-12.

JPRS 13055

A Method of Special Abstracting, by
B. R. Pevzner, N. I. Styashkin, 22 pp.

RUSSIAN, monograph, Doklady na Kon-
ferentsii po Obrabotke Informatsii,
Mashinnomu Perevodu i Avtomaticheskomu
Chteniyu Teksta, No 6, 1961, pp 1-14.

JPRS 13057

Two Operators For Processing Work
Combinations With "Strong Government"
(For Automatic Syntactic Analysis),
by L. N. Iordanskaya, 41 pp.

RUSSIAN, monograph, Dva Operatory
Obrabotki Slovosochetaniy s "Sil'ny
Upravleniyem", 1961, pp 3-33.

JPRS 12441

Selected Articles From the Russian
Book Mashinnyy Perevod i Prikladnaya
Lingvistika, No 5, 1961, (DC-3901).

*JPRS

Concerning an Information Language
for Geometry and an Algorithm for
Translating From Russian Into the
Information Language, by A. V. Kuznetsov,
et al, (pp 3-21).

Scientific
Miscellaneous (Contd)

Selected Articles From the Russian
Book Mashinnyy Perevod i Prikladnaya
Lingvistika, No 5, 1961, (DC-3901).
(Contd)

*JPRS

Experiment of Multilingual Translation
of Numerals on the 'Ural' Machine, by
G. S. Tseytin, (pp 22-26).

Structure of an Algorithm for
Grammatical Analysis (in the Case of
Machine Translation From Russian),
by T. M. Nikolayeva, (pp 27-44).

Concerning the Formalization of
Context, by G. V. Kolshanskiy,
(pp 45-50).

Some Refinements in the Probabilities
of the Zipf Model, by D. M. Segal,
(pp 51-55).

Machine Parsing of a Georgian
Phrase, by G. B. Chikoidze,
(pp 56-65).

Order of Words in the Independent
Synthesis of a Russian Sentence,
by V. K. Voynov, et al, (pp 66-72).

An Interesting Hypothesis of Yngve
(Review), by I. I. Revzin, (pp 73-80).

Articles of Machine Translation of the
Cambridge Linguistic Group (Abstract),
by A. K. Zholkovskiy, (pp 81-89).

In Memory of I. A. Sokolyanskiy, by
V. V. Ivanov, (pp 90-92).

Intervuz Scientific Conference on
Applied Linguistics, by D. M. Segal,
(pp 93-99).

Scientific
Miscellaneous (Contd) .

Possibilities of Automation in the Control of the National Economy, by A. I. Berg, K. A. Lyapunov, 19 pp. RUSSIAN, bk, Problemy Kibernetiki, No 6, 1961, pp 83-100.

JPRS 12562

Selected Articles From the Russian Monograph Voprosy Otrasleyoi Bibliografii po Estestvennym Naukam, Sbornik Dokladov na VI Nauchnoi Konferentsii Biblioteki Akademii Nauk SSSR, 2-4 March 1960.

MIT, Libraries
Cambridge 39, Mass.

Abstract Journals of the All-Union Institute of Scientific and Technical Information, by A. A. Fomin, 10 pp.

Recording and Registration of Natural Science Literature by the Organs of State Bibliography of the USSR, by N. A. Lavrova, 14 pp.

Problems of Soviet Subjects Bibliography in the Natural Sciences, by S. P. Luppov, 22 pp.

Foreign Bibliography in the Natural Sciences. Problems in Organizing an Efficient System of Bibliographic Information, by V. V. Gnucheva, 12 pp.

Soviet Subject Bibliography of Bibliographies /Some Problems of Method/, by A. M. Lukomskaya, 12 pp.

Experience of the All-Union Geological Library in Compiling Its Annual, Geological Literature of the USSR, by B. P. Polevoy, 12 pp.

Specialized Conference on Diesel Construction, by L. K. Kollerov, 5 pp. RUSSIAN, per, Energomashinostroyeniye, No 8, 1961, p 47.

JPRS 13033

Scientific
Miscellaneous (Contd)

Problems of Magma and the Genesis of
Eruptive Mineral Ores, by A. P. Lebede,
7 pp.
RUSSIAN, per, Gokhimiya, No 8, 1961,
pp 713-715.

JPRS 13033

General Meeting of the Chemical Sciences
Section of the USSR Academy of Sciences
on 24/25 Nov 1960, 4 pp.
RUSSIAN, per, Iz Ak Nauk SSSR; Otdel
Khim Nauk, No 4, 1961, pp 731-732.

JPRS 13033

A Symposium on the Problem of the
Siberian Silkworm, by N. G. Kolomiyets,
A. B. Gukasyan, 4 pp.
RUSSIAN, per, Iz Sibir Otdel Ak Nauk
SSSR, No 3, 1961, pp 113-114.

JPRS 13033

Meeting of N. S. Khrushchev With
Scientists of the Siberian Department
of the Academy of Sciences of the
USSR, 4 pp.
RUSSIAN, per, Iz Sibir Otdel Ak Nauk
SSSR, No 5, 1961.

JPRS 13105

Scientific-Technical Conference on the
Problems of Benzine Production, by
V. L. Klimenko, 7 pp.
RUSSIAN, per, Neftekhimiya, Vol I,
No 2, Mar/Apr 1961, pp 292-294.

JPRS 13033

The Brightness of Thought, by Iya
Meskhi, 4 pp.
RUSSIAN, per, Ogonek, No 49, pp 16, 17.

JPRS 12560

Cybernetics and Automation, by
V. Solodovnikov, 4 pp.
RUSSIAN, np, Pravda, 27 Dec 1961.

JPRS 12561

The Social Role of Science and Its
Outlook in Slovakia, by Dionyz Blaskovic,
7 pp.
RUSSIAN, np, Pravda, Vol XLIII, No 6A,
7 Jan 1962, pp 2,3.

JPRS 12509

Scientific
Miscellaneous (Contd)

Cybernetics Safeguards Health, by
N. Amosov, K. Ivanov-Muromskiy, 5 pp.
RUSSIAN, np, Pravda Ukrainy,
25 Jan 1962, p 3.

JPRS 12912

Selected Articles From the Russian
Periodical Sovet Etnografiya, No 4,
1961.

JPRS 12408

Session Devoted to Results of
Scientific Research of the 1960
Expeditions, by V. A. Aleksandrov,
7 pp, (pp 177-179).

Scientific Relations of the
Institute of Ethnography of the
Academy of Sciences USSR With
Foreign Countries, by Yu. I.
Zhuravlev, 6 pp, (pp 187-189).

Soviet and Foreign Authorities
Discuss the Peoples of the World
Ethnographic Series, by
I. A. Zolotarevskaya, 18 pp,
(pp 190-197).

Cartographic Publications of the
Institute of Ethnography of the
Academy of Sciences USSR, by
G. F. Debetz, 3 pp, (pp 198, 199).

The Fourth Ukrainian Conference on
Physical Chemistry, by A. S. Afanas'yev,
5 pp.
RUSSIAN, per, Ukrain Khim Zhur,
Vol XXVII, No 4, 1961.

JPRS 13033

Scientific
Miscellaneous (Contd)

Selected Articles From the Russian
Periodical Vest Ak Nauk SSSR, No 12,
1961.

JPRS 12786

In the Presidium of the Academy of
Sciences, Field Conference in
Novosibirsk, 3 pp.

At the General Meeting of the
Academy, 5 pp, (pp 5, 6).

The Twenty-Second Congress of the
Communist Party of the Soviet Union
and the Tasks of the USSR Academy
of Sciences, by M. V. Keldysh,
84 pp, (pp 7-34).

On the Status and Training of
Scientific Personnel in the Light
of the New Tasks Placed Upon the
USSR Academy of Sciences, by
A. V. Topchiyev, 23 pp, (pp 35-48).

Discussion of Reports, by
P. M. Pospelov, 29 pp, (pp 49-66).

At the General Meetings of the
Divisions, 54 pp, (pp 57-93).

Sedov on Future Research.
RUSSIAN, np, Zarya Vostoka, 2 Dec 1961,
p 2.

*FTD-TT-62-408

A Conference on the Chemization of
Agriculture in Orenburgskaya Oblast,
by A. Kh. Batalin, 5 pp.
RUSSIAN, per, Zhur Vses Khim Obshch
imeni D. I. Mendeleyeva, Vol VI, No 3,
1961, pp 346, 347.

JPRS 13033

Scientific
Miscellaneous (Contd)

Some of the Results of the Work of
the Moscow Administration of the
All-Union Chemical Society imeni
D. I. Mendeleyev in 1960, by
Ye. F. Stroganov, 6 pp.
RUSSIAN, per, Zhur Vses Khim Obshe
imeni D. I. Mendeleyeva, Vol VI,
No 3, 1961, pp 347, 348.

JPRS 13033

The Meteorological Committee of the
Presidium of the Hungarian Academy
of Sciences, 5 pp.
HUNGARIAN, per, Idejaras, Vol LXV,
No 3, May/Jun 1961, p 189.

JPRS 12883

Selected Articles From the Hungarian
Periodical Magyar Tudomany.

Vol VI, No 6, 1960, p 380.
A New Stage of Scientific Relations
Between Hungary and East Germany,
by Tibor Szemerédi, 4 pp.

JPRS 12683

Vol VI, No 5, 1961, pp 313-317.
On the Activities of the Hungarian
Academy of Sciences, 14 pp.

JPRS 12459

Vol VI, No 6, 1961.
On the Activities of the Hungarian
Academy of Sciences, 7 pp,
(pp 362, 363).

JPRS 12459

The Publishing Activities of the
Hungarian Academy of Sciences, by
Elek Erdelyi, 13 pp, (pp 364-367).

JPRS 12814

Vol LXVIII, No 7, 8 Jul, Aug 1961,
pp 470-472.
On the Activities of the Hungarian
Academy of Sciences, 5 pp.

JPRS 12459

Vol LXVIII, No 9, 1961, pp 551-553.
From the Activities of the Hungarian
Academy of Sciences, 8 pp.

JPRS 13013

Scientific
Miscellaneous (Contd)

Behind the Moscow-Peking Rift, 3 pp.
JAPANESE, per, Hokkoku Shimbun,
27 Jan 1962. 9664395

500th INTC Gp
Tr No 105735

Habilitation Procedures at the Polish
Academy of Sciences, 14 pp.
POLISH, per, Nauka Polska, No 1 (33),
Jan/Mar 1961, pp 249-260.

JPRS 12946

Habilitation Procedures at the Polish
Academy of Sciences, by Anastazja Strus,
8 pp.
POLISH, per, Nauka Polska, Vol IX,
No 1 (33), Jan/Mar 1961, pp 261-269.

JPRS 12946

On Awards, Study Tours and Academy
News, by Ludmila Szeworska, 12 pp.
POLISH, per, Nauka Polska, No 1 (33),
Jan/Mar 1961, pp 267-276.

JPRS 12946

Development of Cybernetics in the
Soviet Union, by A. A. Markov, 8 pp.
POLISH, per, Przegląd Elektrotechniczny,
Vol XXXVII, No 2, 1961, pp 53-55.

JPRS 12834

INFORMATION RECEIVED DURING MARCH
ON COVER-TO-COVER TRANSLATIONS

Akusticheskiy Zhurnal, Vol IV, No 1/4, 1958.	AIP Sov Phys - Acoustics Vol IV, No 1-4
Akusticheskiy Zhurnal, Vol V, No 1/2, 1959.	AIP Sov Phys - Acoustics Vol V, No 1, 2
Akusticheskiy Zhurnal, Vol VI, No 2/4, 1960.	AIP Sov Phys - Acoustics Vol VI, No 2-4
Astronomicheskiy Zhurnal, Vol XXXVIII, No 5, 1961.	AIP Sov Astron - AJ Vol V, No 5
Avtomaticheskaya Sverka, No 5, 1961.	BWRA
Byulleten' Izobreteniy, No 17/18, 1959.	PP
Byulleten' Izobreteniy, No 15, 17/20, 1961.	Derwent Information Service
Doklady Akademii Nauk SSSR, Biochemistry Section, Vol CXL, No 1/6, 1961.	AIBS
Doklady Akademii Nauk SSSR, Botanical Sciences Section, Vol CXXXIX, No 3/6, 1961.	AIBS
Doklady Akademii Nauk SSSR, Botanical Sciences Section, Vol CXL, No 1/6, 1961.	AIBS
Doklady Akademii Nauk SSSR, Physics Section, Vol CXXXIX, No 4/6, 1961.	AIP Sov Phys - Dok Vol VI, No 8
Doklady Akademii Nauk, Physics Section, Vol CXL, No 1/3, 1961.	AIP Sov Phys - Dok Vol VI, No 9

Doklady Akademii Nauk SSSR, Soviet
Mathematics, Vol CXXXIX, No 1/6,
1961.

Elektrosvyaz', No 9, 1961.

Fizika Tverdogo Tela, Vol III,
No 9, 1961.

Geodeziya i Kartografiya, No 7/8,
1961.

Geologiya Nefti i Gaza, Vol III,
No 11-A, 12-B, 1959.

Izmeritel'naya Tekhnika, No 8, 1961.

Izvestiya Akademii Nauk SSSR, Seriya
Fizicheskaya, Vol XXIV, No 12, 1960.

Izvestiya Akademii Nauk SSSR, Seriya
Fizicheskaya, Vol XXV, No 1/2, 1961.

Izvestiya Akademii Nauk SSSR, Seriya
Geofizicheskaya, No 11, 1961.

Izvestiya Akademii Nauk SSSR, Seriya
Geologicheskaya, No 11, 12, 1960.

Izvestiya Vysshikh Uchebnykh Zavedeniy,
Seriya Radiofizika, Vol IV, No 3,
1961.

Koks i Khimiya, No 9, 1961.

Kristallografiya, Vol V, No 2/6,
1960.

Kristallografiya, Vol VI, No 1/5,
1961.

Liteynoye Proizvodstvo, No 9, 1961.

Amer Math Soc
Vol II, No 4

AIME

AIP
Sov Phys - Solid State
Vol III, No 9

AGU

RRG

ISA

CTT

CTT

AGU

AGI

JPRS 12754

CTRA

AIP
Sov Phys - Crystall
Vol V, No 2/6

AIP
Sov Phys - Crystall
Vol VI, No 1/5

BCIRA

Pribory i Tekhnika Eksperimenta,
No 4, 1961.

ISA

Problemy Gematologii i Perelivaniya
Krovi, Vol VI, No 1, 2, 1961.

PP

Radiotekhnika, Vol XVI, No 8, 9,
1961.

AIEE

Radiotekhnika i Elektronika, No 7, 8,
1961.

AIEE

Referativnyy Zhurnal: Mekhanika, No 7,
1960.

Technical Information
and Library Services

Stanki i Instrument, Vol XXXII,
No 6, 7, 1961.

PERA

Svarochnoye Proizvodstvo, No 4, 5,
1961.

BWRA

Tsitologiya, Vol III, No 5, Sep/Oct
1961.

JPRS 12752

Tsvetnye Metally, Vol II, No 3, 1961.

Primary Sources

Uspekhi Khimii, Vol XXX, No 2, 3,
1961.

Cleaver-Hume Press Ltd.

Uspekhi Matematicheskikh Nauk, Vol XVI,
No 3, 1961.

Cleaver-Hume Press

Voprosy Onkologii, Vol VII, No 4,
1961.

Royer & Roger

Voyenno-Meditsinskiy Zhurnal, No 11,
1961.

JPRS 12766

Voyenno-Meditsinskiy Zhurnal, No 12,
1961.

JPRS 13063

Voyenny Vestnik,
No 1/6, 1962.

ACSI I-0424
ID 2191530

Zhurnal Eksperimental'noy i Teoreticheskoy Fiziki, Vol XLI, No 2, 1961.

Zhurnal Fizicheskoy Khimii, Vol XXXV, No 5, 1961.

Zhurnal Neorganicheskoy Khimii, Vol VI, No 3, 4, 1961.

Zhurnal Obshchey Khimii, Vol XXXI, No 6, 1961.

Zhurnal Strukturnoy Khimii, Vol II, No 1, 2, 4, 1961.

Zhurnal Tekhnicheskoy Fiziki, Vol XXXI, No 9, 1961.

AIP
Sov Phys - JETP
Vol XIV, No 2

Cleaver-Hume Press Ltd.

Cleaver-Hume Press Ltd.

CB

CB

AIP
Sov Phys - Tekh Phys
Vol VI, No 9

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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 dark ink, appearing to read "Sergio N. Alcivar".

Sergio N. Alcivar
Chief, CIA Declassification Center,
Declassification Review and Referral
Branch

Enclosures:

1. Declassification Review of CIA Documents at DTIC (with sanitization instructions for 3 documents)
2. Declassification Status of CIA Documents (hard copy) Referred by DTIC (with review processing sheets for each document)

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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
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AD0834351	78-03109A	50	1	6	49	Consolidated Translation Survey For January 1962	1/1/1962	341	Approved For Release	3/25/2004
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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
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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