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CONSOLIDATED TRANSLATION SURVEY

FOR MARCH 1961

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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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Queen Anne's Mansions  
St James Park  
London, SW 1, England

### Acta Metallurgica

122 East 55th Street  
New York 22, New York

AEC - Atomic Energy Commission (see Department of Commerce)

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

AERE Harwell Lib

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

AF

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

AGI

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

AGS

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

AGU

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

AIBS

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

AIP

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

Aluminum Lab

The Aluminium Laboratories, Ltd  
Banbury  
Oxfordshire, England

Amer Meteorol Soc

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

AMS - Army Map Service (see ACSI)

APL - Applied Physics Laboratory (see Navy)

ARS

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

ASLIB

Association of Special Libraries and Information Bureau  
4 Palace Gate  
London W 3, England

ATTC - Aerospace Technical Intelligence Center (see AF)

ATS

Associated Technical Services  
PO Box 271  
East Orange, New Jersey

BCRA

British Ceramic Research Association  
Queen's Road  
Penkhull  
Alvechurch, Birmingham  
England

BICTR

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

BISI

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

BTC

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

Bu of Census

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

Bu of Reclam

Bureau of Reclamation  
Technical Library  
Denver, Colorado

BuShips - Bureau of Ships (see Navy)

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88 Kingsway London, W.C.2

BWRA

British Welding Research Association  
Abington Hall, Abington  
Cambridge, England

CB

Consultants Bureau, Inc  
227 West 17th Street  
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Cleaver-Hume Press, Ltd

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

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

Corps of Engr (see ACSI)

CSIR

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

CSIRO

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

CTRA

The Coal Tar Research Association  
Oxford Road  
Gomersal, Leeds

CTT

Columbia Technical Translations  
5 Vermont Avenue  
White Plains, New York

Dept of Comm

Department of Commerce  
Office of Technical Services  
Washington 25, DC

Dept of Int

Department of Interior  
Library  
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Department of State  
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Washington, DC

DSI (British)

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

DSIR

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

DSIR LLU

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

DIMB - David Taylor Model Basin (see Navy)

Eagle Tech Publ

Eagle Technical Publications  
62b, Stapleton Hall Road  
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EIS

Engineering Information Services  
Kirkham,  
Preston  
Lancashire, England

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

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

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Geochem Soc

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

HB

Henry Brutcher Technical Translations  
PO Box 157  
Altadena, California

HO- Hydrographics Office (see Navy)

IASP

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

ID - Intelligence Document (see ACSI)

Infosearch Ltd

Infosearch Ltd  
242 Willesden Lane  
London, NW 10, England

Interntl Coop Admin

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

Interntl Phys Index

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

IP

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

ISA

Instrument Society of America  
313 Sixth Avenue  
Pittsburgh 22, Pennsylvania



JPLAI

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

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Joint Publications Research Service  
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Department of Commerce  
Office of Technical Services  
Washington 25, DC

Lang Sv Bu

Language Service Bureau  
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Cleveland 18, Ohio

LLU Tr Bul - Lending Library Unit Translation Bulletin

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

Maritime Adm

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

MDF

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

MEB

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541 West 113th Street  
New York 25, New York

MT

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

NASA

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

Natl Bu Stand

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

Navy

Department of Navy  
Office of Naval Intelligence  
Washington 25, DC

NIH

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

NRCC

National Research Council  
Library  
Ottawa 2, Canada

NRL - Naval Research Laboratory (see Navy)

Oliver & Boyd Ltd

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

ONI - Office of Naval Intelligence (see Navy)

OSA

Optical Society of America  
121 Lincoln Avenue  
Rochester, New York

OTIA - Ordnance Technical Intelligence Agency (see ACSI)

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

Pat Off

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

PERA

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

PP

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

PS

Primary Sources  
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RAE

Royal Aircraft Establishment  
Farnborough  
Hants, England

RAND Corp

RAND Corporation  
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RAPRA

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RRG

Review of Russian Geology  
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Duke University  
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Science Museum Library  
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London, SW 7, England

SIAM

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

Sky and Telescope

Sky Publishing Corporation  
Harvard College Observatory  
Cambridge 38, Massachusetts

SMRE

Ministry of Fuel and Power  
The Librarian  
Research Laboratory  
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London, EC 2, England

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

TIL - Technical Information Library (see DSI British)

TMS - Translation Miscellaneous Series (see BISI)

UK AEA

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

USACRAPAC, PD - US Army Command Reconnaissance Activities Pacific  
Command (see ACSI)

USASIA - US Army Signal Intelligence Agency (see ACSI)

USDA

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

USRL - US Research Laboratory (see Navy)

P R O J E C T S   R E P O R T E D  
F O R   M A R C H   1 9 6 1

USSR

Economic

The Economics of Soviet Trade -- Textbook,  
(NY-6036).  
RUSSIAN, bk, Ekonomika Sovetskoy Torgovli --  
Uchebnoye Posobiye, 1959, pp 50-101; 162-166;  
193-243.

\*JPRS

Economics of the Construction Industry of  
the USSR, by I. D. Krasnov, 97 pp.  
RUSSIAN, monograph, Ekonomika Stroitel'noy  
Industrii SSSR, 1960, pp 32-49, 71-129,  
287-316.

JPRS 6858

The Train Movement Chart, by A. V. Bascv, A.  
D. Karetnikov, (NY-6073).  
RUSSIAN, bk, Grafik Dvizheniya Poyezdov, 1960,  
315 pp.

\*JPRS

Labor Statistics in the USSR, by Ya. D. Kats,  
218 pp.  
RUSSIAN, bk, Ocherki Statistiki Truda, 1960,  
pp 1-212.

JPRS 4397

Plans for Development and Improvement of  
Highway Network, by V. A. Bochin, (NY-6070).  
RUSSIAN, bk, Perspektivy Razvitiya i Uluch-  
sheniya Seti Avtomobil'nykh Dorog, Moscow,  
1960, 62 pp.

\*JPRS

Selected Articles From the Russian Book  
Razvitiye Proizvoditel'nykh Sil Vostochnoy  
Sibiri - Mashinostroyeniye, 1959, (DC-5488).

\*JPRS

Specialization and Problems of Develop-  
ment of the Machine Building Industry of  
the Krasnoyarskiy Economic Region, by I.  
F. Petrov, (pp 29-32).

Long-Range Development and Distribution  
of Machine Building of the Baykal Region,  
by Yu. K. Kozlov, (pp 42-45).

USSR  
Economic (Contd)

Selected Articles From the Russian Book  
Razvitiye Proizvoditel'nykh Sil Vostochnoy  
Sibiri - Mashinostroyeniye, 1959, (DC-5488).

\*JPRS

Distribution of Machine Building Complexes in the Krasnoyarskiy Kray and Irutskaya Oblast, by Ye. L. Rokhlin, (pp 46-53).

On the Long-Range Development of the Production of Machine Tools- Woodworking Machines, Presses and Forgings Equipment, Tools, and Abrasive Materials in Eastern Siberia, (pp 55-59).

The Development and Distribution of Agriculture According to the Natural Farming Areas of the USSR, by P. M. Zemskiy, 464 pp.  
RUSSIAN, monograph, Razvitiye i Razmeshcheniye  
Zemledeliya po Prirodno-Khozyaystvennym  
Rayonam SSSR, 1959, pp 1-299.

JPRS 6785

List of Subscribers - Part I - Telephones of Organizations, Institutions and Businesses, Russian Telephone Directory.  
RUSSIAN, bk, Spisok Abonentov - Chast I -  
Telefona Organizatsiy, Uchrezhdeniy i  
Predpriyatiy, 1958, pp II, II-VII, XII-XX,  
XXIII, XXIV.

\*ATIC MCL-840/1

The Fuel and Power Industry of the USSR, 1959-1965, by A. F. Zasyad'ko, 94 pp.  
RUSSIAN, bk, Toplivno-Energeticheskaya  
Promyshlennost' SSR 1959-1965, 1959.

JPRS 6839

Vehicle Driving Under Difficult Conditions, by Kh. V. Vlasov, 132 pp.  
RUSSIAN, bk, Vozhdeniye Avtomobilya v  
Slozhnykh Usloviyakh, 1959.

ACSI, H-6907  
ID 2147224

USSR  
Economic (Contd)

The New Wage Conditions for Railroad Signaling and Communications Personnel, by I. K. Bogdanov, 5 pp.  
RUSSIAN, per, Avtom, Telemekh i Svyaz', No 10, 1960, pp 1, 2.

JPRS 6861

Test Results of the PAZ-652 Bus, by I. Bilibin, D. Levin, Yu. Sorochkin, 8 pp.  
RUSSIAN, per, Avtom Transport, No 6, 1958, pp 36-39.

ACSI E-4779  
ID 2163945

The New Wage Payment Conditions for Motor Transportation Personnel, by A. Semenov, 18 pp.  
RUSSIAN, per, Avtom Transport, No 11, 1960, pp 32-38.

JPRS 6861

Fully Prepared, We /Motor Transport/ Are Meeting the Third Year of the Seven Year Plan, by F. Kalabukhov, (NY-5100/6).  
RUSSIAN, per, Avtomobil Transport, No 1, 1961, pp 1-4.

\*JPRS

Why the Lag in the Construction of the Sumgait Superphosphate Plant, by Shalganov, 3 pp.  
RUSSIAN, np, Bakinskiy Rabochiy, 22 Nov 1960.

JPRS 7818

Manufacture of Wonderous Products. III. Unlimited Reserves, by K. Daizade, 3 pp.  
RUSSIAN, np, Bakinskiy Rabochiy, 23 Nov 1960.

JPRS 7833

Insure Full Mechanization in Cotton Growing and Corn Cultivation in Kolkhozes and Sovkhozes of the Azerbaydzhan SSR During 1961, 4 pp.  
RUSSIAN, np, Bakinskiy Rabochiy, 27 Nov 1960.

JPRS 6873

A Complex of Machines in the Fields, 3 pp.  
RUSSIAN, np, Bakinskiy Rabochiy, 30 Nov 1960.

JPRS 6927

To Accomplish All That Is Possible In Drilling Operations, by G. Ter-Avakov, P. Nazarov, G. Finkel'shteyn, (NY-3000/40).  
RUSSIAN, np, Bakinskiy Rabochiy, 4 Jan 1961.

\*JPRS



USSR

Economic (Contd)

Ways of Increasing Labor Productivity at Open-Pit Coal Mines, by N. Gorbunov, G. Volkov, Z. Chayka, 5 pp.

RUSSIAN, per, Byul Nauch Informatsii: Trud i Zarabotnaya Plata, No 9, 1960, pp 3-6.

JPRS 6768

Methods of Measuring Labor Productivity in Freight and Passenger Haulage in Railroad Transportation, by V. Bondarenko, 4 pp.

RUSSIAN, per, Byul Nauch Informatsii: Trud i Zarabotnaya Plata, No 9, 1960, pp 12-15.

JPRS 6768

Results of Converting Coal and Shale Industry Enterprises to the Shorter Workday and New Payment Conditions, by S. Pinskiy, 4 pp.

RUSSIAN, per, Byul Nauch Informatsii: Trud i Zarabotnaya Plata, No 9, 1960, pp 41-44.

JPRS 6768

The Mechanization of Administrative Operations (New Automation Equipment), by S. Savichev, (NY-5500/4).

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\*JPRS

Models p 969, p 952, and p 982 Hydraulic Presses With Programmed Operation, by B. Ya. Fikhman, (NY-2900/53).

RUSSIAN, per, Byul' Tekh-Ekon Informatsii, Dec 1960, pp 12-15.

\*JPRS

Model P-940 Molding Press, by N. I. Nayguz, (NY-2900/53).

RUSSIAN, per, Byul' Tekh-Ekon Informatsii, Dec 1960, pp 15-18.

\*JPRS

Basic Types of Motor Vehicles and Engines Planned for Production in the Seven-Year Plan at the Gor'kiy Zavolzh'ye Plants, by A. D. Prosvirmin, (NY-2900/53).

RUSSIAN, per, Byul' Tekh-Ekon Informatsii, Dec 1960, pp 49-55.

\*JPRS

The Further Development of Trade, by P. Novoselov, 5 pp.

RUSSIAN, per, Den'gi i Kredit, No 11, 1960, pp 5-9.

JPRS 6818

USSR  
Economic (Contd.)

Specialized Universal Parts Production,  
4 pp.

RUSSIAN, np, Ekonomicheskaya Gazeta,  
27 Jul 1960.

JPRS 4413

Economic Work -- at the Highest Level,  
by M. Solomentsev, 5 pp.

RUSSIAN, np, Ekonomicheskaya Gazeta,  
14 Aug 1960.

JPRS 7944

Expanding the Production of Synthetic Urea,  
by I. Belousov, 4 pp.

RUSSIAN, np, Ekonomicheskaya Gazeta,  
15 Nov 1960.

JPRS 7818

Rural Electric Power Engineers in the  
USSR Need Help, by I. Smirnov, 3 pp.

RUSSIAN, np, Ekonomicheskaya Gazeta,  
29 Nov 1960.

JPRS 6779

Problems in Tractor Building, by A. Izotov,  
(DC-2700/63).

RUSSIAN, np, Ekonomicheskaya Gazeta,  
8 Dec 1960.

\*JPRS

Progressive Methods of Automation in  
Production, (SF-1640).

RUSSIAN, np, Ekonomicheskaya Gazeta,  
No 38, 14 Feb 1961, p 3.

\*JPRS

New Purchase Prices and Development of  
Kolkhoz Production, by D. Korovyakovskiy,  
(DC-2700/60).

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

\*JPRS

Questions of Distribution in the Period  
of Building Communism, by N. Kirillova,  
(DC-4700/6).

RUSSIAN, per, Ekonomicheskiye Nauki, No  
4, 1960, pp 128-135.

\*JPRS

Study of Kolkhoznik Family Budgets, by  
I. Matyukha, 7 pp.

RUSSIAN, per, Ekonomicheskaya Gazeta, No 11,  
1960, pp 31-35.

JPRS 6736

USSR  
Economic (Contd)

Complete Mechanization - The Main Condition  
to Raising Labor Productivity [In Agriculture],  
by S. Frayer, (DC-4700/7).  
RUSSIAN, per, Ekon Sel'skogo Khoz, No 1, 1961,  
pp 84-89.

\*JPRS

Main Line Diesel Locomotive TG-102 With  
Hydraulic Transmission, by N. A. Turik, A.  
N. Konyayev, Yu. G. Kirillov, (NY-5100/6).  
RUSSIAN, per, Elektro Teplov Tyaga, No 1,  
1961, pp 8-11.

\*JPRS

Conference Concerning Transformer Manufacture,  
by A. G. Krayz, 14 pp.  
RUSSIAN, per, Elektrichestvo, No 7, 1960,  
pp 89-93.

JPRS 7856

Improve Control Over the Activity of Personal  
Services Enterprises and Taxation of Artisans,  
by F. Uryupin, 3 pp.  
RUSSIAN, per, Finansy SSSR, No 10, 1960, pp  
14-17.

JPRS 6736

Improvement of Finances for Soviet Trade,  
by G. Gofman, (DC-5050/3).  
RUSSIAN, per, Finansy SSSR, No 11, 1960,  
pp 20-26.

\*JPRS

Reserves for Decreasing Administrative  
Expenditures [In Latvian SSR Trade Organiza-  
tions], by V. Ivanov, (DC-5050/3).  
RUSSIAN, per, Finansy SSSR, No 12, 1960,  
pp 59-62.

\*JPRS

Construction Industry Enterprises in Electric  
Power Construction, by P. S. Neporozhniy,  
(DC-4600/6).  
RUSSIAN, per, Gidrotekh Stroitel', No 11,  
1960, pp 1-5.

\*JPRS

The Kremenchug Hydroelectric Power Station  
on the Dnieper River, by I. N. Kuzemin,  
18 pp.  
RUSSIAN, per, Gidrotekh Stroitel', No 11,  
1960, pp 6-14.

JPRS 6779

USSR  
Economic (Contd)

Technical Progress in Power Construction and Problems of Complete Electrification of the USSR, by P. S. Neporozhniy, (DC-4600/6). RUSSIAN, per, Gidrotekh Stroitel', No 12, 1960, pp 16-22.

\*JPRS

On the Processing of Ferro Quartzites at the Mikhaylovskoye Deposit of the Kursk Magnetic Anomaly, by V. V. Rzhetskiy, (NY-5978). RUSSIAN, per, Gornyy Zhur, No 1, 1961, pp 18-22.

\*JPRS

On the Possibilities for Open-Pit Mining of the Rich Ores and Ferro Quartzites of the Kursk Magnetic Anomaly, by N. V. Mel'nikov, B. A. Simkin, Ye. M. Pakhomov, (NY-5978). RUSSIAN, per, Gornyy Zhur, No 1, 1961, pp 22-25.

\*JPRS

Wage Reforms in Railroad Transportation, 3 pp. RUSSIAN, np, Gudok, 19 Oct 1960.

JPRS 6768

Friendship Railroad in Operation, 8 pp. RUSSIAN, np, Gudok, 3 Nov 1960.

JPRS 7745

New Tasks of Transport Construction Workers, (NY-5100/6). RUSSIAN, per, Gudok, 15 Feb 1961.

\*JPRS

Spend Each Ruble of the Transportation Budget Carefully, (DC-5100/6). RUSSIAN, per, Gudok, 18 Feb 1961.

\*JPRS

Tbilisi Electric Locomotives, (NY-5100/6). RUSSIAN, per, Gudok, 26 Feb 1961.

\*JPRS

Driving Masters School, by V. Svirin, 3 pp. RUSSIAN, per, Ilyustrirovannaya Gazeta, Aug 1960, p 7.

ACSI H-7649  
ID 2152368

On the Kazakhstan Coal Balance, by Yu. M. Rozental', G. Ye. Khrapkov, (NY-3000/36). RUSSIAN, per, Iz Ak Nauk Kazakhskoy SSR, No 2(13), 1960, pp 32-37.

\*JPRS

USSR

Economic (Contd)

Municipal Construction and Water Supply,  
by V. A. Klyachko, 14 pp.

RUSSIAN, per, Iz Ak Stroitel'stva i  
Arkhtektury, No 2, 1960, pp 88-94.  
(Call No TH 4, I 985, Eng Tr).

AMS

Successes of Soviet Electric Spindle  
Making, (DC-5487).

RUSSIAN, per, Iz Vysshikh Ucheb Zaved,  
Mash, No 11, 1960, pp 130-134.

\*JPRS

Dzhezkazgan Copper, by K. Saglin, (NY-3001/26).

RUSSIAN, np, Kazakhstanskaya Pravda, 16 Mar 1960.

\*JPRS

Disrupting Factor in the Development of New  
Machines, by N. Loktev, 3 pp.

RUSSIAN, np, Kazakhstanskaya Pravda,  
10 Dec 1960.

JPRS 6873

Ferrous Metallurgy, by D. Onika, (NY-3000/37).

RUSSIAN, np, Kazakhstanskaya Pravda, No 27  
(10,861), Alma-Ata, 1 Feb 1961, p 1.

\*JPRS

The Economic Soundness of the System of Con-  
ducting Agriculture in Uzbek SSR, by K. I.  
Lapkin, 9 pp.

RUSSIAN, per, Khlopkovodstvo, No 9, 1960,  
pp 7-11.

JPRS 6811

The Development of Agriculture in the  
Kirgis SSR During the Seven-Year Plan  
Period, by N. I. Kostyuk, (DC-2700/59).  
RUSSIAN, per, Khlopkovodstvo, No 11,  
1960, pp 4-10.

\*JPRS

Problems in the Production and Procurement  
of Livestock Products, by R. Nazarov,  
(DC-2700/62).

RUSSIAN, per, Kommunist, No 17, Nov 1960,  
pp 60-66.

\*JPRS

Progress of the Seven-Year Plan in  
Kirovakan Chemistry Industry, 3 pp.  
RUSSIAN, np, Kommunist, 26 Nov 1960.

JPRS 7901

Socialistic Obligations Must Be Fulfilled,  
by P. Strautmanis, (DC-2700/62).

RUSSIAN, per, Kommunist Sovetskoy Latvii,  
No 11, 1960, pp 16-23.

\*JPRS

USSR  
Economic (Contd)

Kazakh Footwear Industry, by F. P. Reshchetnikov,  
4 pp.

RUSSIAN, per, Kozhevenno-Obuvnaya Prom, No 10,  
1960, pp 4-6.

JPRS 6736

Drivers' Wages [in the Timber Industry],  
6 pp.

RUSSIAN, np, Les Prom, 11 Oct 1960.

JPRS 6768

Remuneration of Workers in Forestry Enterprises, 6 pp.

RUSSIAN, np, Les Prom, 15 Oct 1960.

JPRS 6861

Rate of Fulfillment of the CPSU and Council of Ministers USSR Decree on Measures to Liquidate the Lag in the Cellulose-Paper Industry, by G. M. Orlov, (DC-5050/3).

RUSSIAN, np, Les Prom, 18 Jan 1961, pp 2, 3.

\*JPRS

Rate of Fulfillment [in the RSFSR] of the CPSU and Council of Ministers USSR Decree on Measures to Liquidate the Lag in the Cellulose-Paper Industry, by K. M. Gerasimov, (DC-5050/3).

RUSSIAN, np, Les Prom, 19 Jan 1961, pp 1, 2.

\*JPRS

Manufacture of Castings, 8 pp.

RUSSIAN, per, Lit Proiz Vodstvo, No 3, 1959.

ACSI H-4974  
ID 2163944

The Utilization of the Hydraulic Tracer Drive for the Automation of Equipment, 4 pp.  
RUSSIAN, per, Mekh i Avtomat, No 7, 1960,  
pp 59, 60.

JPRS 7785

Selecting the Components of an Automatic Line for the Assembly of Printed Subassemblies of Radio Equipment, by A. I. Morozov, (NY-5500/4).

RUSSIAN, per, Mekh i Avtomat Proizvodstva,  
Nov 1960, pp 7-10.

\*JPRS

Long Range Development of Construction and Road Machines and Equipment for the Construction Materials Industry, by S. V. Yevstafeyev,  
12 pp.

RUSSIAN, per, Mekh Stroitel, No 9, 1960,  
pp 4-7.

JPRS 7737

USSR

Economic (Contd)

Long Range Technical Development of Road Machinery, by I. P. Brodachev, 8 pp.  
RUSSIAN, per, Mekh Stroitel, No 9, 1960, pp 8-11.

JPRS 7737

Economic Competition of the Two Systems and the Problem of Aid to Underdeveloped Countries, by V. Rymalov, 9 pp.  
RUSSIAN, per, Mirovaya Ekon i Mezhdunarodnye Otnosheniya, No 2, 1960.

Interntl Arts & Sci Press  
Problems of Economics  
Vol III, No 8

Principal Structural Changes in the Economies of Underdeveloped Countries, by V. Tyagunenko, 12 pp.  
RUSSIAN, per, Mirovaya Ekon i Mezhdunarodnye Otnosheniya, No 3, 1960.

Interntl Arts & Sci Press  
Problems of Economics  
Vol III, No 8

The Development of Electrification in Kazakhstan, by B. Akatov, P. Krupko, 5 pp.  
RUSSIAN, per, Narod Khoz Kazakh, No 10, 1960, pp 27-31.

JPRS 6779

For Greater Industrialization in Construction, by A. Klinkov, (NY-2800/22).  
RUSSIAN, per, Narod Khoz Kazakh, No 12, 1960, pp 19-22.

\*JPRS

The New Government Purchase Prices and the Development of Collective Farm Production, by D. Korovyakovskiy, 8 pp.  
RUSSIAN, per, Nauch Dok Vysshey Shkoly, Ekon Nauk, No 3, 1960.

Interntl Arts & Sci Press  
Problems of Economics  
Vol III, No 9

Full Automation of Production and Automatic Rotary Lines, by L. Koshkin, 6 pp.  
RUSSIAN, per, Nauchno-Tekhnicheskoye Obshch SSSR, No 5, 1960, pp 29-32.

JPRS 7785

A Sure Way To Increase Yields, by N. Sokolov, (DC-2700/62).  
RUSSIAN, per, Nauchno-Tekh Obshch SSSR, No 1, 1961, pp 3-6.

\*JPRS

Socio-Economic Statistics, by L. M. Kaplan, 9 pp.  
RUSSIAN, per, Nauch Zapiski, No 19, 1959, pp 170-177.

JPRS 6821

USSR  
Economic (Contd)

Gross Turnover in the Foundation of the Plan (in Public Catering Enterprises), by A. Rukhlenko, 5 pp.  
RUSSIAN, per, Obshch Pitaniye, No 12, 1960, pp 41-43.

JPRS 6818

Public Catering in the Seven-Year Plan Period, by L. I. Shpungin, 9 pp.  
RUSSIAN, per, Obshch Pitaniye v Semiletke, 1960, pp 7-23.

JPRS 6736

Ways of Lowering the Production Costs of Industrial Products in the Seven-Year Plan, by M. Mikhaylov, (NY-3001/22).  
RUSSIAN, per, Plan Khoz, No 12, 1959, pp 30-34.

\*JPRS

Methods of Preparing an Inter-Branch Balance, by L. Berri, A. Efimov, 12 pp.  
RUSSIAN, per, Plan Khoz, No 5, 1960.

Internatl Arts & Sci Press  
Problems of Economics  
Vol III, No 8

The Study of the Balance of the National Economy in the Socialist Countries, by T. Riabushkin, 5 pp.  
RUSSIAN, per, Plan Khoz, No 5, 1960.

Internatl Arts & Sci Press  
Problems of Economics  
Vol III, No 8

Some Theoretical Questions of Inter-Branch and Inter-Regional Balances of Production and Distribution of Output, by V. Nemchinov, 9 pp.  
RUSSIAN, per, Plan Khoz, No 5, 1960.

Internatl Arts & Sci Press  
Problems of Economics  
Vol III, No 8

The Economics of Nonferrous Metals in the National Economy of the USSR, by A. Dolgov, M. Istrin, (NY-3001/22).  
RUSSIAN, per, Plan Khoz, No 5, 1960, pp 60-65.

\*JPRS

Three Years of Work Under New Conditions - An Economic Survey, by A. Vedishchev, 10 pp.  
RUSSIAN, per, Plan Khoz, No 7, 1960.

Internatl Arts & Sci Press  
Problems of Economics  
Vol III, No 9

A System of Indicators for the Economic Competition Between the USSR and the US, by G. Karkhin, (DC-5451).  
RUSSIAN, per, Plan Khoz, No 9, 1960, pp 32-40.

\*JPRS



USSR

Economic (Contd)

Revaluation of Fixed Capital in the Soviet Economy, by L. Volodarskiy, 7 pp. RUSSIAN, per, Plan Khoz, No 10, 1960.

Interntl Arts & Sci Press  
Problems of Economics  
Vol III, No 9

Changes in the Structure of Modern Industry, by Ya. Ioffe, 8 pp. RUSSIAN, per, Plan Khoz, No 10, 1960.

Interntl Arts & Sci Press  
Problems of Economics  
Vol III, No 9

The Development of Communications Facilities in the USSR, 11 pp. RUSSIAN, per, Plan Khoz, No 12, 1960, pp 24-31.

JPRS 4392

Caution? No - Conservatism, by A. Tselikov, 8 pp. RUSSIAN, np, Pravda, 29 Aug 1960.

JPRS 7882

Metal and Chemical Products, by I. Usyukin, 6 pp. RUSSIAN, np, Pravda, 14 Sep 1960.

JPRS 7944

Siberian Textiles, by Z. Mandrusov, L. Dobromyslova, 3 pp. RUSSIAN, np, Pravda, 21 Sep 1960, p 3.

JPRS 6736

The Plant Is Offended by the Sovnarkhoz, by N. Dmitriyev, 3 pp. RUSSIAN, np, Pravda Ukrainy, 21 Aug 1960.

JPRS 7901

New Electrical Products Made by USSR Plants, 4 pp. RUSSIAN, per, Prom Energ, No 6, 1960, p 48.

JPRS 7856

Complete the Radiofication of the Country, 5 pp. RUSSIAN, per, Radio, No 12, 1960, pp 1, 2.

JPRS 4392

The New Wage System for River Fleet Personnel, by M. Nazarov, 8 pp. RUSSIAN, per, Rechnoy Transport, No 10, 1960, pp 1-5.

JPRS 6768

The Task of Winter Season Ship-Repair, 10 pp. RUSSIAN, per, Rechnoy Transport, No 10, 1960, pp 5-8.

JPRS 7745

USSR  
Economic (Contd)

The New Wage System for Personnel of River  
Fleet Operational Repair Bases, by V. Gabinskiy,  
12 pp.

RUSSIAN, per, Rechnoy Transport, No 10, 1960,  
pp 25-28.

JPRS 6768

Shallow-Draft River Tanker, by A. Birin,  
R. Danchenko, (NY-5100/6).

RUSSIAN, per, Rechnoy Transport, No 1,  
1961, pp 27-30.

\*JPRS

High Rates of Beet Harvesting, 5 pp.

RUSSIAN, per, Sakharnaya Svekla, No 9,  
1960, pp 1-3.

JPRS 6822

The Struggle Against Pests on Virgin  
Fields, by I. Polyakov, 3 pp.

RUSSIAN, np, Sel'skaya Zhizn', No 195,  
3 Dec 1960, p 2.

JPRS 6765

Problems of Seed Growing on Virgin Soil  
in Siberia, by A. Goergiyev, F. Shevchenko,  
6 pp.

RUSSIAN, np, Sel'skaya Zhizn', No 205,  
17 Dec 1960, p 2.

JPRS 6765

Wage Reforms in the Fish Industry, by  
V. Kopytin, V. Rappay, 8 pp.

RUSSIAN, per, Sotsial Trud, No 1, 1960,  
pp 63-69.

JPRS 6768

Wage Reforms in the Construction Materials  
Industry, by M. Zagorchik, 10 pp.

RUSSIAN, per, Sotsial Trud, No 2, 1960,  
pp 48-55.

JPRS 6768

Technical Progress and Combining Jobs,  
by K. Varshevskiy, 4 pp.

RUSSIAN, per, Sotsial Trud, No 7, 1960,  
pp 20-23.

JPRS 6768

Cash Wages in Siberian Kolkhozes, by G.  
Kulik, A. Korovin, 8 pp.

RUSSIAN, per, Sotsial Trud, No 9, 1960,  
pp 28-34.

JPRS 6768

USSR  
Economic (Contd)

Questions Concerning Wage Reforms  
for Personnel in the Nonproductive  
Branches, by N. Milaganov, 9 pp.  
RUSSIAN, per, Sotsial Trud, No 9,  
1959, pp 46-52.

JPRS 6768

Wage Reforms for Railroad Transportation  
Personnel, by V. Peretrutov, 11 pp.  
RUSSIAN, per, Sotsial Trud, No 10, 1960,  
pp 41-49.

JPRS 6861

Reforming Wages for Motor Transportation  
and Highway Personnel, by P. Ulitskiy,  
8 pp.  
RUSSIAN, per, Sotsial Trud, No 10, 1960,  
pp 51-55.

JPRS 6861

The Experience of Belorussian Enterprises  
Under the New Conditions, by A. Khotenchik,  
I. Lutsenko, 5 pp.  
RUSSIAN, per, Sotsial Trud, No 10, 1960,  
pp 118-121.

JPRS 6861

New Equipment and Increasing the Qualifica-  
tions of Workers at the Stalingrad Tractor  
Plant, by V. Zakharova, Kh. Rodrigues, (DC-  
2700/63).  
RUSSIAN, per, Sotsial Trud, No 11, 1960,  
pp 115-120.

\*JPRS

The Problem of Cash Wages in Kokhozes, by  
V. Smirnov, (DC-4700/7).  
RUSSIAN, per, Sotsial Trud, No 12, 1960,  
pp 21-24.

\*JPRS

Problems of Mechanizing Labor in Machine  
Building, by Ye. Voronin, (DC-4700/6).  
RUSSIAN, per, Sotsial Trud, No 12, 1960,  
pp 52-62.

\*JPRS

USSR Population Distribution by Social  
Groups. Branches of the National Economy  
and Occupations, and the Educational  
Level of Workers Engaged in Physical and  
Mental Labor, (DC-4700/6).  
RUSSIAN, per, Sotsial Trud, No 1, 1961,  
pp 10-22.

\*JPRS

USSR  
Economic (Contd)

Potentials of Increasing Labor Productivity in  
USSR Agriculture, by Ye. Karnaukhova, (DC-4700/6).  
RUSSIAN, per, Sotsial Trud, No 1, 1961, pp 23-31. \*JPRS

The New Wage System for the Civil Air Fleet,  
by I. Snigireva, (DC-4700/6).  
RUSSIAN, per, Sotsial Trud, No 1, 1961,  
pp 68-73. \*JPRS

Wage Reforms and Production Potentials, by  
N. Krivtsov, (DC-4700/6).  
RUSSIAN, per, Sotsial Trud, No 1, 1961,  
pp 74-79. \*JPRS

Harvesting Potatoes, Sugar Beets, and Vegeta-  
bles in Belorussia, 3 pp.  
RUSSIAN, np, Sovetskaya Belorussiya, No 235,  
5 pp. JPRS 6765

Improved Equipment, by I. Kotenok, 4 pp.  
RUSSIAN, np, Sovetskaya Belorussiya,  
29 Nov 1960. JPRS 6927

Regulate Delivery of Goods to the Cooperatives,  
by A. Tolokonskiy, A. Turov, 6 pp.  
RUSSIAN, per, Sovet Potrebitel'skaya Kooperatsiya,  
No 9, 1960, pp 15-17. JPRS 6736

The Reorganization of Rural Living Conditions  
and the Consumer Cooperative System, by S.  
Vasil'yev, 5 pp.  
RUSSIAN, per, Sovet Potrebitel'skaya Kooperatsiya,  
No 11, 1960, pp 49-51. JPRS 6818

Economic Accountability in USSR Consumer  
Cooperatives, by A. Bykov, 8 pp.  
RUSSIAN, per, Sovet Potrebitel'skaya  
Kooperatsiya, No 11, 1960, pp 52-55. JPRS 6818

Technical Progress and Labor Safety, by M.  
Tsyganov, V. Mikhaylova, 9 pp.  
RUSSIAN, per, Sovet Profsoyusy, No 19,  
Oct 1960, pp 33-36. JPRS 7811

Achievement in Voskresensk, 5 pp.  
RUSSIAN, np, Sovetskaya Rossiya, 15 Dec 1960. JPRS 7882

USSR  
Economic (Contd)

Selected Articles From the Russian Periodical  
Sovet Torg

|                                                                                                    |           |
|----------------------------------------------------------------------------------------------------|-----------|
| No 10, 1960, pp 11-13                                                                              | JPRS 6736 |
| Unmarketable Goods and Their Price<br>Reductions, by M. Zak, 4 pp.                                 |           |
| No 11, 1960.                                                                                       |           |
| Wage Reforms for Sales Personnel, by<br>N. Vasenin, 5 pp. (pp 11-12).                              | JPRS 6861 |
| Soviet Trade in the Armenian SSR in<br>40 Years, by A. Piruzyan, 3 pp, (pp 33-36).                 | JPRS 6736 |
| No 12, 1960, pp 12-15.                                                                             | JPRS 6818 |
| Planning the Assortment of Goods, by<br>Ya. Sapel'nikov, 6 pp.                                     |           |
| Improvement of Wholesale Trade in Footwear, by<br>N. Kuz'menkov, 3 pp.                             |           |
| RUSSIAN, np, <u>Sovet Torg</u> , 17 Nov 1960, p 2.                                                 | JPRS 6736 |
| An Important Link, [Improvements in Wholesale<br>Trade] by R. Vester, (DC-5054/4).                 |           |
| RUSSIAN, np, <u>Sovet Torg</u> , 18 Feb 1961, p 2.                                                 | *JPRS     |
| Further Development of Public Catering, by<br>V. Trofimova, (DC-5054/4).                           |           |
| RUSSIAN, np, <u>Sovet Torg</u> , 28 Feb 1961, p 2.                                                 | *JPRS     |
| Stalinskiy Sovnarkhoz Plants Are Violating<br>GOSTs [State Standards], by L. A. Sipyagin,<br>6 pp. |           |
| RUSSIAN, per, <u>Standardizatsiya</u> , No 9, 1960,<br>pp 51, 52.                                  | JPRS 7811 |
| Construction Machines and Mechanisms, 4 pp.                                                        |           |
| RUSSIAN, per, <u>Stroitel'</u> , No 8, 1960, pp 27,<br>28.                                         | JPRS 7737 |
| Construction Machinery, by Ye. Semodoyev,<br>5 pp.                                                 |           |
| RUSSIAN, per, <u>Stroitel i Arkhitektura Moskv</u> ,<br>No 9, 1960, pp 8, 9.                       | JPRS 7799 |

USSR  
Economic (Contd)

A Universal Excavator on a Self-Propelled Chassis, by L. I. Aver'yanov, A. A. Bulanov, A. P. Fedorov, N. N. Khlopotov, 4 pp.  
RUSSIAN, per, Stroitel i Dorozhnoye Mashinostroyeniye, No 7, 1960, pp 1-5.

JPRS 7737

The MZS-13 Machine for Driving Pile Screws, by D. A. Shalman, 3 pp.  
RUSSIAN, per, Stroitel i Dorozhnoye Mashinostroyeniye, No 7, 1960, pp 24, 25.

JPRS 7737

The Rise of Bol'shoy Dzhzhkazgan, by K. Seglin, (NY-3001/26).  
RUSSIAN, np, Stroitel'naya Gazeta, 13 Jan 1960.

\*JPRS

Electric Giants of the Seven-Year Plan, (DC-4600/6).  
RUSSIAN, np, Stroitel'naya Gazeta, 25 Dec 1960, p 2.

\*JPRS

Firstly, There Was No Equipment Available...  
/for Prefabricated Construction Elements Plants/, by V. Selyumin, (NY-2800/22).  
RUSSIAN, np, Stroitel'naya Gazeta, 18 Jan 1961, p 2.

\*JPRS

Icebreaker-Transport Ships for the Arctic, by N. T. Maklakov, (NY-5100/6).  
RUSSIAN, per, Sudostroyeniye, No 1, 1961, pp 4-9.

\*JPRS

Fishing Trawler Leskov, by Ye. V. Kamenskiy, F. P. Muragin, (NY-5100/6).  
RUSSIAN, per, Sudostroyeniye, No 2, 1961, pp 1-5.

\*JPRS

Use All Resources in Hog Raising, by Ye. M. Chekmenev, 8 pp.  
RUSSIAN, per, Svinovodstvo, No 9, 1960, pp 2-7.

JPRS 6822

Prospects for Television Development in the USSR, by G. O. Zhizhnevskiy, (SF-1200/6).  
RUSSIAN, per, Tekh Kino i Televideniya, No 1, 1961, pp 7-10.

\*JPRS

USSR  
Economic (Contd)

The Immediate Task in Developing Tractor Equipment, by S. I. Akopyan, (DC-2700/61).  
RUSSIAN, per, Traktory i Sel'khoz mashiny,  
No 12, 1960, pp 1-4.

\*JPRS

Machines for the Northwest Zone, by S. Betin, (DC-2700/61).  
RUSSIAN, per, Traktory i Sel'khoz mashiny,  
No 12, 1960, pp 20-24.

\*JPRS

New Agricultural Machines State Tested in 1960, by G. A. Nikol'yev, (DC-2700/61).  
RUSSIAN, per, Traktory i Sel'khoz mashiny,  
No 12, 1960, pp 28-31.

\*JPRS

Mechanization and Automation Production Processes at the Stalingrad Tractor Plant, by M. S. Sidel'nikov, (DC-2700/61).  
RUSSIAN, per, Traktory i Sel'khoz mashiny,  
No 12, 1960, pp 31-34.

\*JPRS

Workdays of Kazakhstan Magnitka, by G. Spridonov, A. Ibragimov, 4 pp.  
RUSSIAN, np, Trud, 13 Aug 1960.

JPRS 7944

Tractors of the Future Are Needed Now, by M. Yakobi, 3 pp.  
RUSSIAN, np, Trud, 23 Nov 1960.

JPRS 6927

Production of Superphosphate in Voskresensk, 3 pp.  
RUSSIAN, np, Trud, 27 Nov 1960.

JPRS 7833

The Technology of Producing Nonferrous Metals in the Kazakh SSR, by A. M. Sirazutdinov, (NY-3001/23).  
RUSSIAN, per, Tsvetnyye Metally, No 9, 1960, pp 8-12.

\*JPRS

At the Scientific-Technical Society for Nonferrous Metallurgy, by N. V. Gudima, V. A. Frolov, (NY-3001/23).  
RUSSIAN, per, Tsvetnyye Metally, No 9, 1960, pp 80-86.

\*JPRS

Ten Million Tons of Petroleum, by S. Shakhorov, 5 pp.  
RUSSIAN, np, Turkmeneskaya Iskra, 5 Nov 1960.

JPRS 7833

USSR  
Economic (Contd)

Higher Speeds Planned for Tractors, by  
L. Pavlov, 4 pp.  
RUSSIAN, mp, Turkmenskaya Iskra, 2 Dec 1960.

JPRS 6927

Awarding of Prizes to Participants at the  
1959 Exposition on the Achievements of the  
National Economy [New Products of USSR  
Electrical Industry], by R. P. Vcherashniy,  
M. A. Borisov, 16 pp.  
RUSSIAN, per, Vest Elektroprom, No 7, 1960,  
pp 5-91.

JPRS 7764

The Electrical Engineering Industry of  
Moscow on the Upswing, by B. Sh. Tabachnik,  
13 pp.  
RUSSIAN, per, Vest Elektroprom, No 7, 1960,  
pp 10-16.

JPRS 7764

Along the Road of Technical Progress, by  
P. M. Ipatov, 4 pp.  
RUSSIAN, per, Vest Elektroprom, No 7,  
1960, pp 16, 17.

JPRS 7764

For the Implementation of the Decisions  
of the Plenum of the Central Committee  
of the Communist Party of the Soviet  
Union, 7 pp.  
RUSSIAN, per, Vest Elektroprom, No 8, 1960,  
pp 1-3.

JPRS 7764

The Economic Nature of Awards for Inventions  
and Rationalization Proposals, by Yu. S.  
Nekhoroshev, 10 pp.  
RUSSIAN, per, Vest Leningrad U, No 17,  
1960, pp 5-12.

JPRS 6861

The Economic Nature of Remuneration for  
Inventions and Rationalization Suggestions,  
by Yu. S. Nekhoroshev, 6 pp.  
RUSSIAN, per, Vest Lenin U, Ser Ekon,  
Filosofiy i Prava, No 3, 1960.

Interntl Arts & Sci Press  
Problems of Economics  
Vol III, No 8

Price Fixing for Some Species of Farm  
Products, by M. A. Alekseyev, 4 pp.  
RUSSIAN, per, Vest Lenin U, Ser Ekon,  
Filosofiy i Prava, No 3, 1960.

Interntl Arts & Sci Press  
Problems of Economics  
Vol III, No 9



USSR

Economic (Contd)

Achievements of Agricultural Science in Soviet Latvia, by Ya. F. Vanag, 6 pp.  
RUSSIAN, per, Vest Sel'skokhoz Nauk, Vol V, No 7, 1960, pp 10-13.

JPRS 6886

Agricultural Science in Soviet Estonia, by A. Ya. Talvoya, 8 pp.  
RUSSIAN, per, Vest Sel'skokhoz Nauk, Vol V, No 7, 1960, pp 14-20.

JPRS 6886

Specialization and Concentration in Agricultural Production, by S. G. Kolesnev, 9 pp.  
RUSSIAN, per, Vest Sel'skokhoz Nauk, Vol V, No 7, 1960, pp 21-28.

JPRS 6886

Coordination of Research on Grain and Legume Crops.  
RUSSIAN, per, Vest Sel'sk Nauk, No 10, 1960, pp 146-148.

\*USDA

Coordination of Scientific Research on Corn, by I. N. Elagin.  
RUSSIAN, per, Vest Sel'sk Nauk, No 10, 1960, pp 148-150.

\*USDA

Large Research Center in Western Siberia, by P. S. Denisov, I. N. Kuznetsov, V. I. Plavskiy.  
RUSSIAN, per, Vest Sel'sk Nauk, No 11, 1960, pp 124-127.

\*USDA

Certain Problems of Electric Power Development in the Kuybyshevskiy Economic Administrative Region, by P. N. Stepanov, Yu. N. Savenko, (DC-4600/6).  
RUSSIAN, per, Vest Moskov U Geograf, No 5, 1960, pp 14-19.

\*JPRS

Important Conditions for the Further Development of Production Forces in Agriculture, by V. V. Matskevich, 32 pp.  
RUSSIAN, per, Vest Sel'skokhoz Nauk, No 8, 1960, pp 3-22.

JPRS 6811

The System of Farming in Belorussia, by M. N. Lutsenko, 16 pp.  
RUSSIAN, per, Vest Sel'skokhoz Nauk, No 8, 1960, pp 23-34.

JPRS 6811

USSR  
Economic (Contd)

The System of Farming in Kolkhozes and Sovkhozes of the Southeast, by P. G. Kabanov, 15 pp.

RUSSIAN, per, Vest Sel'skokhoz Nauk, No 8, 1960, pp 35-45.

JPRS 6811

From the Experience of Applying the Sampling Method in Studying the Population's Living Standard, by I. Matyukha, 22 pp.

RUSSIAN, per, Vest Statistiki, No 9, 1960, pp 14-26.

JPRS 6361

Changes in the Level of Labor and Material Expenditures and in the Cost Level in USSR Industry, by Sh. Turetskiy, (DC-4700/7).

RUSSIAN, per, Vest Statistiki, No 12, 1960, pp 35-51.

\*JPRS

Soviet Town Planning Today, by B. Svetlichnyy, 8 pp.

RUSSIAN, per, Voprosy Ekon, No 7, 1960.

Interntl Arts & Sci Press  
Problems of Economics  
Vol III, No 8

The Development of the Gas Industry and the Use of Gas in the USSR, by L. Smyshlayeva, 16 pp.

RUSSIAN, per, Voprosy Ekon, No 9, 1960.

ID 2160680

Value as the Basic of Price Under the Conditions of a Socialist Economy, by Ya. Kronrod, 16 pp.

RUSSIAN, per, Voprosy Ekon, No 10, 1960.

Interntl Arts & Sci Press  
Problems of Economics  
Vol III, No 9

Differential Land Rent and Problems of Price Formation in Collective Farm Production, by G. Khudokormov, 6 pp.

RUSSIAN, per, Voprosy Ekon, No 10, 1960.

Interntl Arts & Sci Press  
Problems of Economics  
Vol III, No 9

Planning the Cost of Industrial Production, by V. Bunimovich, 14 pp.

RUSSIAN, per, Voprosy Ekon, No 11, 1960, pp 115-124.

JPRS 6766

Engineers, Technicians and Technical Progress, by N. Maslova, (DC-4700/6).

RUSSIAN, per, Voprosy Ekon, No 12, 1960, pp 49-53.

\*JPRS

USSR

Economic (Contd)

A New Giant Is Growing [The Ul'yanovsk Motor Vehicle Plant], by N. Vasil'yev, 5 pp.  
RUSSIAN, per, Za Rulem, No 4, 1960, pp 5-7.

JPRS 7785

Soviet Automotive Diesels, by S. Chistozvonov, 11 pp.

RUSSIAN, per, Za Rulem, No 5, 1960, pp 12-14.

JPRS 7785

A Scientifically Based System of Conducting the Economy for Each Kolkhoz and Sovkhoz, (DC-2700/59)

RUSSIAN, per, Zemledeliye i Zhivotnovodstvo Moldavii, No 11, 1960, pp 1-4.

\*JPRS

The Utilization of Natural Gas on a Long Range Basis in Uzbek Cotton Production, by N. P. Mun'ko, (DC-2700/59).

RUSSIAN, per, Zemledeliye i Zhivotnovodstvo Moldavii, No 11, 1960, pp 13-16.

\*JPRS

System of Machines and the Development of Technological Charts in Moldavian Kolkhozes and Sovkhozes, by V. Mashtaler, (DC-2700/63).

RUSSIAN, per, Zemledeliye i Zhivotnovodstvo Moldavii, No 12, 1960, pp 24-27.

\*JPRS

The Wage Reform Is an Important Economic and Political Measure [For the Railroads], by P. I. Matveytsev, 9 pp.

RUSSIAN, per, Zheleznodorozhnyy Transport, No 10, 1960, pp 3-9.

JPRS 6768

Supplying Railroad Transport With Modern Locomotives in a Large State Task, by A. I. Tishchenko, (NY-5100/6).

RUSSIAN, per, Zheleznodorozhnyy Transport, No 1, 1961, pp 8-14.

\*JPRS

Economic and Socio-Political Development in the Soviet Union Since 1953, by Gangolf Pflueger, (DC-5433).

GERMAN, per, Aus Politik und Zeitgeschichte, B 40/60, 5 Oct 1960, pp 651-659.

\*JPRS

USSR  
Economic (Contd)

The Automobile Industry of the USSR in  
the Seven-Year Plan of 1959-1965, 11 pp,  
by Julius Kleinerman.

GERMAN, per, Kraftfahrzeugtechnik, No 7,  
1959, p 275.

ACSI, H-7269  
ID 2147215

Russian Inland Water Transport - Part II,  
by Hans H. Heuser, (DC-5560).

GERMAN, per, Z fuer Binnenschiffahrt, No 1,  
1961, pp 17-28.

\*JPRS

Russian Inland Water Transport - Part I,  
by Hans H. Heuser. (DC-5560).

GERMAN, per, Z fuer Binnenschiffahrt, No 12,  
1960, pp 444-450.

\*JPRS

Russian Oil Production and Export, by Hans  
Widborgh, 4 pp,  
SWEDISH, per, Teknisk Tidskrift, No 1, 1961,  
p 9.

Navy/ONI 5112358

USSR  
Political

Plenum of the Central Committee of the Communist Party of the Soviet Union, 13-16 Jul 1960. Stenographic Report, (DC-5490).

RUSSIAN, bk, Plenum Tsentral'nogo Komiteta Kommunisticheskoy Party Soretskogo Soyuz  
13-16 Iyulya 1960 Goda Stenograficheskiy Otchet, 1960, pp 1-337.

\*JPRS

Let Your Conscience Decide, 68 pp.  
RUSSIAN, brochure, Reshi po Sovesti, 1960, pp 1-100.

JPRS 4425

The Statement of N. S. Khrushchev, Chairman of the USSR Council of Ministers, Concerning the Declaration of the United Nations General Assembly on the Granting of Independence to the Colonial Countries and Peoples, 5 pp.

RUSSIAN, np, Izvestiya, 27 Dec 1960, Encl 3 to Desp 438, AmEmbassy, Moscow, 29 Dec 1960.

Dept of State  
4471047

The Monolithic Unity of the World Communist Movement, 7 pp.

RUSSIAN, per, Kommunist, No 17, Nov 1960, pp 32-36.

JPRS 6782

History and the Contemporary Struggle of Ideology, by A. Berezkin, K. Kuznetsova, 17 pp.

RUSSIAN, per, Kommunist, No 17, Nov 1960, pp 85-96.

JPRS 6782

Soviet-Chinese Friendship Is Indestructible, (SF-1701).

RUSSIAN, per, Politicheskoye Samoobrazovaniye, No 2, 1961, pp 12-15.

\*JPRS

The Soviet Committee for the Solidarity of the Countries of Asia and Africa, We Cannot Keep Silent, (DC-5489).

RUSSIAN, np, Pravda, 10 Feb 1961, p 4.

\*JPRS

At the July Plenum of the Central Committee CPSU, by I. Strigin, (NY-3001/23).

RUSSIAN, per, Tsvetnyye Metally. No 8, 1960, pp I-VIII.

\*JPRS

USSR  
Military

Historical Notes on the All-Russian Cheka (1917-1922), by P. G. Sofinov, (SF-1500).  
RUSSIAN, bk, Ocherki Istorii Vserossiyskoy Chrezvychaynoy Komissii (1917-1922), 1960, 248 pp.

\*JPRS

Field Sanitation Equipment, by P. I. Ryabov, 457 pp.  
RUSSIAN, bk, Polevaya Sanitarnaya Tekhnika, 1959.

ACSI H-6841  
ID 2162109

Landing in the Mountains. Twist Landings on Selected Strips in Mountainous Regions, by V. Shishkin.  
RUSSIAN, per, Grazhdanskaya Aviatsiya, No 11, 1960, pp 12-13.

\*ATIC MCL-858/1

There Are People Capable of Teaching. Notes Concerning Advanced Moldavian Pilots,  
RUSSIAN, per, Grazhdanskaya Aviatsiya, No 11, 1960, p 20.

\*ATIC MCL-859/1

Wings, by G. Orlyanskiy.  
RUSSIAN, per, Grazhdanskaya Aviatsiya, No 11, 1960, pp 28-30.

\*ATIC MCL-860/1

Problems of Modern Antiaircraft Defense - Belligerent Radio Waves, Part I, by P. Dudnik, 4 pp.  
RUSSIAN, np, Krasnaya Zvezda, 7 Jan 1961.

Navy 2746/ONI 850

What Is The Atlas Rocket?, by S. A. Bigdash, (DC-5525).  
RUSSIAN, per, Vest Protivovozdushnoy Oborony, No 2, 1961, pp 27-31.

\*JPRS

The Maritime Fleet in the Third Year of the Seven-Year Plan, (NY-5100/6).  
RUSSIAN, per, Vodnyy Transport, 25 Feb 1961.

\*JPRS

RSFSR River Fleet in the Third Year of the Seven-Year Plan, (NY-5100/6).  
RUSSIAN, per, Vodnyy Transport, 2 Mar 1961.

\*JPRS

USSR  
Military (Contd)

Political War Being Waged by Soviets,  
by Suzanna Labin, 6 pp.

FRENCH, per, Revue de Defense Nationale,  
Jun 1960, Encl to Serial No 3-61.

Navy/ONI 5110183

Service Experience With the Soviet  
Carrywinged Water Bus, by Kadar  
Sandor, 9 pp.

HUNGARIAN, bk Jarmuvek Mezogazdasagi  
Gepek, pp 97-99.

319th MI Bn  
ID 2161161

Military Medical Activities in the  
Soviet Army, by V. Mangos, 16 pp.

RUMANIAN, per, Revista Sanitara Mili-  
tara, Vol LVI, No 1, 1960, pp 3-13.

ACSI H-8109  
ID 2158094

USSR  
Geographic

Outline of Geomorphological Zones,  
by M. V. Karandeyeva, 5 pp.

RUSSIAN, per, Geomorfologiya  
Yevropeyskoy Chasti SSSR, 1957,  
pp 50-54. (Call No EIF 358942,  
Eng Tr).

AMS

On the New Map Outlining Seismic Areas  
in the Territory of USSR, by G. P. Gorshrov,  
RUSSIAN, per, Sbornik Statei i Dokladov,  
No 128, M. L. 1948. Trudy Geofiz Inst,  
1948, pp 71-73.

Navy/HO 120

Geographical Investigations in the Deserts  
of Central Asia, by M. P. Petrov,  
(NY-6037).

RUSSIAN, per, Vest Leningrad U, Ser Geol i  
Geog, No 24, 1960, pp 118-130.

\*JPRS

Organization and Execution of Coastal Research  
in the Soviet Union, by H. Griesseier.

GERMAN, per, Acta Hydrophysica, 1958, pp 5-25.  
(Call No EIF 346756, Eng Tr).

AMS



USSR  
Sociological

Health Resorts in the USSR, by  
L. Gol'dfayl', 92 pp.  
RUSSIAN, encyclopedia, Bol'shaya  
Meditsinskaya Entsiklopediya, Vol  
XIV, No 2, 1960, pp 1087-1157.

JPRS 7739

Materials of Scientific Conferences.  
RUSSIAN, bk, Materially Nauchnykh  
Konferentsii, 1959, 288 pp. T/C and  
pp 49-51, 171-196.

\*USDA

The Peoples of Indochina, by S. I.  
Bruk, 31 pp.  
RUSSIAN, brochure, Naseleniye Indokitaya.  
Poyasnitel'naya Zapiska k Karte Narodov,  
1959, pp 1-26.

JPRS 6914

Tables of Library Classification for Large  
Libraries, by Z. N. Ambartsumyana, 210 pp.  
RUSSIAN, bk, Tablitsy Bibliotechnoy Klassi-  
fikatsii Dlya Mass-Ovyikh Bibliotek, 1959,  
pp 5-188.

ACSI H-7522  
ID 2149830

The Behavior of the Population in Con-  
taminated Areas, by V. A. Medvedyev, 37 pp.  
RUSSIAN, per, DOGAAP Publishing House,  
Moscow, 1958.

Navy 2735/ONI 753

Study-Room for Atheism, by I. Zolotareva,  
(SF-1530).  
RUSSIAN, per, Kommunist Belorussii, No 12,  
1960, pp 42-45.

\*JPRS

So the Head Will Not Spin, by Ye. Smotritskiy,  
(DC-2800/55).  
RUSSIAN, np, Krasnaya Zvezda, 13 Dec 1960,  
pp 2, 3.

\*JPRS

So They Became Rocketeers, by N.  
Prokof'yev, (DC-2800/55).  
RUSSIAN, np, Krasnaya Zvezda, 18 Jan 1961,  
pp 2, 3.

\*JPRS

Lenin's Decrees on Public Education, by V.  
Protsenko, 12 pp.  
RUSSIAN, per, Narodnoye Obrazovaniye, No 4,  
1960.

Interntl Arts & Sci Press  
Soviet Education  
Vol III, No 3

USSR  
Sociological (Contd)

The System of Industrial Training of Pupils at Enterprises, by L. B. Iteľ'son, 5 pp.

RUSSIAN, per, Shkola i Proiz, No 5, 1960.

Interntl Arts & Sci Press  
Soviet Education  
Vol III, No 3

Improve the Vocational Training System in Secondary Schools, by M. I. Rozenberg, 5 pp.

RUSSIAN, per, Shkola i Proiz, No 6, 1960.

Interntl Arts & Sci Press  
Soviet Education  
Vol III, No 3

Some Problems of the Industrial Training of School Children, by M. I. Koval'skiy, 3 pp.

RUSSIAN, per, Shkola i Proiz, No 6, 1960.

Interntl Arts & Sci Press  
Soviet Education  
Vol III, No 3

Use of Toxic Chemicals in Agriculture and Preservation of Public Health, by L. I. Medved', 7 pp.

RUSSIAN, per, Sovet Medit, No 8, 1960, pp 131-135.

ACSI H-7824  
ID 2152384

Contents of Education in the Eight-Year School, by E. I. Monoszon, 11 pp.

RUSSIAN, per, Sovet Pedagogika, No 6, 1960.

Interntl Arts & Sci Press  
Soviet Education  
Vol III, No 3

The Level of Dissertations in Pedagogical Sciences Must Be Raised, 4 pp.

RUSSIAN, per, Sovet Pedagogika, No 7, 1960.

Interntl Arts & Sci Press  
Soviet Education  
Vol III, No 3

Criminal Procedural Code of the RSFSR, (NY-6088).

RUSSIAN, per, Sovet Yustitsiya, No 15-16, Nov 1960, pp 16-62.

\*JPRS

Criminal Code of the RSFSR, (NY-6088).

RUSSIAN, per, Sovet Yustitsiya, No 17, Dec 1960, pp 5-32.

\*JPRS

USSR  
Sociological (Contd)

Selected Articles From the Russian Periodical  
Sovet Zdravookhraneniye, No 9, 1960.

JPRS 4400

New Forms of Improving the Knowledge of  
Physicians, by I. M. Timko, 9 pp. (pp 3-8).

Twenty Years of Soviet Public Health  
Service in Latvia, by F. F. Grigorash,  
8 pp, (pp 48-53).

The History of Emergency Medical Aid  
in Russia, by M. A. Messel', 8 pp, (pp  
53-58).

The Oldest Medical Institutions in the  
Far East, by V. N. Shchupak, 7 pp, (pp  
58-63).

Years of Second Clinical Hospital of  
Minsk, by G. R. Kryuchok, 8 pp, (pp 63-68).

History of the Organization of the Lenin-  
grad Sanitary-Hygienic Medical Institute, by  
P. N. Dorovatovskiyy, No 9, 1960, (pp 75-80).

Achieving a Better Mastery of the History  
of the USSR, by I. L. Golovaty, 4 pp.  
RUSSIAN, per, Sredneye Spetsyal'noy Obrazovanye,  
No 7, 1960.

Internatl Arts & Sci Press  
Soviet Education  
Vol III, No 3

The Palace and the Church, by N. Vnuk,  
(DC-5542).  
RUSSIAN, np, Trud, 8 Feb 1961, 2 pp.

\*JPRS

Preparation of Scientific Cadres -- To the  
Level of the New Problems.  
RUSSIAN, per, Vest Sel'sk Nauk, No 10, 1960,  
pp 3-10.

\*USDA

On the Distribution of the Population of the  
USSR by Social Groups, Branches of the Public  
Economy, and Occupations, and About the Level  
of Education of Persons Engaged in Physical  
and Intellectual Work.  
RUSSIAN, per, Vest Statistiki, No 12, 1960,  
pp 3-21.

\*ATIC MCL-843/1

USSR

Sociological (Contd)

For the Creative Study of Basic Theoretical Problems of Our Time, by E. I. Varegina, A. F. Tarasov, N. N. Shchemelev, 5 pp.  
RUSSIAN, per, Vest Vysshey Shkoly, No 7, 1960.

Internatl Arts & Sci Press  
Soviet Education  
Vol III, No 3

Significant Year for Universities of Russian Federation, by A. F. Shebanov, 4 pp.  
RUSSIAN, per, Vest Vysshey Shkoly, No 8, 1960.

Internatl Arts & Sci Press  
Soviet Education  
Vol III, No 3

Party Decisions Should Be Carried Out Faster and Better, by A. G. Bondar, 4 pp.  
RUSSIAN, per, Vest Vysshey Shkoly, No 8, 1960.

Internatl Arts & Sci Press  
Soviet Education  
Vol III, No 3

Science in Latvia Today, by P. I. Valeskaln, 8 pp.  
UKRAINIAN, per, Nauk i Zhyttya, Vol X, No 7, 1960, pp 58-60.

JPRS 6790

USSR  
Biographic

Lenin Prize Winners, by T. F. Islankina (Ed), (NY-5993).

RUSSIAN, bk, Laureaty Leninskoy Premii, 1960, 1-87.

\*JPRS

Biographic Information on Soviet Scientists in the Field of Mathematics, 208 pp.

RUSSIAN, bk, Matematika v SSSR za Sorok Let 1917-1957, Vol II, 1959, pp 27-816.

JPRS 6802

M. V. Markov: 60th Birthday, by N. M. Kulikova, (SF-1593).

RUSSIAN, per, Botan Zhur, Vol XLV, No 9, 1960, pp 1380-1385.

\*JPRS

Irkutskiy Sovnarkhoz and Great Chemistry, 4 pp.

RUSSIAN, np, Ekonomicheskaya Gazeta, 3 Dec 1960.

JPRS 7882

Investigations of V. N. Sukachev in Siberia: His 80th Birthday, by S. A. Il'inskaya, V. N. Smagin, (SF-1593).

RUSSIAN, per, Iz Sibirskogo Otdel Ak Nauk SSSR, No 6, 1960, pp 128-131.

\*JPRS

Prof Valerian Vladimirovich Miloslavskiy, by A. N. Yunusova, 5 pp.

RUSSIAN, per, Kazanskiy Med Zhur, No 2, 1960, pp 115-118.

JPRS 6859

Prof Abubekr Gireyevich Teregulov, by K. A. Mayanskaya, A. I. Golikov, D. Ya. Potekhin, 4 pp.

RUSSIAN, per, Kazanskiy Med Zhur, No 2, 1960, pp 119-121.

JPRS 6859

B. P. Nikol'skiy: 60th Birthday (DC-5505).

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

\*JPRS

EASTERN EUROPE

Economic

Main Albanian Fishing Areas and Prospects for Development, by G. D. Poljakov, Nd. Filipi, K. Basho, 9 pp.  
ALBANIAN, monograph, Peshqit e Shquiperise, 1958, pp 233-238.

JPRS 7834

Zoning of Corn and Wheat Production in Albania, by Sulejman Xhepa, 39 pp.  
ALBANIAN, per, Buletin i Universitetit Shteteror te Tiranes, Seria Shkencat Naturore, Vol XIV, No 2, 1960, pp 80-111.

JPRS 6916

Production Results From Various Types of Wheat, by Merkur Mero, 12 pp.  
ALBANIAN, per, Buletin i Universitetit Shteteror te Tiranes, Seria Shkencat Naturore, Vol XIV, No 2, 1960, pp 126-135.

JPRS 6916

Albanian Plan Fulfillment Report,  
ALBANIAN, np, Zeri i Popullit, 5 Feb 1961.

JPRS 7852

Statistics on the Foreign Trade of the People's Republic of Bulgaria, 1958-1959, 99 pp.  
BULGARIAN, bk, Statisticheski Sbornik, 1960, pp 3-79.

JPRS 6884

A Discussion of Standardized Designing and Prefabricated Construction, by Khrabur Popov, Nikola Neshev, Khristo Rashenov, (NY-6104).  
BULGARIAN, per, Arkhitektura, Vol LX, No 6, Dec 1960, pp 14-18.

\*JPRS

Conclusions Derived From Investigations of the Financial Operations of Certain People's Soviets, by M. Stoyanov, 7 pp.  
BULGARIAN, per, Finansi i Kredit, Vol LX, No 9, 1960, pp 9-15.

JPRS 6906

The Economic Essence and Sources of Means for the Financing of Basic and Current Repairs, by Georgi D. Khrisopulov, 6 pp.  
BULGARIAN, per, Finansi i Kredit, Vol LX, No 9, 1960, pp 24-30.

JPRS 6906

Eastern Europe  
Economic (Contd)

Marking of Timber for Cutting in  
1961, by Khristo Vuchovski, 9 pp.  
BULGARIAN, per, Gorsko Stopanstva,  
Vol XVI, No 6, 1960, pp 3-9.

JPRS 7834

Selected Articles From the Bulgarian Periodical  
Izvestiya na Prezidiuna na Narodnoto Subranie.

No 57, 15 Jul 1960, pp 1, 2.

JPRS 7893

Regulation Governing Veterinary Control  
Laboratories for State Veterinary and  
Public Health Inspection, 4 pp.

No 60, 26 Jul 1960, pp 1-5.

JPRS 6820

Regulation on Classifying Jobs for  
Pension Purposes, 17 pp.

No 81, 7 Oct 1960, pp 1, 2.

JPRS 6820

Ordinance on Bonus Payments for the  
Use of a Foreign Language or Stenography  
in Jobs, the Establishment of Its Useful-  
ness and of Mastery, 3 pp.

No 94, 22 Nov 1960, p 1.

JPRS 7750

Administrative Changes in Bulgaria,  
Ukases, No 430, 431, 4 pp.

No 98, 6 Dec 1960.

JPRS 6843

Road and Street Signs, 17 pp.

No 99, 9 Dec 1960, pp 1-3.

JPRS 6843

Amendment to Postal, Telegraph and  
Telephone Rates, 7 pp.

No 100, 13 Dec 1960, pp 1, 2.

JPRS 6843

Order on the Improvement of Quality  
in Construction Work, 4 pp.

Eastern Europe  
Economic (Contd)

Selected Articles From the Bulgarian Periodical  
Izvestiya na Prezidiuma na Narodnoto Subranie.

No 101, 16 Dec 1960, p 1.

JPRS 6843

Order Governing the Collection and  
Expenditure of Extraordinary Fees on  
the Basis of the Law Governing Customs  
Offices, 10 pp.

No 105, 30 Dec 1960, pp 1-3.

JPRS 6881

Decree No. 271, 1960, of the Bulgarian  
Council of Ministers on Protection Against  
Silicosis, 9 pp.

Consumption of Coal in Bulgaria, by Bl.  
Khadzhov, L. Kozlev, 13 pp.  
BULGARIAN, per, Minno Delo i Metalurgiya,  
Vol XV, No 5, 1960, pp 39-42.

JPRS 7696

The National Income and Its Distribution  
in Bulgaria, by Chavdar Kyuranov, (NY-5980).  
BULGARIAN, per, Partien Zhivot, Vol IV, No  
17, Dec 1960, pp 55-59.

\*JPRS

Basic Directions of Bulgarian Economic  
Development in 1961, by Georgi Georgiev,  
(DC-5617).  
BULGARIAN, per, Planovo stopanstvo i  
statistika, Vol LXI, No 1, 1961, pp 11-21.

\*JPRS

Improving Planning in Connection With  
Changes in the Way of Life of the Populace,  
by Zakhari Staykov, (DC-5617).  
BULGARIAN, per, Planovo stopanstvo i  
statistika, Vol LXI, No 1, 1961, pp 44-53.

\*JPRS

The Reorganization of the Bulgarian National  
Economy and the Development of the Administra-  
tion of Trade, by Dim Dimitrov, (DC-5492).  
BULGARIAN, per, Pravna Misul, Vol IV, No 6,  
Nov/Dec 1960, pp 63-77.

\*JPRS

Prospects for the Development of the  
High Voltage Transmission System, by Ivan  
D. Dyakov, 8 pp.  
BULGARIAN, per, Tekhnika, Vol IX, No 5,  
1960, pp 1-4.

JPRS 6833



Eastern Europe  
Economic (Contd)

The Establishment of a New Rail Connection Between Southern and Northern Bulgaria, by Marin Georgiev, (NY-6102).  
BULGARIAN, per, Transportno Delo, Vol LX, No 9, 1960, pp 5-12.

\*JPRS

Mechanization of Loading and Unloading Operations of the Railroads, by Boris Ivanov, (NY-6102).  
BULGARIAN, per, Transportno Delo, Vol LX, No 9, 1960, pp 13-20.

\*JPRS

The Problem of Missing and Prematurely Worn Out Parts of Railroad Rolling Stock, by Radi N. Kolev, Iliya D. Lambev, (NY-6102).  
BULGARIAN, per, Transportno Delo, Vol LX, No 9, 1960, pp 27-30.

\*JPRS

Development and Problems in the Export of Metal-Cutting Machinery, by Dyanko Dobrev, 9 pp.  
BULGARIAN, per, Vunshna Turgoviya, Vol LX, No 11, 1960, pp 8-12.

JPRS 6906

Structural Changes in Bulgaria's Foreign Trade, by Dynko Toshev, 6 pp.  
BULGARIAN, per, Wirtschaftsdienst, Vol LX, No 11, 1960, pp 627-630.

JPRS 7825

Investment Financing in Yugoslavia, by Dimitrije Misic, 6 pp.  
CROATIAN, per, Ekonomist, Vol XIII, No 3, Jul-Sep 1960, pp 357-361.

JPRS 7750

The Long-Term Development of the Yugoslav Economy, by Dr Nikola Cobeljic, (NY-6105).  
CROATIAN, per, Ekonomist, Vol XIII, No 4, Oct-Dec 1960, pp 563-599.

\*JPRS

Regional Development in the Five-Year Plan, (NY-5925).  
CROATIAN, np, Ekonomiska Politika, Vol X, No 460, 21 Jan 1961, pp 96, 97, 99.

\*JPRS

Calculation of the National Income of Yugoslavia in Standard Prices for the Period 1947-1959, by B. Kitaljevic, (NY-5920).  
CROATIAN, per, Finansijske, Vol XV, No 11/12, 1960, pp 609-629.

\*JPRS

Eastern Europe  
Economic (Contd)

The Problems of Determining Income in  
the Private Sector of the Economy, by  
Dusan Miljkovic, (NY-5920).

CROATIAN, per, Finansije, Vol XV, No  
11/12, 1960, pp 629-637.

\*JPRS

The Monetary Aspect of Mutual Crediting  
in the Economy, by Engr Mladen Vesnic,  
(NY-6085).

CROATIAN, per, Finansije, Vol XVI, No 1,  
1961, pp 31-42.

\*JPRS

Investments in Fixed Assets in 1960,  
by Vladimir Pejovski, (NY-6085).

CROATIAN, per, Finansije, Vol XVI,  
No 1, 1961, pp 42-46.

\*JPRS

The Problem of Financing Economically  
Underdeveloped Areas, by Z. Fiucek,  
(NY-6085).

CROATIAN, per, Finansije, Vol XVI, No 1,  
1961, pp 66-72.

\*JPRS

Construction Problems in Yugoslavia, by  
D. Obradovic, M. Illic, (NY-6022).

CROATIAN, per, Izgradnja, Vol XIV, No  
7/8, 1960, pp 14-19.

\*JPRS

The Chemical Industry, 26 pp.

CROATIAN, per, Jugoslovenski Pregled,  
Vol III, No 2, 1959, pp 61-66.

JPRS 7834

Postal, Telegraph, and Telephone  
Traffic in 1957-1960 and the New  
Organization of the Postal, Telegraph,  
and Telephone Service, (NY-6107).

CROATIAN, per, Jugoslovenski Pregled,  
Vol V, No 1, 1961, pp 18-23.

\*JPRS

Consumer Credits, (NY-6107).

CROATIAN, per, Jugoslovenski Pregled,  
Vol V, No 1, 1961, pp 23-26.

\*JPRS

**Eastern Europe**  
**Economic (Contd)**

**Selected Articles From the Croatian Periodical**  
**Nova Administracija.**

Vol VIII, No 10, 1960.

JPRS 6835

First Experience in the Execution of  
Housing Reform, by Milorad Radojevic,  
10 pp, (pp 986-993).

Employment Problems and the Law on the  
Employment Service, by Ratko Maricic,  
9 pp, (pp 1019-1024).

Vol VIII, No 11, 1960, pp 1117-1126.

JPRS 6916

New Incentive Scheme of Compensation in  
Banking Establishments, by Dzevad Gluhbegovic,  
16 pp.

Vol VIII, No 12, 1960, (DC-5522).

\*JPRS

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

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

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

The Reorganization of Yugoslav Post  
Offices, Telegraphs, and Telephones, by  
Bosko Martinovic, Branko Boljatic, (pp  
1218-1224).

Vol IX, No 1, 1961, (DC-5618).

\*JPRS

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

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

Eastern Europe  
Economic (Contd)

Development of Yugoslav Maritime Ports,  
1945-1960, by Velimir Zivkovic, 28 pp.  
CROATIAN, per, Pomorstvo, Vol XV, No 8/9,  
1960, pp 347-350.

JPRS 7845

The Law on the Organization of Yugoslav  
Railroads, 64 pp.  
CROATIAN, np, Sluzbeni List FNRJ, Vol XVI,  
No 50, 14 Dec 1960, pp 885-895.

JPRS 7927

The Law on the Organization of Yugoslav  
Post Offices, Telegraphs, and Telephones,  
90 pp.  
CROATIAN, np, Sluzbeni List FNRJ, Vol XVI,  
No 50, 14 Dec 1960, pp 895-910.

JPRS 7927

Regulation on Foreign Exchange Operations.  
CROATIAN, np, Sluzbeni List FNRJ, No 2,  
18 Jan 1961. Encl to Despach No 525,  
AmEmbassy, Belgrade, Feb 6, 1961.

Dept of State

Instruction on the Method of Acquiring and  
Using Resources of Business Unions, ( .  
(DC5439).  
CROATIAN, np, Sluzbeni List FNRJ, Vol XVII,  
No 3, 25 Jan 1961, pp 43-44.

\*JPRS

Order on Determining Contingent Goods for  
Export, (DC-5439).  
CROATIAN, np, Sluzbeni List FNRJ, Vol XVII,  
No 4, 1 Feb 1961, pp 54-55.

\*JPRS

Distribution of Net Income and Personal  
Incomes in Economic Organizations, by Sveto  
Pepovski, (DC-5589).  
CROATIAN, per, Socijalna Politika, Vol XI,  
No 1, 1961, pp 3-13.

\*JPRS

System of Roles and Organs in Workers'  
Self-Government, by Slobodan Bosnic, 48 pp.  
CROATIAN, per, Sociologia, Vol XI, No 2,  
May-Aug 1960, pp 93-122.

JPRS 6786

New Regulations Governing the Economy of  
Yugoslavia, by N. Krmpotic, V. Angelus,  
(DC-5601).  
CROATIAN, np, Vjesnik, Vol XXII, No 5037,  
23 Feb 1961, pp 4, 5.

\*JPRS

Eastern Europe  
Economic (Contd)

Distribution of Iron Metallurgy Work  
in the Socialist Camp, by Frantisek  
Kahoun, 7 pp.

CZECH, per, Dejepis a Zemepis ve Skole,  
Vol III, No 1, Sep 1960, pp 9-12.

JPRS 7736

Teaching Tasks in Connection With Auto-  
mation, by Miklos Ranky, 5 pp.

CZECH, per, Felsooktatasi Szemle, Vol IX,  
No 10, 1960, pp 635-638.

JPRS 6826

Further Strengthening and Expanding of  
JZD Economies, 53 pp.

CZECH, per, Jednota Zemedelskych Druzstev,  
supplement to Zemedelske Noviny, 12 Nov  
1960, pp 1-20.

JPRS 6833

The Accomplishments and Tasks of the State  
Farms in the Hungarian People's Republic,  
by Gabor Petohazi, (DC-5458).

CZECH, per, Mezinarodni Zemedelsky Casopis,  
No 5, 20 Nov 1960, pp 27-36.

\*JPRS

Personnel Trailer No 80, 4 pp.

CZECH, per, Svet Motoru, No 1, 1960,  
p 23.

ACSI H-8387  
ID 2161157

Production of Automobiles and Tractors in  
Rumania; Visiting With Polish Motorists;

The "Zaporozhets" Compact Car, by J.  
Hausman; Traffic Noise Control, by Frantisek  
Roman.

CZECH, per, Svet Motoru, 29 Aug 1959.

ACSI H-7447-A-D  
ID 2158096

Fifteen Years of the Mlada Boleslav Auto-  
mobile Works, 4 pp.

CZECH, per, Svet Motoru, No 10, 1960,  
pp 301, 302.

ACSI H-8388  
ID 2161158

Eastern Europe  
Economic (Contd)

Selected Articles From the Czech Periodical  
Zahranicni Obchod.

No 9, 1960.

JPRS 7813

Cooperation With the Soviet Union and  
Other Countries of the Socialist Camp --  
Principal Factor in Czechoslovakia's Eco-  
nomic Success, by Karel Krejca, 6 pp,  
(pp 2-6).

Scientific and Technical Cooperation  
Between Czechoslovakia and the Soviet  
Union, by Zdenek Kubrycht, 7 pp, (pp  
39-44).

No 10/11, Nov 1960.

JPRS 7813

Czechoslovak Foreign Trade Tasks, by  
Frantisek Krajcir, 13 pp, (pp 2-11).

New Phase of Activities for the Czecho-  
slovak Chamber of Trade, by Josef Horn,  
10 pp, (pp 19-26).

No 1, 1961, (NY-6035).

\*JPRS

Growth of the National Economy of the  
CSSR and the Tasks of Czechoslovak  
Foreign Trade (Speech of Frantisek  
Krajcir Before the Budgetary Committee  
of the National Assembly on 6 Jan 61),  
(pp 5-8).

Foreign Trade of Czechoslovakia in the  
Third Five-Year Plan, by Otto Ruzicka,  
( pp 8-13).

Czechoslovak Trade Contracts and Agree-  
ments, by Taisia Cebisova, (pp 33-36).

More Chemical Fertilizers for Agriculture,  
(DC-5453).  
CZECH, np, Zemedelske Noviny, 4 Jan 1961,  
pp 1, 3.

\*JPRS

Hamburg Analysis of Eastern Trade, November  
1960, 14 pp.  
GERMAN, rpt by Hamburg Senate, Encl to Serial  
No 26-61, 13 Jan 1961.

Navy/ONI 5112053

Eastern Europe  
Economic (Contd)

East German Air Transport and Its  
Significance in Foreign Trade, by  
K. H. Winkler, S. Stempniewski,  
16 pp.  
GERMAN, per, Der Aussenhandel, Vol  
X, No 21, 3 Nov 1960, pp 9-15.

JPRS 7892

Theses of the Foreign Trade Conference,  
(DC-5535).  
GERMAN, per, Der Aussenhandel, Vol XI,  
No 1, 2, 3, 1961, pp 17-20, 17-22,  
17-21.

\*JPRS

The East-West Competition in Nasr's  
Sphere of Influence, by Joseph M. Hunck,  
(DC-5632)..  
GERMAN, per, Aussenpolitik, Vol XII,  
No 3, 1961, pp 192-201.

\*JPRS

A Model Contract for Partnership in  
Development Programs, by Markus Timmler,  
(DC-5632).  
GERMAN, per, Aussenpolitik, Vol XII,  
No 3, 1961, pp 202-209.

\*JPRS

Automatically Controlled Filter Installa-  
tions With Ion Exchanger, by P. Specht,  
(DC-5404).  
GERMAN, per, Automatisierung, Vol III,  
No 11, 1960, pp 487-490.

\*JPRS

The Role of the Mining and Metallurgical  
Industries in the East German Seven-Year  
Plan, by Kurt Gregor, 14 pp.  
GERMAN, per, Bergbautechnik, Vol X,  
No 9, 1960, pp 441-446.

JPRS 6817

Eastern Europe  
Economic (Contd)

Problems of Drainage Automation, by  
Gerhard Goetze, 6 pp.

GERMAN, per, Bergbautechnik, Vol X,  
No 9, 1960, pp 455-457.

JPRS 6817

Steels for Steam Generating Plants, by  
K. Kreitz.

GERMAN, per, Brennstoff-Warme-Kraft,  
No 4, 1960, pp 142-144.

BISI 1908

New Sugar Beet Harvesting Method Brings  
Considerable Savings, by Agronomist W.  
Unger, 7 pp.

GERMAN, per, Deutsche Agrartechnik, Vol  
X, No 9, 1960, pp 389-391.

JPRS 7752

Experiences of Schiepzig MTS With Assembly  
Line Repair of Harvesters, by H. Lehmann,  
W. Buettner, 13 pp.

GERMAN, per, Deutsche Agrartechnik, Vol X,  
No 9, 1960, pp 402-404.

JPRS 7752

Diesel Locomotives of 100-180 HP, by  
Siegfried Buettner, (DC-5570).

GERMAN, per, Deutsche Eisenbahntechnik,  
Vol VIII, No 6, 1960, pp 255-258.

\*JPRS

LPG Cost Accounting, by K. H. Lockhoff,  
(NY-5942).

GERMAN, per, Deutsche Finanzwirtschaft,  
Vol XIV, No 19, Oct 1960, pp F372-F375.

\*JPRS

Tasks of the Deutsche Notenbank, by  
Martin Schmidt, (NY-6034).

GERMAN, per, Deutsche Finanzwirtschaft,  
Vol XV, No 1, 1961, pp 3-8

\*JPRS

Steps Involved in Getting New Airplane  
Designs Ready for Production, by Manfred  
Tietze, (NY-6046).

GERMAN, per, Deutsche Flugtechnik, Vol IV,  
No 11, 1960, pp 321-324.

\*JPRS

The Relation Between Accumulation and  
Consumption in Socialism and Its Develop-  
ment During the Seven-Year Plan, by Herbert  
Neumann, 16 pp.

GERMAN, per, Einheit, No 9, 1960, pp 1345-  
1356.

JPRS 7813



Eastern Europe  
Economic (Contd)

Tasks of the Electric Instrument Industry, by H. Richter, 5 pp.  
GERMAN, per, Elektrie, Vol XIV, No 9, 1960, pp 65, 66. JPRS 7753

Standardized Regulations for High-Tension Switchgear in CEMA Countries, by Mueller, 6 pp.  
GERMAN, per, Elektrie, Vol XIV, No 9, 1960, pp U101-U102. JPRS 7753

Exchange of Experiences Between East German and Czechoslovak Plants, by Klewer, 8 pp.  
GERMAN, per, Elektrie, Vol XIV, No 9, 1960, pp U104-U106. JPRS 7753

Methods in Long-Range Electric Power Planning, by H. Beckmann, 6 pp.  
GERMAN, per, Energietechnik, Vol X, No 4, 1960, pp 137-142. JPRS 7632

Distribution of Power Supply in the GDR, by Hans-Juergen Loos, 11 pp.  
GERMAN, per, Energietechnik, Vol X, No 8, 1960, pp 359-362. JPRS 7752

Development of GDR Power Industry During the First Year of the Seven-Year Plan, by L. Unger, 31 pp.  
GERMAN, per, Energietechnik, Vol X, No 8, 1960, pp 329-335, 372-376. JPRS 7752

The Application of Mathematical Statistics in the Czechoslovak Machine Building Industry, by Anezka Zaludova.  
GERMAN, per, Fertigungstechnik und Betrieb, Vol IX, No 1, 1959, pp 23-26. \*AEC

Current Status and Prospects of the Forging Industry, by Heinz Bialecki, Gustav Tittel, (DC-5555).  
GERMAN, per, Fertigungstechnik und Betrieb, Vol X, No 6, 1960, pp 313-316. \*JPRS

Eastern Europe  
Economic (Contd)

Promulgation of the Decree on the Organization of the Provision of the Economy and the Population With Building Materials, by Plenikowski, 12 pp.  
GERMAN, per, Gesetzblatt der Deutschen Demokratischen Republik, Part I, 30 Apr 1960, pp 243-247.

JPRS 6843

Order on the State Office for Construction Materials, 5 pp.  
GERMAN, per, Gesetzblatt der Deutschen Demokratischen Republik, Part II, No 11, 2 Apr 1960, pp 91, 92.

JPRS 7834

Decree of 30 August 1960 on Machines and Equipment for the Construction and Construction-Materials Industry, by Scholz, 8 pp.  
GERMAN, per, Gesetzblatt der Deutschen Demokratischen Republik, Part II, 4 Oct 1960, pp 357-358.

JPRS 6843

Second Implementing Regulation to the Decree on the Expansion of the Contract System With the LPGs, (DC-5515).  
GERMAN, per, Gesetzblatt der Deutschen Demokratischen Republik, Part II, No 5, 26 Jan 1961, pp 13-18.

\*JPRS

Measures for Saving Investment Funds and Materials During the Seven-Year Plan, 4 pp.  
GERMAN, per, Informationsbuero West - Informations - und Archivdiens, Vol IX, No 103, 16 Sep 1960.

JPRS 6906

The GDR and Intra-German Trade. Independence From Imports as a Target, (DC-5534).  
GERMAN, per, IWE-Informations- und Archivdienst, No I/101, 1961, pp 2-15.

\*JPRS

The Tasks of the Machine-Building Industry in Increasing Market Production in Agriculture, by J. Leuschner, 5 pp.  
GERMAN, per, Der Maschinenbau, Vol IX, No 9, 1960, pp 257, 258.

JPRS 7750

Examples for Organizing the Production Process, by J. Steiner, 9 pp.  
GERMAN, per, Der Maschinenbau, Vol IX, No 9, 1960, pp 259-261.

JPRS 7750

Eastern Europe  
Economic (Contd)

Machine-Building Industry in East  
Germany's Economic Development, by  
R. Putzke, 7 pp.  
GERMAN, per, Der Maschinenbau, Vol IX,  
No 10, 1960, pp 290, 291.

JPRS 7750

Prices of Iron and Steel, by Erich  
Schmidt, 19 pp.  
GERMAN, per, Neue Huette, Vol V, No 4,  
Apr 1960, pp 245-251.

JPRS 7736

The Economy of the Soviet Bloc Under  
CEMA, Parts I-IV, 23 pp.  
GERMAN, np, Neue Zuercher Zeitung, 15,  
16, 19 Dec 1960.

JPRS 6843

The 29th International Fair in Poznan  
From June 12-26, 1960, by Heinz Groh,  
15 pp.  
GERMAN, per, Radio und Fernsehen, Oct  
1960, pp 595-598.

ACSI H-8298  
ID 2161131

Economic Importance of Printed Circuits,  
by Karl Stiehl, 9 pp.  
GERMAN, per, Radio und Fernsehen, Vol IX,  
No 22, 1960, pp 691-693.

JPRS 6786

A Hydroelectric Power Plant With a Peak-  
Capacity of 1000 MW, by K. M. Uitting,  
13 pp.  
GERMAN, per, Siemens Zeitschrift, Vol  
XXXIV, No 5, 1960, pp 281-287. (Call No  
TK3, S57, Eng Tr).

AMS

Methods in the Planning and Construction  
of Drainage Systems, by Adolf Heeb, Wolfgang  
Kiefer.  
GERMAN, per, Der Stadtetag, Sep 1959,  
pp 465-467. (Call No EIF 353865).

AMS

The Possibilities for Automation in the  
Iron and Steel Industry Offered by Elec-  
tronics, by B. Plettner.  
GERMAN, per, Stahl und Eisen, 14 Apr 1960,  
pp 508-513.

BISI 1718

Eastern Europe  
Economic (Contd)

Analysis of the Fulfillment of the Standardization Plan During the First Six Months of 1960, 20 pp.

GERMAN, per, Standardisierung, Vol VI, No 17, Sep 1960, pp 883-889.

JPRS 7753

Revaluation of Fixed Assets in the GDR, by Horst Frase, 12 pp.

GERMAN, per, Statistische Praxis, No 10, 1960, pp 225-228.

JPRS 7813

Statistics of the German Bank of Issue and Cooperation of Its Branches With Local Statistical Organs, by Fritz Toepper, 10 pp.  
GERMAN, per, Statistische Praxis, No 10, 1960, pp 235-237.

JPRS 7813

Development of East German Industry, by L. Rouscik, 8 pp.  
GERMAN, per, Die Technik, Vol XV, No 11, 1960, pp 705-708.

JPRS 6843

Electric Spark Machine Tool Developed by East German Machine Tool Works, by H. Rossa, 4 pp.  
GERMAN, per, Technische Gemeinschaft, Vol VIII, No 5, 1960, pp 2, 3.

JPRS 7752

Hard Metals and Ceramic Cutting Tools Are Well Suited for Machining Purposes, by W. Duebel, 6 pp.  
GERMAN, per, Technische Gemeinschaft, Vol VIII, No 5, 1960, pp 172-174.

JPRS 7752

Bloc Cooperation and Division of Labor in Agricultural Production, by Howitz, (NY-5941).  
GERMAN, per, Wissenschaftlich-Technischer Fortschritt fuer die Landwirtschaft, Vol I, No 2, May 1960, pp 49-52.

\*JPRS

Statistics and Data for a Study of the Development of the People's Economy - 1949-1955, 327 pp.  
HUNGARIAN, bk, Adatok es Adalekok a Nepszadasag Fejlodesenek Tanulmanyozasahoz, 1957, pp 37-154, 287-338, 447-460.

JPRS 7784

Eastern Europe  
Economic (Contd)

Twenty-five Years of Oil Drilling in  
Transdanubia, by Odon Alliquander,  
(DC-5405).

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

\*JPRS

Development of the Coal Industry, by  
Antal Rado, (DC-5452).

HUNGARIAN, per, Banyaszati Lapok,  
Vol XCIV, No 1, 1961, pp 20-27.

\*JPRS

Introduction of Assembly Line Production  
at the Dynamo Electric Machine Enterprise,  
by Istvan Haraszti, 32 pp.

HUNGARIAN, per, Elektrotechnika, Vol LIII,  
No 8, 1960, pp 333-348.

JPRS 7845

The Tenth Anniversary of the Research  
Institute for the Electric Power Industry,  
11 pp.

HUNGARIAN, per, Elektrotechnika, Vol LIII,  
No 8, 1960, pp 362-366.

JPRS 7845

The Second Five-Year Plan of the Food  
Industry, by Bela Gulyas, (NY-6054).

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

\*JPRS

Situation and Perspectives of Coal Mining,  
With Special Regard to the Changes in the  
Structure of World Energy Patterns, by  
Ferenc Levardi, 27 pp.

HUNGARIAN, per, Energia es Atomtechnika,  
Vol XIII, No 7, 1960, pp 286-291.

JPRS 7825

Investigation of the Profitability of  
Coal Mining From a National and Interna-  
tional Point of View, by Miklos Toth,  
40 pp.

HUNGARIAN, per, Energia es Atomtechnika,  
Vol XIII, No 7, 1960, pp 292-300.

JPRS 7825

Present State and Tasks in Hungarian Coal  
Preparation, by Aladar Wahlner, 34 pp.

HUNGARIAN, per, Energia es Atomtechnika,  
Vol XIII, No 7, 1960, pp 301-309.

JPRS 7825

Eastern Europe  
Economic (Contd)

Some Connections Between the Development of  
Coal Mining and the Hungarian Energy Situation,  
by Istvan Osvath, 24 pp.

HUNGARIAN, per, Energia es Atomtechnika, Vol  
XIII, No 7, 1960, pp 319-324.

JPRS 7825

Reorganization of the Brewing Industry, by  
Gyorgy Varga, 8 pp.

HUNGARIAN, per, Figyelo, 27 Dec 1960, p 1.

JPRS 6916

Hungary's Raw Material Imports and Exports  
in Light of the International Division of  
Labor, by Zoltan Antal, (DC-5459).

HUNGARIAN, per, Foldrajzi Ertesite, Vol IX,  
No 3, 1960, pp 257-408.

\*JPRS

Tasks for the Machine Industry, by Sebestyen  
Endre Bakonyi, (NY-6066).

HUNGARIAN, per, Gep, Vol XIII, No 1, 1961,  
pp 3-6.

\*JPRS

Shortening Product Development Time by  
Reorganizing Production Technology, by  
Florian Antoniewicz, (DC-5403).

HUNGARIAN, per, Ipargazdasag, Vol XII,  
No 11, 1960, pp 15-18.

\*JPRS

Pig Iron Production in Hungary Since the  
1957 Conference of Pig Iron Producers, by  
Pal Pilter, (DC-5454).

HUNGARIAN, per, Kohaszati Lapok, Vol XCIV,  
No 1, 1961, pp 14-18.

\*JPRS

Use of Blast Furnace Slag, by Marton Volko,  
(DC-5454).

HUNGARIAN, per, Kohaszati Lapok, Vol XCIV,  
No 1, 1961, pp 23-28.

\*JPRS

The TSZ Movement and Tax Policy, by  
Tela Bojko, 29 pp.

HUNGARIAN, per, Kozgazdasagi Szemle, Vol VII,  
No 2, 1960, pp 176-193.

JPRS 7927

Development and Present Status of Hungarian  
Agricultural Production and State Purchasing,  
by Vilmos Saghy, (DC-5455).

HUNGARIAN, per, Kozgazdasagi Szemle, Vol VII,  
No 8/9, 1960, pp 909-925.

\*JPRS

Eastern Europe  
Economic (Contd)

The Socialist Price System and the Net Social Income, by Imre Vince, (NY-6018).  
HUNGARIAN, per, Kozgazdasagi Szemle, Vol VIII, No 2, 1961, pp 142-156.

\*JPRS

Problems Involved in the Planning of Consumer Services, by Kalman Burger, (NY-6018).  
HUNGARIAN, per, Kozgazdasagi Szemle, Vol VIII, No 2, 1961, pp 157-170.

\*JPRS

The Preparation of Input-Output Tables Usable in a Comparative System, by Sandor Ausch, Andras Brody, (NY-6018).  
HUNGARIAN, per, Kozgazdasagi Szemle, Vol VIII, No 2, 1961, pp 171-179.

\*JPRS

Merger of Farm, Forest and Industrial Railroads With the Hungarian State Railways, 8 pp.  
HUNGARIAN, per, Kozlekedesugyi Ertesito, Vol XII, No 9, 9 Apr 1960, pp 61-63.

JPRS 6916

The European Socialist Countries' Trade With the European Economic Community and Organization for European Economic Cooperation, by Laszlo Gardos, (NY-6103).  
HUNGARIAN, per, Kulkereskedelem, Vol V, No 2, 1961, pp 11-14.

\*JPRS

Achievements of the Chemical Industry in 1960 and Tasks for 1961, the First Year of the Second Five-Year Plan, by Sandor Czottner, (DC-5605).  
HUNGARIAN, per, Magyar Kemikusok Lapja, Vol XVI, No 1, 1961, pp 1-5.

\*JPRS

Tasks for the Development of Chemical Industry Machine Production, by Laszlo Fekete, (DC-5621).  
HUNGARIAN, per, Magyar Kemikusok Lapja, Vol XVI, No 2, 1961, pp 49-52.

\*JPRS

Council of Ministers Decision on State Assistance for the Economic Strengthening and Development of TSZ's, by Ferenc Munnich, 20 pp.  
HUNGARIAN, per, Magyar Kozlony, No 101, 17 Nov 1960, pp 697-708.

JPRS 6916

Eastern Europe  
Economic (Contd)

Decree No 1/1961 (I.13.) of the Minister of Agriculture on Management and Organization of the TSZ Group, (DC-5437).

HUNGARIAN, per, Magyar Kozlony, No 2, 13 Jan 1961, pp 9-20.

\*JPRS

Decree No 1/1961. (.31.) P.M. of the Minister of Finance Dealing With Renovation Tax Allowances on Private Dwellings and Provisional Tax Allowances on State-Owned Dwellings Sold by the National Savings Bank, (NY-6016).

HUNGARIAN, per, Magyar Kozlony, No 6, 31 Jan 1961, pp 57-60.

\*JPRS

Instrumentation and Automation in the Chemical Industry, by Gyula Szeker, 13 pp. HUNGARIAN, per, Meres es Automatika, Vol VIII, No 9, 1960, pp 259-263.

JPRS 7753

Role of Instrumentation and Automation in the Development of the Food Industry, by Gabor Torok, 10 pp.

HUNGARIAN, per, Meres es Automatika, Vol VIII, No 9, 1960, pp 264-267.

JPRS 7753

Resolutions Adopted by the National Instrumentation Conference, 10 pp.

HUNGARIAN, per, Meres es Automatika, Vol VIII, No 9, 1960, pp 268-271.

JPRS 7753

Statistics on the State Owned Foundry Industry in Hungary, by Jozsef Lacfalvi, (DC-5454).

HUNGARIAN, per, Ontode (Supplement), Vol XCIV, No 1, 1961, pp 18-23.

\*JPRS

TV Relay Station is Being Built at Sopron, 1 p.

HUNGARIAN, per, Radiotechnika, Vol IX, No 12, 1959, p 371.

USASIA Tr-1117

Description of Domestically Produced Heavy-Current Cables, by Dezso Banki, 50 pp.

HUNGARIAN, per, Villamosag, Vol VIII, No 7, 1960, pp 193-204.

JPRS 7632



Eastern Europe  
Economic (Contd)

General Principles of the Polish  
Financial System, by Zbigniew  
Pirozynski, Emanuel Winter, 50 pp.  
POLISH, bk, Rocznik Polityczny i  
Gospodarczy, 1959, 1960, pp 657-699.

JPRS 6764

"Rambutan," the First 900-Deadweight Ton  
Freighter for Indonesia, by Franciszek  
Bembnowski, Andrzej Robakowicz, 6 pp.  
POLISH, per, Budownictwo Okretowe, Vol  
V, No 10, 1960, pp 296-298.

JPRS 7892

The 4,200 Ton Motor Ship Sapudi, by  
W. Grel, (NY-6069).  
POLISH, per, Budownictwo Okretowe,  
Vol VI, No 1, 1961, pp 4-7.

\*JPRS

Law on Geological Exploration in  
Poland, Law No 303, 11 pp.  
POLISH, per, Dziennik Ustaw, No 52,  
26 Nov 1960, pp 500-504.

JPRS 4416

Conservation of Power in the Autumn-  
Winter Peak Load Hours (1960-1961),  
by Bronislaw Lis, 7 pp.  
POLISH, per, Energetyka, Vol XIV, No  
10, 1960, pp 294-296.

JPRS 6906

Impediments to Coal Mine Electrification,  
by Witold Zyk, 8 pp.  
POLISH, per, Energetyka Przemyslowa, Vol  
VIII, No 10, 1960, pp 315-317.

JPRS 7893

Efforts to Reduce Power Shortage, 5 pp.  
POLISH, per, Energetyka Przemyslowa, Vol  
VIII, No 10, 1960, pp 333, 334.

JPRS 7893

Selected Articles From the Polish Periodical  
Finanse.

Vol XI, No 9, 1960.

JPRS 7893

After the Introduction of Price  
Reform of Supply and Investment  
Goods, by Stanislaw Majewski,  
13 pp, (pp 1-9).

Eastern Europe  
Economic (Contd)

Selected Articles From the Polish Periodical  
Finanse.

Vol XI, No 9, 1960.

JPRS 7893

Main Directions and Tasks of the  
State Revenue Apparatus in the  
Present Period, by Zdzislaw  
Rostkowski, 18 pp, (pp 10-22).

Housing Construction in the Final  
Years of the 1956-1960 Five-Year Plan,  
by Jerzy Gniewaszewski, 11 pp,  
(pp 27-32).

Tasks of the Agricultural Bank in the  
Implementation of the Resolutions of the  
Fifth Plenum of the Central Committee of  
the PZPR, by Edward Boron, 12 pp, (pp 33-40).

Interest, an Unpopular Unused Reserve, by  
Wladyslaw Latas, 7 pp, (pp 41-45).

Vol XI, No 11, 1960, (DC-5603).

\*JPRS

First Conclusions on the Investment Re-  
vision, by Zbigniew Madej, (pp 1-7).

Bank Control of Purchases of Machines and  
Equipment for Investment Purposes, by  
Tadeusz Baranski, (pp 8-11).

Credit System for Financing Farmers, by  
Romuald Harasimowicz, (pp 12-20).

Vol XI, No 12, 1960, pp 19-27 (DC-5520).

\*JPRS

The Plant Fund in 1959, by Halina Druska.

Efficiency of the Central Agricultural Coopera-  
tives Office Trade Serving Villages, by Edmund  
Bratkowski, 4 pp.

POLISH, np, Gazeta Handlowa, Vol XIV (XI),  
No 53, 1 Jul 1960, p 3.

JPRS 7732

Eastern Europe  
Economic (Contd)

Main Directions of Investments in  
Consumer Cooperatives, by Jadwiga Lakka, 4 pp.

POLISH, np, Gazeta Handlowa, Vol XIV (XI),  
No 53, 1 Jul 1960, p 3.

JPRS 7732

Investments in the Field of Telecommunications in the Past Year and Projects for the Current Year, by M. Jedrychowski, 7 pp.  
POLISH, per, Gospodarka Laczności, No 7, 1958, pp 1-3.

USASIA H-6803/A

Selected Articles From the Polish Periodical  
Gospodarka Planowa, Vol XV, No 8/9, 1960.

JPRS 7846

Main-Export Problems of the Machine Industry, by Julian Gren, 17 pp, (pp 1-7).

Effect of the Development of Iron Metallurgy on the Foreign Trade Balance, by Andrzej Adamczyk, 19 pp, (pp 7-13).

Employment and Labor Productivity in 1961-1965, by Witold Bohusz, 12 pp, (pp 17-21).

The Influence of the New Railroad Commodity Rate on Transportation Policy and Economy, by Stefan Pozniak, 9 pp, (pp 25-28).

Problems of Locating Industry on the Basis of Long-Range Plan Principles, by Wiktor Buch, 17 pp, (pp 28-34).

Actual Work Done on Changes in Planning Methods, by Edward Szymanski, Michal Wolski, 9 pp, (pp 39-42).

Problems of Studying the Capital Consumption in Production, by Edward Rybarczyk, 16 pp, (pp 60-65).

Problems of Raising Rents in the Light of Data on Budgets of Industrial Workers, by Wanda Litterer-Marwege, 14 pp, (pp 65-69).

Some Problems in the Development of Trade Services for the Public, by Witold Jaroszewski, 11 pp, (pp 84-87).

Eastern Europe  
Economic (Contd)

Technical Progress in Waterworks Construction, by Antoni Arkuzewski, 9 pp.  
POLISH, per, Gospodarka Wodna, Vol XX, No 8(64), 1960, pp 337-340.

JPRS 6786

Foreign Trade and the Prospects of Poland's Economic Development, by Maciej Deniszczuk, (SF-1614).  
POLISH, per, Handel Zagraniczny, No 12, 1959, pp 514-517.

\*JPRS

Metallurgical Industry Development, 13 pp.  
POLISH, per, Hutnik, Vol XXVII, No 7/8, 1960, pp 254-259.

JPRS 7732

Testing of Air and Gas Recuperators, by H. Babczynski, J. Kokot, J. Janicki, 14 pp.  
POLISH, per, Hutnik, Vol XXVII, No 7/8, 1960, pp 278-283.

JPRS 7732

Survey on Progress in the Metallurgical Industry, by A. Zdanowski, 12 pp.  
POLISH, per, Hutnik, Vol XXVII, No 7/8, 1960, pp 304-307.

JPRS 7732

Industrial Design Problems, by Czeslaw Babinski, 10 pp.  
POLISH, per, Hutnik, Vol XXVII, No 10, 1960, pp 361-367.

JPRS 7750

Construction and Investment in Agriculture, by Zdzislaw Witebski, 24 pp.  
POLISH, per, Inwestycje i Budownictwo, Vol X, No 7/8, 1960, pp 35-40.

JPRS 7845

Development of Government-Owned Forests During 1961-1965, by Zygmunt Patalas, Grzegorz Fomicz, 12 pp.  
POLISH, per, Las Polski, Vol XXXIV, No 19, 1-15 Oct 1960, pp 1-5.

JPRS 7753

The OP - 380b Boiler, by Jerzy Kopydlowski, 8 pp.  
POLISH, per, Mechaniczny, Vol XIX, No 16, 30 Aug 1960, pp 481-483.

JPRS 7736

Eastern Europe  
Economic (Contd)

Eccentric Press Production, by K.  
Bosiacki, 6 pp.  
POLISH, per, Mechanik, Vol XXXIII, No  
10, 1960, pp 501-503.

JPRS 7892

Production of Jaw Type Lathe Chucks,  
by Stanislaw Malinowski, 8 pp.  
POLISH, per, Mechanik, Vol XXXIII,  
No 10, 1960, pp 524-526.

JPRS 7892

Development of Industrial Welding  
in 1961-1965, by S. Rudowski, (DC-  
(DC-5402).  
POLISH, per, Mechanik, Vol XXXIII, No  
11, 1960, pp 533-535, 552.

\*JPRS

Agricultural Equipment Market, 5 pp.  
POLISH, per, Mechanizacja Rolnictwa,  
Vol VII, No 10, 1960.

JPRS 7732

Progress in Agricultural Machinery  
Industry, by Zygmunt Miller, 5 pp.  
POLISH, per, Mechanizacja Rolnictwa,  
Vol VII, No 10, 1960, pp 6, 7.

JPRS 7732

Present State and Outlook for Oil and  
Gas Exploration, by J. Borowski, St.  
Depowski, (DC-5572).  
POLISH, per, Nafta, Vol XVI, No 4, 1960,  
pp 85-94.

\*JPRS

Petroleum Industry Production in 1959,  
by Jan Borowski, 7 pp.  
POLISH, per, Nafta, Vol XVI, No 8, 1960,  
pp 203-205.

JPRS 7736

Observations on Standardization of  
Chemical Apparatus in Poland, by B.  
Szatanski, (NY-6053).  
POLISH, per, Normalizacja, Vol XXVIII,  
No 2, pp 60-63.

\*JPRS

Our Foreign Trade, by Wieslaw Rydygier,  
(NY-6023).  
POLISH, per, Nowe Drog, No 1, 1961,  
pp 59-69.

\*JPRS

Eastern Europe  
Economic (Contd)

Economic Unity of CEMA Members States,  
by Henryk Rozanski, (NY-6023).  
POLISH, per, Nowe Drogi, No 1, 1961,  
pp 80-92.

\*JPRS

Problem of the Improvement and Ful-  
fillment of the Five-Year Plan, by  
Czeslaw Bobrowski, (NY-6023).  
POLISH, per, Nowe Drogi, No 1, 1961,  
pp 119-128.

\*JPRS

Some Problems of the 1961-1965 Five-  
Year Plan, by Stefan Jedrychowski,  
(NY-6029).  
POLISH, per, Nowe Drogi, No 2, 1961,  
pp 86-101.

\*JPRS

Concentration and Specialization of  
Agricultural Production, by W.  
Maringe, (DC-5513).  
POLISH, per, Nowe Rolnictwo, Vol X,  
No 1, 1961, pp 8-11.

\*JPRS

Polish Political and Economic Interest  
in Africa, (DC-5615).  
POLISH, np, Polityka, Vol V, No 6,  
11 Feb 1961, pp 1, 10.

\*JPRS

The Development of Large-Block Con-  
struction in East Germany, by W.  
Ledderboge, 29 pp.  
POLISH, per, Przegląd Budowlany, Vol  
XXXII, No 8, 1960, pp 337-343.

JPRS 7696

The Experience and Future Expansion  
of Large-Panel Construction in East  
Germany, by I. Herholdt, 22 pp.  
POLISH, per, Przegląd Budowlany, Vol  
XXXII, No 8, 1960, pp 344-349.

JPRS 7696

The Development of Series Production  
of Housing in East Germany, by Erwin  
Olonschek, 17 pp.  
POLISH, per, Przegląd Budowlany, Vol  
XXXII, No 8, 1960, pp 350-354.

JPRS 7696

Eastern Europe  
Economic (Contd)

The Goals of Transportation in Construction in Poland, by Wincenty Romanowski, 6 pp.

POLISH, per, Przegląd Budowlany, Vol XXXII, No 8, 1960, pp 368, 369.

JPRS 7696

Technical Progress in Building Thermal Power Plants, by Borys Gutherc, 11 pp.

POLISH, per, Przegląd Elektrotechniczny, Vol XXXVI, No 10, 1960, pp 392-394.

JPRS 7892

Progress in Thermal Plant Construction, by Tadeusz Stasiak, Tadeusz Szypula, 14 pp.

POLISH, per, Przegląd Elektrotechniczny, Vol XXXVI, No 10, 1960, pp 394-399.

JPRS 7892

Mechanical Equipment Used in Transportation by Means of Water Pressure in Coal Mining, by Eugeniusz Bak, 12 pp.

POLISH, per, Przegląd Gorniczy, Vol XVI, No 10, 1960, pp 502-506.

JPRS 7750

International Communication Network of OSShd Railroads (Conclusion), by Jerzy Piastowski, 9 pp.

POLISH, per, Przegląd Kolejowy Elektrotechniczny, Vol XII, No 9, 1960, pp 271-274.

JPRS 7752

Conference Circuit System and Equipment for Polish State Railroads, Part II, by Wladyslaw Majewski, 10 pp.

POLISH, per, Przegląd Kolejowy Elektrotechniczny, Vol XII, No 9, 1960, pp 277-281.

JPRS 7752

Goals of Railroads in 1961-1965, by Witold Dowiatt, 12 pp.

POLISH, per, Przegląd Kolejowy Przewozowy, Vol XII, No 9, 1960, pp 19-26.

JPRS 7732

Three-Stage Evaporation Boiler, by Piotr Orlowski, 7 pp.

POLISH, per, Przegląd Mechaniczny, Vol XIX, No 17, 10 Oct 1960, pp 516-520.

JPRS 7736

Eastern Europe  
Economic (Contd)

Selected Articles From the Polish Periodical  
Przegląd Techniczny.

Vol LXXXI, No 4, Special Issue, Aug 1960.

JPRS 7812

Mechanization of Work on Breeding Farms,  
by Jerzy Dmitrewski, 14 pp, (pp 15-19).

Replacement Parts for Agricultural Ma-  
chinery, by Mieczysław Klosowicz, 12 pp,  
(pp 19-23).

Agricultural Machinery Production in  
1960-1965, by Zygmunt Miller, 10 pp,  
(pp 23-27).

CEMA Cooperation in Agricultural Machinery  
Production, by Henryk Szemiota, 4 pp,  
(pp 26, 27).

Chemicals in Agriculture, by Tadeusz  
Stobiecki, 13 pp, (pp 28-32).

Equipment for Crop Protection, by  
Stanisław Galecki, 10 pp, (pp 32-36).

Status and Need of Soil Improvement,  
by Kalina Smolska, Zenon Sniadowski,  
Stanisław Drupka, 15 pp, (pp 36-40).

Electrical Needs of Agriculture, by  
Stanisław Krakowiak, 10 pp, (pp 40-44).

Farm Building Construction, by Józef  
Geniusz, 11 pp, (pp 45-50).

Supplying Agriculture With Metal Products,  
by Bronisław Tatarkiewicz, 13 pp, (pp 54-58).

Training of Mechanics for Agriculture,  
by Wiktor Gruchalski, 13 pp, (pp 60-64).

Agricultural Supply Plans, by Tadeusz  
Kocielecki, 12 pp, (pp 66-71).

"Pionier" Special Equipment Plant for  
Agricultural Machinery, by Marian  
Kuzdowicz, 5 pp, (pp 73, 74).



Eastern Europe  
Economic (Contd)

Selected Articles From the Polish Periodical  
Przegląd Techniczny.

Vol LXXX No 33, 17 Aug 1960, p 6.

JPRS 7736

Technical Research for Industry, 4 pp.

Vol LXXXI, No 5, Sep 1960.

JPRS 7845

Deciding Factors for Industrial Expansion,  
by Wieslaw Rydygier, 8 pp, (pp 2-4).

Non-Polish Machine Tools at Poznan Fair,  
by Jan Szulc, 7 pp, (pp 14-20).

Ship-Outfitting Equipment, by Witold Grabski,  
6 pp, (pp 57-61).

Office Machinery Exhibit at Poznan Fair,  
by Andrzej Staworzynski, 7 pp, (pp 65-70).

Vol LXXXI, No 42, 19 Oct 1960.

JPRS 7753

Technical Progress in Construction in  
1961-1965, by Boleslaw Kierski, 7 pp,  
(pp 3-5).

Substitution of Plastics for Nonferrous  
Metals, by Michal Kubiak, 5 pp, (p 5).

Vol LXXXI, No 45, 9 Nov 1960.

JPRS 6916

Production Problems at the Lenin Metal-  
lurgical Plant, by Wlodzimierz Lenard,  
5 pp, (pp 4-7).

Production Reserves at the Kedzierzyn  
Chemical Plant, by Wlodzimierz Kanicki,  
6 pp, (p 8).

The Polish Radio-Electronic Industry at the  
28th International Fair in Poznan, 84 pp.  
POLISH, per, Przegląd Telekomunikacyjny,  
Vol XXXII, No 5, 1959, pp 138-162.

USASIA H-6836-A

Eastern Europe  
Economic (Contd)

Third National Transistor Conference,  
by Stefan Darecki, 4 pp.

POLISH, per, Przegląd Telekomunikacyjny,  
Vol XXXIII, No 8, 1960, p 248.

JPRS 7732

New Dye-Stuffs of the "Boruta" Dye-Stuff  
Works, 3 pp.

POLISH, per, Przegląd Włókienniczy, No 4,  
1960, pp 201, 202.

ACSI H-7949  
ID 2152361

Costs in the Grain Economy, by Bolewslaw  
Markowski, 6 pp.

POLISH, per, Przegląd Zbozowo-Młynarski,  
No 7, 1960, pp 194, 195.

JPRS 7732

New Freight Rates of the Polish Railroad  
and Grain Turnover, by Antoni Budny, 4 pp.

POLISH, per, Przegląd Zbozowo-Młynarski,  
No 7, 1960, p 218.

JPRS 7732

The Travel Time Table 1958/1959, by Ignacy  
Gryzel, 16 pp.

POLISH, per, Railroad Review, Transporters,  
May 1958, pp 113-120.

ACSI H-6066  
ID 2162107

Polish Xanthogenate Production, by Mirosław  
Oktawiec, Karol Wierzbicki, 12 pp.

POLISH, per, Rudy i Metale Niezelazne, Vol  
V, No 10, 1960, pp 398-401.

JPRS 7750

Acceleration of Hospital Construction, by  
W. Straszewicz, 4 pp.

POLISH, np, Sluzba Zdrowia, Vol XII, No  
45, 6 Nov 1960, p 6.

JPRS 6820

Production of C-325 and C-336 Tractors,  
by Marian Gwiazdecki, 16 pp.

POLISH, per, Technika Motoryzacyjna,  
Vol X, No 5, 1960, pp 155-161.

JPRS 7732

Automotive Industry Designers Conference,  
10 pp.

POLISH, per, Technika Motoryzacyjna, Vol  
X, No 8, 1960, pp 268-270.

JPRS 7736

Conference of Specialized Institutes and  
Automotive Industry, 12 pp.

POLISH, per, Technika Motoryzacyjna, Vol  
X, No 8, 1960, pp 271-274.

JPRS 7736

Eastern Europe  
Economic (Contd)

Important Achievements of Polish Coal Associations in 1960, (NY-6068).  
POLISH, per, Wiadomosci Gornicze,  
Vol XI, No 12, 1960, pp 432-445.

\*JPRS

Expenditures of Socialized Economy in Favor of Non-Socialized Economy, by Z. Grochulski, J. Zawadzki, 13 pp.  
POLISH, per, Wiadomosci Narodowego Banku Polskiego, Vol XV, No 12, 1959, pp 571-576.

JPRS 6817

Principles of Bank Control of Decentralized Investments, by J. Boguszewski, 12 pp.  
POLISH, per, Wiadomosci Narodowego Banku Polskiego, Vol XV, No 12, 1959, pp 579-583.

JPRS 6817

Effectiveness of Credit Influence on the Basis of 1958-1959 Experience, by J. Jedrzejowska, 5 pp.  
POLISH, per, Wiadomosci Narodowego Banku Polskiego, No 12, 1959, pp 600-602.

JPRS 6817

Selected Articles From the Polish Periodical Wiadomosci Statystyczne, Vol V, No 4, Jul/Aug 1960.

JPRS 7696

Remarks on Methods and Ways of Calculating Real Income of Rural Population, by Adam Szynekarczuk, 10 pp, (pp 7-10).

The Utilization of Machines by Construction Enterprises, Part I, by Zbigniew Boguslawski, 12 pp, (pp 10-13).

Methods of Calculating Stock Index in Days for Raw Material, Other Materials, and Fuels, by Stefan Zadrzynski, 12 pp, (pp 14-17).

Representative Inquiry Research on Living Conditions, by Michal Szymanowski, 7 pp, (pp 22-24).

Eastern Europe  
Economic (Contd)

Selected Articles From the Polish Periodical  
Wiadomosci Statystyczne, Vol V, No 4, Jul/Aug  
1960.

JPRS 7696

Research on Family Budgets, by Jan Kordos,  
7 pp, (pp 24-26).

The Development of Statistics on Results  
of General Inventory of Fixed Assets, by  
Mieczyslaw Pawlak, 5 pp, (pp 26, 27).

Results of New Work Standards, by Andrzej  
Bober, 5 pp.  
POLISH, per, Zycie Gospodarcze, Vol XV,  
No 42, 16 Oct 1960, p 3.

JPRS 7750

Selections From the Book "Corn", by A. S. Shev-  
chenko; Introduction, by Nicolae Sarpe, (NY-6067).  
RUMANIAN, monograph, Porumbul, 1960,  
Introductory IV-XX, pp 116-172.

\*JPRS

Achievements and Plans in the Field of  
Plant Protection, by V. Bontea, C.  
Rafaila, 4 pp.  
RUMANIAN, per, Agricultura Noua, Vol  
VII, 16 Sep 1960, p 2.

JPRS 6786

Decision on State Action for Standardiza-  
tion in Rumania, (NY-5922).  
RUMANIAN, per, Colectia de Hotariri si  
Dispozitii ale Consiliului de Ministri al  
RPR, Vol X, No 1, 1961, pp 2-12.

\*JPRS

Decision on Establishing of Wholesale and  
Retail Prices for Some Metallurgical  
Products, (NY-5940).  
RUMANIAN, per, Colectia de Hotariri si  
Dispozitii ale Consiliului de Ministri  
al RPR, Vol X, No 3, 16 Jan 1961, pp 3-7.

\*JPRS

Present Trends in Designing Rumanian  
Electric Power Plants, by V. Nitu, N.  
Vasilescu, (NY-5923).  
RUMANIAN, per, Energetica, Vol VIII,  
No 8, 1960, pp 359-365.

\*JPRS

Eastern Europe  
Economic (Contd)

Activity of the Power Construction and Assembly Trust in the Romanian Six-Year Plan, by A. Vlad, P. Vicol, (HY-5921).

RUMANIAN, per, Energetica, Vol VIII, No 9, 1960, pp 381-386.

\*JPRS

Mechanization of Bookkeeping in the Romanian State Bank, by D. Toma, (HY-6106).

RUMANIAN, per, Evidenta Contabila, Vol VI, No 1, 1961, pp 28-31.

\*JPRS

New Regulations on Control of State Revenues, by I. Kirmaier, N. Vasilescu, 8 pp.

RUMANIAN, per, Finante si Credit, Vol VI, No 8, 1960, pp 34-40.

JPRS 6817

Functions of the Ministry of Finance and the State Bank, 9 pp.

RUMANIAN, per, Finante si Credit, Vol VI, No 8, 1960, pp 86-90.

JPRS 6817

On Reducing Material Losses During Transportation, Handling, and Storage of Products, by D. Lovian, (DC-5622).

RUMANIAN, per, Finante si Credit, Vol VI, No 11, 1960, pp 40-50.

\*JPRS

Progress in the Production of Chemical Fibers in the German Democratic Republic, by Andreas Hunyar, 6 pp.

RUMANIAN, per, Industria Textila, Vol XI, No 2, 1960, pp 41-43.

ACSI H-6312-A  
ID 2162119

The Present and Future Development of Various Organic Colorants, by C. Calin, 8 pp.

RUMANIAN, per, Industria Textila, Vol XI, No 2, 1960, pp 43-51.

ACSI H-6312-B  
ID 2162119

Eastern Europe  
Economic (Contd)

Selected Articles From the Rumanian Periodical  
Metalurgia si Constructia de Masini.

Vol XII, No 2, 1960.

JPRS 6774

Development of the Metallurgical and  
Machine-Building Industry in 1960, 6 pp,  
(pp 97, 98).

Successes in the Development of the  
Metallurgical and Machine-Building In-  
dustries in Bulgaria, by A. Izmirliiev,  
4 pp, (pp 156, 157).

Vol XII, No 10, 1960, pp 871-877,  
(DC-5604).

\*JPRS

Possibilities for Modifying and Using  
the D-35 M and D-35 Engines of Ship Board,  
by Costica Alexandru, Severin Bumbaru,  
Stefan Ionescu.

Vol XII, No 11, 1960, (DC-5604).

\*JPRS

Reduction of the Specific Consumption  
of Furnace Coke, by C. Marcu, (pp 1009-1013).

For the Most Rational Utilization of  
Nonferrous Metal, by Gh. Sica, T. Melinte,  
(pp 1014-1017).

Vol XII, No 12, 1960, pp 1049-1052, (DC-5612).

\*JPRS

Achievements of the First Year of the Six-  
Year Plan and Tasks of Our Metallurgical  
and Machine-Building for 1961.

Experimental Installation for the Automation  
of a Crude Oil Producing Section, by C.  
Evghenide, I. Papadache, V. Slev, S. Socol,  
(DC-5614).

RUMANIAN, per, Petrol si Gaze, Vol XI, No 11,  
1960, pp 510-518.

\*JPRS

Eastern Europe  
Economic (Contd)

Expansion of Turbine Drilling, Basic Problem of the Expansion of the Rumanian Petroleum Industry, (DC-5614).

RUMANIAN, per, Petrol si Gaze, Vol XI, No 12, 1960.

\*JPRS

Paraffin Deposits and the Difficulties They Cause in the Transportation of Crude Oil Through Pipelines, by B. Silberstain, V. Petrescu, I. Stancu, (DC-5614).

RUMANIAN, per, Petrol si Gaze, Vol XI, No 12, 1960, pp 538-545.

\*JPRS

Extraction of Some Rumanian Motor Oils With Furfural, by B. Danilov, (DC-5614).

RUMANIAN, per, Petrol si Gaze, Vol XII, No 1, 1961, pp 27-33.

\*JPRS

Present Problems of Increasing Labor Productivity and the Rational Use of the Labor Forces, by I. Bati, 20 pp.

RUMANIAN, per, Probleme Economice, Vol XIII, No 6, 1960, pp 3-17.

JPRS 7892

Improvement in the Use of Industrial Production Capacities, by A. Iancu, 20 pp.

RUMANIAN, per, Probleme Economice, Vol XIII, No 6, 1960, pp 18-32.

JPRS 7892

The Direction of Investments in the 1960-1965 Period, by R. Saveanu, 14 pp.

RUMANIAN, per, Probleme Economice, No 9, 1960, pp 23, 24.

JPRS 7750

Fast Curing of Superphosphates, by E. Ionescu, Marinela Mun, Eugenia Tomescu, (NY-6033).

RUMANIAN, per, Revista de Chimie, Vol Vol XII, No 1, 1961, pp 10-17.

\*JPRS

The New Copper-Bearing Mineralizations With Domeykite and Algodonite in the Muntii Metalici, by M. Socolescu, C. Superceanu, (DC-5613).

RUMANIAN, per, Revista Minelor, Vol XI, No 10, 1960, pp 431-447.

\*JPRS

Eastern Europe  
Economic (Contd)

Amortization in the Coal-Mining Industry,  
by Mihail Enache, (DC-5613).  
RUMANIAN, per, Revista Minelor, Vol XII,  
No 1, 1961, pp 9-18.

\*JPRS

Plans for Development of Forestry  
Resources, by M. Suder, 5 pp.  
RUMANIAN, per, Revista Padurilor, Vol LXXV,  
No 8, 1960, pp 445-447.

JPRS 7834

Plans for Raising Forest Productivity,  
by H. Nicovescu, 8 pp.  
RUMANIAN, per, Revista Padurilor, Vol LXXV,  
No 8, 1960, pp 451-453.

JPRS 7834

Making the Forest Sector More Profitable,  
by I. Panait, Gh. Lefter, 13 pp.  
RUMANIAN, per, Revista Padurilor, Vol LXXV,  
No 8, 1960, pp 461-467.

JPRS 7834

Navigation Gauge on the Danube, by M.  
Marinescu, (DC-5531).  
RUMANIAN, per, Revista Transporturilor,  
Vol VII, No 12, 1960, pp 528-532.

\*JPRS

Present Situation and Future Prospects  
of Hungarian Navigation Development, by  
Gyorgy Fekete, (DC-5531).  
RUMANIAN, per, Revista Transporturilor,  
Vol VII, No 12, 1960, pp 532-540.

\*JPRS

Important Measures for Improving  
Technical-Economic Activities, 4 pp.  
RUMANIAN, np, Technica Noua, Vol VII,  
No 270, 27 Jul 1960, pp 1, 2.

JPRS 7736

The Development of Powder Metallurgy,  
by Paul Herscovici, 5 pp.  
RUMANIAN, np, Technica Noua, Vol VII,  
No 270, 27 Jul 1960, p 4.

JPRS 7736

Planning: An Important Factor in the  
Modernization of Rumanian Telecommunications,  
by D. R. Mocanu, 3 pp.  
RUMANIAN, per, Telecommunicatii, No 4,  
Jul/Aug 1960, pp 149, 150.

JPRS 7736



Eastern Europe  
Economic (Contd)

Development of the Albanian Economy,  
by L. V. Tyagunenko, (SF-1663).  
RUSSIAN, monograph, Razvitiye Ekonomiki  
Narodnoy Respubliki Albanii, Moscow, 1960,  
pp 1-80.

\*JPRS

Albanian Agriculture, by R. I. Dogonadze,  
157 pp.  
RUSSIAN, bk, Sel'skoye Khozyaystvo Albanii,  
1957, 255 pp.

JPRS 6662

The Financing of Communal Activities in  
Yugoslavia, by Mihajlo Grigorov, (DC-5519).  
SERBIAN, per, Socijalna i Zdravstvena  
Politika, Vol XIII, No 11-12, 1960,  
pp 53-59.

\*JPRS

Survey of Cold Storage Plant Network in  
Yugoslavia, by Josko Simoncic, 10 pp.  
SERBO-CROATIAN, per, Tehnika, Feb 1960,  
pp 339-343.

ACSI H-8320  
ID 2163946

Production of the Textile Industry, 3 pp.  
SERBO-CROATIAN, per, Vojno Ekon Pregled,  
Jun 1960, pp 233-235.

ACSI H-8327  
ID 2161143

Eastern Europe  
Political

Albanian Party Theoretical Journal Discusses  
1960 Moscow Declaration (Our Great Epoch),  
by Agim Popa, (DC-5625).

ALBANIAN, per, Rruga e Partise, No 1, 1961,  
pp 11-23.

\*JPRS

A Peaceful and Nonpeaceful Way of Developing  
the Socialist Revolution, by Raycho Pishev,  
(DC-5610).

BULGARIAN, per, Novo Vreme, Vol XXXVII, No 1,  
1961, pp 28-39.

\*JPRS

A New Stage in the Development of Socialist  
Democracy in Bulgaria, by Yanko Yanev,  
(DC-5609).

BULGARIAN, per, Novo Vreme, Vol XXXVII, No 2,  
19 Jan 1961, pp 3-18.

\*JPRS

The Upsurge of Left-Wing Forces in Inter-  
national Social Democracy, by Stoyan Petrov,  
(DC-5609).

BULGARIAN, per, Novo Vreme, Vol XXXVII, No 2,  
19 Jan 1961, pp 36-48.

\*JPRS

The Bulgarian Communist Party and Literature,  
by Aleksey Sergenski, (DC-5609).

BULGARIAN, per, Novo Vreme, Vol XXXVII, No 2,  
19 Jan 1961, pp 85-96.

\*JPRS

To Promote the Activity and Increase the  
Responsibility of Every Bulgarian Communist,  
by Stoil Khristov, 9 pp.

BULGARIAN, per, Partien Zhivot, Vol IV, No 16,  
6 Nov 1960, pp 29-35.

JPRS 6757

Struggle on two Fronts -- Against Revisionism  
as the Main Danger and Against Dogmatism, by  
Docent Girgin Girginov, (DC-5573).

BULGARIAN, per, Partien Zhivot, Vol V, No 1,  
1961, pp 10-21.

\*JPRS

Social Conditions for the Withering Away of  
the State and the Law (the Yugoslav View),  
by Rad D. Lukic, (SF-1655).

CROATIAN, per, Arhiv za Pravne i Društvene  
Nauke, Vol XVI, No 1/2, Jun 1960, pp 30-40.

\*JPRS

Eastern Europe  
Political (Contd)

Inspection Services in Serbia, (NY-6090).  
CROATIAN, per, Jugoslovenski Pregled, No 1,  
1961, pp 1-5.

\*JPRS

International Activity of the Yugoslav Trade  
Unions in 1960, by B. K., (NY-6090).  
CROATIAN, per, Jugoslovenski Pregled, No 1,  
1961, pp 8-12.

\*JPRS

Internationalism and International Coopera-  
tion, by Punisa Perovic, (DC-5491).  
CROATIAN, per, Nasa Stvarnost, Vol XV, No 1,  
1961, pp 16-32.

\*JPRS

War or Coexistence, by Franjo Tadjman,  
(DC-5491).  
CROATIAN, per, Nasa Stvarnost, Vol XV, No 1,  
1961, pp 33-53.

\*JPRS

Yugoslav Administration and the Citizen, by  
Lado Vavpetic, (DC-5618).  
CROATIAN, per, Nova Administracija, Vol IX,  
No 1, 1961, pp 21-38.

\*JPRS

Current Problems in Ideological Education  
in Yugoslavia, by Budislav Soskic, 26 pp.  
CROATIAN, per, Socializam, Vol III, No 6,  
Dec 1960, pp 100-129.

JPRS 6923

About the Crisis of the Young Generation in  
the World, by Miko Tripalo, (DC-5607).  
CROATIAN, per, Socijalizam, Vol IV, No 1,  
1961, pp 25-30.

\*JPRS

Theses for the Theory of Socialist Commodity  
Production, by Miladin Korac, (DC-5607).  
CROATIAN, per, Socijalizam, Vol IV, No 1,  
1961, pp 31-53.

\*JPRS

The Frenzel Spy Case, (DC-5634).  
GERMAN, per, Der Spiegel, Vol XIV, No 46,  
9 Nov 1960, pp 23-26, 28-31.

\*JPRS

Visit of SOHYO President Ota in East Berlin,  
6 pp.  
GERMAN, np, Tribuene, 10-12 Jan 1961.

JPRS 6925

Eastern Europe  
Political (Contd)

The Bitter Fruits of the "Cold War," by Henryk Zwiren, 3 pp.

POLISH, np, Glos Wielkopolski, 1/2 Jan 1961,  
Encl 1 to Desp 60, AmConsulate, Poznan, 6 Jan  
1961.

Dept of State  
4472771

Warm Current in the Fiords, by Artur Kowalski,  
3 pp.

POLISH, np, Trybuna Ludu, No 349, 16 Dec 1960,  
Encl 1 to Desp 297, AmEmbassy, Warsaw, 21 Dec  
1960.

Dept of State  
4320397

Statutes of the Rumanian Worker's Party, 1960,  
19 pp.

RUMANIAN, bk, Statutul Partidului Muncitorescu  
Romin, Aug 1960, pp 3-123.

JPRS 6753

Decree for the Organization and Functioning of  
the State Notary, 7 pp.

RUMANIAN, per, Buletinul Oficial al Marii  
Adunari Nationale a Republicii Populare Romine,  
Vol IX, No 22, 20 Oct 1960, pp 154-156.

JPRS 7793

The Role of the People's Councils in the  
Development of Socialist Democracy, by A.  
Tanase, (SF-1678).

RUMANIAN, per, Cercetari Filozofice, Vol VII,  
No 6, Nov-Dec 1960, pp 31-56.

\*JPRS

Regarding Indicators of Economic Equalization  
Between Czech Krajs and Slovakia, by V. Pavlenda,  
M. Sabolcik, (NY-6084).

SLOVAK, np, Predvoj, No 8, 23 Feb 1961, pp 7-8.

\*JPRS

Eastern Europe  
Military

Selections From Bulgarian Civil Defense Manual,  
by I. Ivanov, D. Slavov, (SF-1679).  
BULGARIAN, bk, PVO za Uchenitsi, 1960, pp 16-  
34, 52-56, 66-90, 99-103, 111-139.

\*JPRS

Antiatomic Defense, by Radi Tomov, 4 pp.  
BULGARIAN, per, Bulgarski Voin, No 8, 1960,  
p 30.

JPRS 4410

Jurisdiction of the Military Courts in  
Bulgaria, by St. Kunchev, B. Yotov, (NY-5917).  
BULGARIAN, per, Sotsialisticheskovo Pravo, No 9,  
Nov 1960, pp 45-53.

\*JPRS

New Methods in the Sanitary-Hygenic Protec-  
tion of Troops, by P. Stavrev, (SF-1553).  
BULGARIAN, per, Voenno Meditsinsko Delo,  
No 6, Dec 1960, pp 51-55.

\*JPRS

Medical Support of Tactical Exercises, by  
Yancho Yanchev, (SF-1553).  
BULGARIAN, per, Voenno Meditsinsko Delo,  
No 6, Dec 1960, pp 60-64.

\*JPRS

The Active Dispensary Observation and Work  
Arrangement of Personnel Fit for Limited  
Service in the Bulgarian Army, by D. Dotsov,  
St. Vasilev, (SF-1553).  
BULGARIAN, per, Voenno Meditsinsko Delo,  
No 6, Dec 1960, pp 68-71.

\*JPRS

Libraries in the Yugoslav Army, by V. I.,  
4 pp.  
CROATIAN, per, Jugoslovenski Pregled, Vol  
IV, No 10, 1960, pp 437-438.

JPRS 4410

Some Elements of Using ABC Weapons and Pro-  
tection Against ABC on the Sea, by Kapetan  
Bojnog Groda Stevan Zutic, (NY-6086).  
CROATIAN, per, Mornaricki Glasnik, No 5,  
1960, pp 541-563.

\*JPRS

Regulation on the Professional Training of  
Employees Who Work on National Defense in  
Administrative Organs, Milos Zekic, 6 pp.  
CROATIAN, per, Sluzbeni List FNRJ, Vol XVI,  
No 49, 7 Dec 1960, pp 880-882.

JPRS 4410

Eastern Europe  
Military (Contd)

Detection of ABC From Mobile Observation Stations, by Potpukovnik Dako BARAC, (SF-1612).  
CROATIAN, per Vojni Glasnik, Vol XIV, No 11, 1960, pp 33-40.

\*JPRS

Nikolis's Editorial on the Occasion of the Tenth Anniversary of the Military Medical Academy, by Gojko Nikolis, 5 pp.  
CROATIAN, per, Vojnosanitetski Pregled, Vol XVII, No 4, 1960, pp 369-372.

JPRS 6890

Atomic Weapons and Protection Against Them, 6 pp.  
CZECH, ok, Atomove Zbrane a Ochrana Proti Nim, 1960, pp 11-16.

ACSI H-7924  
ID 2153477

East German Manual for Civil Air Defense Commanders, 53 pp.  
GERMAN, manual, Handbuch fuer den Kommandeur des Luftschutzes, pp 1-80.

JPRS 6815

Tent Stove, Type F.  
GERMAN, pamphlet, Montage-und Bedienungsanleitung Zeltheizgerat Type F.

ACSI H-7952-A  
ID 2137682

Field Stove I (Tent Stove Type R.),  
GERMAN, pamphlet, Technische Daten des Zeltheizgerates Type I (R).

ACSI H-7952-B  
ID 2137682

The Seehund-A Midget Submarine of the German Navy, 4 pp.  
GERMAN, per, Soldat und Technik, No 10, Oct 1960.

Navy 2734/ONI 818

Instruction Manual, by Carl Zeiss, 73 pp.  
GERMAN, per, Universal-Messmikroskop.

ACSI H-6899  
ID 2164472

Tanks on a Projecting Screen, 3 pp.  
GERMAN, per, Volksarmee, 1 Jan 1961.

ACSI H-8774  
ID 2163967

Home Defense Act 1960.  
HUNGARIAN, per, Govt Gazette, 18 Dec 1960.

ID 2162631

Eastern Europe  
Military (Contd)

Selected Articles From the Polish  
Periodical Przegląd Morski.

\*JPRS

Vol XIII, No 5, 1960, pp 85-90,  
(SF-1608).

Operational-Tactical Terminology in  
the Polish Navy, by Tadeusz Mandat,  
(SF-1608).

Vol XIII, No 6, 1960, pp 89-93,  
(SF-1608).

Operational-Tactical Terminology in the  
Polish Navy, by Tadeusz Mandat,  
(SF-1608).

Vol XIII, No 7/8, 1960, pp 149-153,  
(SF-1608).

Operational-Tactical Terminology in  
the Polish Navy, by Tadeusz Mandat,  
(SF-1608).

Vol XIII, No 9, 1960, pp 87-90,  
(SF-1608).

Operational-Tactical Terminology in  
the Polish Navy, by Tadeusz Mandat,  
(SF-1608).

Vol XIII, No 10, 1960, pp 85-88  
(SF-1608).

Operational-Tactical Terminology in  
the Polish Navy, by Tadeusz Mandat,  
(SF-1608).

Vol XIII, No 12, 1960, pp 72-75,  
(SF-1608).

Operational-Tactical Terminology in  
the Polish Navy, by Tadeusz Mandat,  
(SF-1608).

Eastern Europe  
Military (Contd)

Selected Articles From the Polish  
Periodical Przegląd Morski.

\*JPRS

Vol XIV, No 1, 1961, pp 15-32,  
(SF-1564).

Some Problems of Tactical Maneuvering  
of a Ship Group, by Edmund Kosiarz,  
(SF-1564).

Activities of the Aeroclub of the Polish  
People's Republic, by Jerzy R. Konieczny,  
(SF-1665).

POLISH, per, Wojskowy Przegląd Lotniczy,  
Vol XIV, No 1, 1961, pp 57-64.

\*JPRS

Work of the Polish Military Institute of  
Hygiene and Epidemiology, by Maria Olbrycht,  
(SF-1653).

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

\*JPRS



Eastern Europe  
Geographic

Establishment of the East Slovak Branch of the Slovak Geographic Society, by Jan Zavodny, 5 pp. SLOVAK, per, Geograficky Casopis, Vol XII, No 3, 1960, pp 225, 226.

JPRS 7792

Sociological

Legal Statistical Studies in Bulgaria, by A. Yu. Totev, (DC-5438). BULGARIAN, bk, Lektsii po Sudebna Statistika, Vol II, 1958, pp 113-160.

\*JPRS

Statistical Study of Criminality in the Socialist Bloc, by A. Yu. Totev, (DC-5438). BULGARIAN, bk, Lektsii po Sudebna Statistika, Vol II, 1958, pp 199-224.

\*JPRS

Regulation on the Tasks, Rights, and Duties of Medical Officers, by L. Stoyanov, 4 pp. BULGARIAN, per, Izvestiya na Prezidiuma na Narodnoto Subranie, Vol XI, No 96, 29 Nov 1960, pp 1-2.

JPRS 6920

Instructions for Calculation of Work Done and Pay in Industrial Enterprises, by K. Lazarov, St. Tonchev, A. Dimitrov, 14 pp. BULGARIAN, per, Izvestiya na Prezidiuma na Narodnoto Subranie, Vol XI, No 97, 2 Dec 1960, pp 2-6.

JPRS 6920

Education and Culture in Bulgaria, by Nacho Papazov, (DC-5568). BULGARIAN, per, Narodna Prosveta, Vol XVII, No 1, 15 Feb 1961, pp 7-14.

\*JPRS

Atheistic Education Through the Study of Physics in Bulgaria, by Tan'o G. Chernev, (DC-5568). BULGARIAN, per, Narodna Prosveta, Vol XVII, No 1, 15 Feb 1961, pp 21-28.

\*JPRS

Eastern Europe  
Sociological (Contd)

Work With Problem Children in Bulgaria --  
A School's Experience, by Angel Uzunov,  
(DC-5568).  
BULGARIAN, per, Narodna Prosveta, Vol XVII,  
No 1, 15 Feb 1961, pp 29-38.

\*JPRS

Associating Education With Production Train-  
ing in Bulgaria, by Ivan Pavlov, (DC-5654).  
BULGARIAN, per, Narodna Prosveta, Vol XVII,  
No 2, 5 Mar 1961, pp 12-26.

\*JPRS

The Legal Status in Bulgaria of Persons  
Sentenced To Unconfined Corrective Labor,  
by Lyubomir Radolski, (DC-5492).  
BULGARIAN, per, Pravna Misul, Vol IV,  
No 6, 10 Nov/Dec 1960, pp 41-62.

\*JPRS

Concerning Some Questions About Mathematics  
Instruction in Bulgaria, by Z. Zapryanov,  
Y. Kuchinov, Iv. Ganchev, (DC-5643).  
BULGARIAN, np, Uchitelsko Delo, Vol XII,  
31 Jan 1961, pp 2-3.

\*JPRS

Selected Articles From the Croatian  
Periodical Jugoslovenski Pregled.

Vol IV, No 10, 1960.

JPRS 6920

Trade Union of Agricultural, Food, and  
Tobacco Workers of Yugoslavia, by L. V.,  
9 pp, (pp 409-411).

Insurance for Accidents on the Job, by  
N. D., 8 pp, (pp 424-426).

Schools for Ideological and Political  
Education, by R. A., 7 pp, (pp 427-428).

Students' Homes, 9 pp, (pp 429-431).

Funds for [Vocational Training] of Personnel  
in the Economy in 1957-1960, by Lj. L., 5 pp,  
(pp 431, 432).

Textbooks and Other School Literature in  
Minority Languages, by G. J., 9 pp, (pp 433-435).

The Institute for Comparative Law, by  
M. J., 7 pp, (pp 435-437).

Eastern Europe  
Sociological (Contd)

Selected Articles From the Croatian  
Periodical Jugoslovenski Pregled.

No 1, 1961, pp 27-30, (DC-5626).

\*JPRS

Work Disability Protection in  
Yugoslavia, by M. T.

Educational Reform in the Law Faculties  
and the Problem of Training Legal Per-  
sonnel, by P. Dimitrijevic, 5 pp.

CROATIAN, per, Nova-Administracija,  
Vol VIII, No 10, 1960, pp 1008-1011.

JPRS 6834

Vocational and Technical Training of  
Students in Yugoslav General Education  
Schools as a Factor in Adapting Youth  
to Life in Socialist Society, by Stevan  
Bezdanov, (DC-5606).

CROATIAN, per, Revija Skolstva, Vol IV,  
No 1, 1961, pp 12-25.

\*JPRS

Organization of the Public Health Service,  
43 pp.

CROATIAN, per, Sluzbeni List FNRJ, Vol XVI,  
No 45, 9 Nov 1960, pp 801-814.

JPRS 6844

Ordinance on Vocational Rehabilitation of  
Children of Insured Persons, 9 pp.

CROATIAN, per, Sluzbeni List FNRJ, Vol XVI,  
No 51, 21 Dec 1960, pp 925-927.

JPRS 6834

Shortcomings in the Social Welfare System,  
by D. Trifunovic, 4 pp.

CROATIAN, per, Socijalna Politika, Vol X  
(XV), No 9, 1960, pp 48-51.

JPRS 6935

Differential Fertility Rate of the Popu-  
lation of Yugoslavia According to Level  
of Education, by Dusan Breznik, 35 pp.

CROATIAN, per, Sociologija, Vol I,  
No 2/3, 1959, pp 27-52.

JPRS 6834

Results of the Questionnaire Used in the  
Study "Social Structure and Mobility of  
the Yugoslav Working Class", by Milos  
Ilic, 17 pp.

CROATIAN, per, Sociologia, Vol XI, No 2,  
May-Aug 1960, pp 137-147.

JPRS 6787

Eastern Europe  
Sociological (Contd)

Need for Closer Ties Between Secondary and Advanced Schools, by Jaroslav Cervinka, 4 pp.  
CZECH, per, Ucitelske Noviny, Vol X, No 47, 24 Nov 1960, p 3.

JPRS 6744

Supplement to the Nomenclature of Functions of Medical Personnel With Job Description and Pay Rates Resulting From the Territorial Reorganization, 21 pp.  
CZECH, per, Vestnik Ministerstva Zdravotnictvi, Vol VIII, No 19/20, 1 Oct 1960, pp 3-18.

JPRS 6935

Czechoslovak Third Five-Year Plan for Public Health and Medical Research and Training, (SF-1623).  
CZECH, per, Vestnik Ministerstva Zdravotnictvi, Vol IX, No 1-2, 1961, pp 1-4.

\*JPRS

Civil Responsibility for Nuclear Damage in the European Countries, by Marie Claire Camier.  
FRENCH, thesis, Responsabilite et Assurance du Risque Atomique dans les Droits Europeens, 1960, 226 pp.

\*AEC

Decree on the Statute of the Ministry of Health, 27 October 1960, 9 pp.  
GERMAN, per, Gesetzblatt der Deutschen Demokratischen Republik, Part II, No 42, 30 Nov 1960, pp 445-449.

JPRS 6744

State and Church in Poland, by Zyrill Boldirev, (NY-6142).  
GERMAN, per, Osteuropa, Vol XI, No 1, 1961, pp 13-28.

\*JPRS

Statistics on German Minorities in Rumania, 5 pp.  
GERMAN, per, Wissenschaftlicher Dienst Sued-osteuropa, Vol IX, No 10/11, 1960, pp 125-127.

JPRS 6912

The Role of the Community in Yugoslavia, by Heinrich Sauer, 4 pp.  
GERMAN, per, Wissenschaftlicher Dienst Suedosteuropa, Vol IX, No 10/11, 1960, pp 127-129.

JPRS 6912

Eastern Europe  
Sociological (Contd)

Composition of the Population of Hungary by  
Major Demographic Criteria, by Andras Klinger,  
38 pp.

HUNGARIAN, per, Demografia, Vol. III, No 3/4,  
1960, pp 303-328.

JPRS 6762

Public Opinion and Demographic Factors in  
Hungary, by Kalman Kulcsar, 33 pp.

HUNGARIAN, per, Demografia, Vol. III, No 3/4,  
1960, pp 333-354.

JPRS 6762

Some Problems of Migration and Regional Plan-  
ning in Hungary, by Gyorgy Acsadi, 34 pp.

HUNGARIAN, per, Demografia, Vol. III, No 3/4,  
1960, pp 390-419.

JPRS 6762

Induced Abortions Between 1957-1959 in  
Hungary, by Karoly Miltenyi, 14 pp.

HUNGARIAN, per, Demografia, Vol. III, No 3/4,  
1960, pp 424-435.

JPRS 6762

Regulation of Postgraduate Training for  
Engineers, by Karoly Herberger, 5 pp.

HUNGARIAN, per, Felsooktatasi Szemle,  
Vol IX, No 9, 1960, pp 554, 555.

JPRS 6824

Status of the Future Development of Technical  
Higher Education in Hungary, by Gyorgy Rigler,  
(SF-1664).

HUNGARIAN, per, Felsooktatasi Szemle, Vol X,  
No 1/2, 1961, pp 15-19.

\*JPRS

Rumanian Technical Higher Education, by  
Karoly Heberger, (DC-5584).

HUNGARIAN, per, Felsooktatasi Szemle, No 1/2,  
1961, pp 91-96.

\*JPRS

High-Level and Modern Educational Work of  
Institutions of Higher Education, by Tibor  
Erdey Gruz, 6 pp.

HUNGARIAN, per, Magyar Tudomany, Vol V,  
No 12, 1960, pp 711-715.

JPRS 6880

Solution of Scientific and Practical Tasks  
Facing University Departments, by Sandor  
Geleji, 5 pp.

HUNGARIAN, per, Magyar Tudomany, Vol V,  
No 12, 1960, pp 718-721.

JPRS 6880

Eastern Europe  
Sociological (Contd)

Main Problems of Development of Health Services, 1961-1965, by Magdalena Nejmark, 15 pp.

POLISH, per, Gospodarka Planowa, Vol XV, No 10, 1960, pp 44-51.

JPRS 6744

The New Academic Year in the Higher Schools of Agriculture, by W. Kryczynski, 7 pp.  
POLISH, per, Nowe Rolnictwo, Vol IX, No 19, 1 Oct 1960, pp 19-21.

JPRS 6920

Development of Health Service in the Bialystok Wojewodstwo, by Krystyna Zielanska, 4 pp.

POLISH, np, Sluzba Zdrowia, Vol XII, No 45, 6 Nov 1960, p 3.

JPRS 6820

Plan for Development of Education in 1961-1965, by Wladyslaw Ozga, 4 pp.  
POLISH, np, Zielony Sztandar, Vol XII, No 94, 23 Nov 1960, p 3.

JPRS 6920

Higher Medical Education in Step With Rumanian Public Health Needs (Meeting of the M.S.P.S.'S College With the Rectors of the Medical-Pharmaceutical Institute), 9 pp.

RUMANIAN, np, Muncitorul Sanitar, Vol XI, No 36, 10 Sep 1960, pp 2,4.

JPRS 6787

The Methodology of Social Planning in Yugoslavia, by Petar Manojlovic, (DC-5519).  
SERBIAN, per, Socijalna i Zdravstvena Politika, Vol XIII, No 11-12, 1960, pp 6-15.

\*JPRS

Conditions for Obtaining the Right to Allotments for Children in Yugoslavia, by Jerotije Markovic, (DC-5519).

SERBIAN, per, Socijalna i Zdravstvena Politika, Vol XIII, No 11-12, 1960, pp 20-28.

\*JPRS

Surplus Labor Force in Yugoslav Economic Organizations, by Emilija Stepanovic, (DC-5519).

SERBIAN, per, Socijalna i Zdravstvena Politika, Vol XIII, No 11-12, 1960, pp 39-42.

\*JPRS

Higher School for Personnel and Social Services Founded in Kranj (Slovenia), by Boguljub Vasic, (DC-5519).

SERBIAN, per, Socijalna i Zdravstvena Politika, Vol XIII, No 11-12, 1960, pp 65-68.

\*JPRS

NORTHERN EUROPE

Economic

Model Tests as an Aid for Power Plant Planners,  
by Olavi Savonen, 10 pp.

FINNISH, per, Insinöörilehti (Eeripainos), No 2,  
pp 1-3. (Call No EIF 361048, Eng Tr)

AMS

Reorganization of Finnish Post and Telegraph  
Administration, 5 pp.

FINNISH, per, Lennattaja, 7 Oct 1960.

ID 2161651

Iceland's Roads, 9 pp.

GERMAN, per, Brucke und Strasse, Vol XII,  
No 9, 1960, pp 361-362. (Call No TE 3,  
B88, Eng Tr).

AMS

Annual Shipping Review, by Johan Seland, 8 pp.  
NORWEGIAN, Encl 1 to Desp 409, AmEmbassy, Oslo,  
CERP Section D, Items I-A-5, VIII-A-1, 27 Jan  
1961.

Dept of State  
4322028

Agricultural Marketing Board Circular Concerning  
Increase of Certain Import Taxes, 10 pp.

SWEDISH, Encl 1 to Desp AGR 64, American Embassy,  
Stockholm, Code 1 V, 10 Feb 1961.

USDA

Report on Test With Snow Vehicle in Arvidsjaur  
in the Period February-March 59, 26 pp.

SWEDISH, bk, Kungl Armetygforvaltningen Ford-  
onsavdelningen.

ACSI H-8295  
ID 2138509

Northern Europe  
Political

Foreign Minister Lange's Speech to the Poly-  
technical Association Tuesday, December 6,  
1960. Peaceful Co-existence - A Challenge,  
12 pp.

NORWEGIAN, speech, Encl 1 to Desp 332,  
Embassy Airgram G-86, 9, 22 Dec 1960.

Dept of State  
4468905

No 37. Announcement From the State Trade  
License Board Respecting Change in Procla-  
mation of March 14, 1947 (No 82) Concerning  
General Import Prohibition, 9 pp.

SWEDISH, Encl 1 to Desp 604, AmEmbassy,  
Stockholm, CERP, Section D, Item III, A-2;  
Embassy's D-938, 5 May 1960 and D-609,  
24 Feb 1960, 24 Jan 1961.

Dept of State

Khrushchev and National Right of Indepen-  
dence, by Juriy Borys, 6 pp.

SWEDISH, per, Svensk Tidskrift, Nov 1960,  
Encl 1 to Desp 473, Embassy Desp 658,  
7 Mar 1960, 12 Dec 1960.

Dept of State  
4468537



Northern Europe  
Military

Atomic Weapons Under the Control of NATO, by  
Defense Minister Poul Hansen, 6 pp.  
DANISH, np, Dagens Nyheder, 23 Jan 1961.

ID 2162444

Gasoline Sabotage; Ultrasound Studies; ABC  
Defense Research Activities; Strategic Poss-  
ibilities of B-and C-War Against Plants,  
19 pp.  
DANISH, per, Forsvarets Forskningsrad, Sep  
1960, pp 38, 41, 53-55, 67.

ACSI H-8438  
ID 2154491

Manpower Trends in Postwar Denmark, 5 pp.  
DANISH, per, Lon og Virke, 15 Nov 1960,  
Encl 1 to Desp 448, AmEmbassy, Copenhagen,  
CERP, Section D, Item IV-A-2, 5 Jan 1961.

Dept of State  
4320145

Implementation of Objectives in Starting  
Bill No 23 for 1957 on Main Policies for  
Defense in the Coming Years, 80 pp.  
NORWEGIAN, Encl 1 to Desp 396, AmEmbassy,  
Oslo, Embassy Airgram G-90, Dec 13, 1960;  
Emb Des 321 (WEEKA 50), Dec 15, 1960,  
25 Jan 1961.

Dept of State  
4479041

QM Control and the Research Problem, by  
Georg Jarman.  
NORWEGIAN, per, Norsk Intendantur-  
Tidsskrift, No 3, 1960, pp 1, 2.

ACSI H-8028-A  
ID 2156412

The Army QM School and Training Division,  
by Georg Jarman.  
NORWEGIAN, per, Norsk Intendantur-  
Tidsskrift, No 3, 1960, pp 3-24.

ACSI H-8028-B  
ID 2156412

NEAR EAST/AFRICA

Economic

Decision for the Implementation Ordinance of Law No 15 for 1960 Concerning the Commercial Companies, 6 pp.

ARABIC, Encl 2 to Desp 176, AmConsulate, Kuwait, ConDes 155, Nov 23, 1960; CERP Section D, Item VII-A-1 and 2, 13 Dec 1960.

Dept of State  
4468908

Model Forms for Articles of Incorporation of Shareholding Company, 3 pp.

ARABIC, Encl 3 to Desp 176, AmConsulate, Kuwait, ConDes 155, Nov 23, 1960; CERP Section D, Item VII-A-1 and 2, 13 Dec 1960.

Dept of State  
4468908

Model Form of By-Laws for Shareholding Company, 11 pp.

ARABIC, Encl 4 to Desp 176, AmConsulate, Kuwait, ConDes 155, Nov 23, 1960; CERP Section D, Item VII-A-1 and 2, 13 Dec 1960.

Dept of State  
4468908

Industrial Classification in the Syrian Region, 4 pp.

ARABIC, gazette, al-Jaridah ar-Rasmiyyah, Vol XLI, 13 Oct 1960, pp 6619-6622.

JPRS 6889

The Syrian Economic Organization, 5 pp.

ARABIC, gazette, al-Jaridah ar-Rasmiyyah, No 235, 16 Oct 1960, pp 1769, 1770.

JPRS 6889

Egyptial General Railway Authority, 10 pp.

ARABIC, gazette, al-Jaridah ar-Rasmiyyah, Vol CCXXVIII, 19 Oct 1960, pp 1783-1790.

JPRS 6889

Financial and Monetary Situation of the Congo Between 1 July and 31 October 1960, by Hugues Leclercq, 7 pp.

FRENCH, paper, Notes et Documents, No 5, Dec 1960, Encl 1 to Desp 293, AmEmbassy, Leopoldville, 3 Feb 1961.

Dept of State  
4610201

Moroccan Five Year Plan, 1960-1964, 2 pp.

FRENCH, per, Bulletin Officiel, No 2508, 18 Nov 1960, Encl 1 to Desp 276, AmEmbassy, Rabat, CERP, Morocco, Section D, Item IV B-5, 5 Dec 1960.

Dept of State  
4468317

Near East/Africa  
Economic (Contd)

Preliminary Research for the Development  
Plan of Senegal, by Andre Fusi, (DC-5641).  
FRENCH, per, Industries et Travaux d'  
Outremer, No 86, Jan 1961, pp 6-23.

\*JPRS

The Mining Industry of French-Speaking  
Tropical Africa, (DC-5640).  
FRENCH, per Industries et Travaux d'  
Outremer, Vol IX, No 87, Feb 1961, pp 83-  
85, 87-93, 95, 97-101, 103-105, 107-121,  
123-129 (partial), 131-137, 139-149, 151-  
157, 159-173, 192.

\*JPRS

Street Construction in Beirut, 6 pp.  
FRENCH, np, L'orient, 14 Dec 1960.

ID 2161560

Role of the Working Class in the Libera-  
tion Struggle of Africa, by Wolfgang  
Kiesewetter, (DC-5627).  
GERMAN, per, Deutsche Aussenpolitik, No 1,  
5 Aug 1960, pp 7-15.

\*JPRS

Economic Relations of the Socialist Camp  
and the Imperialist States with Africa,  
by Karl Heinz Domdey, (DC-5627).  
GERMAN, per, Deutsche Aussenpolitik, No 1,  
5 Aug 1960, pp 79-89.

\*JPRS

Road Construction in Egypt, by Youssef  
Ezzeldine, 16 pp.  
GERMAN, per, Strasse und Autobahn, Vol XI,  
No 6, 1960, pp 239-245. (Call No TE4, S89,  
Eng Tr).

AMS

Present Status of the Turkish Railway  
System, by Sukru Saracoglu, 6 pp.  
TURKISH, np, Ulus, 28 Jan 1961, p 3.

JPRS 6856

Near East/Africa  
Political

New Criminal Law for Kuwait. Chapter II.  
Offences Against Morality and Reputation,  
18 pp.  
ARABIC, Encl 1 to Desp 175, AmConsulate,  
Kuwait, ConDes 62, Sep 15, 1960, 13 Dec  
1960.

Dept of State  
4468895

Judicial Appointments, Transfers and Pro-  
motions in the UAR, 6 pp.  
ARABIC, gazette, al-Jaridah ar-Rasmiyyah,  
Vol CCXXX, 10 Oct 1960, pp 1744, 1745;  
p 1746; Vol CXXXV, 16 Oct 1960, p 1771;  
Vol CCXXXVII, 18 Oct 1960, pp 1781, 1782.

JPRS 6889

Full Text of Bill of Judiciary Organiza-  
tion Law, (DC-5508).  
ARABIC, np, al-Hayat, 19 Jan 1961, pp 3,  
6.

\*JPRS

Kurdish Activities as Reported in the  
Organ of the Kurdistan Democratic Party,  
77 pp.  
ARABIC, np, Khehbat, 23 Nov-21 Dec 1960.

JPRS 6777

Memorandum of the Kurdistan Democratic  
Party to the Military Governor General  
Concerning Arrested, Exiled, and Trans-  
ported Members, (DC-5583).  
ARABIC, np, Khehbat, 22 Jan 1961, pp 2-4.

\*JPRS

Anniversary of the Establishment of a  
Kurdistan Republic in Mahabad, by Prof  
Zana, (DC-5583).  
ARABIC, np, Khehbat, 23 Jan 1961, pp 1-4.

\*JPRS

The Growth of Party Life in the Democratic  
Shadow, (DC-5583).  
ARABIC, np, Khehbat, 9 Feb 1961, p 1, 4.

\*JPRS

The President of our Kurdistan Democratic  
Party Mustafa al-Barzani Makes Important  
Statements to the Sympathetic Lebanese  
Newspaper an-Nahdah, (DC-5583).  
ARABIC, np, Khehbat, 24 Feb 1961, p 1, 4.

\*JPRS

Near East/Africa  
Political (Contd)

What Cultural Demands of the Kurdish People  
Are Being Accomplished, (DC-5583).

ARABIC, np, Khehbat, 24 Jan 1961, p 1,  
4.

\*JPRS

My Friend Lumumba, by Serge Michel,  
(SF-1540).

CROATIAN, np, Vjesnik, 29-31 Jan, 2-7 Feb  
1961.

\*JPRS

Agreement on the "Lebanonization" of the  
Beirut Port Company, 15 pp.

FRENCH, Encl 1 to Desp 357, AmEmbassy,  
Beirut, 1957 CERP, Section D, Item VIII,  
A-3; EmbDes 612, 643 and 675 of April 13  
and 28, and May 12, 1960, 23 Nov 1960.

Dept of State  
4319911

Excerpts From Speech Delivered by Crown  
Prince Moulay Hassan in Opening the Ses-  
sion of the Supreme Planning Council on  
August 1, 1960, in Rabat, 5 pp.

FRENCH, 1 Aug 1960, Encl 2 to Desp 276,  
AmEmbassy, Rabat, CERP, Morocco, Section  
D, Item IV B-5, 5 Dec 1960.

Dept of State  
4468317

French Tactics in Algeria, by Col. Buchound,  
21 pp.

FRENCH, bk, La Tattique Francaise en Algerie,  
15 Dec 1960.

ACSI H-8505  
ID 2162104

Law on Diplomatic Immunities and Privileges  
in the Malagasy Republic. Ordonnance No  
60-132, October 3, 1960, 8 pp.

FRENCH, per, Journal Officiel de la Re-  
publique Malgache, 29 Oct 1960, p 2261,  
Encl 1 to Desp 70, AmEmbassy, Tananarive,  
26 Nov 1960.

Dept of State  
4467956

Imperialist Aid for Africa, by Paul Fried-  
lander, (DC-5627).

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

\*JPRS

The African Policy of the German Demo-  
cratic Republic, by Siegfried Buttner,  
(DC-5627).

GERMAN, per, Deutsche Aussenpolitik, No 1,  
5 Aug 1960, pp 129-146.

\*JPRS

Near East/Africa  
Political (Contd)

Report on the Africa Conference in East Berlin (29/30 June 1960), by Harald Uhlig, (DC-5627).

GERMAN, per, Deutsche Aussenpolitik, No 1, 5 Aug 1960, pp 192-199.

\*JPRS

Law for the Establishment and Organization of the Foreign Service of the Republic of Cyprus, 6 pp.

GREEK, np, Gazette, No 13, 20 Oct 1960, Encl 1 to Desp 121, AmEmbassy, Nicosia, 13 Dec 1960.

Dept of State  
4468903

Problem Areas of the Northern Frontiers of India, (DC-5503).

HINDI, np, Aj, Navbharat Times, 4 Sep 1960-10 Jan 1961.

\*JPRS

An Accounting of the Thirteenth Year of Freedom, by P. C. Joshi, 8 pp.

HINDI, np, Jan Yug, 21 Aug 1960, pp 4, 5.

JPRS 6761

Thirteen Years of Freedom, by Yadunandan Mishra, 7 pp.

HINDI, np, Swadhinata, 13 Aug 1960, pp 6, 7.

JPRS 6761

Ministry of Roads - Iranian State Railroad, 64 pp.

PERSIAN, rpt, Amar-o-Fa'aliat Omumi Edarat-o-Navahi-ya, Rahaban-i-Daulat Iran, 1957-1958.

ACSI, H-6842  
ID 2158080

"End Arbitrary Rule," Demand Iraqi Students, by N. Agayants, S. Golyakov, (DC-5489).

RUSSIAN, np, Komsomol'skaya Pravda, 11 Feb 1961, p 1.

\*JPRS

Freedom for the Iraqi Patriots, (DC-5489).

RUSSIAN, np, Literaturnaya Gazeta, 7 Feb 1961, p 4.

\*JPRS

1960 -- The Decisive Year of National Revolution in Africa, by I. Potekhin, 8 pp.

RUSSIAN, per, Sovremenniy Vostok, No 12, 1960, pp 2-5.

JPRS 4393

Near East/Africa  
Political (Contd)

Legal Reprisal Against the Iraqi Patriots, (DC-5489).  
RUSSIAN, np, Trud, 5 Feb 1961, p 3. \*JPRS

In Defense of the Iraqi Patriots, (DC-5489).  
RUSSIAN, np, Trud, 10 Feb 1961, p 4. \*JPRS

End Repression, (DC-5489).  
RUSSIAN, np, Trud, 11 Feb 1961, p 3. \*JPRS

Proceedings of the Turkish Seminar Held to Discuss the Bicameral System, 8 pp.  
TURKISH, np, Ulus, 15 Dec 1960, p 3. JPRS 6726

Developments Concerning Turkish Dams and Water Supply Problems, by Zihni Derin (part c), (DC-5575).  
TURKISH, np, Ulus, 3 Jan, 18, 19 Feb 1961. \*JPRS

Law Providing for Increased Rights of Turkish Journalist, 9 pp.  
TURKISH, np, Ulus, 12 Jan 1961, p 3. JPRS 6832

Law Pertaining to the Organization Governing Turkish Press Advertisements, 17 pp.  
TURKISH, np, Ulus, 13 Jan 1961. JPRS 6895

Developments Concerning Electoral Registers in Turkey, by Resit Ulker, (DC-5477).  
TURKISH, np, Ulus, 29 Jan 1961, p 2; 12 Feb 1961, p 2. \*JPRS

Discussion of Precepts of New Electoral Law, by Atalay Akan, 3 pp.  
TURKISH, np, Ulus, 2 Feb 1961, p 2. JPRS 6853

Near East/Africa  
Military

Weapons Technical Manual, 106 pp.  
ARABIC.

ACSI H-7950  
ID 2164470

Information on Internal Affairs in the  
United Arab Republic, (SF-1690).  
ARABIC, np, per, Oct-Dec 1960.

\*JPRS

Identification of Iraqi Military Person-  
alities, (SF-1712).  
ARABIC, np, Official Journal, 26 Oct  
1960 -- 1 Mar 1961.

\*JPRS

Aspects of Helicopter Support Operations  
in Algeria, by R. J. Arpurt, 20 pp.  
FRENCH, per, Forces Aeriennes Francaises,  
Apr 1960, No 158, pp 637-662.

ACSI, H-4914  
ID 2156373

Recapitulation of Appropriations for the  
National Defense Ministry, 6 pp.  
GREEK, rpt, Encl to 126-61, US NA, Athens,  
31 Jan 1961.

Navy/ONI 5112558

Logistics Under Atomic Conditions, by Vas.  
Ganasoulis, 12 pp.  
GREEK, bk, Epitheophsis Oplon Kai Somaton,  
Vol X, No 7-9, 1960, pp 14-23.

ACSI H-8436  
ID 2161169

Army Specifications (Pertaining to Clothing),  
40 pp.  
HEBREW, Jun 1955, Apr 1959, Supply Corps.

519th MI Bn, H-7073  
ID 2146542

Personnel Duties When Faced With Nuclear  
Warfare, by Kazim Avda; A Second Study Con-  
cerning Technical Intelligence, by Avni  
Dmaykan.  
TURKISH, per, Ordu Dergisi, Jun 1958,  
pp 14-35.

ACSI H-3631  
ID-2162110



Near East/Africa  
Geographic

From Nigeria Into Egypt, by A. J. G. Velaers, G. J. Deman, J. Dargent, 77 pp.  
FRENCH, pamphlet, De Nigérie en Egypte -  
Bulletin Militaire - B. P. 86 - Leo  
Kalina.

ACSI H-5697-A-B  
ID 2144866

A Journey to the Kingdom of Yemen, by  
Johannes Joh, M. D., 16 pp.  
GERMAN, pamphlet, Reise Nach Dem Koeni-  
greivich Jemen, 1958, pp 53-73

525th MI Gp  
ID 2162111

Libya, 15 pp.  
GERMAN, per, Harms Erdkunde, Atlantik-  
Verlag Paul List-Frankfurt/Berlin/Hamburg/  
Munich, 1957, pp 151-159. (Call No GB 330,  
S 33, Engr Tr)

AMS

South Africa, 39 pp.  
GERMAN, per, Harms Erdkunde, Atlantik-  
Verlag Paul List-Frankfurt/Berlin/Hamburg/  
Munich, 1957, pp 348-370. (Call No GB 330,  
S 33, Engr Tr)

AMS

The Union of South Africa, 42 pp.  
GERMAN, per, Harms Erdkunde, Atlantik-  
Verlag Paul List-Frankfurt/Berlin/Hamburg/  
Munich, 1957, pp 370-390. (Call No  
GB 330, S 33, Eng Tr)

AMS

Near East/Africa  
Sociological

Veterinary Secondary School in the Syrian Region, 14 pp.

ARABIC, gazette, al-Jaridah ar-Rasmiyyah, Vol XLI, 13 Oct 1960, pp 6630-6638.

JPRS 6889

Transformation of the Socio-Economic Structure of the Republic of Guinea, by Harry Zinger, (DC-5627).

GERMAN, per, Deutsche Aussenpolitik, No 1, 5 Aug 1960, pp 155-165.

\*JPRS

School Hygiene in Egypt, by Kurt Biener, 17 pp.

GERMAN, per, Z. fuer der Gesamte Hygiene, Vol VI, No 3, 1960, pp 156-167.

ACSI H-7528  
LD 2149838 also  
142th BI Linguist Co  
H-8041  
ID 2156419

Concerning the Personnel Statute of the Mining Enterprises, (Morocco), 16 pp.

UNKNOWN, Official Bulletin, 30 Dec 1960, Encl 1 to Desp 135, AmConsulate General, Casablanca, CERP, Feb 1957, Section D-VI-A-2, 2 Feb 1961.

Dept of State  
4478235

FAR EAST

Economic

Season and Crop Report of the Union of  
Burma, (DC-5602).  
BURMESE, bk, No 9, 16 May 1960, pp 1-40.

\*JPRS

Selected Articles From the Chinese  
Periodical Chien Chu

No 13, 13 Aug 1960

JPRS 7192

Go All Out, Advance, Strive for Greater  
Victories, 9 pp, (pp 1-5).

Several Proposals on the Reduction of  
Construction Material Weights, 7 pp,  
(pp 21-23, 27).

An Analysis on Partial Weight Reduction  
of Construction Materials and Their  
Later Economic Effect, 9 pp, (pp 24-27).

Production Techniques in Pre-stressed  
Concrete, 9 pp, (pp 28-31).

No 14, 28 Aug 1960

JPRS 7192

Proposals Concerning Reducing the Weight  
of Construction Materials, 7 pp, (pp 17-20).

Ideas on Several Ordinary Pre-stressed  
Concrete Structural Parts, 9 pp, (pp 21-24).

No 15, 13 Sep 1960

JPRS 7192

Symptoms of Oil Bubbles on Broken Asphalt  
Roads, 5 pp, (pp 23, 24).

Use of Wet-Ground Ore-Slag Concrete on  
Roads, 6 pp, (pp 25, 26).

No 19, 13 Nov 1960, (SF-1577)

\*JPRS

Concerning a Few Problems in Municipal  
Construction, by Hsu Shih-p'ing, (pp 1-7).

Several Problems in Present Construction and  
Installation Work, by Liu Yu-min, (pp 8-16).

Far East  
Economic (Contd)

The Central Mission of Heavy, Mining, General, and Light Machinery Industries in the Technical Innovation and Technical Revolution Movement, by An T'ieh-chih, 9 pp. CHINESE, per, Chi-hsieh Kung-yeh Chou-pao, No 54, 9 Jan 1960, p 3.

JPRS 6850

Technological Standard of the Machine Industry Soared in 1959, 4 pp. CHINESE, per, Chi-hsieh Kung-yeh Chou-pao, No 54, 9 Jan 1960, p 4.

JPRS 6850

Our Experience in the Coordination of Production Capability and Production Goal, 6 pp. CHINESE, per, Chi-hsieh Kung-yeh Chou-pao, No 55, 16 Jan 1960, p 7.

JPRS 6850

Introducing Model P-70 Combination Lathe, 8 pp. CHINESE, per, Chi-hsieh Kung-yeh Chou-pao, No 56, 23 Jan 1960, p 8.

JPRS 6850

Why the "Three Levels of Ownership, the Brigade as the Foundation" Is the Basic System of the People's Commune at the Present Stage, by Su Hsing, (SF-1578). CHINESE, per, Chung-kuo Ch'ing-nien, No 24, 16 Dec 1960, pp 9-11.

\*JPRS

Selected Articles From the Chinese Periodical Chung-kuo Fang-chih.

No 1, 1959

JPRS 6962

Overfulfillment of 1958 Goals by the Textile Industry, 3 pp, (pp 4, 5).

A Welcome to an Even Greater Leap Forward in the Textile Industry in 1959, 4 pp, (pp 6, 7).

Far East  
Economic (Contd)

Selected Articles From the Chinese  
Periodical Chung-kuo Fang-chih.

No 2, 11 Jan 1959

JPRS 6962

Measures Assuring Fulfillment of  
Textile Machinery Production Tasks  
in 1959, by Ku Yu-chuan, 4 pp,  
(pp 14, 15).

New Models of Combined-Operation  
Scutchers, 5 pp, (pp 18, 19).

No 3, Jan 1959, pp 1, 2.

JPRS 6962

The Task for the Woolen Textile  
Industry in 1959, 4 pp.

No 4, 1 Feb 1959, pp 6, 7.

JPRS 6962

The Silk Industry in the Great  
Leap Forward, by Sun Ko-ching, 4 pp.

No 5, 11 Feb 1959

JPRS 6962

Promotion of Technological Revolution  
Achievements to Produce More and Better  
Knitted Goods, by Shih Hsueh-shu, 6 pp,  
(pp 11-13).

Urgent Development of Native-Type  
Spindles in Pang-fou Special District,  
5 pp, (pp 26, 27).

No 7, 1 Mar 1959

JPRS 6962

Directive of the Ministry of Textile  
Industry of the People's Republic of  
China on Current Production, 6 pp,  
(pp 1-3).

New 1958 Color Woven Fabrics From  
Shanghai Well Received, 5 pp, (pp 32, 33).

Far East  
Economic (Contd)

Selected Articles From the Chinese  
Periodical Chung-kuo Fang-chih.

No 8, 11 Mar 1959, pp 4-7.

JPRS 6962

Efforts to Complete the Gigantic  
Construction Task Facing the Textile  
Industry This Year, by Li Chu-p'ing,  
8 pp.

No 1, 10 Jan 1960

JPRS 6866

Textile Industry Fulfills 1959  
Production Plan Ahead of Schedule,  
4 pp, (pp 1, 2).

Strive for Greater Leap Forward in  
1960 Textile Machinery Production, by  
Wang Ta-ch'eng, 4 pp, (pp 3-6).

No 2, 25 Jan 1960, p 33.

JPRS 6866

News Items From the Textile Industry  
in Various Areas, 4 pp.

No 11, 10 Jun 1960, pp 10, 11.

JPRS 6871

Secure Raw Materials From Damaged  
Goods, 4 pp.

The Yuan Shih Coking Plant Finds a New  
Path to Increase Coke Production, (NY-6014).  
CHINESE, np, Hopeh Jih-pao, 28 Nov 1960, p 2.

\*JPRS

Man, Not Material, Decides Victory or Defeat  
in War, (NY-6014).  
CHINESE, np, Hopeh Jih-pao, 30 Nov 1960, p 3.

\*JPRS

On the Iron and Steel Frontline, by Feng  
Chien-nan, (NY-6014).  
CHINESE, np, Hopeh Jih-pao, 3 Dec 1960, p 3.

\*JPRS

The Financial and Accounting Personnel of  
Lin-hsiang Hsien Are Raising the Red Flag  
of the "Three Good", 5 pp.  
CHINESE, np, Hsin Hunan Pao, 17 Mar 1960,  
p 2.

JPRS 6885

Far East  
Economic (Contd)

Selected Articles From the Chinese  
Periodical Hung-chi.

No 1, 1 Jun 1958, pp 46-49, (NY-5863)

\*JPRS

Improvement of Farm Tools and  
Technological Revolution, by Cheng  
Kang.

No 2, 15 Jun 1958, (NY-5863)

\*JPRS

Coordination of Hydraulic Power and  
Electric Power; General Industrial  
Development in the Hisangs and  
Cooperatives, (pp 23-26).

Seven Desiars per Person Could Buy  
Surplus, Become Wealthy Cooperative,  
by Tien Yung-chung, (pp 27-29).

Great Revolution of Farm Tools;  
Great Progress in Production, by  
Shih Tao-to, (pp 30-33).

A Youth Converts a Diesel Engine Into  
a Tractor, by Tung Yun, (p 33).

Search for Natural Resources Dig the  
Potentials and Achieve the Task of  
Purchase in Rural Areas, by Yang  
X-chen, (pp 34-37).

No 3, 1 Jul 1958, pp 28, 29,  
(NY-5863)

\*JPRS

Technological Revolution in a  
Six-Man Factory.

No 4, 15 Jul 1958, (NY-5863)

\*JPRS

China's Wheat Output Outstrips  
America, by Meng Yung-Hsien,  
(pp 28-30).

Far East  
Economic (Contd)

Selected Articles From the Chinese  
Periodical Hung-chi.

No 4, 15 Jul 1958, (NY-5863)

\*JPRS

Experiences of the Nan-chung Special District in Developing Local Industries, by Ko Jun-sheng, Wei Kuang-ping, Tsao Ting-ming, (pp 38-41).

No 5, 1 Aug 1958, (NY-5863)

\*JPRS

Refutation of "The Theory of Limited Increase in Food Production", by Tao Chu, (pp 1-5).

A Few Questions on Mechanized Farming, by Feng Chi-hsin, (pp 27-31).

A Significant Miracle in Struggle Against Nature--Forestation in Shih-shan, by Liu Fa-chi, (pp 35-37).

No 7, 1 Sep 1958, (NY-5862)

\*JPRS

Marsh Gas Project in Fu-yang Hsien, CCP Fu-yang Hsien Commune, (pp 33-35).

Good Productivity in Low Grade Land, CCP Ying-cheng Hsien Committee, (pp 36-38).

No 10, 1958, (NY-5862)

\*JPRS

Mass Movement for Steel and Iron Refining, by Chao Wen-fu, (pp 16-20).

On Semi-Rationing System, by Tung Feng, (pp 39-40).



Far East  
Economic (Contd)

Selected Articles From the Chinese  
Periodical Hung-chi.

No 12, 15 Nov 1958, (NY-5862) \*JPRS

Is it Better to Plant Little and  
Harvest More or to Plant More and  
Harvest Less?, CCP Shih-lou Hsien  
Committee, (pp 31-34).

Launching Bumper Harvest Movement  
Extensively, by Yen Ta-kai, (pp 35-39).

No 13, 1 Dec 1958, pp 30-33, (NY-5862) \*JPRS

New Stage in Development of Agricultural  
Production, by Tsao Kuo-hsin, (pp 30-33).

No 8, 15 Apr 1959, pp 1-11, (SF-1503) \*JPRS

Essential Nature of High-Speed Develop-  
ment in Textile Industries, by Ch'ien  
Chih kuang.

No 13, 1 Jul 1959, pp 5-13, (SF-1503) \*JPRS

Fully Utilize Reserve Strength in  
Industrial Production.

No 15, 1 Aug 1959, pp 15-22, (SF-1503) \*JPRS

The People of the Soviet Union are  
Struggling to Complete the Seven Year  
Plan Ahead of Schedule, by Liu Hsiao.

No 2, 15 Jan 1960, (DC-5340) \*JPRS

The Great Leap Forward in the Output  
of Old Blast Furnaces, by Chou Chieh-  
sheng, (pp 39-41).

A Small Coke Smelting Plant Which Went  
From Native to Foreign, by Yin Chia-fu,  
(pp 42-45).

Far East  
Economic (Contd)

Selected Articles From the Chinese  
Periodical Hung-chi.

No 14, 15 Jul 1960, pp 37-41,  
(DC-5340)

\*JPRS

Adventures in a Village With the  
Abundant Irrigation Networks, by  
Chen Tsan-yun.

Selected Articles From the Chinese  
Newspaper Jen-min Jih-pao.

6 Apr 1960

JPRS 6825

The People of Shantung Province Are  
Continuing to Leap Forward, by Yang  
Te-chih, 7 pp, (p 9).

The Metallurgy Plan Continues to Go  
Forward Under Mao Tse-tung's Ideology,  
by Yuan Hui-chu, 4 pp, (p 10).

A New Page in Hunan Rice Production,  
by Yen Jen-hai, 4 pp, (p 10).

Increase the Number of Construction  
Cadres, by K'e Chao, 6 pp, (p 11).

With Great Ambition, Construct More  
and Better Electric Generating  
Facilities, by Meng Ch'ing-yuan, 5 pp,  
(p 12).

Tsinghai Province Should Vigorously  
Reclaim Waste Land, by Yuna Jen-yuan,  
3 pp, (p 12).

Be a Good Socialist Construction  
Pioneering Officer, by Yu Ch'u-chieh,  
4 pp, (p 13).

Develop Textile Industry at High  
Speed, by Wang Ta-fu, 4 pp, (p 14).

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Economic (Contd)

Selected Articles From the Chinese  
Newspaper Jen-min Jih-pao.

6 Apr 1960

JPRS 6825

Be Pioneer Soldiers in Forestry  
Building, by Kan To, 4 pp, (p 14).

10 Apr 1960

JPRS 6755

Scientific Theory Must Completely  
Serve Production, by Yu Ming-yu,  
4 pp, (p 17).

Learn the Excellent Qualities of  
the Working Class, by Huang Chen-hsun,  
6 pp, (p 18).

Improvement in the Fisherman's Life,  
by Tung Chu-chun, 6 pp, (p 19).

Make Sinkiang Our Country's Coal  
Headquarters, by Hu Shih-t'ung,  
5 pp, (p 19).

Mountain Reservoir Fish-Raising Is a  
Ten Thousand Times Profit, by Wu Hsien-  
wen, Wu Teh-chien, 4 pp, (p 19).

Raise the Production of Tea -- Improve  
the Lives of Tea Growers, by Sua Yu-ch'iao,  
5 pp, (p 19).

Cooperation Between Factories and Schools  
Develops the Technological Revolution  
Movement, by Chu Wu-hua, 6 pp, (p 20).

The New Stage in Scientific Technology  
in Forestry, by Jung Ch'en, 4 pp, (p 22).

Speed Up Electrification, by Chin Hsueh-  
ch'eng, 6 pp, (p 22).

High Speed -- Great Development, All  
Around Change for the Better, by Tu  
Kuang-yu, 9 pp, (p 22).

Far East  
Economic (Contd)

Selected Articles From the Chinese  
Newspaper Jen-min Jih-pao.

10 Apr 1960

JPRS 6755

May the People's Commune Live Ten  
Thousand Years, by Hsueh Tu-pi,  
Wu Ho-hsuan, Huang Ch'i-han,  
5 pp, (p 23).

Enlightenment Obtained Through  
Inspection of Industrial Construction,  
by Chou Ping-wen, 6 pp, (p 23).

24 Jul 1960

JPRS 6871

Rebuild Our Great Natural Triumph,  
by Wang Tsai-t'ien, 6 pp, (p 2).

30 Oct 1960, p 3

JPRS 6781

Steel Production in Anhwei Province,  
4 pp.

1 Nov 1960, p 7

JPRS 7340

Actively Develop Scientific Research  
Work in Perfume and Essences, by  
Liu Chu-chin, 6 pp.

5 Nov 1960, p 7

JPRS 7340

Geography Should Serve Agricultural  
Production, by Li Pin-shu, 9 pp.

17 Nov 1960, p 7

JPRS 7763

Attend Properly to Meteorological  
Services for the Hog Raising Industry,  
by Jao Hsing, 7 pp.

24 Jan 1961, p 3, (SF-1568)

\*JPRS

Economization of Coal in Shanghai  
Electric Generating Plant.

Far East  
Economic (Contd)

Selected Articles From the Chinese  
Newspaper Jen-min Jih-pao.

25 Jan 1961, p 3, (SF-1569)

\*JPRS

The Study Problem of Basic Level  
Cadres.

26 Jan 1961, p 7, (NY-5959)

\*JPRS

Policies Are the Lifeblood of the  
Party.

27 Jan 1961, (NY-5960)

\*JPRS

Situations Determine Methods, (p 7).

Investigation and Research Is the  
Key for Revealing the Nature of  
Problems, (p 7).

Domestic News, 11 pp.

CHINESE, per, K'o-hsueh Hsin-wen, No 4,  
26 Mar 1959, pp 22-24.

JPRS 7756

The Production of Marine Gypsum and Its  
Use in Construction, 12 pp.

CHINESE, per, K'o-hsueh Hsin-wen, No 28,  
14 Sep 1959, pp 3-5.

JPRS 7728

Achievements in Construction Engineering  
in China, 4 pp.

CHINESE, per, K'o-hsueh Hsin-wen, No 34,  
28 Oct 1959, pp 8, 15.

JPRS 7462

Reasonable Close Planting of Wheat as  
Seen From Physiological and Morphological  
Views, 8 pp.

CHINESE, per, K'o-hsueh Hsin-wen, No 40,  
14 Dec 1959, p 4.

JPRS 7462

Rational Fertilization and Water Control  
of Late-Maturing Rice, by Ch'en Yung-k'ang,  
(DC-5467).

CHINESE, per, K'o-hsueh T'ung-pao, No 9,  
1960, pp 278-280.

\*JPRS

Far East  
Economic (Contd)

Several Problems in the Production  
of Rice, by Chiang Te-yu, (DC-5467).  
CHINESE, per, K'o-hsueh T'ung-pao,  
No 9, 1960, pp 280, 281.

\*JPRS

Carry Out Intensively Scientific Research,  
Raise the Output of Cotton, by Wei Chen-  
ch'ing, (DC-5467).  
CHINESE, per, K'o-hsueh T'ung-pao, No 9,  
1960, pp 281, 282.

\*JPRS

Strengthen the Cooperation Between  
Research Units and Factories, by  
Lung Ch'i-wei, (DC-5467).  
CHINESE, per, K'o-hsueh T'ung-pao,  
No 9, 1960, pp 284-286.

\*JPRS

Selected Articles From the Chinese  
Newspaper Kuang-ming Jih-pao.

7 Nov 1960

JPRS 6871

Increase the Percentage and Volume of  
Commercial Products of Agricultural  
Products, by Lu Hsiang-an, 7 pp, (p 3).

Discussion of the Basis for Taking  
Foodstuffs as the Foundation, by  
Fan Mao-fa, 8 pp, (p 3).

14 Nov 1960, p 4

JPRS 6781

Implement Policy Thoroughly and Raise  
Production Consistently, 8 pp.

21 Nov 1960, p 2

JPRS 4394

Ma T'ung-i's Method of Fertile Soil  
Formation, by Hsiung I, 8 pp.

3 Jan 1961, p 2

JPRS 7809

Develop Scientific Research on  
Agricultural Machinery, Starting  
With China's Special Characteristics,  
by T'ao Ting-lai, 12 pp.

Far East  
Economic (Contd)

Selected Articles From the Chinese  
Newspaper Kuang-ming Jih-pao.

26 Jan 1961, p 4, (DC-5471)

\*JPRS

Obtain Bumper Crops in Agriculture  
and Develop Industry Even Better.

6 Feb 1961, p 2, (SF-1579)

\*JPRS

The Development and Achievements of  
Crop Breeding Science Work in China.

Selected Articles From the Chinese  
Newspaper Kung-jen Jih-pao.

28 Oct 1960, p 1

JPRS 6866

Honan Iron and Steel Front Launches  
Socialist Emulation Drive, 4 pp.

Collective Dormitory of the Hsin-hua  
Chemical Works Becomes 'Home of the  
Red and Expert", 4 pp.

1 Nov 1960, p 1

JPRS 6866

T'ang'shan Steel Mill Realizes Three  
Bumper Harvests in Its Campaign for  
Contracted Furnace Production, by  
Chang Chieh-ying, 3 pp.

2 Nov 1960, p 2

JPRS 6866

Externally Strive to go Upstream, by  
Yen Yu-chen, Tai Kuo-ch'iang, Kuei  
Yu-ch'ing, 8 pp.

5 Nov 1960, p 2

JPRS 6871

Popularize the Experience of Out-  
standing Work Shifts and Crews;  
Further Launch Red Flag Emulation  
Drives for Large-Scale and Higher  
Production in Collieries, 4 pp.

Far East  
Economic (Contd)

Selected Articles From the Chinese  
Newspaper Kung-jen Jih-pao.

|                                                                                                                                                                                          |           |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| 8 Nov 1960, p 3                                                                                                                                                                          | JPRS 6871 |
| Study in the Field is Evergreen<br>Throughout the Four Seasons, 5 pp.                                                                                                                    |           |
| 10 Nov 1960, p 3                                                                                                                                                                         | JPRS 6872 |
| Vigorous Drive to Eradicate Illiteracy<br>While Battling for Steel, 4 pp.                                                                                                                |           |
| 16 Nov 1960, p 4                                                                                                                                                                         | JPRS 6781 |
| Advancing Technological Revolution<br>in Hei-lung-chiang Province, 3 pp.                                                                                                                 |           |
| 12 Feb 1961, p 3, (NY-6008)                                                                                                                                                              | *JPRS     |
| Completely Develop the Basic Functions<br>of Production Brigades.                                                                                                                        |           |
| 23 Feb 1961, p 1, (SF-1684)                                                                                                                                                              | *JPRS     |
| Step Up Manufacture and Repair of<br>Irrigation Machinery to Support Spring<br>Cultivation.                                                                                              |           |
| 28 Feb 1961, p 2, (NY-6095)                                                                                                                                                              | *JPRS     |
| Strengthen Surveys and Studies, and<br>Promote the Technical Revolution.                                                                                                                 |           |
| Water Conservation Work, 5 pp.<br>CHINESE, per, <u>Shui-wen Yueh-k'an</u> , No 2,<br>15 Feb 1960, pp 1-3.                                                                                |           |
|                                                                                                                                                                                          | JPRS 7427 |
| Glorious Achievements on the Construction<br>of a Network of Hydrological Stations<br>During the Past Decade, 6 pp.<br>CHINESE, per, <u>Shui-wen Yueh-k'an</u> , No 10,<br>1960, pp 4-5. |           |
|                                                                                                                                                                                          | JPRS 4427 |
| A Decade of Hydrological Forecasting<br>Work, 7 pp.<br>CHINESE, per, <u>Shui-wen Yueh-k'an</u> , No 10,<br>1960, pp 6-8.                                                                 |           |
|                                                                                                                                                                                          | JPRS 4427 |



Far East  
Economic (Contd)

Faithfully Allocate Labor Forces to  
the Squads Which Shoulder Exclusive  
Responsibility in Production Work, 6 pp.  
CHINESE, mp, Ta-chung Jih-pao, 18 Sep 1960,  
p 1.

JPRS 6781

The Wen-k'ow Commune's Determination to  
Allocate Labor Force to the Squad Level,  
by Liu Hung-ho, 4 pp.  
CHINESE, mp, Ta-chung Jih-pao, 18 Sep 1960,  
p 1.

JPRS 6781

Selected Articles From the Chinese  
Newspaper Ta-kung Pao.

19 Sep 1960, p 3

JPRS 6866

Ordinary Rubber Hose and Special  
Type Rubber Hose, by Chi Pao-lin, 3 pp.

11 Oct 1960

JPRS 6781

More Nourishment and Better Economy  
With the Food Ration System, 4 pp  
(p 2).

On the Financial Department's  
Investigation, Study and Analysis  
of Financial Activities, by Chang  
Hu-ch'en, 8 pp, (p 3).

13 Oct 1960, p 2

JPRS 6781

All Out Effort for the Development  
of the Fishing Industry, 4 pp.

14 Oct 1960, p 2

JPRS 6871

Financial Activities in Autumn Crop  
Distribution, 4 pp.

16 Oct 1960

JPRS 6781

Mingle With the Masses, Plan Their  
Daily Living, and Economize Their  
Expenditures, by Hsieh Tzu-fang,  
5 pp, (p 2).

Far East  
Economic (Contd)

Selected Articles From the Chinese  
Newspaper Ta-kung Pao.

16 Oct 1960.

JPRS 6781

Monthly Plans Are Accomplished and  
Quarterly Revenue Is Increased, 7 pp,  
(p 2).

Transport Industrial Products to Meet  
the Demand of the Market, by Chao Yu-  
sheng, 3 pp, (p 2).

New Development of Commercial Enterprise  
in the Rural Area Since the Establishment  
of the Commune System, 10 pp, (p 3).

17 Oct 1960.

JPRS 6781

Raise Immediately the Lightide of the  
Collection and Purchase of Fall Grain,  
4 pp, (p 1).

Wan Hsien Adopts Ten Measures for  
Rational Handling of Grain, 6 pp, (p 1).

Commercial Departments in Northwest  
China Exchange Experiences, 7 pp, (p 2).

Tsinghai Prepares Winter Supplies;  
Heilungkiang Develops Winter Cleaning,  
3 pp, (p 2).

China-Burma Economic and Trade Relations  
Now Under Vigorous Development, by Chung  
Shou-ch'ing, 3 pp, (p 4).

18 Oct 1960.

JPRS 6781

Extensively Develop the Mass Movement  
for the Economization of Coal, 4 pp, (p 1).

Vigorous Development of Mass Movement to  
Economize Civilian Consumption of Coal,  
5 pp, (p 1).

Important Significance of Stationing  
Commercial Workers in Production Companies,  
by Chun Hui, 8 pp, (p 3).

Far East  
Economic (Contd)

Selected Articles From the Chinese  
Newspaper Ta-kung Pao.

20 Oct 1960.

JPRS 6781

Vigorous Control of Receipts and  
Payments to Promote Production,  
4 pp, (p 1).

A Few Tasks Which Finance Departments  
Must Discharge Properly in the Movement  
for Increased Production and Economy,  
6 pp, (p 1).

Kwangtung Light Industry Achieves  
Quick Results in Increased Production  
and Economy, by Lin Chin-feng, 3 pp,  
( p 3).

21 Oct 1960.

JPRS 6781

Manage Properly, Harvest Properly, and  
Properly Stone Fall Vegetable Crop,  
5 pp, (p 1).

Yunnan Fall Grain Collection Rapid and  
Good; Anhwei Fall Harvesting Accelerated,  
4 pp, ( p 1).

Peiping Ching-hsi Mining Bureau Promotes  
System of Contracting of Investments,  
3 pp, (p 2).

Kwangsi Sugar Industry Supports Agriculture  
With Ten Measures, by Hsueh-Sun, 4 pp, (p 3).

22 Oct 1960.

JPRS 6781

Hunan Fulfills Task of Collection and  
Purchase of Middle Crop Rice, 3 pp, (p 1).

Strive to Get All Grain, Cotton and Fruit  
Into the Godown, 5 pp, (p 1).

23 Oct 1960, p 3.

JPRS 6781

Flying Development of Dairy Industry in  
Inner Mongolia, by Hu Ho-lu, 5 pp.

Far East  
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Selected Articles From the Chinese  
Newspaper Ta-kung Pao.

24 Oct 1960.

JPRS 6866

The Municipal Committee of Fu-shun  
Undertakes Serious Work in the  
Harvest-Transportation Storage of  
Autumn Vegetables, 4 pp, (p 1).

Ensure Smooth News Communication  
From Points of Food and Steel Production by all Means, 4 pp, (p 3).

Postal and Telecommunications Workers  
of Peking All Strive to Become Good  
Soldiers of Communications on the Food  
and Steel Fronts, 3 pp, (p 3).

Major Experiences in Achieving Good  
Results Regarding Short-Distance  
Transportation of Food Crops, 6 pp,  
(p 3).

25 Oct 1960, p 3.

JPRS 6866

State Purchasing of Autumn Crops in  
Ch'ung-ch'ing, by Ma Ping-chung,  
4 pp.

26 Oct 1960, p 2.

JPRS 6866

Hopai Extends Application of Advanced  
Experiences and Causes New Hightide in  
Cotton-Purchasing Operations, 4 pp.

27 Oct 1960.

JPRS 6866

Seriously Promote the Campaign for  
Transportation of Agricultural Produce,  
3 pp, (p 1).

My Personal Opinion on the Establishment  
and Development of Raw Material Bases for  
Light Industries, 9 pp, (p 3).

Far East  
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Selected Articles From the Chinese  
Newspaper Ta-kung Pao.

28 Oct 1960.

JPRS 6866

The Messhall of the Nan-chiang  
Village Production Team Is Under  
Increasingly Better Management,  
5 pp, (p 1).

The Commercial Goods Distribution  
System in Chungking Is Being Increas-  
ingly Perfected, 5 pp, (p 2).

Reform Gasoline-Saving Techniques,  
Develop the Potential Strength, and  
Use Less Gasoline to Transport More  
Goods, 6 pp, (p 3).

30 Oct 1960, p 3.

JPRS 6866

Special Reports on the Finance and  
Trade Work of Min-ho Hsien in Tsinghai  
Province, 10 pp.

1 Nov 1960.

JPRS 6866

Chiang-wei Commune Thrives on Assiduous  
and Frugal Practice, 4 pp, (p 2).

Concerning the Policy of Developing  
the Textile Industry by "Four Simul-  
taneous Means," by Yen Shih, 8 pp, (p 3).

3 Nov 1960, p 3.

JPRS 6866

Establishing Agriculture as the Ideological  
Foundation Among the Financial Departments,  
by Yu T'ung-li, 6 pp.

4 Nov 1960, p 1.

JPRS 6866

Hsiao-shan Demonstrates High Efficiency,  
Quality and Quantity in Harvesting, Process-  
ing and Selling Cotton and Hemp, by Juan  
Tsung-chao, 4 pp.

Far East  
Economic (Contd)

Selected Articles From the Chinese  
Newspaper Ta-kung Pao.

23 Jan 1961, (NY-5962).

\*JPRS

Experience of Nan-ch'uan Hsien  
(Szechwan Province) in Increasing  
Grain Production and Running Di-  
versified Operations, (pp 1-2).

Correct Implementation of Principles  
and Development of Subsidiary Industry  
Production, (p 3).

25 Jan 1961, (DC-5474).

\*JPRS

The Principal Tasks of Urban Commune  
Industry, (p 1).

On the Significance of "Shu" (quantity),  
(p 3).

27 Jan 1961 (NY-5963).

\*JPRS

Several Recognizable Questions in Work  
Concerning the Supply of Agricultural  
Producer Goods, (p 2).

The Production, Purchases and Sales of  
Rural Small Commodities, (p 3).

31 Jan 1961 (DC-5466).

\*JPRS

Perfect the Financial System for Rural  
Communes, Strengthen Financial Control,  
Further Consolidate Communes, and Promote  
Development of Agricultural Production,  
(p 2).

1 Feb 1961, p 1, (NY-6049).

\*JPRS

A Lifelike Example.

26 Feb 1961, p 1, (NY-6097).

\*JPRS

Goals and Tasks for Transportation and  
Communication Work in 1961 are Determined.

A Primary Position Should Be Given To  
Maintenance and Repair Work.

Far East  
Economic (Contd)

Selected Articles From the Chinese  
Newspaper Ta-kung Pao.

28 Feb 1961, p 3, (NY-6096).

\*JPRS

Repair Services Are Both  
Economic Work and Political  
Work.

Brick Shell Construction in Kwangtung Province,  
by, Ts'ai I-hsien, Lo Sung-fa, Yao Chao-ning,  
29 pp.

CHINESE, per, T'u-mu Kung-ch'eng Hsueh-pao,  
No 5, 1960, pp 11-24.

JPRS 4403

Translations From the "Journal Officiel  
du Cambodge," (DC-5579).

FRENCH, per, Journal Officiel du Cambodge,  
Vol XVI, No 48, 1 Dec 1960, pp 2327-2340,  
2375-2382, 2396-2397.

\*JPRS

Ordinance No 680-CE, 681-CE, 683-CE,  
684-CE, 685-CE, 686-CE, 688-CE, (DC-5581).

FRENCH, per, Journal Officiel du Cambodge,  
Vol XVII, No 5, 7 Jan 1961, pp 112-115.

\*JPRS

Rubber Industry of Cambodia, by A.  
Gontard, 23 pp.

FRENCH, np, Realites Cambodgiennes, 15,  
22, 29 Jul, 5, 12, 19, 27 Aug, 2 Sep 1960.

JPRS 4395

Description of Textile Factory in Kompong-  
cham, 4 pp.

FRENCH, np, Realites Cambodgiennes,  
29 Jul 1960, pp 10-12.

JPRS 6808

Development of the Sihanoukville Region,  
4 pp.

FRENCH, np, Realites Cambodgiennes,  
2 Sep 1960, pp 32, 34.

JPRS 6816

The Cambodian Distillery Industry, 6 pp.

FRENCH, np, Realites Cambodgiennes,  
9 Sep 1960, pp 11-14.

JPRS 6808

Urban Transportation in Phnom-Penh, 3 pp.

FRENCH, np, Realites Cambodgiennes,  
30 Sep 1960, pp 22, 23.

JPRS 6816

Far East  
Economic (Contd)

The Cambodian Tobacco Industry, 9 pp.  
FRENCH, np, Realites Cambodgiennes,  
28 Oct 1960, pp 12, 13.

JPRS 6808

Development of Vietnam, (DC-5596).  
FRENCH, np, VP [Vietnam Press] du Dimanche,  
No 3631, 29 Jan 61, pp D-1 - D-20.

\*JPRS

The Collectivization of Agriculture in  
the Vietnamese Democratic Republic, 6 pp.  
HUNGARIAN, per, Partelet, No 10, 1960,  
pp 46-52.

JPRS 4398

Speech by Air Chief Suryadarma on Otter  
Day, (SF-1576).  
INDONESIAN, per, Angkasa, Vol XI, No 12,  
1960, pp 482, 483, 512.

\*JPRS

Establish Soon a Maximum Limit on Land  
Ownership, by Asmu, 3 pp.  
INDONESIAN, np, Harian Rakjat, 26 Sep 1960,  
pp 2, 4.

JPRS 4402

Basic Conditions for the Stabilization of  
Prices, by F. Runturembi, 4 pp.  
INDONESIAN, np, Harian Rakjat, 29 Sep 1960,  
p 3.

JPRS 4405

Conclusions of Land Reform Seminar, 20 pp.  
INDONESIAN, np, Harian Rakjat, 10-12 Nov 1960,  
p 2.

JPRS 7640

Inspecting the Foundation Seed Project in  
Tangerang, 13 pp.  
INDONESIAN, np, Harian Rakjat, 22-24 Nov 1960,  
p 2.

JPRS 7640

Agrarian Reforms Through Rent Reductions, by  
Anwar Sanusi, 6 pp.  
INDONESIAN, np, Harian Rakjat, 28 Nov 1960,  
p 2.

JPRS 7640

Plans for Extending Social Security for  
Civil Servants, by Wiratno, (SF-1576).  
INDONESIAN, per, Madjalah Administrasi  
Negara, Vol II, No 8/9, 1960, pp 266-271,  
273.

\*JPRS



Far East  
Economic (Contd)

Autonomy in Indonesia, by Partokuntaki,  
(SF-1576).

INDONESIAN, per, Madjalah Administrasi  
Negara, Vol II, No 8/9, 1960, pp 283-286.

\*JPRS

The Sugar Industry in Indonesia, by  
Hussein Harsono, 11 pp.

INDONESIAN, per, Mimbar Indonesia, Vol XIV,  
No 46, 10 Nov 1960, pp 14-16.

JPRS 7571

Freeing Indonesia's Film Industry From  
Semi-Colonial Economic Domination, by  
Sitor Situmorang, 11 pp.

INDONESIAN, per, Mimbar Indonesia, Vol XIV,  
No 46, 10 Nov 1960, pp 20-22, 28, 29.

JPRS 7571

Uphold Maritime Law, by Darmono S. Hubojo,  
(DC-5325).

INDONESIAN, per, Mimbar Indonesia, Vol XIV,  
No 53, 31 Dec 1960, pp 15, 16, 17, 30.

\*JPRS

The Role of Science and Scientists, by  
Soediman Kartohadiprodjo, (SF-1576).

INDONESIAN, per, Pusara, Vol XXII, No 2,  
Dec 1960, pp 25-43.

\*JPRS

Over-All Development, State Enterprises  
and the Utilization of Resources, by  
Simpoha, (SF-1576).

INDONESIAN, per, Siasat, Vol XV, No 706,  
11 Jan 1961, pp 3-8.

\*JPRS

The Present State of Industry in the  
People's Communes and Its Characteristics,  
by Ozaki Shotaro, 12 pp.

JAPANESE, per, Ajia Keizai Jumbo, No 451,  
1 Dec 1960, pp 1-10.

JPRS 4406

Mechanization, Chemicalization, Water Con-  
servation, and Electrification in Communist  
China's Agriculture, by Asakawa Kenji, (NY-5968).

JAPANESE, per, Chugoku Kenkyu Geppo, No 154,  
30 Jan 1961, (inside front cover), pp 1-34.

\*JPRS

Technological Innovation in Communist China,  
by Hiroichi Matsumoto, 16 pp.

JAPANESE, per, Ekaft Tsushin, No 248,  
1 Dec 1960, pp 25-40.

JPRS 7720

Far East  
Economic (Contd)

The Expanding Iron and Steel Industry  
in North Korea, 14 pp.  
JAPANESE, per, Nitcho Boeki, No 21,  
15 Aug 1960, pp 15-24.

JPRS 7758

Developments in Agricultural Mechaniza-  
tion in North Korea, 9 pp.  
JAPANESE, per, Nitcho Boeki, No 23,  
15 Oct 1960, pp 2-7.

JPRS 7759

Problems and Outlook on North Korea's  
Seven-Year Plan, 8 pp.  
JAPANESE, per, Nitcho Boeki, No 23,  
15 Oct 1960, pp 18-22.

JPRS 7759

Relationship Between Japan's Demands  
and Imports From North Korea, 15 pp.  
JAPANESE, per, Nitcho Boeki, No 23,  
15 Oct 1960, pp 25-35.

JPRS 7759

The Agricultural Crisis in Communist  
China, by Hamano Masami, 7 pp.  
JAPANESE, per, Tairiku Mondai, Dec 1960.

USACRAPAC Rpt No 0222/61  
Doc No 103321

Development of Soviet Industry During  
1960, by Nyumura Hisakazu, 5 pp.  
JAPANESE, per, Tairiku Mondai, Jan 1961.

USACRAPAC, PD  
Doc No 103423  
Rpt No 0473/61

The Urban People's Commune, by  
Fukushima Yutaka, 69 pp.  
JAPANESE, per, Toshi Jinmin Kosha,  
No 151, 15 Nov 1960, pp 1-37.

JPRS 7323

Capital Investment During the 3d Five-  
Year Plan, by B. Saldan, (DC-5302).  
MONGOLIAN, per, Namiin Amidral, No 10,  
1960, pp 18-23.

\*JPRS

Results of Plans for Developing the  
Economy and Culture of the Mongolian  
People's Republic During First Nine  
Months of 1960, 11 pp.  
MONGOLIAN, np, Unen, 28 Oct 1960,  
pp 1, 2.

JPRS 6840

Development of Finances in the Democratic  
Republic of Vietnam, by Trinh Van  
Binh, (SF-1648).  
RUSSIAN, per, Finansy SSSR, No 1, 1961,  
pp 81-86.

\*JPRS

Far East  
Economic (Contd)

Refrigeration in the Chinese Peoples  
Republic, by P. Maksimov, 5 pp.  
RUSSIAN, per, Kholodil'naya Tekh,  
Apr 1960, pp 58-60.

ACSI H-8589  
ID 2162127

Successes in Agriculture in North  
Korea, by Yim Hae, 12 pp.  
RUSSIAN, per, Mezhdunarodnyy Sel'skokhoz  
Zhur, No 6, 1960, pp 3-12.

JPRS 4428

Rural Electrification in the Chinese  
People's Republic, by B. Bannikov,  
(SF-1658).  
RUSSIAN, per, Tekhniki v Sel'skom Khozyaystve,  
No 2, 1961, pp 88-92.

\*JPRS

Haiphong Cement Plant Renovation, by Minh  
Chanh, 4 pp.  
VIETNAMESE, np, Doc Lap, 12 Nov 1960, p 8.

JPRS 6878

Construction of State Industries in North  
Vietnam, by Tran Dai Nghia, 5 pp.  
VIETNAMESE, np, Lao Dong, No 793, 1 Sep 1960,  
p 3.

JPRS 4415

Selected Articles From the Vietnamese  
Newspaper, Nhan Dan.

23 Dec 1959, p 3.

JPRS 6876

Description of the Cho Dien Zinc  
Mine, by Dang Pho, 5 pp, (p 3).

22 Sep 1960, p 3.

JPRS 7137

Develop Water Utilization to Serve  
Agricultural Production, by Duong  
Quoc Chinh, 13 pp.

28 Sep 1960, p 3.

JPRS 7137

Transportation Must Develop Fast,  
by Nguyen Van Tran, 13 pp.

Far East  
Economic (Contd)

Selected Articles From the Vietnamese  
Newspaper, Nhan Dan.

30 Sep 1960.

JPRS 7137

Development of Animal Breeding, by  
Nguyen Van Loc, 6 pp, (p 3).

The Building up of State-Operated  
Collective Farms, by Tran Huu Duc,  
8 pp, (p 4).

19 Nov 1960, pp 1, 2.

JPRS 6823

Efforts to Overfulfill the Agricultural  
Plan for the 1960-1961 Winter-Spring Season,  
5 pp.

9 Jan 1961, pp 1, 2, (NY-5955).

\*JPRS

Pham Van Dong Interview With East  
German Reporters.

10 Jan 1961, pp 1, 2, (NY-5955).

\*JPRS

To Quang Dau Interview by Vietnam News  
Agency on Vietnamese Repatriates.

12 Jan 1961, pp 1, 2, (NY-5955).

\*JPRS

The Labor Unions' Most Important Task  
is to Develop Production and Manage  
the Economy, by Truong Chinh.

14 Jan 1961, pp 1, 2, (NY-5955).

\*JPRS

Truong Chinh Speaks at Agricultural  
Cooperativization Conference, ,

15 Jan 1961, pp 1, 2, (NY-5955).

\*JPRS

Editorial - Responsibilities and  
Methods of Agricultural Cooperativiza-  
tion in 1961.

Far East  
Economic (Contd)

Selected Articles From the Vietnamese  
Newspaper, Nhan Dan.

|                                                                                                                                     |           |
|-------------------------------------------------------------------------------------------------------------------------------------|-----------|
| 5 Feb 1961, pp 1, 3, (DC-5611).                                                                                                     | *JPRS     |
| Details on 1961 State Plan.                                                                                                         |           |
| 7 Feb 1961, pp 1, 2, (DC-5611).                                                                                                     | *JPRS     |
| Editorial on Emphasis on Industrial Crops.                                                                                          |           |
| 11 Feb 1961, pp 1, 2, (NY-6093).                                                                                                    | *JPRS     |
| Twenty-Seven Thousand Mau of Industrial<br>Crops Planted.                                                                           |           |
| 12 Feb 1961, pp 1, 2, (NY-6093).                                                                                                    | *JPRS     |
| Achieving the 1961 Irrigation Plan.                                                                                                 |           |
| 13 Feb 1961, pp 1, 2, (NY-6094).                                                                                                    | *JPRS     |
| Planting of 380,000 Additional Mau<br>of Rice; 36,000 Mau of Subsidiary Food<br>Crops, etc.                                         |           |
| Production, Grain Control, Irrigation,<br>(SF-1567).                                                                                |           |
| VIETNAMESE, np, <u>Thoi Moi</u> , 9 Nov 1960,<br>pp 1, 2.                                                                           | *JPRS     |
| History and Achievements of the Tran Hung<br>Dao Machine-Tool Factory, by Vu Thien An,<br>5 pp.                                     |           |
| VIETNAMESE, per, <u>Thoi Su Pho Thong</u> , No 15,<br>1960, pp 28-32.                                                               | JPRS 6879 |
| The Critical Nature of Food Supply Production<br>at the Present Time, by Dao Hong Van, (DC-5269).                                   |           |
| VIETNAMESE, per, <u>Thoi Su Pho Thong</u> , No 20,<br>1960, pp 11-15.                                                               | *JPRS     |
| We Must Guarantee the Proper Distribution of<br>Food Crops for the 1960 Winter-Spring Season,<br>by Le Van Hao, Vu Luan, (DC-5269). |           |
| VIETNAMESE, per, <u>Thoi Su Pho Thong</u> , No 20,<br>1960, pp 16-20.                                                               | *JPRS     |

Far East  
Political

Selected Works of Mao Tse-tung, by  
Mao Tse-tung, (DC-5512).  
CHINESE, bk, Mao Tse-tung Hsuan-chi  
Ti Ssu Chuan, Vol IV, Sep 1960,  
pp 1123-1520 except 1473-1486.

\*JPRS

Leap Forward in ~~Learning~~, Thinking, and  
Working at Chi-mei Overseas Chinese  
School, by Chuang Kung-me, (DC-5558).  
CHINESE, np, Chiao-hsiang Pao, 28 Jan  
1961, p 3.

\*JPRS

Selected Articles From the Chinese  
Periodical Chung-kuo Ch'ing-nien.

No 19, 1 Oct 1960.

JPRS 6743

Conscientiously Study the Fourth  
Volume of "Mao Tse-tung's Selected  
Works", 8 pp, (p 2).

The Great Record of the Victory of  
the Chinese People's Revolution,  
by Feng Hsien-chih, 31 pp, (p 5).

We Must Dare to Revolutionize and  
Dare to Struggle for Victory, by  
Liao Kai-lung, 13 pp, (p 18).

Raise High the Red Flag and Advance  
Bravely, by Wu Chih-pu, 7 pp, (p 24).

No 24, 16 Dec 1960, (SF-1578).

\*JPRS

On Policies and Styles, by Cheng Chih,  
(pp 5-8).

From a Democrat to a Communist, by  
Yang Hsiu, (pp 23-25, 8).

Resolutely Follow the Path to the  
Laborization of the Intellectuals,  
by T'ao Tzu-yuan, (pp 26-29).

Far East  
Political (Contd)

Selected Articles From the Chinese  
Periodical Hung-chi.

No 23, 1 Dec 1960.

JPRS 6848

Over-All Arrangements, Comprehensive  
Balancing, by Hsu Hsin-hsueh, 9 pp.  
(pp 1-5).

In Commemoration of Engels, by  
Shih Tung-hsiang, 5 pp, (pp 6-9).

Marxism-Leninism -- Our Banner of  
Victory, 4 pp, (pp 10-12).

A Military Expert of the Proletariat  
Must Also be a Political Expert of the  
Proletariat, by Li Chih-min, 15 pp, (pp 13-21).

The Basic Nature of Reactionaries  
Will Never Change, by Jen Hui-po,  
15 pp, (pp 22-31).

Tibet Reaps a Bumper Harvest After  
Democratic Reform, by Chang Kuo-hua,  
5 pp, (pp 32-36).

The Yearlong Technical Innovation  
and Technical Revolution Campaign,  
10 pp, (pp 37-41).

Translations From No 3/4, 1 Feb 1961,  
(DC-3502/36).

\*JPRS

Selected Articles From the Chinese  
Newspaper Jen-min Jih-pao.

6 Apr 1960.

JPRS 6825

Listen to Chairman Mao -- Continue the  
Revolution -- Continue to Leap Forward,  
by Yi Shih-chuan, 4 pp, (p 10).

Far East  
Political (Contd)

Selected Articles From the Chinese  
Newspaper Jen-min Jih-pao.

6 Apr 1960.

JPRS 6825

Technology Must Be Improved, by  
Li Li-fu, 3 pp, (p 11).

Support the Technological Revolution  
With Your Whole Heart and  
Devotion, by Chang Wen-chin, 5 pp.  
(p 11).

The Ideology of Mao Tse-tung, by  
Wang Yun-sheng, 7 pp, (p 13).

Rejoice Over the Entire Nation's  
Big Leap Forward, by Weng Wen-hao,  
5 pp, (p 13).

Everywhere Leaping Forward Like  
Ten Thousand Horses, by Fang Ting-ying,  
Tung Shuang-ch'iu, Ch'en Yun-chang,  
5 pp, (p 14).

Strengthen Self-Reform, by Liu Liang-mo,  
4 pp, (p 15).

"Serve One Master -- Follow One Line,"  
by Mao T'ieh-ch'iao, 6 pp, (p 15).

For More Progress We Need More Reform,  
by Jen Ts'ung-kao, 5 pp, (p 15).

Study Hard, Serve Actively, Strengthen  
Reform and Contribute Effort, by  
Liu T'ung, 3 pp, (p 15).

10 Apr 1960.

JPRS 6755

The Yi Tribe People Are Making Flying  
Leaps Forward, by Wa Cha-mu, 7 pp,  
(p 16).



Far East  
Political (Contd)

Selected Articles From the Chinese  
Newspaper Jen-min Jih-pao.

10 Apr 1960.

JPRS 6755

Understand Clearly the Situation --  
Actively Serve -- Strengthen Reform,  
by Ch'en En-feng, 5 pp, (p 17).

Perceptions on the Development of  
Mass Subjective-Conative Nature, by  
Wang Kuo-hsiu, 6 pp, (p 17).

Be a Red and Expert Intellectual, by  
Ch'ien Ling-hsi, 5 pp, (p 18).

A Victorious Song of Progress, by  
Li Ch'eng-hsiang, Tung Jen-ming,  
7 pp, (p 21).

Launch Into a Large Technological  
Innovation and Technological Revolution-  
ary Mass Movement, by Li Pao-sen,  
8 pp, (p 21).

In the Past, Heaven Was the Master;  
Today, Man Is the Lord, by Tseng Kuang-fu,  
4 pp, (p 22).

Today is the Time to See Heroic Figures,  
by Ma Shih-tseng, K'uang Chien-lien,  
3 pp, (p 23).

One Heart -- One Effort -- One Form in  
Going Forward, by Lang Yu-hsiu,  
Liu Lu-ying, Wu P'ei-ying, Lu Hsiu,  
8 pp, (p 23).

Mao Tse-tung's Ideology Is a Victorious  
Weapon, by Huang Fang-kang, 6 pp, (p 24).

Ten Thousand People With One Heart, Ten  
Thousand Horses Galloping, Ten Thousand  
Variegated Colors, and Ten Thousand New  
Appearances, by Li Chen, Ch'en T'ien,  
Ch'en K'e-fei, P'eng Chieh-ju, 6 pp, (p 24).

Far East  
Political (Contd)

Selected Articles From the Chinese  
Newspaper Jen-min Jih-pao.

2 Feb 1961, p 1, (DC-5465). \*JPRS

Arising From Reality.

7 Feb 1961, p 7, (SF-1598). \*JPRS

Tasks, Policies, Work Style.

9 Feb 1961, p 7, (NY-5984). \*JPRS

Concerning the Problem of Unity  
Between Wrong Thinking and Existence.

Into the Deserts, by Chu K'o-chen.

10 Feb 1961, p 1, (DC-5507). \*JPRS

Firmly Support the Patriotic and  
Just Struggle of the Laotian People  
in Their Opposition to American  
Encroachment.

13 Feb 1961, p 1, (SF-1659). \*JPRS

Think of the Welfare of the Masses  
in Every Way.

14 Feb 1961, p 2, (SF-1659). \*JPRS

Unite More Closely for a Greater  
Victory.

15 Feb 1961, (SF-1651). \*JPRS

Support the PLA and Give Preferential  
Treatment to Their Dependents; Support  
the Government and Love the People.

Far East  
Political (Contd)

Selected Articles From the Chinese  
Newspaper Jen-min Jih-pao.

21 Feb 1961, p 6, (SF-1686).

\*JPRS

A View of the Destitute Future of  
Imperialism From the Death of Lumumba,  
by Wu Yu-chang.

Comprehensive Utilization and Multiple  
Operations, (NY-5983).  
CHINESE, np, Kansu Jih-pao, 8 Jun 1960,  
p 2.

\*JPRS

The Ideological Significance of  
"Keng-yun Chi", by Huang Mo, 7 pp.  
CHINESE, np, Kuang-ming Jih-pao,  
30 Oct 1960, p 2.

JPRS 6872

China's Democratic League Organizes  
"Spiritual Meetings" on All Levels  
to Promote Self-Reform, (DC-5471).  
CHINESE, np, Kuang-ming Jih-pao,  
26 Jan 1961, p 2.

\*JPRS

Indonesia Prepares to Revive the 1945  
Constitution, by Lin Hsiao-ch'eng, (DC-5434).  
CHINESE, per, Kuo-chi Wen-t'i Yen-chiu,  
No 1, 1959, pp 53-54.

\*JPRS

Selected Articles From the Chinese  
Periodical Kuo-chi Wen-t'i Yen-chiu.

No 2, 1959, pp 7-17, (DC-5434).

\*JPRS

The Fallacy of 'Two Chinas' and  
Principles of International Law,  
by Shao Chin-fu.

No 4, 1959, pp 29, 62, 63, (DC-5434).

\*JPRS

Scars of Agriculture and the Peasantry  
in Colonial Areas and Backward Nations,  
by Hsiao Yung-chen.

Far East  
Political (Contd)

Selected Articles From the Chinese  
Periodical Kuo-chi Wen-t'i Yen-chiu.

No 5, 1959, (DC-5434).

\*JPRS

Looking at the Current International  
Situation From the Geneva Foreign  
Ministers' Conference, by Shao Wen-shih,  
(pp 1-7).

Bankruptcy of the Mystic Statement on  
US "Military Superiority," by Wan Wen,  
(pp 39-44, 38).

No 6, 1959, (DC-5434).

\*JPRS

China's Economic and Trade Relations  
With the Afro-Asian Nations During  
the Past 10 Years, by Lei Jen-min,  
(pp 34-37).

India Initiates a Second Anti-Chinese  
Upsurge, by Li Chun, (pp 54-55).

The Political Situation in Indonesia  
After the Revival of the 1945 Con-  
stitution, (pp 57-59).

No 7, 1959, (DC-5434).

\*JPRS

The Great Proposal of the Soviet  
Union for General and Total Disarma-  
ment, by Chang Fang, (pp 55-57).

The Dream of US Nuclear Maniacs  
Will Be Wiped Out, (Book Review),  
by Chang Wei, (pp 62-64).

No 8, 1959, (DC-5434).

\*JPRS

General and Total Disarmament Is  
Currently the Most Important  
Problem, by Wang Chien-sheng, (pp 1-7).

Far East  
Political (Contd)

Selected Articles From the Chinese  
Periodical Kuo-chi Wen-t'i Yen-chiu.

- No 8, 1959, (DC-5434). \*JPRS
- Foreign Economic Power in Burma, by  
Shih Kung, (pp 39-43).
- The Tide of History Cannot Be Stopped,  
by Shih Wen, (pp 60-62).
- No 1, 1960, pp 60-64, (DC-5434). \*JPRS
- Comments on Research on the Question  
of Bourgeois Theories, by Shih Ch'ao.
- No 2, 1960, (DC-5434) \*JPRS
- Imperialist Economic Strength in  
Indonesia, by Yu Tseng, (pp 32-38).
- Glorious History of the Friendship  
and Solidarity of the People of the  
Two Nations of the Soviet Union and  
China, by Yu Hsin, (pp 62-64).
- No 4, 1960, pp 62-64, (DC-5434). \*JPRS
- The Land Problems of the Eastern  
Nations, by Shen-li.
- No 5, 1960, pp 50-52, (DC-5434). \*JPRS
- Under the Cover of 'Peace', by Wu Shih.
- No 6, 1960, (DC-5434). \*JPRS
- The Basic Nature of US Imperialism  
Is Unchangeable, by Hsu Yung-ying,  
(pp 9-24).
- Ideological Discussion: The Imperialist  
"Strawman", by Ai. Na, (pp 47-50).

Far East  
Political (Contd)

Selected Articles From the Chinese  
Periodical Kuo-chi Wen-t'i Yen-chiu.

No 7, 1960, (DC-5434).

\*JPRS

Peoples of Asia and Africa, Unite in  
the Struggle Against US Imperialism  
to the End, by Mei Hao-shih, (pp 2-7).

Role of the Teacher of Opposites, by  
Yin Erh-shan, (pp 53-54).

Causes of the Beginning and the Victory  
of the Chinese Revolution, by Li Chu,  
(NY-6099).

CHINESE, per, Li-shih Yen-chiu, No 6,  
Nov 1960, pp 1-12.

\*JPRS

The Boxer's Struggle Against Imperialism,  
by Shih Ssu-ch'un, (NY-6099).

CHINESE, per, Li-shih Yen-chiu, No 6,  
Nov 1960, pp 13-26.

\*JPRS

Discussion of the Question of Peasant  
Revolutionary Wars in China's Feudal  
Society, by Shih Shao-pin, (NY-6099).

CHINESE, per, Li-shih Yen-chiu, No 6,  
Nov 1960, pp 72-80.

\*JPRS

On-The-Spot Meetings at the Shanghai  
Radio Factory, by I. P'ing, 4 pp.

CHINESE, per, Shanghai Kung-shang,  
No 15/16, 20 Aug 1958, pp 41-42.

JPRS 4462

A Great Truth of the Present Era, by  
Anna Louise Strong, 16 pp.

CHINESE, per, Shih-chieh Chih-shih,  
No 22, 22 Nov 1960, pp 4-9.

JPRS 4439

An Experience of the Chinese People  
Learned From the 1909 Anti-Imperialist  
Struggle, by Wang Nan, (SF-1578).

CHINESE, per, Shih-chieh Chih-shih,  
No 23, 5 Dec 1960, pp 4-10.

\*JPRS

Far East  
Political (Contd)

A New Program of Solidarity and Combat,  
by Yuan Fang, (SF-1578).  
CHINESE, per, Shih-chieh Chih-shih, No 24,  
20 Dec 1960, pp 5-9.

\*JPRS

Instilling, Experimenting and Regulating  
Is a Good Way to Survey and Study, (NY-5967).  
CHINESE, np, Ta Kung Pao, 9 Feb 1961, p 3.

\*JPRS

Ordinance No 520-CE, 521-CE, 524-CE, 525-CE,  
(NY-6110).

FRENCH, per, Journal Officiel du Cambodge,  
Vol XVI, No 49, 8 Dec 1960, pp 2411-2415.

\*JPRS

Official Proclamation No 3610, 3611, 3704,  
(NY-6110).

FRENCH, per, Journal Officiel du Cambodge,  
Vol XVI, No 49, 8 Dec 1960, pp 2429-2432.

\*JPRS

Peiping and Moscow Status of Their Relations  
in the Fall of 1960, by Klaus Mehnert,  
(SF-1566).

GERMAN, per, Osteuropa, Vol X, No 11/12,  
1960, pp 729-744.

\*JPRS

Report on Changes in the Communist Party  
Constitution, by M. H. Lukman, 35 pp.  
INDONESIAN, pamphlet, 1959, pp 3-54.

JPRS 4411

Speech Accompanying Draft Revision of  
the Program of the Communist Party of  
Indonesia, 21 pp.  
INDONESIAN, pamphlet, 1959, pp 5-33.

JPRS 4396

The Selected Works of D. N. Aidit,  
Volume II, by D. N. Aidit, (DC-5479).  
INDONESIAN, bk, D. N. Aidit Pilihan  
Tulisan, 1960, pp 7-591.

\*JPRS

General Report of the SOBSI National  
Council to the Third SOBSI National  
Congress, 66 pp.  
INDONESIAN, booklet, Laporan Umum Dewan  
Nasional SOBSI Kepada Kongres Nasional  
ke-III SOBSI, 1960, Part II, III, pp 75-118.

JPRS 7456

Far East  
Political (Contd)

Draft of the Amended SOBSI Constitution,  
32 pp.

INDONESIAN, pamphlet, Rentjana Perubahan  
Konstitusi, 1960, pp 1-24.

JPRS 7456

PKI Greetings to the Cuban People's  
Socialist Party Congress, 7 pp.  
INDONESIAN, np, Harian Rakjat, 22 Aug 1960,  
pp 1-2.

JPRS 7640

Fifteen Years of Struggle to Serve the  
Peasants, by J. Kurdi, 15 pp.  
INDONESIAN, np, Harian Rakjat, 25, 26 Nov  
1960, p 2.

JPRS 7640

Abdulgani on USDEK as the Essence of  
Manipol, by Roeslan Abdulgani, 43 pp.  
INDONESIAN, per, Mimbar Indonesia,  
Vol XIV, No 44, 29 Oct 1960, pp 9-11,  
29; No 45, 5 Nov 1960, pp 9-11; No 46,  
10 Nov 1960, pp 11-13, 30; No 47,  
19 Nov 1960, pp 14, 15, No 48/49,  
30 Nov 1960, pp 14,15.

JPRS 7571

Experiences in the Kediri Second Level  
Regional Government and Legislature,  
by Suwandi, (NY-6058).  
INDONESIAN, per, PKI dan Perwakilan,  
Vol V, No 2/3, 1960, pp 273-277.

\*JPRS

Socialism and Poverty, by Arnold H. Simbolon,  
4 pp.  
INDONESIAN, per, Sikap, Vol XIII, No 21/22,  
12 Aug 1960, p 5.

JPRS 6797

Prisoners Sent to West Borneo as Con-  
struction Force, (SF-1602).  
INDONESIAN, np, Suluh Indonesia, 2 Feb 1961,  
pp 1-2.

\*JPRS

Background to Dual Citizenship Treaty,  
(SF-1602).  
INDONESIAN, np, Suluh Indonesia, 7 Feb 1961,  
pp 1-2.

\*JPRS



Far East  
Political (Contd)

Only By Completely Establishing the Party's  
Ideological System Can Party Policies Be  
Implemented Correctly, by Chong Tong-ch'ol,  
7 pp.

KOREAN, np, Minju Choson, No 4816, 29 Nov 1960,  
p 2.

JPRS 7559

Great Vitality of the Spirit of Ch'ongsan-ni,  
30 pp.

KOREAN, np, Nodong Sinmun, No 4868, 16 Dec 1960,  
pp 2-3.

JPRS 7560

1961 - Work To Be Done by the Literary Institute  
During the Next Five Years, (DC-5511).

VIETNAMESE, per, Nghien Cuu Lich Su,  
No 22, Jan 1961, pp 2-5.

\*JPRS

Letter to the Lao Dong Party Central Committee  
From the Vietnam Fatherland Front 13th Plenum,  
(NY-5955).

VIETNAMESE, np, Nhan Dan, 13 Jan 1961, pp 1, 2.

\*JPRS

News of Party Congresses in Various Places,  
(NY-6075).

VIETNAMESE, np, Nhan Dan, No 2512, 3 Feb 1961,  
pp 1-3.

\*JPRS

Premier Issues Directive on Opening a  
Propaganda Movement on the Marriage and  
Family Law, (NY-6075).

VIETNAMESE, np, Nhan Dan, No 2513,  
4 Feb 1961, pp 1, 2.

\*JPRS

Truong Chinh Visits the Labor Cadre School,  
(NY-6093).

VIETNAMESE, np, Nhan Dan, No 2517, 8 Feb 1961,  
pp 1, 2.

\*JPRS

Lao Dong Party Greeting to the Albanian Party  
Congress, (NY-6094).

VIETNAMESE, np, Nhan Dan, No 2522, 13 Feb 1961,  
pp 1, 2.

\*JPRS

Far East  
Military

Regulations on Handling Demobilized  
National Servicemen, 5 pp.

CHINESE, bk, Chung-hua Jen-min Kung-ho-  
kuo Fa-kuei Hui-p'ien, Vol VII, 8 p 1958,  
pp 200-203.

JPRS 6908

Statute for Preferential Treatment to  
Military Servicemen and Dependents, 6 pp.  
CHINESE, np, 21 Dec 1960.

ID 2161380

Items of Equipment for Barracks, by Markas  
Besar Angkatan Darat, 78 pp.  
INDONESIAN, per, Buku Pedoman Pemakaian Alat<sup>2</sup>  
Ksatrijan.

ACSI H-7939  
ID 2136097

Rebel Leader Surrenders in North Celebes,  
(SF-1714).  
INDONESIAN, np, Duta Masjarakat, 1, 2 Mar 1961,  
p 2 of both issues.

\*JPRS

Guide for the Use of Organizational and Field  
Equipment, by Markas Besar Angkatan Darat,  
23 pp.  
INDONESIAN, per, Pedoman Pemakaian Alat<sup>2</sup> P.P.L.

ACSI H-7938  
ID 2136097

Military Training Exercises Held Daily in  
Moluccas, (SF-1602).  
INDONESIAN, np, Suluh Indonesia, 2 Feb 1961,  
pp 1 & 2.

\*JPRS

Organization and Equipment, Budget and  
Procurement, and Registered Makers, 72 pp.  
JAPANESE, bk, Self-Defense Forces Yearbook  
for 1960, pp 188, 193, 194, 205, 234, 242,  
246, 297, 337, 397, 707, 708.

319th MI Bn  
ID 2129455

Niiijima Missile Base, 4 pp.  
JAPANESE, per, Akahata, 16 Jan 1961,  
Rpt No 0397/61.

USACRAPAC  
Doc No 103634 (6a)

Far East  
Geographic

Riddle of Taklamakan Desert Is Initially  
Exposed, 3 pp.

CHINESE, np, Kuang-ming Jih-pao, 6 Jan 1961,  
p 1.

JPRS 7809

Selected Articles From the Chinese Periodical  
Ti-li Chih-shih, Vol X, No 1, 6 Jan 1959.

JPRS 7679

Comrade Chu K'o-cheng's Address at the  
Specialization Conference on Geography,  
17 pp, (pp 1-3).

Strive for the Fulfillment of the 1959  
Tasks in Geographical Work, by P'ei Li-sheng,  
10 pp, (pp 4, 5).

Speech by Professor Latenov at the Geo-  
graphical Specialization Conference, 14 pp,  
(pp 6, 7).

Struggle for the Transformation of the  
Features of Geography, by Li Ping-shu,  
26 pp, (pp 8-11).

Party Leadership and the Mass Line Are the  
Fundamental Problems in the Reform of  
Geography, by Lin Ch'eng-k'un, 23 pp, (pp 12-14).

Population Density and Agricultural Regions of  
Anhui Province, by Hu Huan-yung, (DC-5561).  
CHINESE, per, Ti-li Hsueh-pao, Vol II, No 1, 2;  
1935, pp 53-62.

\*JPRS

Sketch of Topographic Types in Kwanghsi  
Province, by Yang Chun-chien, (DC-5561).  
CHINESE, per, Ti-li Hsueh-pao, Vol II, No 1, 2;  
1935, pp 75-90.

\*JPRS

Chungking, by Chao T'ing-chien, (NY-6071).  
RUSSIAN, pamphlet, Chuntsin, 27 Feb 1960, 115 pp.

\*JPRS

Physical Features of the Eastern Tibet, by  
S. V. Zonn, 7 pp.  
RUSSIAN, per, Vest Ak Nauk SSSR, No 7, 1960,  
pp 67-71. (Call No Q4, V57, Eng Tr).

AMS

Far East  
Sociological

Cooperation Between Traditional Chinese  
and Western Medical Practitioners to Promote  
the People's Health, by Hsu Yun-pei, (SF-1560).  
CHINESE, per, Chung-hua I-hsueh Tsa-chih,  
Vol XLVI, No 1, 1960, pp 1, 2.

\*JPRS

Raise High the Red Banner of the General  
Line in a Continued Leap-Forward in  
Medical Education, by Ts'ui I-t'ien,  
(SF-1560).  
CHINESE, per, Chung-hua I-hsueh Tsa-chih,  
Vol XLVI, No 1, 1960, pp 3-7.

\*JPRS

Selected Articles From the Chinese  
Newspaper Jen-min Jih-pao.

6 Apr 1960.

JPRS 6825

The People's Commune Blossoms Brighter,  
by Li Yu-an, 4 pp, (p 11).

The People's Commune Has Brought Many  
Advantages to Women, by Li Kuei-ying,  
Chang Hui-ying, 4 pp, (p 12).

Great Education From Inspection of a  
Small Factory, by Lu Yu-tao, 4 pp, (p 14).

New Trends in Rural Sanitation and  
Health Work, by Lin Ch'iao-ya, Huang Ting-  
ch'en, 5 pp, (p 16).

Leap Forward Flowers Air in Bloom  
Everywhere, by Fu Tao-shen, 4 pp, (p 16).

The Party's Traditional Chinese Medicine  
Policy Shines Brilliantly, by Chang Hsiao-  
ch'ien, 5 pp, (p 16).

Our Country's Medical Schools, Under the  
Socialist System, Perform in an Outstanding  
Manner, by P'u Fu-chou, 6 pp, (p 18).

Far East  
Sociological (Contd)

Selected Articles From the Chinese  
Newspaper Jen-min Jih-pao.

10 Apr 1960.

JPRS 6755

"Poor Su-chi" Has Become Rich Su-chi,  
by Cha Hsi-wang-hsu, 6 pp, (p 16).

Development of Literary and Artistic  
Creativity of the Yunnan People During  
the Great Leap Forward, by Hsu Chia-jui,  
7 pp, (p 16).

Raise to New Heights Research Work on  
Philosophy and Social Science, by Ting  
Sheng-shu, Chin Yueh-lin, et al, 5 pp,  
(p 17).

Unite Education With Production --  
Carry Out Scientific Research, by  
P'an Ch'en-hsiao, 4 pp, (p 18).

The Su-chou Silk Industrial Special School  
Advances, by Cheng P'i-chiang, 4 pp, (p 18).

Train More Red and Special People for Our  
Country, by Huang Shu-p'ei, 5 pp, (p 18).

Concerning the Education Problem of  
Returning Overseas Students, by Ch'en  
Hsu-ching, 5 pp, (p 20).

The Ch'eng-tu Industrial College Leaps  
Forward, by Chang Ch'uan, 5 pp, (p 20).

Implement the Party's Education Policy,  
Raise the Quality of Teaching, by Lu  
Chi-fang, 6 pp, (p 20).

A Penetrating, Living and Realistic  
Socialist Education, by Chu Yun-shan,  
Chou Hsin-min, Wen Chia-ssu, Tseng  
Tse-sheng, Chang Chi-yuan, 7 pp, (p 24).

Accept Education by the Masses for  
Greater Improvement, by Huang Shao-hai,  
4 pp, (p 24).

Far East  
Sociological (Contd)

Selected Articles From the Chinese  
Newspaper Jen-min Jih-pao.

1 Nov 1960, p 7.

JPRS 6872

Our Rural Public Health Work Is  
Developing at a Rapid Rate, by  
Li Te-ch'uan, 7 pp.

5 Feb 1961, p 5, (DC-5482).

\*JPRS

Don't Fear Ghosts.

Some Understanding of the Training of  
Scientific and Technical Cadres, 6 pp.  
CHINESE, per, K'o-hsueh T'ung-pao,  
No 1, 1960, pp 26, 27.

JPRS 4465

Selected Articles From the Chinese  
Newspaper Kuang-ming Jih-pao.

17 Nov 1960, p 2.

JPRS 6872

To Promote Educational Revolution  
Through the Implementation of On-  
the-Spot Teaching, by Ch'en I-fan,  
Wei Ming, 8 pp.

11 Jan 1961, p 1.

JPRS 7809

Traditional and Modern Doctors  
Cooperate to Produce Treatment  
for Fractures, 4 pp.

12 Jan 1961, p 3.

JPRS 7809

Summary of Reasons for Continued Use  
of English Names, and for a Switch to  
the Han Phoneticization, 7 pp.

24 Jan 1961, p 3, (NY-5961).

\*JPRS

Natural Science Workers Should  
Serve the Cause of Handling Agriculture  
in a Big Way.

Far East  
Sociological (Contd)

Selected Articles From the Chinese  
Newspaper Kuang-ming Jih-pao.

28 Jan 1961, p 2, (DC-5473).

\*JPRS

Quantity and Quality in Educational  
Work.

30 Jan 1961, p 3, (SF-1572).

\*JPRS

Diversified Operations and Com-  
prehensive Utilization.

3 Feb 1961, p 3, (DC-5461).

\*JPRS

Concerning Antagonisms and Similari-  
ties Between Materialism and Idealism.

22 Feb 1961, (3F-1691).

\*JPRS

Detailed Study of Raising Techniques  
for Early Rice.

Closely Unite Production With All Kinds  
of Physical Activities, (SF-1570).  
CHINESE, np, Kung-jen Jih-pao, 27 Jan 1961,  
p 1.

\*JPRS

Prevent Diseases and Promote Public  
Health, 4 pp.

CHINESE, np, Kung-ming Jih-pao,  
20 Nov 1960, p 1.

JPRS 6872

Opinions on the Goals and Mission of  
Middle School Mathematics, by Pien  
Shu-yang, Ts'ao Tso-yu, Shen Hsi-yung,  
6 pp.

CHINESE, per, Shu-hsueh T'ung-pao, No 1,  
1960, pp 38-40.

JPRS 4465

Discussion on the Problem of Correlating  
Middle School and College Mathematics, 7 pp.  
CHINESE, per, Shu-hsueh T'ung-pao, No 3,  
1960, pp 35-37.

JPRS 4465

Far East  
Sociological (Contd)

Talks With Indonesian Students in Moscow, 5 pp.  
INDONESIAN, per, Negeri Sovjet, No 1, 1960,  
pp 12-15.

JPRS 6796

Education Research Meeting, by Matsuda Sadao,  
8 pp.  
JAPANESE, np, 25, 26 Jan 1961.

USACRAPAC, PD  
Tr No 103651 (1a)  
Rpt No 0507/61

Present Shortcomings and Future Tasks  
of Local Cultural Organizations, by  
D. Tumur-Ochir, 18 pp.  
MONGOLIAN, per, Soyol, No 2, 1960, pp 5-17.

JPRS 6812

Two-Hundred-Eight Doctors and Pharmacists  
Graduate From Medical College, (NY-6093).  
VIETNAMESE, np, Nhan Dan, No 2519,  
10 Feb 1961, pp 1, 2.

\*JPRS

Pham Van Dong's Speech at Artists' Meeting  
to Study the Decisions of the Third National  
Party Congress, by Pham Van Dong.  
VIETNAMESE, per, Van Nghe, No 43, Dec 1960,  
pp 38-48.

\*JPRS

Paris Yiddish Communist Daily Reports on  
Crime and Punishment in Red China, by  
Dore, Hershl Meierboim, (DC-5557).  
YIDDISH, np, Nale Presse, 9 May-7 June 1960.

\*JPRS

Biographic

Activities of Prominent Chinese Communist  
Personalities, (DC-5483).  
CHINESE, np, Jen-min Jih-pao, 1-31 Dec 1960.

\*JPRS



WESTERN EUROPE

Economic

The Program of Public Works at Liege and in the Liege Area, by P. Walheer. FRENCH, np, presumably Belgium, 1959, (Call No EIF 355418, Eng Tr).

AMS

Port Policy of Rotterdam, by Frans Willems, 13 pp. FRENCH, per, Bulletin Commercial Belge, Nov 1960, Encl 1 to Desp 147, 18 Jan 1961, AmConGen, Rotterdam.

Dept of State  
4321022

French CC 6 Y2's For China, 5 pp. FRENCH, per, La Vie du Rail, No 768, 23 Oct 1960, pp 12-20.

ACSI H-8382  
ID 2161153

Political

Statement of Principles and Constitution of the Netherlands Socialist Workers Party, 21 pp. DUTCH, pamphlet, Beginselprogram van de Socialistische Werkers Partij, Nov 1960, pp 3-32.

JPRS 6828

The Theoretical Bases of the Law of Relative and Absolute Impoverishment of the Working Class, by Roger Garaudy, (DC-3801/25). FRENCH, per, Cahiers du Communisme, Vol XXXVII, No 1, 1961, pp 13-37.

\*JPRS

Maurice Thorez' Contribution on Impoverishment, by Henri Claude, (DC-3801/25). FRENCH, per, Cahiers du Communisme, Vol XXXVII, No 1, 1961, pp 38-51.

\*JPRS

Western Europe  
Political (Contd)

Capitalism Dehumanizes Man, by  
Jean-Claude Poulain, (DC-3801/25).  
FRENCH, per, Cahiers du Communisme,  
Vol XXXVII, No 1, 1961, pp 52-71.

\*JPRS

Historical Needs and Impoverishment,  
by Andre Barjonet, (DC-3801/25).  
FRENCH, per, Cahiers du Communisme,  
Vol XXXVII, No 1, 1961, pp 72-79.

\*JPRS

Statistical Data on the Workers'  
Budgets, by Maurice Bouvier-Ajam,  
(DC-3801/25).  
FRENCH, per, Cahiers du Communisme,  
Vol XXXVII, No 1, 1961, pp 80-94.

\*JPRS

The Rueff-Armand Report, by Gaston  
Auguet, (DC-3801/25).  
FRENCH, per, Cahiers du Communisme,  
Vol XXXVII, No 1, 1961, pp 95-123.

\*JPRS

Recent Strike in Belgium; Comments  
and Resume, by Raymond Cartier, 9 pp.  
FRENCH, per, Match, 7 Jan 1961,  
Encl to Serial No 9-61.

Navy/ONI 5112227

The Measure of Autonomy the South  
Tirolese Need, by Franz Gschnitzer,  
8 pp.  
GERMAN, paper, Oesterreichische Neue  
Tageszeitung, 24 Dec 1960, Encl 1 to  
Desp 686, AmEmbassy, Vienna, 5 Jan 1961.

Dept of State  
4320428

Regional Autonomy for South Tirol --  
Can Italy Grant It? by Franz Gschnitzer,  
5 pp.  
GERMAN, np, Der Volksbote, 24 Dec 1960,  
Encl 2 to Desp 686, AmEmbassy, Vienna,  
5 Jan 1961.

Dept of State  
4320428

Western Europe  
Military

Military Vehicle Registration, 3 pp.  
FRENCH.

ACSI H-7808  
ID 2155379

Practical Guide to Pacification for  
the Use of Commanders of Company Defense  
Areas, 55 pp.

FRENCH, bk, Guide Pratique de Pacifica-  
tion a l'usage des Commandants de Sous-  
Quartier .

519th MI GP-C  
ID 2146526

Special Instruction for Anti-Guerrilla  
Warfare -- Vol II.

FRENCH, bk, Instruction Specialisee de  
Contre Guerilla -- Tome II, Apr 1958.

519th MI GP-A  
ID 2146526

Special Instruction for Anti-Guerrilla  
Warfare -- Volume III, 285 pp.

FRENCH, bk, Instruction Specialisee de  
Contre Guerilla -- Tome III, Apr 1958.

519th MI GP-B  
ID 2146526

The Swiss Tank, by E. Lederrey, 8 pp.

FRENCH, per, Revue Militaire Suisse,  
1959, pp 568-575.

ACSI H-8090  
ID 2158086

Essential Points of Italian Army Tactical  
Doctrine and Their Effects Upon the  
Organization of the Army, by Ugo Bizzarri,  
14 pp.

ITALIAN, bk, Punti Essenziali Della Nostra  
Attuale Dottrina Tattica e Loro Riflessi  
Sull 'Organizzazione dell'Esercito,  
18 Oct 1960.

ID 2162197

New Portuguese Army Territorial Organiza-  
tion, 8 pp.

PORTUGUESE, per, Diario do Governo,  
24 Nov 1960.

ID 2162206

Dress Uniform (Blue) Composition and  
Characteristics, 7 pp.

SPANISH, bk, Uniforme de Gala (Azul)  
Composicion y Caracteristicas B.P.S.G.,  
No 3026, pp 1322-1327, 1361-1362.

ACSI H-5730  
ID 2103496

Western Europe  
Geographic

Underground Antwerp, by H. Gooreman, 9 pp.  
FLEMISH, per, Antwerpen, Jul 1960,  
pp 80-85. (Call No IEF 363240, Eng Tr).

AMS

Sociological

Geographic Breakdown of All the Popula-  
tion in the Liege Industrial Area, by J.  
A. Sporck.  
FRENCH, per, Travaux du Cercle des  
Geographes Liegeois, Liege, 1958, pp 1-30.  
(Call No EIF 355430, Eng Tr).

AMS

Biographic

My Mission at the United Nations, by  
Norodom Sibgnouk, 15 pp.  
FRENCH, np, Realites Cambodgiennes,  
Nov 1960.

JPRS 6849

LATIN AMERICA

Economic

Road Connection Rio de Janeiro-Petropolis-Teresopolis; 3. Study Trips; Some Notes on Brazil and Its Road Network, 16 pp.

FRENCH, per, Revue Generale des Routes et des Aerodromes, No 338, Mar 1960, pp 142, 143-151, 161-164.

ACSI H-6916  
ID 2162124

Cuba's Road to Communism, (Economic Aid), by Boris Goldenberg, (DC-5633).

GERMAN, per, Aussenpolitik, Vol XII, No 2, 1961, pp 103-110.

\*JPRS

Highways to Prosperity, 50 pp.

PORTUGUESE, bk, O Observador, No 215, Jan 1954, pp 57-74.

ACSI H-8009  
ID 2156398

Belem- Brasilia Highway, 39 pp.

PORTUGUESE, per, O Observador Economico e Financeiro, Jan 1960, pp 35-61. partial

ACSI H-8096  
ID 2158091

New Telecommunications Services Established Between Paraguay and Brazil, 15 pp.

SPANISH, per, Ministerio de Obras Publicas y Comunicaciones, Vol III, No 11, 1960, pp 84-101.

USASIA Tr-1126

Latin America  
Political

Galileia Expropriated, in Honor of  
the Brave Peasants of Galileia, by  
Jose Joao Silva, (DC-5667).  
PORTUGUESE, pamphlet, Desapropriada  
A Galileia E Ressuscitados Os Cristos.

\*JPRS

The Sad Life in the Fields, by Jose Joao  
Silva, (DC-5667).  
PORTUGUESE, pamphlet, A Triste Vida Do  
Campo, No 121.

\*JPRS

The Vote of the Peasants, (DC-5667).  
PORTUGUESE, pamphlet, O Voto Do  
Campones.

\*JPRS

Regulations for the Industrial Department  
of Inra, 18 pp.  
SPANISH, Desp 1485, AmEmbassy, Habana, CERP  
Section D, Item IV-A-1, 20 Dec 1960.

Dept of State  
4468479

Biographic

L'Unita Reporter Interviews Fidel Castro,  
by Arrinio Savioli, 5 pp.  
ITALIAN, np, l'Unita, No 32,  
1 Feb 1961, pp 1, 2.

JPRS 6803

SCIENTIFIC

Aeronautics

Record Altitude, Record Speed, by N. Denisov.

RUSSIAN, np, Pravda, No 214, 2 Aug 1959, p 1, 9660202.

ATIC MCL 373/III

With Unusual Load Into the Stratosphere, by N. Denisov, 4 pp.

RUSSIAN, np, Pravda, No 218, 6 Aug 1959, p 4. 9660206.

ATIC MCL 369/III

The Scintex Mil-145 "Rubis," 4 pp.

FRENCH, per, Aviation Magazine, 1 Jul 1960, pp 38, 39.

ACSI H-8701  
ID 2164440

Scientific  
Astronomy

Physical Conditions on the Moon and  
Planets, by N. P. Barabashov, (SF-1671).  
RUSSIAN, bk, Astronomiya v SSSR za  
Sorok Let, 1917-1957, 1960, pp 135-156.

\*JPRS

Meteors, by V. V. Fedynskiy, (SF-1671).  
RUSSIAN, bk, Astronomiya v SSSR za  
Sorok Let, 1917-1957, 1960, pp 175-185.

\*JPRS

The Sun, by V. P. Vyazanitsyn, (SF-1671).  
RUSSIAN, bk, Astronomiya v SSSR za  
Sorok Let, 1917-1957, pp 207-225.

\*JPRS

A Theory of the Ionization of Meteor  
Trails. II. The Role of the Ionizing  
Phenomena on the Surface of a Meteor Body  
Under the Ionization Effect of a Meteor  
Trail, by A. M. Furman.  
RUSSIAN, per, Astronomicheskiy Zhurnal,  
Vol XXVII, No 4, 1960, pp 746-752.

\*ATIC MCL-767/1

Probing the Mysteries of the Planets,  
by V. Fesenkov, 12 pp.  
RUSSIAN, np, Pravda, 23 Oct 1960.

JPLAI

Discussion on Some Problems Concerning  
Cosmological Evolution, by Tai Wen-sai,  
(SF-1686).  
CHINESE, np, Jen-min Jih-pao, 21 Feb 1961,  
p 7.

\*JPRS

Mobile Lab for the Moon, (NY-6087).  
CROATIAN, np, Aerosvet, Vol X, No 222,  
25 Dec 1960, pp 6-7, Col 4-8.

\*JPRS



Scientific  
Biology

Selected Articles From the Russian Book  
"Aklimatizatsiya Ryb i Kormovykh  
Organizmov v Moryakh SSSR," No 1, 1960,  
(NY-6063).

\*JPRS

The Basis of Acclimatization of Marine  
Organisms in the Aral Sea, by A. F.  
Karpevich, (pp 76-114).

The Contemporary Status of Benthos  
in the Aral Sea, by Ye. A. Yablonskaya,  
(pp 115-149).

The Food Supply of Fishes of the Aral  
Sea and Its Utilization, by Ye. A.  
Yablonskaya, (pp 150-176).

Zooplankton of the Aral Sea, by N. K.  
Lukonina, (pp 177-197).

The Biological Basis of Acclimatization  
of Myside in the Aral Sea and Certain  
Other Brackish Waters, by A. F. Karpevich,  
(pp 198-218).

Data on the Biological Basis of Acclimatiza-  
tion of Certain Bottom Invertebrates in the  
Aral Sea, by Ye. N. Bokova, (pp 225-234).

Chinese Botanical Gardens, by M. V. Kul'tiasov,  
26 pp.  
RUSSIAN, per, Iz Ak Nauk SSSR, Ser Biol, No 5,  
Sep/Oct 1960, pp 798-807.

JPRS 7345

Election of New Members to the Academy of  
Sciences USSR in the Department of Biological  
Sciences, 9 pp.  
RUSSIAN, per, Iz Ak Nauk SSSR, Ser Biol, No 5,  
Sep/Oct 1960, pp 814, 815.

JPRS 7346

Use of Yu. A. Krotov's Apparatus for the  
Bacteriological Analysis of the Air in  
Urban Transport, by E. A. Shaposhnikov.  
RUSSIAN, per, Lab Delo, Vol VI, No 2, 1960,  
pp 53, 54.

\*USDA

Scientific  
Biology (Contd)

New Genera and Type Species, Excerpts  
From Corals of the Upper Silurian and  
Lower Devonian of the Eastern and Western  
Slopes of the Urals, by E. D. Soshkina.  
RUSSIAN, per, Trudy Paleozool Inst, Vol VI,  
No 4, 1937, pp 5-87.

Dept of Interior  
QE3 E57 No 15

The Role of Soluble RNA in the Intermediate  
Reactions of Protein Synthesis and Its  
Connection With the Enzymic Systems of  
Amino-Acid Activation, by Zh. A. Medvedev,  
27 pp.

RUSSIAN, per, Uspekh Sovrem Biol, Vol L,  
No 2 (5), 1960, pp 121-135.

JPRS 7783

Certain Results of Large-Scale Culture of  
Unicellular Algae, by V. A. Chesnokov, V.  
V. Pinevich, N. N. Verzilin, A. M. Stepanova.  
RUSSIAN, per, Vest Leningrad U, Ser Biol,  
Vol XV, No 9, pp 29-36.

\*USDA

Investigation of the Microflora of the  
Atmospheric Air of Cities, by Kh. L.  
Galikeyev.

RUSSIAN, per, Vrach Delo, No 11, 1956,  
pp 1193-1194.

\*USDA

A Preliminary Success on the Experiment  
of Transplanting Ficus Elastica Northward,  
by Ch'en Lu-sheng, (SF-1603).

CHINESE, per, K'o-hsueh T'ung-pao, No 7,  
12 Apr 1958, pp 218, 219.

\*JPRS

Cultivation of Silkworm (*Bombyx mori*)  
Tissues by Monolayer Tissue Culture  
Method, by Liu Nien-ts'ui, Hsieh T'ien-en,  
Kao Shang-yin, (SF-1603).

CHINESE, per, K'o-hsueh T'ung-pao, No 7,  
12 Apr 1958, pp 219-220.

\*JPRS

A Preliminary Report of the Polychaete  
Fauna From the China Sea, by P. Uschakov,  
Wu Pao-ling, (SF-1649).

CHINESE, per, K'o-hsueh T'ung-pao, No 7,  
11 Apr 1960, pp 217, 218.

\*JPRS

Scientific  
Biology (Contd)

The Effect of Ultrasonics on the Embryonic Development of Goldfish, by Wang An-ch'i, Wang Ch'un-yuan, Ch'en Hsiu-lan, 4 pp.

CHINESE, per, K'o-hsueh T'ung-pao, No 8, 26 Apr 1960, p 253.

JPRS 4465

Three Types of Polyene Antibiotics Produced by Actinomycetes Isolated From the Soils of South China, by T'sai Jun-sheng, Pao Ch'in-chu, Wu Shu-yun, Shen Li-chun, Kung Ping-yung, 13 pp.

CHINESE, per, Yao-hsueh Hsueh-pao, Vol VIII, No 1, 1960, pp 47-52.

JPRS 7177

Reptiles in Northern Croatia, by Pavao Postruzin, 8 pp.

CROATIAN, per, Priroda, Vol XLVII, No 6, 1960, pp 232-236.

JPRS 6837

The Survival of Airborne Microorganisms, by Jan Hemmo Hemmes, (SF-1697). DUTCH, bk, De Overleving van Microorganismen in Lucht, 1959, pp 1-130.

\*JPRS

Radiation-Induced Mutations and Plant Breeding, by F. Scholz, 24 pp.

GERMAN, per, Atompraxis, Vol V, 1959, pp 475-481.

AEC NP-Tr-443

Eighty Years of the Plant Protection Research Institute, by Gabor Ubrizsy, 8 pp.

HUNGARIAN, per, Magyar Tudomány, Vol V, No 12, 1960, pp 737-742.

JPRS 6880

Scientific  
Chemistry

Refractometry and Chemical Structure,  
by S. S. Batsanov, 224 pp.  
RUSSIAN, bk.

CB

Fourth Soviet Conference on  
Electrochemistry.  
RUSSIAN, bk, Vol I-III, 300 pp each.

CB

Separation of Strontium From Calcium  
by Ion-Exchange in the Presence of  
Complex III, by O. Budevski, N.  
Krasnobayeva, 6 pp.  
RUSSIAN, per, Dok Bolgarskoy Ak Nauk,  
Vol XIII, No 1, 1960, pp 67-70.

JPRS 4444

Chief Rat Poisons, Precautionary  
Measures and Emergency Aid in Cases  
of Poisoning, by A. L. Yefimov,  
(SF-1592).  
RUSSIAN, per, Fel'dsher i Akusherka,  
No 1, 1960, pp 25-30.

\*JPRS

The Toxicology of Certain Substances  
Used in the Production of Synthetic  
Polymers, by M. L. Rylova.  
RUSSIAN, per, Gig i San, No 8, 1960,  
pp 74-79.

\*AEC

Synthesis and Properties of Dimethyl-  
Substituted Alkanes of C12-C16 Composition.  
RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim  
Nauk, No 8, 1959, pp 1421-1424. 9660219

ATIC MCL-453/V

Investigation of Vapor Adsorption on  
Adsorbents With Heterogeneous Surfaces,  
by M. M. Dubinin, Ye. G. Zhukovskaya,  
Ye. D. Zaverina, I. Ye. Neymark, R. Yu.  
Sheynfayn, 29 pp.  
RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim  
Nauk, No 4, 1960, pp 588-598.

JPRS 7497

Effect of Fillers on the Radiation Resistance  
of Plasticized Polyvinylchloride, by L. P.  
Yanov, M. S. Monastyrskaya, S. A. Pavlov,  
T. T. Gorbato, (NY-5986).  
RUSSIAN, per, Iz Vysshikh Ucheb Zaved --  
Tekh Leg Prom, No 4, 1960, pp 46-52.

\*JPRS

Scientific  
Chemistry (Contd)

The 25th Anniversary of the Laboratory of Surface Phenomena of the Institute of Physical Chemistry, USSR, by N. N. Zakhavayeva, (SF-1652).

RUSSIAN, per, Kolloid Zhur, Vol XXII, No 4, 1960, pp 506-511.

\*JPRS

Conference on the Strength of Polymers and Polymeric Materials, by G. M. Barmenev, V. L. Anulov, 8 pp.

RUSSIAN, per, Plasticheskiye Massy, No 8, 1960, pp 69-71.

JPRS 7476

Spectrophotometric Study of the Nitrate Complexes of Plutonyl, Part I. Acetone, by V. M. Vdovenko, et al.

RUSSIAN, per, Radiokhim, No 3, 1960, pp 301-306.

\*UK Atomic Energy Authority,  
Risley

Spectrophotometric Study of the Nitrate Complexes of Plutonyl. Part II. Dibutyl Ether, by V. M. Vdovenko, et al.

RUSSIAN, per, Radiokhim, No 3, 1960, pp 307-311.

\*UK Atomic Energy Authority,  
Risley

Neptunyl Trinitrate, by V. M. Vdovenko, et al.

RUSSIAN, per, Radiokhim, No 3, 1960, pp 312-314.

\*UK Atomic Energy Authority,  
Risley

Oxalate Compounds of Np(IV), by P. I. Kondratov, et al.

RUSSIAN, per, Radiokhim, No 3, 1960, pp 315-319.

\*UK Atomic Energy Authority,  
Risley

Plutonyl in Nitric Acid, Part III. Stability, by V. D. Nikol'skiy, et al.

RUSSIAN, per, Radiokhim, No 3, 1960, pp 320-329.

\*UK Atomic Energy Authority,  
Risley

Theory of the Glass Electrode and Certain Questions on the Chemistry of Glass, by M. M. Shul'ts, (NY-5995).

RUSSIAN, per, Vest Lenin U. -- Ser Fiz i Khim, Vol XV, No 22, 1960, pp 40-48.

\*JPRS

Scientific  
Chemistry (Contd)

The Explosiveness of Ozone-Oxygen  
Gaseous Mixtures in Metallic Containers,  
by B. V. Strakhlov, V. P. Lebedev.  
RUSSIAN, per, Vest Moskov U. Seriya II,  
Khim, No 4, 1960, pp 19, 20.

\*ATIC MCL-854/1

Selected Articles From the Soviet Periodical  
Zashchita Rasteniy ot Vrediteley i Bolezni.  
Vol VI, No 1, 1961.

First Experience With a New Method, by  
G. Kh. Azaryan, (pp 3-6), (NY-6026).

\*JPRS

At the VDNKh USSR, (pp 10-14), (NY-6026).

\*JPRS

Organophosphorus Insecticides, by P.  
V. Popov, (pp 37-40), (NY-6026).

\*JPRS

Forecast for 1961, by I. Ya. Polyakov,  
(pp 41, 42).

\*USDA

At the Section of Agricultural Entomology  
at the 11th International Entomological  
Congress, by V. V. Yakhontov, (pp 59-62),  
(NY-6026).

\*JPRS

Electrochemical Behavior of Titanium  
Carbide in a Chloride Fusion, by M. V.  
Smirnov, Yu. N. Krasnov.  
RUSSIAN, per, Zhur Neorgan Khim, Vol V,  
No 6, 1960, pp 1241-1247, 9660214.

ATIC MCL-755/2

On the Difficult Complex Formation in a  
Quaternary Reciprocal System Consisting  
of Lithium, Sodium, and Potassium Chlorides  
and Sulfates, by E. K. Akopov, A. G.  
Bergman.  
RUSSIAN, per, Zhur Neorgan Khim, Vol V,  
No 6, 1960, pp 1257-1266, 9660214.

ATIC MCL-755/2

Reaction of  $\text{BaCO}_3$  With  $\text{TiO}_2$  and  $\text{ZrO}_2$   
Upon Heating, by N. B. Karpenko, E. K.  
Keler.  
RUSSIAN, per, Zhur Neorgan Khim, Vol V,  
No 6, 1960, pp 1267-1282, 9660214.

ATIC MCL-755/2

Scientific  
Chemistry (Contd)

Tantalum -- Rhenium System, by M. A. Tylkina, I. A. Tsuganova, M. A. Savitskiy.

RUSSIAN, per, Zhur Neorgan Khim, Vol V, No 8, 1960, pp 1905-1907.

\*AEC

Cermets, by A. I. Avgustinik, 62 pp.  
RUSSIAN, per, Zhur Vses Khim Obshch imeni D. I. Mendeleev, Vol V, No 2, 1960, pp 156-168.

JPRS 7201

Trends in Soviet Insecticide Research, by N. N. Mel'nikov, 28 pp.  
RUSSIAN, per, Zhur Vses Khim Obshch imeni D. I. Mendeleeva, Vol V, No 3, 1960, pp 242-249.

JPRS 7775

Organophosphorus Insecticides, by N. N. Mel'nikov, 42 pp.  
RUSSIAN, per, Zhur Vses Khim Obshch imeni D. I. Mendeleeva, Vol V, No 3, 1960, pp 275-285.

JPRS 7775

Chief Means of Applying Pesticides, by S. F. Bezuglyy, 34 pp.  
RUSSIAN, per, Zhur Vses Khim Obshch imeni D. I. Mendeleeva, Vol V, No 3, 1960, pp 298-306.

JPRS 7775

Tasks of the All-Union Chemical Society imeni D. I. Mendeleev in Fulfilling the Decisions of the July 1960 Plenum of the Central Committee CPSU, by I. P. Losev, 7 pp.  
RUSSIAN, per, Zhur Vses Khim Obshch imeni D. I. Mendeleeva, Vol V, No 5, 1960, pp 1-7, [?].

JPRS 4391

Review of Mineralogical Chemistry of Radioactive Elements, by Ko Shu-hua, 5 pp.  
CHINESE, per, Hua-hsueh T'ung-pao, No 1, 1960, pp 49-50.

JPRS 4465

New Method for Manufacture of Polyacrylonitrile Synthetic Fibers, 6 pp.  
CHINESE, per, Hua-hsueh T'ung-pao, No 2, 1960, pp 14, 15.

JPRS 4465

Scientific  
Chemistry (Contd)

Quantitative Spectrum Analysis of Trace  
Hafnium in Zirconium Oxide, by Ch'en Ken-ju,  
9 pp.

CHINESE, per, Hua-hsueh T'ung-pao, No 3,  
1960, pp 37-39.

JPRS 4465

A Method for Removing Sap From Cotton  
Stalk Bark, 4 pp.

CHINESE, per, K'o-hsueh Hsin-wen, No 13,  
21 May 1959, pp 21, 22.

JPRS 7721

Reagents to De-Absorb the Surface of  
Minerals by Supersonic Method, by Li  
Ming-te, 3 pp.

CHINESE, per, K'o-hsueh Hsin-wen, No 42,  
28 Dec 1959, p 15.

JPRS 7462

Selected Articles From the Chinese  
Periodical K'o-hsueh T'ung-pao.

No 7, 12 Apr 1958, pp 214, 215, (SF-1603).

\*JPRS

Precipitation Condition and Dehydration  
Temperature of Yellow Molybdic Acid, by  
Ku I-tung, Hsu Ju-jen.

No 8, 27 Apr 1958, (SF-1601).

\*JPRS

Leap Forward Plan of the Fibrin  
Chemistry Laboratory, (pp 225, 226).

Leap Forward Plan of the Inorganic  
Chemistry Laboratory, (pp 226, 227).

Leap Forward Plan of the Physical  
Chemistry Laboratory, (pp 227, 228).

Leap Forward Plan of the First Division  
of the Analytical Chemistry Laboratory,  
(pp 228, 229).

No 7, 11 Apr 1960.

Rearrangement (Isomerization) of Free  
Radicals in Solution, by Liu Yu-ch'eng,  
Wu Hsuan-ch'ih, Yen Wen-li, 4 pp. (pp 215, 216).

JPRS 4465

Studies on the Superiority of Organic  
Fertilizer, Part I, by Ch'en En-feng,  
(pp 220, 221), (SF-1649).

\*JPRS



Scientific  
Chemistry (Contd)

The Development of Steroid Chemistry  
in China During the Past Decade, by  
Huang Ming-lung, 24 pp.  
CHINESE, per, Yao-hsueh Hsueh-pao,  
Vol VIII, No 1, 1960, pp 1-14.

JPRS 7177

A Laboratory Tubular Film-Type  
Evaporator, by Wang Hsien-kai, 7 pp.  
CHINESE, per, Yao-hsueh Hsueh-pao,  
Vol VIII, No 1, 1960, pp 57-60.

JPRS 7177

The Chromatography of Alipatic Isomers.  
I. The Relationship Between the Dipole  
Moment and the R<sub>F</sub> Value of Benzene  
Derivatives, by Jaroslav Franc, Josef Latinak,  
17 pp.  
CZECH, per, Chem Listy, Vol XLIX, 1955,  
pp 317-324.

AEC UCRL-Trans-569(L)

Stabilization Properties of Cellulose  
Nitrate, by F. Krejci, 9 pp.  
CZECH, per, Chem Prumysl, No 3, 1960,  
pp 123-126.

ACSI H-8305  
ID 2161137

Oscillopolarographic Determination of  
Contamination in Foodstuffs in Czecho-  
slovakia, by V. Jedlicka, A. Pasek,  
(SF-1626).  
CZECH, per, Chemicke Zvesti, Vol XIV,  
No 11, 12, 1960, pp 757-761.

\*JPRS

Oscillopolarographic Study of Barbiturates  
in Czechoslovakia, by J. Prokes, F. Vorel,  
(SF-1626).  
CZECH, per, Chemicke Zvesti, Vol XIV, No 11,  
12, 1960, pp 818-821.

\*JPRS

Electrochemistry -- Measurements of  
Electromotive Forces in Liquid Ammonia,  
by G. I. Costeanu, 3 pp.  
FRENCH, per, Comptus Rendes, Vol CXCIV,  
1932, pp 778-779.

AEC Tr-4261

The Effect of Thermal Treatment on the  
Properties of Sintered Beryllium Oxide  
of Various Densities, Irradiated by Neutrons,  
by J. Elston, C. Gewiss, C. Labbe, 4 pp.  
FRENCH, per, Comptus Rendes, Vol CCXLIX,  
1959, pp 1653-1657.

AEC DEG-Inf Ser-104

Scientific  
Chemistry (Contd)

Kinetics of the Thermal Dissociation  
of Hydrates of Aluminum, by C. Eyraud,  
R. Goton.

FRENCH, per, J Chim Phys, Vol LI, 1954,  
pp 430-433.

\*AEC

Procedure for Impregnation of Graphite  
or Carbon Pieces With Condensation  
Products of Tar and Furan Derivatives,  
With Applications.

FRENCH, Patent No 1169208, 24 Dec 1958.

\*AERE, Harwell

The Practical Hygenic Significance of Tri-  
and Perchloro-Ethylene, by Etienne Grandjean.  
GERMAN, bk, Die Arbeitshygienische Bedeutung  
von Tri-und Perchlorathylen.

\*AEC

Formation and Cleavage of  $\beta$ -Hydroxy- $\alpha$  Amino  
Acids: the Synthesis of Hydroxyleucine, by  
T. Wieland, H. Cords, E. Keck, 17 pp.

GERMAN, per, Chem Ber, Vol LXXXVII, No 9,  
1954, pp 1312-1318.

NIH 12-16-60

Physical and Economic Problems Involved in  
the Transport of Solid Particles by Liquids  
and Gases, by W. Barth.

GERMAN, per, Chem-Ing-Tech, Vol XXXII,  
No 3, 1960, pp 164-170.

Dept Int  
TN7 E57 No 344

Present and Prospective Future Developments  
of Selcion Chemistry, by Von Richard Muller,  
21 pp.

GERMAN, per, D. Vortrage Uber Chemie der  
Plaste, No 10, 1960.

ACSI H-7659  
ID 2156408

Separation of Strontium-90 From Solutions,  
by K. H. Lieser, W. Hild.

GERMAN, per, Naturwissenschaften, Vol XLVI,  
1959, p 599.

\*AEC

Properties of Unalloyed and Alloyed Steels  
Produced by the "LD" Oxygen-Top-Blowing  
Process, by S. Ammareller, W. Knorr.

GERMAN, per, Stahl und Eisen, 13 Oct 1960,  
pp 1417-1423.

HB 5014

Scientific  
Chemistry (Contd)

Investigation of Effect of Gas Upon the  
Reduction of Iron Oxides, by H. Schenck,  
J. Cloth.

GERMAN, per, Stahl und Eisen, No 22,  
27 Oct 1960, pp 1453-1457.

HB 4942

A New Rapid Method for Determining  
Thorium in the Presence of Zirconium,  
Iron, Lanthanum, Uranium, and Other  
Heavy Metals, by R. Pribil, K. Burger.  
GERMAN, per, Talanta, Vol IV, No 1,  
1960, pp 8-12.

\*AEC

Heat Content and Lattice Structure  
of Active Magnesium Oxide, by H.  
Fricke, J. Luke.  
GERMAN, per, Z fuer Elektrochemie, Vol XLI,  
No 3, 1935, pp 174-183.

AEC NP-Tr-292

Etching Test With Gallium Arsenide, by  
Hans Achim Schell, 6 pp.

GERMAN, per, Z. fuer Metallkunde, Vol  
XLVIII, No 4, 1957.

ACSI H-8086  
ID 2158079

Radio-Mimetic Compounds, by Dr. Sandor  
Igali, (SF-1656).  
HUNGARIAN, per, Elet es Tudomany, Vol XVI,  
No 8, 1961, pp 232-235.

\*JPRS

Results of Research on Manganese-Zinc  
Ferrites in Hungary, by Balazs Pataki, 6 pp.  
HUNGARIAN, per, Magyar Híradástechnika,  
Vol XI, No 3, Jun 1960, pp 104-107.

JPRS 6845

Status and Development Trends in Analytical  
Chemistry, by Laszlo Erdey, 18 pp.  
HUNGARIAN, per, A Magyar Tudományos Akademia  
Kémiai Tudományok Osztályának Közleményei,  
Vol XIV, No 2, 1960, pp 213-226.

JPRS 6579

Sensitisation of Gelatin Dynamites by  
Means of Inert Additives, by L. Avogadro,  
8 pp.

ITALIAN, per, Ann Chim (Rome), Vol XLIX,  
1959, pp 352-357.

AEC AWRE-Trans-11

Scientific  
Chemistry (Contd)

Reaction of Oxidation of Drying Oils  
Under Monomolecular Layers, by A. G.  
Nasini, P. Ghera.

ITALIAN, per, Atti del X<sup>o</sup> Congresso  
Internazionale di Chimica, Vol IV,  
1938, pp 236-249.

\*NRL

The Aluminium Electrode in Potentiometry,  
by E. Scarano, 10 pp.  
ITALIAN, per, Gazz Chim Ital, Vol LXXXVIII,  
1958, pp 1195-1201.

AEC IG-Inf-Ser-73

Properties of Beta-Heat Treated Uranium Rod:  
Studies on Uranium Fuel Element (5), by K.  
Taketani.

JAPANESE, per, J of the Atomic Energy Society  
of Japan, Vol II, No 1, 1960, pp 6-14.

\*AEC

On the Denaturation of  $\beta$ -Lacto Globulin by  
Ultra-Violet Light (Part I), by S. Sakamura,  
Y. Obata.

JAPANESE, per, Nihon Nogei Kagaku-Kai Shi,  
Vol XXXII, No 9, 1958, pp 667-670.

\*AERE, Harwell

Oxidation Reactions in Monomolecular Layers  
of Unsaturated Fatty Acids, by Keiichi Eda.  
JAPANESE, per, Nippon Kagaku Zasshi, Vol LXXIII,  
No 4, 1952, pp 260-263.

Navy 2752/NRL 834

On the Thermal Expansion of Graphite, by  
E. Matsuyama.

JAPANESE, per, Tanso, Vol VII, 1958,  
pp 12-15.

\*AERE, Harwell

Rumania: Experimental Data on the Toxicity  
of 'Cebetox' Insecticide, by Dr. V. Pislaru,  
(SF-1708).

RUMANIAN, per, Igiena, Vol X, No 1, 1961,  
pp 27-30.

\*JPRS

Scientific  
Electricity

Synthetic Piezoelectric Materials, by  
Rudolph Svoboda, Jan Tichy, 18 pp.  
CZECH, per, Slaboproudy Obzor, Vol XXI,  
No 2, 1960, pp 66-72.

USASIA H-6639

The Annual Meeting of the Danish Association  
of Electric Power Plants, by E. Erichsen,  
7 pp.  
NORWEGIAN, per, Elektro-Teknisk-Tidsskrift,  
Vol LXXIII, No 25, 1960, pp 418-420. (Call  
No TK4, E48, Eng Tr).

AMS

Electronics

Descriptions and Instructions for Marker  
Beacon MRM-48.  
RUSSIAN, bk, Opisaniye i Instruksiya  
Markernogo Radiomayaka Tipa "MRM-48",  
pp 1-67.

\*ATIC MCL-861/1

Semiconductor Triodes and Diodes (A  
Manual), by I. F. Nikolayevskiy (El);  
K. M. Brezhneva, I. B. Ivanova, et al,  
(NY-6100).  
RUSSIAN, bk, Poluprovodnikovyye Triody  
i Diody, Spravochnik, 1961, pp 1-312.

\*JPRS

Radiowave Propagation and the Ionosphere,  
by Ya. L. Al'pert, (NY-6061).  
RUSSIAN, bk, Rasprostraneniye Radiovoln  
i Ionosfera, Moscow, 1960, pp 1-480.

\*JPRS

Scientific  
Electronics (Contd)

Selected Articles From the Russian Book  
Tsifrovaya Tekhnika i Vychislitel'nyye  
Ustroystva, 1959.

JPRS 7491

A 4096-Number Ferrite Storage Unit,  
by Yu. N. Glukhov, V. I. Zolotarevskiy,  
M. A. Kartsev, V. P. Konstantinov,  
R. P. Shidlovskiy, 33 pp, (pp 5-27).

A Checking Device for the Preparation  
and Tuning of a Ferrite Memory, by L.  
V. Ivanov, Ye. N. Filinov, 20 pp,  
(pp 28-41).

Use of a Junction-Transistor Dynamic  
Trigger in Arithmetic-Unit Circuits,  
by A. N. Chernov, 23 pp, (pp 42-56).

The Use of Surface-Barrier Transistors  
in Circuits With Direct Coupling, by N.  
A. Dorokhova, A. B. Zalkind, 14 pp,  
(pp 57-65).

A Transistorized Digital Frequency Meter,  
by A. L. Zalkind, L. Ya. Chumakov, 12 pp,  
(pp 66-73).

The Investigation of Technological Spread  
in Transistor Parameters, by O. V. Mamontov,  
18 pp, (pp 74-86).

On the Instability of the Characteristics  
and Parameters of Transistors, by O. V.  
Mamontov, 11 pp, (pp 87-93).

The Stability of Electronic Simulator  
Circuits With Direct-Current Amplifiers,  
by N. N. Lenov, 34 pp, (pp 94-115).

Solution of Electrical-Engineering Problems  
on Electronic Computers, by Z. B. Golembo,  
18 pp, (pp 116-127).

Calculation of Mutual- and Self-Impedances  
of Complex Electrical Circuits With the  
Aid of Digital Computers, by Z. B. Golembo,  
A. L. Brudno, M. M. Vladimirova, 15 pp,  
(pp 128-136).

Scientific  
Electronics (Contd)

Selected Articles From the Russian Book  
Tsifrovaya Tekhnika i Vychislitel'nyye  
Ustroystva, 1959.

JPRS 7491

Computation of Reactive-Power Distribu-  
tion in Long-Distance Power Transmission  
by Means of Electronic Digital Computers,  
by Z. B. Golembo, I. A. Bochek, 21 pp,  
(pp 137-149).

Conversion of Continuous Electrical  
Quantities Into Digital Code, by M. G.  
Reynberg, 28 pp, (pp 150-167).

A High-Speed Electrostatic Printing  
Device, by M. A. Kartsev, V. D. Knyazev,  
V. P. Kuznetsova, 5 pp, (pp 175-178).

A Single-Transistor Ferrite-Transistor  
Trigger, by M. G. Reynberg, V. A.  
Tret'yukhin, 5 pp, (pp 179-182).

A Ferrite-Transistor Trigger Decade  
Counter, by E. I. Galynker, 4 pp,  
(pp 183-185).

The Theory of Dual Control, Part 1., by  
A. A. Fel'dbaum.  
RUSSIAN, per, Avtomat i Telemekh, Vol XXI,  
No 9, 1960, pp 1240-1248.

Interntl Phys Index  
Automation Express  
Vol III, No 5

An Approximate Computation of the Transient  
Responses in a Circuit Containing a Semicon-  
ductor Thermistor, by N. P. Udalov.  
RUSSIAN, per, Avtomat i Telemekh, Vol XXI,  
No 9, 1960, pp 1323-1325.

Interntl Phys Index  
Electronics Express  
Vol III, No 5

On the Synthesis of Control Programs  
in Systems Incorporating a Digital  
Computer, by P. F. Klubnikin.  
RUSSIAN, per, Avtomat i Telemekh,  
Vol XXI, No 11, 1960, pp 1554-1559.

Interntl Phys Index  
Automation Express  
Vol III, No 5

On the Synthesis of Self-Correcting  
Contact Networks, by Yu. G. Potapov,  
S. V. Yablonskiy.  
RUSSIAN, per, Dok Ak Nauk, Vol CXXXIV,  
No 3, Sep 1960, pp 544-547.

Interntl Phys Index  
Automation Express  
Vol III, No 5

Scientific  
Electronics (Contd)

Estimating the Error in Solving the  
Equations of Motion for DC and AC  
Electromagnetic Mechanisms, by V. B.  
Gogolevskiy,  
RUSSIAN, per, Iz Ak Nauk, Otdel Tekh  
Nauk, Energetika i Avtom, Vol V,  
Sep/Oct 1960, pp 142-145.

Internatl Phys Index  
Automation Express  
Vol III, No 5

Invariance as a Principle for Designing  
Multiloop Self-Adaptive Systems, by P. I.  
Chinayev,  
RUSSIAN, per, Iz Ak Nauk, Otdel Tekh  
Nauk, Energetika i Avtom, No 4,  
Jul/Aug 1960, pp 167-170.

Internatl Phys Index  
Automation Express  
Vol III, No 5

Determination of the Domain of  
Convergence of Multiple Bower Series,  
by E. A. Asadullin, 8 pp.  
RUSSIAN, per, Iz Vysshikh Ucheb Zaved,  
Matemat, No 4 (11), 1959, pp 21-26.

MDF A-144

Small-Size Gyroscopic Recorders of the  
Rolling of Ships, by P. A. Il'in, 13 pp.  
RUSSIAN, per, Iz Vysshikh Ucheb Zaved,  
Priborostroyeniye, Vol III, No 3, 1960,  
pp 66-73.

JPRS 7582

Survey of the Present State of Research  
on the Propagation of Super Long Electro  
Magnetic Waves, by S. V. Borodina.  
RUSSIAN, per, Iz Vysshikh Ucheb Zaved,  
Radiofiz, 1960, pp 5-32.

Navy 2742/ONI 847

Thermoelectric Cooling of Photomultipliers,  
by Ye. A. Kolenko, Kh. V. Protopopov, et  
al.  
RUSSIAN, per, Pribery i Tekh Eksper, No 3,  
1959, pp 140-142. 9660210

ATIC MCL-353/III

Checking the Applicability of the Probe  
Method to the Measurements of the Charge  
Concentration in a High-Frequency Discharge,  
by S. M. Levitskiy, I. P. Shashurin, 10 pp.  
RUSSIAN, per, Radiotekh i Elektron, Vol IV,  
1959, pp 1238-1243.

AWC Tr-4277



Scientific  
Electronics (Contd)

New Method of Measuring the Width of the  
Absorption Curve in Ferrites, by V. Ya.  
Anton'yants, 4 pp.  
RUSSIAN, per, Radiotekh i Elektron, Vol V,  
No 1, 1960, pp 167-169.

MDF A-148

Optimal Detection of Signals in Noise of  
Unknown Intensity, by S. E. Fal'kovich.  
RUSSIAN, per, Radiotekh i Elektron, Vol V,  
No 9, 1960, pp 1539-1541.

Interntl Phys Index  
Automation Express  
Vol III, No 5

Parametric Phenomena in Wave Systems  
With Long Electron Beams, by E. K. Akulina,  
S. A. Akhmanov, S. D. Gvozdover.  
RUSSIAN, per, Radiotekh i Elektron,  
Vol V, No 10, 1960, pp 1736-1739.

Interntl Phys Index  
Electronics Express  
Vol III, No 5

Microwave Propagation on Mountain  
Long-Range Routes, by V. N. Troitskiy,  
(NY-6002).  
RUSSIAN, per, Radiotekh i Elektron, No 12,  
1960, pp 1919-1924.

\*JPRS

First Symposium on Autoelectronic Emission,  
by V. A. Gor'kov, 10 pp.  
RUSSIAN, per, Radiotekh i Elektron, Vol V,  
No 12, 1960, pp 2069-2073.

JPRS 4453

Electronic Photoflash Lamps, 4 pp.  
RUSSIAN, per, Svetotekhnika, No 8,  
1960, p 32.

JPRS 7856

Stroboscopic Electronic Lamps  
(Strobotrons), 5 pp.  
RUSSIAN, per, Svetotekhnika, No 9,  
1960, pp 31, 32.

JPRS 7856

A Device For Measuring the Flame  
Temperature by the Intensity of Spectral  
Lines, by V. V. Dandyba, L. M. Kutsyna.  
RUSSIAN, per, Trudy Komis Po Pirometrii  
Pri Vses M.-I In-Te Metrol, No 1, 1958,  
pp 69-76.

\*AFIC MCL-875/1

Scientific  
Electronics (Contd)

On a Paradox in the Theory of Thermal Fluctuations in Nonlinear Resistances, by R. L. Stratonovich.  
RUSSIAN, per, Vest Moskov Gos Univ, Ser Fiz, Astron, No 4, Jul/Aug 1960, pp 99-102.

Interntl Phys Index  
Electronics Express  
Vol III, No 5

The Use of Electromagnetic Wave in a Waveguide for Division of an Electron Beam at the Output of a Linear Accelerator, by A. I. Zykov.  
RUSSIAN, per, Zhur Tekh Fiz, Vol XXX, No 8, 1960, pp 971-974.

Interntl Phys Index  
Physics Express  
Vol III

Communications in the Bulgarian People's Republic Since 9 September 1944, by P. Baykushev, 13 pp.  
BULGARIAN, per, Poshtenets, Vol X, No 9, 1959, pp 2-7.

USASIA Tr-1121

New Organization of Interlocality T and T Networks, by Iv. Angelov, 4 pp.  
BULGARIAN, per, Poshtenets, Vol X, No 9, 1959, pp 14, 15.

USASIA Tr-1122

Information on a Radio Set, (NY-6082).  
CHINESE, monograph, pp 33-40.

\*JPRS

The Status of Television Engineering in the German Democratic Republic, 4 pp.  
CZECH, per, Sdelovaci Technika, Vol VII, No 8, 1959, p 297.

USASIA H-6610-A

The OPD 250 Slow Time Base Oscillograph, by Lubomir Jiricek, 4 pp.  
CZECH, per, Sdelovaci Technika, No 12, 1959, p 462.

USASIA H-6614-B

The Soviet K60 Sixty-Channel Equipment of Carrier Telephony, 5 pp.  
CZECH, per, Sdelovaci Technika, Vol VIII, No 2, 1960, pp 45, 46.

USASIA H-6616-A

Color Television in the USSR, by Gustav Taus, 6 pp.  
CZECH, per, Sdelovaci Technika, Vol VIII, No 2, 1960, p 52.

USASIA H-6616-B

Scientific  
Electronics (Contd)

Production of Millimicrosecond Pulses  
With Amplitudes Up to 30 KV, by K.  
Kult, 10 pp.  
CZECH, per, Slaboproudy Obzor, No 19,  
May 1958, pp 292-295.

ACSI H-6934  
ID 2156390

Dynamic Characteristics of Junction  
Transistors in Pulse Operation, by  
Karoslav Budinsky, 21 pp.  
CZECH, per, Slaboproudy Obzor, Vol XX,  
No 12, 1959, pp 747-753.

USASIA H-6637-A

Twenty Years of Production of Czechoslovak  
High-Frequency Equipment (Carrier Telephone  
Equipment) for Power Plants, by Ladislav  
Postler, 5 pp.  
CZECH, per, Slaboproudy Obzor, Vol XX,  
1959, pp 777-779.

USASIA H-6637-B

Introduction of the Electronic Field Artillery  
Fire Computer (CETAC), by P. Naslin, 4 pp.  
FRENCH.

ACSI H-8383  
ID 2161154

Traffic Forecast and Use of the Operating  
Facilities in Telephone Centres, by J. M.  
Rouault, 6 pp.  
FRENCH, paper.

USASIA Tr-1114

The Telephone Cable Marseille -- Algiers,  
by M. Julien, 6 pp.  
FRENCH, paper.

USASIA Tr-1119

Some New Applications of the Electronic  
Microsonde of Casting and Their Practical  
Importance, by J. Philibert, H. Bizouard,  
23 pp.  
FRENCH, per, Les Memoires Scientifiques de  
La Revue de Metallurgie, No 2, Jul 1959,  
pp 187-199.

ACSI H-8044  
ID 2158058

Ten Years of PTT Service in the Department  
of Doubs Telecommunications, by M. L. Mangin,  
7 pp.  
FRENCH, per, Revue des Poste Telegraph Telephone  
de France, Vol XIV, No 3, May/Jun 1959, pp 23-27.

USASIA Tr-1118

Scientific  
Electronics (Contd)

The Penmarc'h -- Clarenville Transatlantic Telephone Cable, 4 pp.

FRENCH, per, Revue des Poste Telegraph Telephone de France, Vol XIV, No 6, Nov/Dec 1959, pp 11-14.

USASIA Tr-1124

Design and Technological Problems in Construction of Microturbo Generators for Dynamical AC Models, by H. Rachel. GERMAN, per, Deutsche Elektrotechnik, No 9, 1959, pp 346-349.

\*ATIC MCL-791/1

The Variode, a New Semiconductor Component, by G. Zielasek, 4 pp.

GERMAN, per, Elektronische Rundschau, Vol XIII, No 10, 1959, pp 378-381.

USASIA Tr-1112

Cylindrical Symmetrical Broadband Omnidirectional Antenna for High Bandpass Matching, by H. Meinke, 15 pp.

GERMAN, per, Nachrichtentechnische Z., No 4, 1960, pp 161-168.

ACSI H-7749  
ID 2152373

News and Brief Reports on Radio and Television Developments, 3 pp.

GERMAN, per, Radio und Fernsehen, No 6, 1960, p 166.

USASIA Tr-1123

Semiconductor Information; Characteristic Curves of the Transistors OC 822, OC 823, by Joachim Herrfurth, 4 pp.

GERMAN, per, Radio und Fernsehen, No 16, Aug 1960, pp 513-514.

ACSI H-8297  
ID 2161130

Technical and Operating Problems of Intervention, 9 pp.

GERMAN, per, Radio und Fernsehen, No 21, Oct 1960, pp 665, 666.

ACSI H-8299  
ID 2161132

Automatic Control of Radiometers, by Jiri Macku, 9 pp.

GERMAN, per, Z fuer Messen, Steurn, Regeln, Vol III, No 9, 1960, pp 395-398.

JPRS 7892

Scientific  
Electronics (Contd)

The Szentes IV-Transmitter, by Kovaloczy,  
11 pp.

HUNGARIAN, per, Magyar Híradásrechnika,  
No 3, 1960, pp 91-96.

ACSI H-8300  
ID 2161133

A Transistor Pulse-Height Discriminator,  
by L. Stanchi, 14 pp.

ITALIAN, per, Strumentazione e Automazione,  
No 6, 1959, pp 273-278.

AEC AERE-Trans-855

Telephone Transit Traffic Through the  
Territory of Poland, by N. Zdziech, S.

Szydlowski, 4 pp.

POLISH, per, Gospodarka Łączności, No 7,  
1958, pp 10, 11.

USASIA H-6803-B

Selected Articles From the Polish Periodical  
Przegląd Telekomunikacyjny.

Vol XXXI, No 6, 1958.

Resistance Meter for Determining  
Volume of Telephone Traffic, by  
Michał Rozycki, 10 pp, (pp 173-176).

USASIA H-6829-A

Germanium Photodiodes, by Jerzy Klamka,  
6 pp, (pp 180, 181).

USASIA H-6829-B

Vol XXXI, No 7, 1958.

The Idea of Telephone Development  
in Poland in the Long-Range Plan,  
by Alfred Jarmycki, 15 pp, (pp 189-194).

USASIA H-6830-A

Systems of Carrier Telephony for  
District Networks in Poland, by  
Andrzej Zamecki, 6 pp, (pp 212, 213).

USASIA H-6830-B

Vol XXXI, No 8/9, 1958, pp 221, 222.

USASIA H-6831

Ferrites in Poland, 1952-1957, by  
Aleksander Braginski, 5 pp.

Vol XXXI, No 10, 1958, pp 313-316.

USASIA H-6832

Carrier Telephone System for District  
Networks, by Andrzej Zamecki, 13 pp.

Scientific  
Electronics (Contd)

Selected Articles From the Polish Periodical  
Przegląd Telekomunikacyjny.

|                                                                                                                                                                                             |                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| Vol XXXII, No 2, 1959, pp 51-55.                                                                                                                                                            | USASIA H-6833  |
| Technical Training in the Field<br>of Electronics, by Jan Hennel, 11 pp.                                                                                                                    |                |
| Vol XXXII, No 3, 1959, pp 71-77.                                                                                                                                                            | USASIA F-6834  |
| Equipment for Relaying Local Incoming<br>Calls by Means of an Internal Telephone<br>Apparatus, by Jerzy Szczepanski, 13 pp.                                                                 |                |
| Vol XXXIII, No 2, 1960, pp 37-40.                                                                                                                                                           | USASIA H-6839  |
| Operation of Domestic Rectifiers<br>Stabilized at 50 V/100 A and 50 V/250 A<br>at the Power Plants of Telephone Exchanges,<br>by Wadisaw Arnold Trambinski, 10 pp.                          |                |
| RCA Microwave Net Facilitates Trans-Andian<br>Telephone Communications in Colombia, 2 pp.<br>SPANISH, brochure.                                                                             | USASIA Tr-1111 |
| Introduction of the "Ericofon" Into the<br>Swedish Telephone System, by Nils Tell,<br>15 pp.<br>SWEDISH, journal, 1959, pp 139-146.                                                         | USASIA H-6746  |
| AGA's TV Slave Transmitter in Visby Sweden,<br>by Denes Ilkovics, 12 pp.<br>SWEDISH, per, <u>AGA Journal</u> , No 79, Jul 1959,<br>pp 7-13.                                                 | USASIA H-6738  |
| Magnetic Tape Memory for the Sara Data<br>Computer, by Kurt Widin, C. E. Linkoping,<br>13 pp.<br>SWEDISH, per, <u>Teknisk Tidskrift</u> , Vol LXXXVIII,<br>No 44, 2 Dec 1958, pp 1175-1179. | USASIA H-6742  |
| Field Strength Measurements and Range<br>Determination for Radio Installations, by<br>O. G. Svard, N. Uhlen, 34 pp.<br>SWEDISH, per, <u>Tele</u> , No 1, 1959, pp 1-19.                     | USASIA H-6744  |

Scientific  
Engineering

Conference on Oceanographic Instruments,  
by N. N. Sysoyev.  
RUSSIAN, bk, Byul Okeanograficheskoy  
Komis pri Prezidiume Ak Nauk SSSR, Moscow,  
1960, pp 1-68.

\*Navy/HO-124

Calculating Devices in Automatic Systems,  
by A. A. Feldbaum.  
RUSSIAN, bk, Diodnyye Matritsy Diode  
Matrices, pp 198-202, 425-438, 481-484.

\*ACSI H-8646  
ID 2162133

Electro-Erosion Machining of Metals,  
by A. L. Livshits, 115 pp.  
RUSSIAN, bk, Elektroeroziennaya  
Obrabotka Metallov, Moscow, Meshgiz,  
1957, 119 pp.

Butterworth's London

Hydrography of the USSR, by L. K.  
Davydov.  
RUSSIAN, bk, Gidrografiya Rayonov, Chast II,  
Vol II, 1955, pp 321-389.

\*ACSI H-6346-B  
ID 2158092

An Investigation of the Deformation of  
Metal in Flange Passes, by P. I. Polukhin,  
V. T. Zhadan.  
RUSSIAN, bk, Obrabotka Stali i Splavov  
Sbornik XXXVI, Moskovskii .. Inst Stali  
imeni I. V. Stalina, Moscow, Metallurgizdat,  
1957, pp 196-227.

BISI 1877a

Chapter II. General Construction and  
Design Features of the More Important  
Special Assemblies and Mechanisms of  
Amphibious Vehicles, by M. G. Red'kin.  
RUSSIAN, bk, Obshcheye Vstroystvo i  
Konstruktivnyye Osobennosti Vazhneyshikh  
Spetsialnikh Agregatov i Mekhanizmov  
Plavayushchikh Mashin, pp 41-84.

\*ACSI H-8644  
ID 2162131

Basic Requirements for Planning and  
Conducting Operations on Thermal Strengthen-  
ing of Ground, by I. M. Litvinov, (SF-1590).  
RUSSIAN, brochure, Osnovnyye Trebovaniya k  
Proyektirovaniyu i Proizvodstvu rabot po  
Termicheskomu Ukrepleniyu Gruntov, 1959, pp 1-54.

\*JPRS

Scientific  
Engineering (Contd)

The Production of Steel and Castings  
in a Vacuum, by D. G. Lyubetskiy.  
RUSSIAN, bk, Proizvodstvo Stali i  
Otlivok v Vakuume, 1959, pp 67, 168-171.  
9660421.

ATIC MCL-633/III

Technology of Mechanical Processing of  
Aircraft Parts, by A. A. Zorokhovich,  
M. A. Kolosov.  
RUSSIAN, bk, Tekhnologiya Mekhanicheskoy  
Obrabotki Aviatsionnykh, Detaley, Moscow,  
1959, pp 26-29. 9659995

ATIC MCL-619/III

Gas Turbine, by N. Pokidov, 6 pp.  
RUSSIAN, per, Agitator, No 15, Aug 1960,  
pp 13-15.

JPRS 7764

Automotive Gas Turbine Engines, by Ye. G.  
Shumskiy, Ya. A. Dvigateli, 10 pp.  
RUSSIAN, per, Avtom Prom, No 11, 1958,  
pp 10-17.

ACSI H-4785-B  
ID 2164463

Surging in Air-Flow Systems, by V. A.  
Bodner, V. V. Kazakevich.  
RUSSIAN, per, Avtomat Upravleniye I  
Vychislitel' Tekh, No 3, 1960, p 445.

\*ATIC MCL-872/1

Design, Research, and Testing, by N. I.  
Borisov, A. D. Prosvirnin, 17 pp.  
RUSSIAN, per, Avtomobil' Prom, No 11,  
1960, pp 6-15.

ACSI H-8437  
ID 2161170

Centrifugal Pump for Amalgams, by  
L. I. Gel'man.  
RUSSIAN, per, Energomash, No 9, 1956,  
pp 23-25.

\*ATIC MCL-884/1

Scientific and Technical Conference on  
the Exchange of Know-How in Starting and  
Adjusting Gas Turbine, by Yu. P. Grachev,  
6 pp.  
RUSSIAN, per, Energomash, No 7, 1960, pp 27, 28.

JPRS 7764

Accumulation in Errors in a Nadir Point  
Triangulation Chain, 7 pp.  
RUSSIAN, per, Geodezist, No 9/10, 1932,  
pp 45-48.

JPRS R-110-N/52



Scientific  
Engineering (Contd)

The Basis of High-Precision Tachymetry,  
7 pp.

RUSSIAN, per, Geodezist, No 3/4, 1933,  
pp 94-98.

JPRS R-111-N/18

Damping of Accelerometers With  
Increased Natural Frequency, by A. I.  
Mironov, M. I. Subbotin.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel  
Tekh Nauk, Mekh i Mash, No 4, 1960,  
p 132.

\*ATIC MCL-876/1

Supersonic Flow Past the Angle of  
Incidence of "Delta" Wings and Elliptic  
Cones With Subsonic Leading Edges, by  
N. P. Korobeynikov, 16 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved,  
Aviat Tekh, No 1, 1960, pp 28-34.

JPRS 7479

Effect of Change in Weights and Aero-  
dynamic Characteristics of Construction  
on the Flying Weight of Flying Apparatus,  
by I. I. Drakin, 23 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved,  
Aviat Tekh, No 1, 1960, pp 52-62.

JPRS 7481

The Determination of the Thermal Stresses  
in a Conical Shell, by V. A. Sibiryakov,  
18 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved,  
Aviat Tekh, No 1, 1960, pp 72-82.

JPRS 7482

Certain Regularities in the Process of  
Heat and Mass Exchange During Evaporation  
Cooling of Strongly Heated Surfaces, by  
R. Z. Alimov, 23 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved,  
Aviat Tekh, No 1, 1960, pp 94-103.

JPRS 7483

Calculation of the Simplest Combustion  
Chamber, by K. P. Vlasov, 14 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved,  
Aviat Tekh, No 1, 1960, pp 104-110.

JPRS 7484

Scientific  
Engineering (Contd)

On the Problem of Using an Attenuation Switch on the "Kurs" Type Gyrocompass, by I. I. Degterev, 4 pp.  
RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Priborostroyeniye, Vol III, No 3, 1960, pp 74-76.

JPRS 7583

Complex Automation for Mines, by M. Matveyev, M. Sinitza, 6 pp.  
RUSSIAN, np, Pravda Ukrainy, 22 Nov 1960.

JPRS 7944

Perfecting the Operation of Conveyer Driers For Facing Tiles, by B. N. Gak.  
RUSSIAN, per, Steklo i Keramika, No 6, 1959, pp 13-17.

\*ATIC MCL-781/1

Studying the Cavitation of the Wheel of a Centrifugal Pump, by V. I. Dumov, M. A. Peshkin.  
RUSSIAN, per, Teploenergetika, No 12, 1959, pp 46-51.

\*ATIC MCL-885/1

Theoretical Experimental Investigation of the Pneumatic Drive of a Welding Machine, by I. I. Artobolevskiy, E. V. Kobrinskiy, 20 pp.  
RUSSIAN, per, Trudy Seminar po Tochnosti v Mashinostroyenii, Vol XIV, (56), 1954, pp 5-19.

MDF A-118

Drillers on the Frontiers of the Seven-Year Period, by M. Skibo, 4 pp.  
RUSSIAN, np, Turkmenskaya Iskra, 3 Dec 1960.

JPRS 7944

Experimental Investigation of the Characteristics of Pneumatic Jet Elements, by A. I. Semikov, 7 pp.  
RUSSIAN, per, Voprosy Pnevmo i Gid, 1960, pp 11-16.

ACSI H-8286  
ID 2161124

Investigation of the Characteristics of Pneumatic Chambers Used as Summation, by L. A. Zalmanzon, A. I. Semikov, 9 pp.  
RUSSIAN, per, Voprosy Pnevmo i Gid, 1960, pp 148-153.

ACSI H-8287  
ID 2161123

Scientific  
Engineering (Contd)

Scheme for Application of Pneumatic  
Extremum Regulator in Objects With  
Several Regulating Members, by A. A.  
Tagayevskaya, 4 pp.  
RUSSIAN, per, Voprosy Pnevmo i Gid,  
1960, pp 158-161.

ACSI H-8285  
ID 2161125

Development of Geodesy in the Bulgarian  
Academy of Sciences, by Vl. K. Khristov,  
5 pp.  
BULGARIAN, per, Izvestiya na Tsentralnata  
Laboratoriya po Geodeziya, Vol II, 1959,  
pp 1-6.

JPRS 7794

Pressure Changes in the Work Process  
Gas-Chamber of the Twin-Tank Internal  
Combustion Pump, by Kao Hsien-sheng,  
5 pp.  
CHINESE, per, K'o-hsueh Hsin-wen, No 6,  
26 Mar 1959, pp 23, 24.

JPRS 7756

Large-Scale Preparation of Ultra Pure  
Silicons, 5 pp.  
CHINESE, per, K'o-hsueh Hsin-wen, No 20,  
14 Jul 1959, pp 5, 6.

JPRS 7723

Science Commission Convenes Conference  
on Electron Analog Computer Technology,  
4 pp.  
CHINESE, per, K'o-hsueh Hsin-wen, No 28,  
14 Sep 1959, p 20.

JPRS 7728

Selected Articles From the Chinese Periodical  
Li-hsueh Hsueh-pao.

Vol I, No 2, May 1957, (DC-5510).

\*JPRS

On the Plane Potential Flow Past a  
Lattice of Curved Line Cascades, by  
Lin T'ung-chi, (pp 141-151).

On Two Variational Principles for the  
Natural Vibrations of Elastic Bodies,  
by Hu Hai-ch'ang, (pp 169-183).

Scientific  
Engineering (Contd)

Selected Articles From the Chinese Periodical  
Li-hsueh Hsueh-pao.

Vol I, No 2, May 1957, (DC-5510).

\*JPRS

The Effect of Shear Deformation on the  
Vibrations of Elastic Thin-Walled Beams,  
by Hu Hai-ch'ang, Chung Wan-hsieh,  
(pp 193-204).

Large Deflection of a Circular Clamped  
Plate Under a Linearly Varying Load,  
by P'an Li-chou, (pp 205-232).

Vol I, No 3, Aug 1957, (DC-5510).

\*JPRS

On the Variational Principles of  
Elasto-Plastic Bodies and Their  
Applications, by Chieh Pai-min,  
(pp 250-267).

Theoretical and Experimental Investiga-  
tion of the Stresses at the Rim of a  
Reinforced Circular Hole in a Flat Strip  
Under Tension, by Wang P'ei-sheng,  
(pp 268-287).

Oscillating Airfoil in Parallel Streams  
Separated by an Interface, by Lo Shih-chun,  
(pp 288-313).

On Improving a System of Automatic Con-  
trol of Relay Elements, by Chou Heng,  
(pp 314-336).

A Review on Engineering Seismology, by  
Cheng Che-min, (pp 337-350).

Vol I, No 4, Nov 1957, (DC-5510).

\*JPRS

Interstellar Astronautics, by  
Ch'ien Hsueh-sen, (pp 351-360).

The Effects of Surface Curvature on Laminar  
Boundary-Layer Flow, by P'an Liang-ju,  
(pp 361-378).

Scientific  
Engineering (Contd)

Selected Articles From the Chinese Periodical  
Li-hsueh Hsueh-pao.

Vol I, No 4, Nov 1957, (DC-5510).

\*JPRS

Bending of the Clamped Edged Anisotropic  
Rectangular Plates, by Chang Fu-fan,  
(pp 379-390).

A Simplified Method for the Calculation  
of Diffraction Problems, by Chang Hou-mei,  
(pp 416-422).

Vol II, No 4, Oct 1958, (NY-6010).

\*JPRS

Strive for a Big Leap Forward in  
Mechanics, (pp 283-297).

Column Analogy for Multi-Connected Rigid  
Frames, by Huang Yu-shan, (pp 298-307).

Thermal Stresses in Shells of Revolution  
of Variable Elastic Properties, by Chao  
Hui-yuan, (pp 308-320).

A Series of Channels in a Water-Impervious  
Layer of Finite Depth, by Ting Kuo-ch'iang,  
(pp 334-342).

The Flow of Underground Water Toward a  
Completed Well in a Water-Bearing Stratum,  
the Water-Permeability of Which Has Been  
Measured Intermittently in the Horizontal  
Direction, by Liu Tz'u-ch'un, (pp 344-352).

Selected Articles From the Chinese Periodical  
Shui-wen Yueh-k'an.

No 9, 15 Sep 1959.

JPRS 7678

Hydrological Work Concerning Flood  
Prevention in Medium and Small Scale  
Reservoirs, 25 pp, (pp 7-15).

Forecasting Methods Concerning Under-  
ground Water, by Mei K'uan-hsiang, 4 pp,  
(pp 20, 21).

Scientific  
Engineering (Contd)

Selected Articles From the Chinese Periodical  
Shui-wen Yueh-k'an.

No 2, 1960, (DC-5509).

\*JPRS

Introducing Some New Self-Propeller  
(Automatic) Design Instruments Made  
in China, by Li Chiu-ch'ang, (pp 36-39).

No 3, 1960, (DC-5509).

\*JPRS

Measuring Sand Content by Floating  
Weight Method, (pp 28-29).

Various Items Under Heading 'Experience  
Bits', (pp 38-39).

No 4, 1960, (DC-5509).

\*JPRS

Limnological Survey and the Relation  
of Its Standard to Hydrological  
Features, by Wang Hung-tao, (pp 8-10).

Mathematical Analysis Method of Annual  
Regulation Computations, by Yang Yuan-tung,  
(pp 16-20).

Slide Rule for Daily Water-Table Average,  
by Huang Yun-ts'ai, (pp 25-27).

Various Items Under Title 'Experience  
Bits', (pp 33-35).

No 5, 1960, (DC-5509).

\*JPRS

Various Items Under Heading 'Experience  
Bits', (pp 37-39).

The RE5XL Electron Tube and the Czechoslovak  
Patents Utilized in It, by Bohdan Klen, 5 pp.  
CZECH, per, Sdelovaci Technika, No 12, 1959,  
pp 448, 449.

USASIA H-6614-A

Electromechanical Differential Analyzer "Diana",  
by Jaroslav Tomasek, 24 pp.  
CZECH, per, Slaboprouty Obzor, Vol XXI, No 1,  
1960, pp 15-23.

USASIA H-6638

Scientific  
Engineering (Contd)

Experiences With Outdoor Model  
Tests in Hydraulic Engineering  
Projects, by M. Kuuskoski, 5 pp.  
FINNISH, per, Maa-ja Vesirakentaja,  
No 4, pp 50-54. (Call No EIF 361049,  
Eng Tr).

AMS

Excerpts From Capacitance Manometer  
for the Measurement of Rapidly Varying  
Pressures, by A. Moutet, 21 pp.  
FRENCH, rpt, Manometre a Capacite pour  
la Mesure des Pressions Rapidement  
Variables.

AEC SCL-T-311

Reactor Pressure Vessels, by R.  
Mattera.  
FRENCH, per, Bull Tech du Bureau  
Veritas, Vol XLIII, No 3, 1960, pp 37-59.

\*UK Atomic Energy Authority,  
Risley

The Treatment of Boiler Water and the  
Determination of Hydrogen in the Steam  
of the Benson Boilers and Drum Boilers  
of the Hamburg Electrical Power Plant,  
by Wilhelm Buhr, Kiekenberg.  
FRENCH, per, Centre Belge d'Etude et de  
Documentation des Eaux, Liege Bulletin,  
No 20, 1953-1954, pp 101-111.

Navy 2753/NRL 835

Hydro-Giant (2) Oil Hydraulic Axial  
Piston Units; Hydro-Stabil, 16 pp.  
GERMAN, bk, Hydro-Gigant (2) Oelhydraulik  
Axialkolben-Einheiten; Hydro-Stabil.

ACSI H-7750  
ID 2152374

Testing of Hard Foam Materials. Bending  
Test. German Industrial Standards: DIN  
53 423, 6 pp.  
GERMAN, rpt, Prufung von Harten Schaum-  
stoffen, Biegeversuch. Deutsche Industrie-  
Norm: DIN 53 423.

AEC SCL-T-320

Testing of Foam Materials: Determination  
of the Volumetric Weight. German Indus-  
trial Standards: DIN 53 420, 5 pp.  
GERMAN, rpt, Prufung von Schaumstoffen,  
Bestimmung der Rohdichte. Deutsche  
Industrie-Norm: DIN 53 420.

AEC SCL-T-319

Scientific  
Engineering (Contd)

Testing of Hard Foam Materials, Pressure Test. German Industrial Standards: DIN 53 421, 6 pp.  
GERMAN, rpt, Prufung von Harten Schaumstoffen, Druckversuch. Deutsche Industrie-Norm: DIN 53 421.

AEC SCL-T-324

Testing of Soft Elastic Foam Materials, Determination of the Pressure-Deformation Residue After a Constant Deformation. German Industrial Standards: DIN 53 572, 6 pp.  
GERMAN, rpt, Prufung von Weichelastischen Schaumstoffen, Bestimmung des Druck-Verformungsrestes nach Konstanter Verformung. Deutsche Industrie-Norm: DIN 53 572.

AEC SCL-T-321

Testing of Soft Elastic Foam Materials, Continued-Tearing Test. German Industrial Standards: DIN 53 571, 5 pp.  
GERMAN, rpt, Prufung von Weichelastischen Schaumstoffen, Weiterreissversuch. Deutsche Industrie-Norm: DIN 53 571.

AEC SCL-T-27

Testing of Soft Elastic Foam Materials, Tensile Test. German Industrial Standards: DIN 53 571, 6 pp.  
GERMAN, rpt, Prufung von Weichelastischen Schaumstoffen, Zugversuch. Deutsche Industrie-Norm: DIN 53 571.

AEC SCL-T-323

Process Concerned With the Operations of Gas Turbines, by Rudolf Walde, 4 pp.  
GERMAN, bk, Verfahren zum Betrieb von Gasturbinen, Patent No 357797.

ACSI H-8085  
ID 2158078

Uniform Presentation of Results of Impact Tests on Rails of Varying Section: Conclusions on Standard Requirements, by W. Janiche, W. Wink.  
GERMAN, per, Archiv Eisenhüttenwesen, Sep 1960, pp 521-530.

BISI 1950

Test Results on the First Coal-dust-Fired Hot-Air Turbine Installation Used for Current Generation and Heat Supply, by Karl Bammert, Curt Keller.  
GERMAN, per, Brennstoff-Waerme-Kraft, Vol XII, No 2, 1960, pp 62-64.

Dept Int  
TN7 E57 No 364



Scientific  
Engineering (Contd)

Non-Destructive Examination of  
Extreme Line Casing, by V. Hauk,  
K. Roether.

GERMAN, per, Erdol Z., Nov 1959,  
pp 436-438.

BISI 1878

Current Loss in Crooked Pipes, by  
H. Nippert.

GERMAN, per, Forschungsarbeiten auf  
dem Gebiete des Ingenieurwesens,  
No 320, 1929, 65 pp.

\*AEC

Pressure Drop in Curved Smooth Pipe  
Lines, by Hugo Richter.

GERMAN, per, Forschungsarbeiten auf  
dem Gebiete des Ingenieurwesens,  
No 338, 1930, 30 pp.

\*AEC

Interaction Between Tool and Workpiece  
Materials During the Cutting of Metals,  
by T. N. Loladse.

GERMAN, per, Industrie-Anzeiger,  
Vol LXXXI, 4 Aug 1959, pp 21-26.

BISI 1762

Ultrasonic Testing of Sheet, Plate,  
Welds and Tubing, by E. W. Grabendorfer,  
H. Weber.

GERMAN, per, Industrie-Anzeiger, Vol LXXXII,  
No 50, 21 Jun 1960, pp 775-780.

HB 4875

A Universal Ion-Electron Source for  
Van de Graaff Generators, by M. von  
Ardenne, S. Schiller, 22 pp.

GERMAN, per, Kernenergie, Vol II,  
1959, pp 893-899.

AEC NP-Tr-478

The Design of Thrust Bearings With  
Hydrodynamic Lubrication, by H.  
Drescher, 30 pp.

GERMAN, per, Konstruktion, Vol VIII,  
No 3, 1956, pp 94-104.

AEC IG-Inf-Ser-61

Testing of Hard Foam Materials,  
Shearing Test. German Industrial  
Standards: DIN 53 422, 4 pp.

GERMAN, per, Kunststoffe, Vol XLVII,  
1957, pp 31, 32.

AEC SCL-T-322

Scientific  
Engineering (Contd)

Navigation and Automation, by  
Mansfeld, 7 pp.

GERMAN, per, Nachrichtentechnik,  
No 11, 1959, pp 525, 526.

ACSI H-8390  
ID 2161160

A High Current Generator for Ion  
and Electron Beams, by H. Frohlich.  
GERMAN, per, Nukleonik, Vol I, No 4,  
1959, pp 14-19.

\*ATIC MCL-888/1

Organic Cooled and Moderated Reactor,  
by E. Moeck, 8 pp.  
GERMAN, Schiffbautechnik, No 3, 1960,  
pp 118-122.

Navy 2737/ONI 801

The Importance of Through Heating  
for the Construction and Operation of  
Pusher Furnaces, I, by F. Wesemann.  
GERMAN, per, Stahl und Eisen, 11 Mar 1937,  
pp 261-269.

BISI 1973a

The "Bunker on Wheels." A Study of  
Ore Transport by Rail From the Ship to  
the Blast Furnace, by G. Dilli.  
GERMAN, per, Stahl und Eisen, 23 Jul 1959,  
pp 1041-1057.

BISI 1587

The Determination of the Frictional  
Losses in Roll Neck Journals When Water  
Is Used as a Collant Lubricant, by  
E. Wenger.

GERMAN, per, Stahl und Eisen, Vol LXXIX,  
3 Sep 1959, pp 1263-1268.

BISI 1529

Testing of Lump Ores for Their Behavior  
in the Blast Furnace, by H. Birnbaum,  
L. Von Bogdandy, W. Janke.  
GERMAN, per, Stahl und Eisen, Vol LXXX,  
No 12, 1960, pp 781-788.

HB 4852

Continuous Furnaces for the Heat Treatment  
of Metals and Alloys in Vacuum, by H.  
Baumann, F. Krall.  
GERMAN, per, Stahl und Eisen, No 20,  
1960, pp 1337, 1338.

HB 5028

Scientific  
Engineering (Contd)

Study of Corrosion Damage in  
Slagging Furnaces, by K.

Baatz, K. Spaeh, H. W.

Thoenes.

GERMAN, per, Tech Ueberwachung,  
Vol I, No 4, 1960, pp 156-158.

Dept Int  
TN7 E57 No 362

Development of Coaldust-Fired  
Air Heater, by Karl Bammert.

GERMAN, per, VDI Zeitschrift,  
Vol C, No 20, 1958, pp 841-850.

Dept Int  
TN7 E57 No 363

Continuous Thickness Measurement  
During Rolling by Means of Radiation,  
by H. Hart.

GERMAN, per, Z. fuer Metallkunde,  
Feb 1960, pp 120-131.

BISI 1731

Problem in the Shielding of Marine  
Reactors, by Kurt Illies, Kurt  
Schleifenheimer.

GERMAN, per, Z. des Vereines Deutscher  
Ingenieure, Vol CI, No 32, 1959, pp 17-21.

Navy Tr 2744/ONI 713

Materials and Fields for Nuclear Power  
Plants on Ships, by Kurt Illies, Kurt  
Schleifenheimer.

GERMAN, per, Z. des Vereines Deutscher  
Ingenieure, Vol CI, No 32, 1959, pp 22-31.

Navy 2744/ONI 713

Development of Rot Resistant, Mold and  
Bacteria Resistant Paper, Boxes and  
Cardboard for Food Packaging, by H.  
Hentschel, 16 pp.

GERMAN, per, Zellstoff und Papier,  
Apr 1960, p 297.

ACSI H-8024  
ID 2156407

Training of Technological Engineers  
for the Field of Precision-Mechanics  
Optics and for the Electrical Industry,  
by W. Stoebel, 6 pp.

HUNGARIAN, per, Felsooktatasi Szemle,  
Vol IX, No 10, 1960, pp 646-649.

JPRS 6827

Scientific  
Engineering (Contd)

The Ion Rocket, by Erno Nagy,  
(SF-1657).  
HUNGARIAN, per, Fizikai Szemle,  
Vol XI, No 1, 1961, pp 3-12.

\*JPRS

Hungarian Pneumatic Analogue System  
Computer Unit, by Imre Szabo, (SF-1709).  
HUNGARIAN, per, Meres es Automatika,  
Vol IX, No 2, 1961, pp 57-61.

\*JPRS

Some New Type of Electric Arc. Part IV.  
Arcs With an Electrode Consisting of a  
Carbon Disc Rotating at High Speed,  
Partially Immersed in the Solution to  
be Examined and Part V. Arcs With an  
Electrode Consisting of One or More Metal  
Discs Rotating at High Speed, by M.  
Pierucci, L. Barbanti-Silva, 14 pp.  
ITALIAN, per, Nuovo Cimento, Vol XVII,  
No 8, 1940, pp 275-282.

AEC IGRL-T/C-74

New Arrangements of the 1100-kv  
Accelerating Equipment of the Istituto  
Supiore di Sanita, by M. Ageno, M.  
Chiozzoto, R. Zuerzoli, 6 pp.  
ITALIAN, per, Rend ist Super Sanita,  
Vol XIV, 1951, pp 509-529.

AEC UCRL-Trans-593(L)

Adjustment Procedures for SC-4M Kanji  
Teleprinter, 27 p.  
JAPANESE, rpt, 9660447. (no date).

USACRAPAC, PD  
Doc No 101983-B

Production of Reactor-Grade Graphite,  
by Y. Saito.  
JAPANESE, per, Tanso, Vol VII, 1958,  
pp 16-19.

\*AERE, Harwell

A Theoretical Attempt on the Packing  
of Powders, by Sohachiro Hayakawa.  
JAPANESE, per, Tokyo Daigaku Rikogaku  
Kenkyujo Hokoku, Vol IV, No 3/4, 1960,  
pp 31-36.

Navy 2747/NRL 812

The Performance of an Improved "Karol"  
Type Hammer Mill, by F. Sewejda.  
POLISH, per, Koks-Smola, Gaz, Vol III,  
No 1, 1958, pp 25-27.

BISI 1765

Scientific  
Engineering (Contd)

Numerical Calculations for  
Heterogeneous Reactors, by F.  
Stummel.

POLISH, per, Nukleonik, Vol II,  
No 5, 1960, pp 178-192.

\*UK Atomic Energy Authority,  
Risley

New Developments of Telecom Engineering  
at the XXIX International Fair in Poznan.  
POLISH, per, Przegląd Telekomunikacyjny,  
No 5, 1960, pp 142-144.

\*ACSI H-8595  
ID 2162114

The Airplane JAK-18's Way of Development,  
3 pp.  
POLISH, per, Skrzydłata Polska, 20 May 1959.

ACSI H-8019  
ID 2156402

Bridge Over the River Sao Francisco, BR-2  
Inauguration of the Porto Alegre -- Caxias  
do Sul Section, 7 pp.

PORTUGUESE, per, Revista de Engenharia  
Militar, No 222, Jan-Jun 1959, pp 15-21,  
35, 36.

ACSI H-8010  
ID 2156399

Section 130 -- Flow Over a Lateral Weir  
From the Book "Treatise on Hydraulics,"  
by P. Forchheimer.  
SPANISH, bk, Tratado de Hidraulica, 1935.

Dept Int  
TC823 A358 No 342

Fuels

Solidified Motor Fuels, by Losev, B. I.  
RUSSIAN, bk, Otverzhdennoye Motornoye  
Toplivo, 1959.

\*ACSI H-8599  
ID 2162117

A Vehicle Refuels With Natural Gas,  
by Z. Bakhmach, 3 pp.

RUSSIAN, per, Na Stroitel'ntve  
Tryboprovodov, No 2, 1958, p 2.

ACSI H-7853  
ID 2152394

Scientific  
Geophysics

Selected Articles From the Russian Book  
Mezhdunarodnyy Geofizicheskiy God, Sbornik  
Statey i Materialov, 1960, (NY-6064).

\*JPRS

Some Data on the Frequency of Noctilucent  
Clouds in the Western Part of USSR Terri-  
tory, by L. F. Gromova.

Photometric Conditions of Noctilucent  
Cloud Visibility, by V. V. Sharonov.

Photoelectric Ozonometers, by Sh. A.  
Bezverkhniy.

Notes on the Problem of the Relation  
Between Present Fluctuations of the  
Arctic Climate and the Circulation of  
the Atmospheres and Solar Activity,  
by L. S. Petrov.

Introduction, by Aleksandr Aleksandrovich  
Girs, (SF-1674).

RUSSIAN, bk, Osnovy Dolgosrochnykh  
Prognozov Pogody, 1960, pp 341-349.

\*JPRS

Chapter VIII. Macrocirculation Method  
of Long Range Hydrometeorological Forecasts,  
According to G. Ya. Vangengey, (SF-1674).  
RUSSIAN, bk, Osnovy Dolgosrochnykh Prognozov  
Pogody, 1960, pp 432-464.

\*JPRS

Chapter XII. A Review of the Methods and  
Research On the Problem of Long Range  
Weather Forecasts Existing in Different  
Countries of the World, by Aleksandr  
Aleksandrovich Girs, (SF-1674).  
RUSSIAN, bk, Osnovy Dolgosrochnykh  
Prognozov Pogody, 1960, pp 521-546.

\*JPRS

An Active Method of Studying the Nature  
of the Central Arctic, by P. A. Gordienko,  
20 pp.  
RUSSIAN, USSR Academy of Sciences, Leningrad,  
Jul/Aug 1960.

Navy 2738/ONI 813

Scientific  
Geophysics (Contd)

Seismic Determinations of Elastic Constants  
for Bed Rock, by V. N. Nikitin, 16 pp.  
RUSSIAN, per, Gidrotekh Stroitel, No 4,  
1959.

MEB

A Method of Instrumental Aerial Ice  
Observations of Continental Ice in  
the Sea, by V. V. Betin, S. V.  
Zhadrinskiy, N. S. Uralov.  
RUSSIAN, per, Met i Gid, No 5,  
1959, pp 51-54.

Navy/HO 122

Complex Automation of Hydrometeorological  
Operations and the Formation of an Automatic  
Telemetric Station Network, by V. I. Korzun,  
(NY-6081).  
RUSSIAN, per, Met i Gid, No 2, 1961,  
pp 13-19.

\*JPRS

Hydrometeorological Observations Aboard  
Ships, by L. G. Sobolev, (NY-6081).  
RUSSIAN, per, Met i Gid, No 2, 1961,  
pp 47-52.

\*JPRS

On the Possibility of Climatic Change  
in the Vicinity of Tatar Strait, by  
N. M. Budtolayev, (NY-6081).  
RUSSIAN, per, Met i Gid, No 2, 1961,  
pp 49-52.

\*JPRS

Literature on Meteorology, Hydrology, and  
Oceanography for the Year 1960, (NY-6081).  
RUSSIAN, per, Med i Gid, No 2, 1961,  
pp 55-59.

\*JPRS

Information of the Soviet Committee for  
the IGY on Fulfillment of the Program  
for Upper Atmosphere Rocket Research in  
the Main IGY Period, (NY-6101).  
RUSSIAN, per, Mezh Geofiz God, Informat  
Byul, No 8, 1960, pp 7-15.

\*JPRS

An Electronic Correlator for Ionospheric  
Measurements, by T. A. Gaylit, V. D. Gusev,  
(NY-6101).  
RUSSIAN, per, Mezh Geofiz God, Informat  
Byul, No 8, 1960, pp 42-46.

\*JPRS

Scientific  
Geophysics (Contd)

On the Nature of Ball Lightning,  
by G. I. Kogan-Beletskiy, 7 pp.  
RUSSIAN, per, Priroda, Vol XLVI,  
No 6, 1957, pp 71-73.

AEC NP Tr-498

Some Problems of Studying the Perennial  
Variations of the Total Ice Cover in  
The Arctic Seas, by I. V. Maksimov,  
16 pp.  
RUSSIAN, per, Problemy Arktiki i  
Antarktiki, No 2, 1960, pp 5-16.  
9658741.

Amer Meteor Soc

On the Method of Observations on  
Sea Ice From Aircraft, by V. V.  
Betin, S. V. Zhadrinskiy, N. S.  
Uralov.  
RUSSIAN, per, Trudy Gosudar Okeano-  
Inst, Vol XL, pp 147-155.

Navy/HO 123

The LO-4 Thermohygrometer, by A. I.  
Voskresenskiy, A. A. Ledokhovich, 8 pp.  
RUSSIAN, per, Trudy Leningrad Arkticheskii  
i Antarkticheskii Nauchno-Issledovatel'skii  
Inst, Vol CCXXVIII, No 1, 1959, pp 168-174.  
9658744.

Amer Meteor Soc

Properties of the Upper Atmosphere and  
Artificial Earth Satellites, by A. I.  
Repnev, 147 pp.  
RUSSIAN, per, Trudy Tsentral Aerolog  
Observ, No 25, 1959, pp 5-62.

JPRS 7486

The Problem of Exploring for Natural  
Gas in the Region Between the Ural and  
Volga Rivers, by T. N. Dzhumagaliyev,  
(NY-6025).  
RUSSIAN, per, Vest Ak Nauk Kazakh SSR,  
Vol XVI, No 8, 1960, pp 3-8.

\*JPRS

Gamma-Spectrometric Measurements of the  
Radioactivity of the Waters of the  
Atlantic Ocean, by B. A. Nelepo, 10 pp.  
RUSSIAN, per, Vest Moskov U, No 5, 1960,  
pp 36-42.

JPRS 6838



Scientific  
Geophysics (Contd)

Some Results of the Total Radioactivity  
of Oceanic Waters in the Antarctic Sector  
of the Pacific Ocean, by B. A. Nelepo,  
6 pp.

RUSSIAN, per, Vest Moskov U, No 5, 1960,  
pp 43-46.

JPRS 6838

Combating Water and Wind Erosion in the  
USSR, by S. S. Sobolev.

RUSSIAN, per, Vest Sel'sk Nauk, No 10,  
1960, pp 110-116.

\*USDA

Protection of Soils in the Northern  
Regions of Kazakhstan, by A. I. Barayev.

RUSSIAN, per, Vest Sel'sk Nauk, No 10,  
1960, pp 117-122.

\*USDA

Protection of the Soil From Erosion in  
People's China, by A. N. Oliferov.

RUSSIAN, per, Vest Sel'sk Nauk, No 11,  
1960, pp 143-148.

\*USDA

Selected Articles From the Chinese Periodical  
Hai-yang Yu Hu-chao.

Vol II, No 1, 1959.

JPRS 7299

A Preliminary Study of the Formation  
and Characteristics of the Yellow Sea  
Cold Water Mass, by Ho Chung-pen,  
Wang Yuan-hsing, et al, 9 pp,  
(pp 11-14).

Classification of Economic Molluscan  
Fauna in the Yellow Sea and East China  
Sea, by Chang Hsi, 11 pp, (pp 27-31).

Notes on the Economic Macrurous  
Crustacean Fauna of the Yellow Sea  
and East China Sea, by Liu Jui-yu,  
13 pp, (pp 35-42).

On the Economic Marine Algal Flora of  
the Yellow Sea and East China Sea, by  
Tseng Ch'eng-k'uei, Chang Chun-fu, 18 pp,  
(pp 43-52).

Scientific  
Geophysics (Contd)

Selected Articles From the Chinese Periodical  
Hai-yang Yu Hu-chao.

Vol II, No 1, 1959.

JPRS 7299

Notes on the Economic Fish Fauna  
of the Yellow Sea and East China  
Sea, by Ch'eng Ch'ing-t'ai, 13 pp,  
(pp 53-60).

Vol II, No 3, 1959, (SF-1600).

\*JPRS

Questions Concerning Overall Forecast  
of Tide Flow, by Yu Fang-hu, (pp 111-134).

Calculations of Numerical Value of  
Wind and Sea Currents Within a Semi-  
Enclosed Sea Area, by Ho En-tien,  
(pp 136-144).

On Some Physical and Chemical Properties  
of the Water in the Northern Part of the  
Lake Taihu, by Chu Shu-p'ing, (pp 146-159).

The Feeding Habits of the 'Cstrea  
Rivularis Gould', by Chang Hsi,  
(pp 163-178).

Vol II, No 4, Mar-Oct 1959, (SF-1600).

\*JPRS

A Decade of Marine Biology in China, by  
Tseng Ch'eng-k'uei, (pp 203-212).

On the Regional Division of the Marine  
Algae Flora of the Western North Pacific,  
by Tseng Ch'eng-k'uei, (pp 244-261).

Fauna of Economical Mollusks of the  
South China Sea, by Chang Hsi, (pp 268-274).

Note on the Economic Fish Fauna of the  
South China Sea, by Ch'eng Ch'ing-t'ai,  
(pp 278-282).

The Use of Microclimatology, by Lu Chiung,  
4 pp.

CHINESE, per, K'o-hsueh Hsin-wen, No 38,  
28 Nov 1959, pp 2, 3.

JPRS 7462

Scientific  
Geophysics (Contd)

Selected Articles From the Chinese Periodical  
K'o-hsueh T'ung-pao.

No 7, 12 Apr 1958, pp 209-213,  
(SF-1603).

\*JPRS

Sing Out and March On.

No 8, 27 Apr 1958, (SF-1601).

\*JPRS

Problems of Soil Moisture Encountered  
in the Study of Sand-Fixation and  
Afforestation Along the Chung-wei  
Section of the Pao-t'ou--Lanchow  
Railway in the T'eng-ko-li Desert, by  
Li Ming-kang, (pp 249-251).

Mean Interdiurnal Variations in the  
Height of and Temperature at Standard  
Isobaric Surfaces Over China, by Yang  
Chien-ch'u, Chu Chien-kung, (pp 251,  
252, 253).

No 1, 1960.

JPRS 4465

Some Discoveries on the Effect of the  
Tibetan Plateau on General Circulation,  
by Yeh Tu-cheng, T'ao Shih-yen, 8 pp,  
(pp 23-25).

Scientific Conference on Desert Control,  
4 pp, (pp 159, 160).

No 7, 11 Apr 1960, (SF-1649).

\*JPRS

Deposition -- The Development of the  
Confliction of Endogenetic Action and  
Exogenetic Action, by Hsieh Lien-jun,  
(pp 193-197).

Synthetic Optical Resin Laboratory of  
Preparation of Microscopic Slides of  
Minerals and Rocks, (pp 216, 217).

Scientific  
Geophysics (Contd)

Selected Articles From the Chinese Periodical  
Shui-wen Ti-chih Kung-ch'eng Ti-chih.

No 1, 1959, (SF-1599).

\*JPRS

The Origin of Brecciated Limestone  
of the Chia-ling River System in  
the Middle and Upper Triassic Period  
in Southeastern Szechuan, by Ch'ien  
Hsueh-p'u, (pp 17-21).

Concerning Further Simplification  
of Some Theoretical and Practical  
Questions of Combined Pumping, by  
Kao Chung, (pp 21-23).

Methods and Principles of Forecasting  
Reservoir Wall Collapse, and Some  
Reference Data, by Sun Kuang-chung,  
(pp 24-26).

Engineering Geology Survey of  
Erh-hai Aqueduct Tunnel, (pp 27-29).

Geological Computation "Disc," by  
Chi Chih-t'ao, (pp 29-32).

Careful Analysis and Comprehensive  
Research Must Be Carried Out on  
Hydrogeological Conditions of Mineral  
Areas, by Wang Hsi-en, (pp 33-38).

A Discussion of Several Problems of  
Designing a Sand-Fill Structure, by  
Ke Yu-li, (pp 39-43).

A Special Slide Rule Used to Compare the  
Coefficient of Premeability of Clayey  
Soils, by Jung Ching-lin, (pp 44-46).

Scientific  
Geophysics (Contd)

Selected Articles From the Chinese Periodical  
Shui-wen Yueh-k'an.

No 5, 1959, (SF-1604).

\*JPRS

A Method of Surveying Amount  
of Paddy Water Consumption, by  
Hu Chih-p'ing, (pp 24, 25).

Rainfall-Amount Tubes Used in  
High Mountains, by Cheng Tse-min,  
(pp 25, 43).

A Semiconductor Thermometer,  
(pp 27-29).

Various Items Under Heading 'Experi-  
ence Notes', (pp 35-37).

No 11, 1959, (SF-1604).

\*JPRS

Ten Years of Hydrology in  
Tsing-hai, (pp 8, 9).

How Our Station Carried Out the  
Work of 'Fourification', (pp 10, 11).

Introducing the Electrical Survey  
Equipment of Our Station, by Tung  
Ch'ien, (pp 11-17).

Some Ideas on Determining the Weight  
Content of Mud-Sand in River Flow, by  
Huang Wei-lung, (pp 17-19).

A Forecasting Method for Dryseason  
Run-Off of Medium and Small Rivers  
in Areas Where Data Is Lacking, by  
Huo Hsueh-yuan, (pp 20-24).

Yu-p'ing Hydrology Station's Long-  
Range Forecasting, (pp 24, 25).

Various Items Under Heading  
'Experience Notes', (pp 34-36).

Scientific  
Geophysics (Contd)

Selected Articles From the Chinese Periodical  
Shui-wen Yueh-k'an.

No 12, 1959, (SF-1604).

\*JPRS

Energetically Initiate Cryological  
Work for Production-Construction  
Service, (pp 14-17).

Some Thoughts on Cryological  
Prospecting, (pp 17-21).

Thoughts on Furthering Cryological  
Forecasts, (pp 24-26).

Thoughts on Initiating Cryological  
Calculations, (pp 26, 27).

Various Items Under Heading 'Experi-  
ence Notes', (pp 34, 35).

No 2, 1960, (DC-5509).

\*JPRS

Hydrological Problems of Water  
Conservation, (pp 4-7).

Questions of Hydrology Forecasts and  
Their Use in Water Dams, (pp 7, 8).

An Investigation of Forecast Methods  
of Ice Flow Volume in Spring, (pp 9-11).

A Test of Several Types of Spring Flood  
Forecasts, (pp 11-17).

Computation Methods of the Largest  
Flow Volume of Flood Areas of Con-  
verging Waters, by Ch'eng T'ieh-ying,  
(pp 17-22).

Empirical Formula for Determining the  
Area of a River Basin, by Using Peripheral  
Length, by Feng Ch'ang-hua, (pp 23-28).

Simple Method to Determine the Area of  
a Small-Scale Reservoir River Basin and  
the Effective Depth of Water Collecting,  
by Yao Hung-chu, (pp 29-31).

Scientific  
Geophysics (Contd)

Selected Articles From the Chinese Periodical  
Shui-wen Yueh-k'uei.

No 3, 1960, (DC-5509).

\*JPRS

Forecasting Methods for Spring  
Flood Run-Off, (pp 1-5).

Two Forecasting Methods for Dry  
Season Run-Off, (pp 6-19).

Estimation of Greatest Ice Thickness  
and Forecast of Melting, by Chang  
Chia-ying, (pp 19-25).

No 4, 1960, (DC-5509).

\*JPRS

Studies on the Influence of Water  
Conservation and Soil Protection  
Measures to River Flow Annual  
Run-Off, (pp 11-16).

Revisions of Investigating the Daily  
Soil Water-Content Methods in Hill  
Regions, by Wang Shu-hsuan, (pp 23-25).

No 5, 1960, (DC-5509).

\*JPRS

Summary of Documents From the Discussion  
Meeting on Hydrology Test Revision,  
(pp 6-18).

Initial Studies of the Influence of  
Paddies on Storm Diameters, by Hsu  
Tsai-yung, (pp 27-30).

Application of the Primary Halo Exploration  
Method to Lead-Zinc Deposits in Liaoning  
Province and the Results, by Liu Kuang-fu,  
16 pp.

CHINESE, per, Ti-chih Yu K'an-t'an, No 10,  
1960, pp 11-16.

JPRS 4465

Statistics on High-Altitude Winds in  
Prague, by J. Bradka, (NY-6103).

CZECH, per, Meteorologické Zprávy,  
Vol XIII, No 6, 31 Dec 1960,  
pp 153-156.

\*JPRS

Scientific  
Geophysics (Contd)

Report of Commission on Coastal  
Sedimentation, 11 pp.

FRENCH, rpt, NY, 1956, pp 34-39.  
(Call No 551.36016 I 61 GU C73,  
Eng Tr).

AMS

Oscillations of Stability and the  
Internal Thermal Agitation in the  
Sea and in the Atmosphere, by  
Gerhard Neumann.

GERMAN, per, Deutsche Hydrographische  
Z, Vol II, No 1/2/3, 1949, pp 52-67.

Dept Int  
GCI U54 No 92

Methods and Results of Statistical  
Analysis of Swell, by O. Czepa, G.  
Schellenberger.

GERMAN, per, Sonderdruck aus Gerlands  
Beitrage zue Geophysik, Vol LXIX, No 4,  
1960, pp 206-239.

Navy/HO 121

Some Problems of Photogrammetry in  
Hungary, by Gy. Hegyi, (DC-5517).  
HUNGARIAN, per, Geodezia es Kartografia,  
Vol XIII, No 1, 1961, pp 25-34.

\*JPRS

The Use of Photogrammetry in Mapping  
at Scales of 1:10,000 and Greater in  
Hungary, by Geza Hanko, (NY-6109).  
HUNGARIAN, per, A Magyar Tudomanyos  
Akademia Muszaki Tudomanyok Osztalyansk  
Kozlemenyei, Vol XXVII, No 3/4, 1960,  
pp 393-427.

\*JPRS

Activity of the State Service of Surveying  
and Cartography in Poland From 1945-1960,  
by Magister Ryszard Herbst, Magister Engr  
Julian Dabrowski, Magister Engr Jan  
Chmielecki, Magister Engr Wladyslaw Baranski,  
(SF-1699).

POLISH, per, Przeglad Geodezyjny, Vol XXXII,  
No 12, 1960, pp 435-445.

\*JPRS

Czechoslovak Study of the Dependence of the  
Albedo on the Height of the Sun and on  
Cloudiness, by P. Petrovic, (NY-6108).  
SLOVAK, per, Meteorologicke Zpravy,  
Vol XIII, No 6, 31 Dec 1960, pp 140-146.

\*JPRS



Scientific  
Mathematics

Solution of Transportation Problems  
on an Electronic Computer by the  
Approximation Method Using Conditional-  
Optimal Plans, by Yu. A. Oleynik, (NY-6004).  
RUSSIAN, monograph, Resheniye Zadachi o  
Transportirovke na Elektronnoy Vychislitel'noy  
Mashine Metodom Priblizheniya Uslovno-Optimal'  
nyimi Planami, 1960, pp 1-33.

\*JPRS

On the Approximation of Continuous Functions  
by Entire Functions on the Real Axis, by  
G. M. Avetisian, 16 pp.  
RUSSIAN, per, Iz Vysshikh Ucheb Zaved,  
Matemat, No 5 (12), 1959, pp 3-15.

MDF A-147

Numerical-Graphical Method of Solving  
Boundary Problems for Second Order Ordinary  
Differential Equations, by A. G. Anisimov,  
8 pp.  
RUSSIAN, per, Iz Vysshikh Ucheb Zaved,  
Matemat, No 5 (12), 1959, pp 40-47.

MDF A-146

On the Oscillation of the Solutions of  
the Same Differential Equations of Higher  
Order, by G. V. Anan'yeva.  
RUSSIAN, per, Uspekhi Matemat Nauk, Vol XIV,  
No 1, 1959, pp 135-140.

\*ACSI H-6044  
ID 2164465

On the Convergence of Some Series of  
Fourier Coefficients, by A. A. Konyushkov.  
RUSSIAN, per, Uspekhi Matemat Nauk, Vol XIV,  
No 1, 1959, pp 189-196.

\*ACSI H-6045  
ID 2164466

The Problems of the Development of Mathematical  
Sciences in Kazakhstan, by O. A. Zhautykov,  
M. V. Pentkovskiy, (NY-6025).  
RUSSIAN, per, Vest Ak Nauk Kazakh SSR, Vol XVI,  
No 8, 1960, pp 9-19.

\*JPRS

Mathematical Analysis of the Marxist  
Theory of Reproduction (II) on Conditions  
for Increasing Production at a Fast Rate,  
by Ho Tsu-hsiu, Lo Ching-pai, (DC-5510).  
CHINESE, per, Li-hsueh Hsueh-pao, Vol I,  
No 2, May 1957, pp 184-192.

\*JPRS

Scientific  
Mathematics (Contd)

Some Russian Work on the Application  
of Functional Analysis to Differential  
Equations, by S. L. Sobolev, 22 pp.  
CZECH, per, Czechoslov Math J, Vol VI,  
1956, pp 289-310.

AEC IGRL-T/R-97

The XYZ Electronic Computer, by  
Andrzej Czarski, (SF-1666).  
POLISH, np, Zolnierz Polski, No 43 (647),  
23 Oct 1960, pp 4, 5.

\*JPRS

On a Single Synthesis Algorithm for  
Abstract Automats, by V. M. Glushkov,  
15 pp.  
UKRAINIAN, per, Ukrain Matemat Zhur,  
Vol XII, No 2, Apr 1960, pp 147-156.

JPRS 7355

Scientific  
Medicine

Selected Articles From the Russian  
Encyclopedia Bol'shaya Meditsinskaya  
Enciklopediya, Vol XVI, No 2, 1960.

JPRS 7902

Pathogenesis, by P. Gorizontov, 15 pp.

Pathological Anatomy, by N. Krayevskiy,  
12 pp, (pp 374-383).

Clinical Aspects, Diagnosis and Treat-  
ment, by N. Kurshakov, I. Glazunov, P.  
Kireyev, 21 pp, (pp 383-400).

Immunity in Radiation Sickness, by V.  
Troitskiy, 9 pp, (pp 401-407).

Infectious Complications in Radiation  
Sickness and Treatment of Them, by M.  
Tumanyan, 9 pp, (pp 407-416).

Late Consequences, by N. Litvinov, V.  
Ponomar'kov, 6 pp, (pp 417-423).

Occupational Radiation Injuries of  
Roentgenologists, by Ye. Dubovyy,  
3 pp, (pp 423-425).

Characteristics of the Course of Radia-  
tion Sickness Under Field Conditions, by  
N. Molchanov, 11 pp, (pp 425-431).

First Conference on the Problem of Cyto-  
and Histochemistry. Reports, December 1960,  
(NY-6027).

RUSSIAN, bk, I Konferentsiya po Voprosam  
Tsito- i Gistokhimii. Doklady, Dekabrya  
1960 goda, 1960, pp 1-130.

\*JPRS

The Health of the Very Young, by Aleksandr  
Fedorovich, 27 pp.

RUSSIAN, brochure, O Zdrov'ye Samykh  
Malen'kikh, 1960, pp 2-32.

JPRS 4409

Scientific  
Medicine (Contd)

Prophylaxis of Infections With Live  
Vaccines, by M. I. Sokolov, (NY-6074).  
RUSSIAN, bk, Profilaktika Infektsiy  
Zhivymi Vaktsinami, 1960, pp 1-356.

\*JPRS

Defense of the Organism From the Effects  
of Ionizing Radiation With the Help of  
Chemical Compounds, by Ye. F. Romantsev,  
10 pp.

RUSSIAN, bk, Radiatsionnaya Meditsina,  
1960, pp 276-284.

ACSI H-8425  
ID 2159934

Biological Acricity of the Artificial  
Protein Complexes of Vitamins A and E,  
by Ye. F. Shamray, K. N. Veremeyenko,  
Yu. V. Khmelevskiy, (NY-6038).  
RUSSIAN, bk, Vitaminy, Vol III, 1958,  
pp 159-164.

\*JPRS

Effect of the Artificial Complex of  
Vitamin D<sub>2</sub> With Protein on the Course  
of Rachitis in Children, by A. M. Khvul',  
V. P. Vendt, (NY-6038).  
RUSSIAN, bk, Vitaminy, Vol III, 1958,  
pp 166-173.

\*JPRS

Effect of the Cooling of the Organism  
on the Metabolism of Pyridine and  
Thiamine Compounds, by L. N. Kuznetsova,  
Ye. V. Lakhno, V. A. Ostroukhova, A. A.  
Rybina, R. V. Chagovets, (DC-5540).  
RUSSIAN, bk, Vitaminy. II. Polucheniye i  
Ochistka Vitaminov Fiziologiya i Biokhimiya  
Vitaminov, Kiev, 1956, pp 86-97.

\*JPRS

New Data on the Biological Role of Vitamin  
A, by K. M. Leutskiy, (DC-5540).  
RUSSIAN, bk, Vitaminy. II. Polucheniye i  
Ochistka Vitaminov Fiziologiya, i Biokhimiya  
Vitaminov, Kiev, 1956, pp 144-151.

\*JPRS

Scientific  
Medicine (Contd)

Problems of the Metabolism of Nicotinic Acid in Cases With Insufficiency of Sodium and Chlorine, by K. M. Leutskiy, (DC-5540).

RUSSIAN, bk, Vitaminy. II. Polucheniye i Ochistka Vitaminov Fiziologiya i Biokhimiya Vitaminov, Kiev, 1956, pp 152-157.

\*JPRS

The Interaction of Thiamine and Ascorbic Acid, by Z. S. Gershenovich, A. I. Minkina, (DC-5540).

RUSSIAN, bk, Vitaminy. II. Polucheniye i Ochistka Vitaminov Fiziologiya i Biokhimiya Vitaminov, Kiev, 1956, pp 158-173.

\*JPRS

Cybernetic Problems in Biology and Medicine, by V. D. Moiseyev, (NY-6065).

RUSSIAN, bk, Voprosy Kibernetiki v Biologii i Meditsine, 1960, pp 1-302.

\*JPRS

Role of Heterochronic Maturation of Embryonic Structures in the Formation of Normal Functions in the Newborn, by K. V. Shuleykina, 10 pp.

RUSSIAN, per, Akush i Ginekologiya, No 4, 1958, pp 49-53.

NIH 1-3-61

Development of Reflex and Spontaneous Activity of the Human Fetus During Embryogenesis, by Ye. L. Golubeva, K. V. Shuleykina, I. I. Vanshteyn, 9 pp.

RUSSIAN, per, Akush i Ginekologiya, No 3, 1959, pp 59-62.

NIH 1-4-61

Macro-Microscopic Study of Age and Functional Characteristics of the Lymphatic System of the Mammary Gland, by L. I. Gordeyeva, 21 pp.

RUSSIAN, per, Arkhiv Anatomi, Gistol i Embriol, Vol XXXIX, No 10, 1960, pp 79-93.

JPRS 7829

Effect of Castration Upon Experimental (Alimentary) Atherosclerosis of the Coronary Arteries of the Heart, by S. Kh. Sidorovich, I. M. Sapelkina, 12 pp.

RUSSIAN, per, Arkhiv Patol, Vol XXII, No 11, 1960, pp 64-67.

JPRS 7714

Scientific  
Medicine (Contd)

Comparative Study of Changes in the  
Smaller Arteries in Various Forms of  
Experimental Hypertension, by L. I.  
Gumenyuk, 14 pp.  
RUSSIAN, per, Arkhir Patolog, Vol XXII,  
No 11, 1960, pp 68-72.

JPRS 7715

Peculiarities of the Affection of the  
Cerebrum in Thrombosis of the Internal  
Carotid Artery at Different Levels, by  
A. N. Koltover, I. G. Fomina, I. V.  
Gannushkina, 19 pp.  
RUSSIAN, per, Arkhir Patolog, Vol XXII,  
No 11, 1960, pp 72-77.

JPRS 7716

Problem of Atherosclerosis, by I. V.  
Davydovskiy, L. A. Gulina, (NY-6039).  
RUSSIAN, per, Arkhir Patolog, Vol XXIII,  
No 1, 1961, pp 3-23.

\*JPRS

Morphological Modifications of the  
Central Nervous System Under the Impact  
of Centimetric Waves on the Organism, by  
L. A. Dolina, (NY-6039).  
RUSSIAN, per, Arkhir Patolog, Vol XXIII,  
No 1, 1961, pp 51-57.

\*JPRS

Twenty-Seventh All-Union Congress of  
Surgeons, by M. M. Mir-Kasimov, 18 pp.  
RUSSIAN, per, Azerbaydzhan Med Zhur,  
No 10, 1960, pp 73-82.

JPRS 7762

Cellular Bases and Neurohumoral Regula-  
tion of Immunogenesis, by P. F. Zdrodovskiy,  
12 pp.  
RUSSIAN, per, Azerbaydzhan Med Zhur, No 11,  
1960, pp 9-17.

JPRS 4414

Experiment of Qualitative and Quantitative  
Analyses of the Aminoacid Composition of  
the Autolysate of the Fungus *Aspergillus*  
*Terricola* by the Chromatographic Method  
of Investigation, by A. A. Namedov,  
(SF-1629).  
RUSSIAN, per, Azerbaydzhan Med Zhur, No 1,  
1961, pp 52-55.

\*JPRS

Scientific  
Medicine (Contd)

Some Clinico-Pathophysiological Features  
of Chronic Alcoholism, by O. H. Vilenskiy,  
11 pp.

RUSSIAN, per, Fiz Zhur, Vol VI, No 5,  
1960, pp 577-583.

JPRS 7798

On the Effect of Centimeter Band Radio  
Waves on Higher Nervous Activity and  
the Hematogenic and Reproductive Organs,  
by S. F. Horodets'ka, 13 pp.

RUSSIAN, per, Fiz Zhur, Vol VI, No 5,  
1960, pp 622-629.

JPRS 7797

Third Scientific Conference on Problems  
of the Physiology of Work, by V. H.  
Kryzhaniv's'kyy, 12 pp.

RUSSIAN, per, Fiz Zhur, Vol VI, No 5,  
Sep/Oct 1960, pp 694-697.

JPRS 7630

Selected Articles From the Russian Periodical  
Gig i San.

Vol XXV, No 1, 1960, pp 11-15.

\*USDA

On the Effect of Natural Ultraviolet  
Radiation on the Bacterial Population  
of the Air, by Ya. G. Kishko.

Vol XXV, No 2, 1960.

\*USDA

Determination of the Concentration  
of Radioactive Aerosols by the  
Aspiration Method, by Z. V. Dubrovina,  
V. I. Katsapov, (pp 44-48).

On the Problem of the Method of Determina-  
tion of Radioactive Aerosols in the Air  
by the Aspiration Method, by M. A. Gluzman,  
(pp 79-83).

No 9, 1960.

JPRS 4371

Coordination of Research in the Field  
of Noise Control, by S. I. Murovannaya,  
9 pp, (pp 15-20).

Scientific  
Medicine (Contd)

Selected Articles From the Russian Periodical  
Gig i San.

No 9, 1960.

JPRS 4371

Physiological Bases for Determining  
Industrial Noise Standards, by A. A.  
Arkad'yevskiy, 9 pp, (pp 21-26).

The Effect of Intensive Noise on the  
Functional State of the Nervous System,  
by L. Ye. Milkov, 8 pp, (pp 26-31).

Data From the Clinical and Physiological  
Examinations of Persons Subjected to a  
Prolonged Noise Effect, by M. L.  
Khaymovich, 6 pp, (pp 32-35).

Some Neurodynamic Features of Persons  
Subjected to the Combined Effect of  
Industrial Noise and Vibration, by G.  
I. Zuyev, 8 pp, (pp 36-41).

Noise Measuring Instruments, by I. A.  
Grafskiy, 5 pp, (pp 50-53).

National and Foreign Soundproofing  
Standards, by V. N. Nikol'skiy, G. L.  
Osipov, A. K. Timofeyev, 8 pp, (pp 60-65).

Some Measures to Abate Motor Transport  
Noise, by V. Ye. Koshkin, 6 pp, (pp 70-73).

Certain Problems Relative to the Control  
of Urban Transport Noise, by N. P.  
Plotnikov, 7 pp, (pp 73-78).

Study of Noise Background in Sverdlovsk,  
by K. M. Philipovskaya, 4 pp, (pp 79-81).

The Problem of Aging From a Social,  
Hygienic and Occupational Viewpoint,  
by L. K. Khotsyanov, 9 pp, (pp 82-88).

Certain Problems Related to the Hygienic  
Study of Industrial Noises, by V. M.  
Grigoryeva, 7 pp, (pp 94-98).



Scientific  
Medicine (Contd)

Selected Articles From the Russian Periodical  
Gig i San.

No 9, 1960.

JPRS 4371

Standardization of Automobile  
Traffic Noise, by G. L. Osipov,  
S. D. Kovrigin, 6 pp, (pp 99-102).

Hygienic Characteristics of Noise  
at Sugar Refineries, by N. K.  
Val'chuk, 7 pp, (pp 103-106).

Noise Control on the Railroads, by  
E. W. Bobin, 10 pp, (pp 106-110).

Vol XXV, No 10, 1960, (NY-6080).

\*JPRS

Certain Hygienic Problems of the  
Showing of Television Programs to  
Children, by Ye. K. Glushkova,  
(pp 22-27).

An Experimental Study of the Effect  
of an Interrupted School Week on  
Fatigue in Students of the Fourth  
Class, by N. B. Bushanskaya, (pp 27-31).

Vol XXVI, No 1, 1961, (NY-6145).

\*JPRS

A Law on the Protection of Nature,  
(pp 3-6).

An Investigation of the Hygienic  
Characteristics of Ultrasound Waves  
in Industry, by Z. S. Lisichkina,  
(pp 23-32).

A Change in the Electrical Reactivity  
of the Brain in Children After School  
Classes, by Yu. M. Pratushevich, N. N.  
Korzh, (pp 44-50).

The Health and Educational Significance  
of a Prolonged School Day, by L. I.  
Aleksandrova, (pp 50-54).

Scientific  
Medicine (Contd)

Biological Effect of Ultrasonic Waves  
Propagated in the Air, by V. M.  
Grigor'yeva, 7 pp.  
RUSSIAN, per, Gig Truda i Professional  
Zabol, Vol IV, No 10, 1960, pp 35-40.

JPRS 4454

Local Mass Reproduction of Ticks  
Hyalomma Anatolicum Anatolicum Koch  
in Tadzhikistan and Their Causes, by  
G. V. Serdyukova, 4 pp.  
RUSSIAN, per, Iz Ak Nauk Tadzhik SSSR,  
Vol VI, 1945, pp 60-63.

NIH 1-14-61

Role of the Creation of Organic Anastomoses  
in Certain Types of Vascular Pathology of the  
Internal Organs, by B. P. Kirillov, A. V.  
Petrovskaya, M. N. Myasnikova, T. N.  
Makevich, N. M. Yenishin, 11 pp.  
RUSSIAN, per, Khirurgiya, Vol XXXVI, No 12,  
1960, pp 5-10.

JPRS 7857

Application of Hypothermy in Organic,  
Regional, and General Extracorporeal  
Circulation in Surgery on Arteries, by  
Prof G. Sven, (NY-6051).  
RUSSIAN, per, Khirurgiya, Vol XXXVII,  
No 1, 1961, pp 16-25.

\*JPRS

Investigation of the Functional Condition  
of the Brain on the Basis of Encephalographic  
Data During Mitral Commissurotomy, by S. N.  
Strakhov, (NY-6073).  
RUSSIAN, per, Khirurgiya, Vol XXXVII, No 1,  
1961, pp 39-45.

\*JPRS

Cardiac Electrostimulation, by Yu. I.  
Bredikis, (NY-6073).  
RUSSIAN, per, Khirurgiya, Vol XXXVII, No 1,  
1961, pp 53-58.

\*JPRS

Scientific  
Medicine (Contd)

Selected Articles From the Russian Periodical  
Klin Med, Vol XXXVIII, No 12, 1960.

Role of Heredity in the Etiology  
of Hypertensive Disease, by I. A.  
Ryvkin, 10 pp, (pp 24-29).

JPRS 7887

On the Effect of the Hereditary Factor  
on the Course of Hypertensive Disease,  
by I. I. Speranskiy, N. K. Belyayeva,  
9 pp, (pp 29-33).

JPRS 7888

Diet Therapy in Hypertensive Disease,  
by Ye. I. Dorokhova, V. P. Nikitin,  
9 pp, (pp 34-38).

JPRS 7839

Ballistocardiogram in Hypertensive  
Disease, by I. Ye. Oranskiy, 7 pp,  
(pp 39-42).

JPRS 7890

Effect of Cryotherapy on the Structure  
of Bone Tissue, by V. K. Apakidze,  
6 pp, (pp 125-128).

JPRS 7891

Concerning the Method of Virological  
Study of the Blood of Leukosis Patients,  
by G. A. Piskunova, A. S. Shubin, V. N.  
Kolmykova, (NY-6116).  
RUSSIAN, per, Lab Delo, Vol VI, No 6,  
Nov/Dec 1960, pp 12-18.

\*JPRS

Culture Medium for the Cultivation of  
the Anthrax Bacillus in Capsule Form,  
by A. V. Mashkov.  
RUSSIAN, per, Lab Delo, Vol VI, No 6,  
1960, pp 27-29. 9075521.

USDA

Blood Serum Cholinesterase and  
Acetylcholine Activity in Experiment  
Ascariasis, by M. V. Dalin, (NY-6091).  
RUSSIAN, per, Med Parazitol i Parazitar  
Bolezni, Vol XXIX, No 4, Jul/Aug 1960,  
pp 434-440.

\*JPRS

Scientific  
Medicine (Contd)

Universal Device for Determining Micro-organisms, Gaseous Mixtures of Dust in the Air, by Ya. G. Kishko.  
RUSSIAN, per, Medit Prom SSSR, No 11, 1960, pp 54-57. 9075522.

USDA

The Use of Ionizing Radiations for the Sterilization of Therapeutic Preparations, by Z. V. Yermol'yeva, V. I. Pochapinskiy, (NY-6111).

RUSSIAN, per, Medit Prom' SSSR, Vol. XV, No 1, 1961, pp 33-38.

\*JPRS

1960 Nominations to the Academy of Medical Sciences USSR, 11 pp.  
RUSSIAN, np, Medit Rabot, 8 Jan 1960, p 4.

JPRS 4401

Improvement of Medical Service and the Preservation of Health in the USSR, by S. V. Kurashov, 30 pp.  
RUSSIAN, np, Medit Rabot, Vol XXIII, No 98, 7 Dec 1960, pp 1-3.

JPRS 4419

Roentgenological Characteristics of the Results of Homotransplantation of Bones Preserved by Freezing, (NY-6112).  
RUSSIAN, per, Novyy Khir Zhur, Vol XL, No 1 (229), 1961, pp 26-33.

\*JPRS

On the Therapy of Burn Radiation Sickness With Sera From Burn Convalescents in Combination With Early Necrectomy, by M. A. Tsukerman, Ya. I. Veksler, P. S. Sizyakin, D. N. Runovskiy, A. R. Sheyngerts, 9 pp.  
RUSSIAN, per, Patol Fiz i Eksper Terapiya, Vol IV, No 5, Sep/Oct 1960, pp 3-7.

JPRS 7698

Investigation of the Toxic and Antitoxic Properties of Dog Serum After Thermal Burns, Utilizing the Method of Tissue Culture, by I. K. Koryakina, S. V. Skurkovich, N. A. Fedorov, 4 pp.  
RUSSIAN, per, Patol Fiz i Eksper Terapiya, Vol IV, No 5, Sep/Oct 1960, pp 56, 57.

JPRS 7699

Scientific  
Medicine (Contd)

An Instrument for Inducing a Dosed  
Thermal Burn in Laboratory Animals,  
by V. V. Tret'yakov, P. A. Ondzuls,  
3 pp.

RUSSIAN, per, Patol Fiz i Eksper  
Terapiya, Vol IV, No 5, Sep/Oct 1960,  
pp 58, 69.

JPRS 7700

Remote Results of Experimental  
Transplantation of Preserved  
Extremities and Kidneys in Dogs,  
by A. G. Lapchinskiy, 16 pp.

RUSSIAN, per, Patol Fiz i Eksper  
Terapiya, Vol IV, No 6, Nov/Dec 1960,  
pp 17-23.

JPRS 7862

Effect of the Transplantation of  
Bone Marrow Suspension on the Course  
of Acute Radiation Sickness, by G.  
Ye. Kevlishvili, 9 pp.

RUSSIAN, per, Patol Fiz i Eksper  
Terapiya, Vol IV, No 6, Nov/Dec 1960,  
pp 24-27.

JPRS 7863

On the Level of Properdin in the  
General Immunological Reactivity of  
Children Afflicted With Rheumatism,  
by P. L. Shteynlikht, (SF-1631).  
RUSSIAN, per, Pediatrica, Vol XL,  
No 2, 1961, pp 32-37.

\*JPRS

Diagnostic Significance of Certain  
Immunological Indices of Rheumatism in  
Children, by K. P. Sarylova, O. I.  
Volokhina, M. A. Monakhova, (SF-1631).  
RUSSIAN, per, Pediatrica, Vol XL, No 2,  
1961, pp 37-42.

\*JPRS

Larvae and Nymphs of Rhipicephalus  
Sanguineus. Latr. and Rh. Turanicus B.,  
by N. V. Matikaschvili, N. I. Dzhpardze,  
3 pp.

RUSSIAN, per, Pom Bull Acad Sci Georgian  
SSR, Vol III, No 1, 1942, pp 73-79.

NIH 1-18-61

Scientific  
Medicine (Contd)

The Attack on Infection Is Continued, by  
V. M. Zhdanov, (NY-6040).  
RUSSIAN, per, Priroda, Vol XLIX, No 6,  
1960, pp 23-26.

\*JPRS

Transplantation of Tissues and Organs,  
by S. P. Muchnik, 14 pp.  
RUSSIAN, per, Priroda, No 10, 1960,  
pp 16-20.

JPRS 7916

Determination of the BMR by the Thermo-  
electric Method, by P. V. Razmayev, A. P.  
Hegurey, V. P. Bychkov, (NY-6078).  
RUSSIAN, per, Problemy Endokrin i  
Gormonoterapii, No 3, 1959, pp 80-87.

\*JPRS

Selected Articles From the Russian  
Periodical Sovet Med, Vol XXV, No 11,  
1960.

Effect of Novocaine on Experimental  
(Alimentary) Atheromatosis of the  
Aorta and on Blood Cholesterol and  
Lecithin, by S. Kh. Sidorovich, 9 pp,  
(pp 52-55).

JPRS 7767

Prolonged Ascorbic Acid Therapy of  
Patients Suffering From Atherosclero-  
sis of the Coronary Vessels, by Ye. P.  
Fedorova, 9 pp, (pp 56-60).

JPRS 7768

Effect of a Combined Hypochlorite  
and Vegetable Fat Diet on the  
Cholesterol Level, Lipoproteins, and  
Protein Fractions of the Blood Serum of  
Atherosclerotic Patients, by V. Ye.  
Anisimov, Ye. I. Yershov, 7 pp, (pp 61-64).

JPRS 7769

On the Rational Therapy of Myocardial  
Infarct Patients During the Period  
of Convalescence, by I. I. Poroshina,  
14 pp. (100-106).

JPRS 7770

Scientific  
Medicine (Contd)

Selected Articles From the Russian  
Periodical Sovet Med, Vol XXV, No 11,  
1960.

On the Etiology, Pathogenesis, and  
Clinical Picture of a Complete  
Atrioventricular Block, by Lubomir  
Rusev, 7 pp, (pp 120-123).

JPRS 7771

Changes of Arterial Pressure in  
Reserpine-Treated Hypertensive  
Disease Patients During Certain  
Emotions and a Cold Test, by G.  
Ye. Natanzon, 6 pp, (pp 132-134).

JPRS 7772

Experience in the Employment of Syreniotoxin,  
A New Soviet Cardiac Glucoside, on Patients  
Suffering From Circulatory Insufficiency,  
by V. M. Nadot, 11 pp, (pp 138-143).

JPRS 7773

Comparative Evaluation of Convallatoxin  
and Strophanthin, by K. A. Khasanova,  
9 pp, (pp 144-148).

JPRS 7774

Selected Articles From the Russian  
Periodical Sovet Zdravookh.

Vol XIX, No 7, 1960, pp 14-19.

\*USDA

Organization of Scientific and  
Practical Assistance of the Insti-  
tute for the Advanced Training of  
Physicians to Public Health Agencies  
and Institutions, by N. V. Sibirkin,  
B. D. Petrakov.

No 11, 1960, (NY-6005).

\*JPRS

Criticism of Freud Teachings With Re-  
spect to the Assessment of Occupational  
Activities, by O. V. Perov, (pp 15-20).

On the Groundlessness of the Idealistic  
Theory of Stress by Selier, by S. M.  
Pavlenko, (pp 20-26).

Scientific  
Medicine (Contd)

Selected Articles From the Russian  
Periodical Sovet Zdravookh.

Vol XX, No 1, 1961, pp 21-25, (NY-6114).

\*JPRS

Experienced Gained in Analysis of the  
Incidence of Cardiovascular Diseases  
Among Workers at Individual Industrial  
Enterprises, by S. Ya. Gusakova.

Vol XX, No 2, 1961, (NY-6113).

\*JPRS

Experience in the Study of the Scope  
of Hygienic Knowledge and Behavior of  
the Population in Relations to the  
Prophylaxis of Cardiovascular Diseases,  
by A. T. Arustamova, (pp 10-16).

Regional Characteristics of the Distri-  
bution of Cancer and Health Education, by  
L. V. Orlovskiy, (pp 16-20).

On Antialcoholic Propaganda in the USSR  
and in the Capitalist Countries, by I. S.  
Sokolov, (pp 25-29).

On the Prophylactic Survey of the  
Population, by M. A. Perebatova, (pp 65-68).

A Comparison of Mortality and Natality  
Figures in the USSR and the Capitalist  
Countries, by A. M. Merkov, (pp 68-72).

Selected Articles From the Russian  
Periodical Terapev Arkhiv.

Vol XXXII, No 10, 1960, pp 84-89.

Secretory and Excretory Gastric Functions  
in Chronic Alcoholism, by N. K. Babakhodzhayev,  
10 pp.

JPRS 7743



Scientific  
Medicine (Contd)

Selected Articles From the Russian  
Periodical Terapev Arkhiv.

Vol XXXII, No 12, 1960.

JPRS 7895

Hypertensive Disease and Aldosterone,  
by Ye. N. Gerasimova, 6 pp, (pp 34-38).

Changes in the Blood Cholesterol  
Level in Atherosclerosis Patients  
Under the Effect of a Nonspecific  
Stimulant, by L. S. Yudanov, 7 pp,  
(pp 38-42).

JPRS 7896

The Diagnostic Significance of an  
Electrophoretic Study of Blood  
Protein Fractions in Stenocardia,  
by G. A. Gel'fer, 10 pp, (pp 42-47).

JPRS 7897

Vol XXXIII, No 1, 1961, (NY-6041).

\*JPRS

On the Early Recognition of Cancer  
of the Lungs, by A. I. Savitskiy,  
(pp 3-9).

Pathogenesis of Arterial Hypoxemia  
in Patients Suffering From Hypertension,  
by I. F. Lulakov, (pp 14-18).

On the Problem of the Role of Sodium  
in the Genesis of Hypertension in  
Bright's Disease, by M. M. Mendel'son,  
(pp 19-26).

On the Effect of Sex Hormones and  
Vitamin E on the Cholesterol Level in  
the Blood Serum of Patients Suffering  
From Atherosclerosis, by N. V.  
Shirmina, V. P. Stronkovskiy, (pp 26-29).

Effect of Betacitosterine on the Level  
of Blood Lipids in Patients Suffering  
From Atherosclerosis of the Coronary  
Arteries, by N. M. Veysman, L. M.  
Georgiyevskaya, (pp 29-35).

Scientific  
Medicine (Contd)

Selected Articles From the Russian  
Periodical Terapev Arkhiv.

Vol XXXIII, No 1, 1961, (NY-6041).

\*JPRS

The Cholesterol Level in the Blood  
of Young People as an Index of Pre-  
disposition to Atherosclerosis, by  
F. V. Karapetyan, (pp 36-40).

Characteristics of Hemopoiesis in  
Patients With Congenital Heart Defects  
of the Blue Type, by Z. A. Gasteva,  
(pp 79-84).

Full Translation of Cytology, (NY-6117).  
RUSSIAN, per, Tsitologiya, Vol III,  
No 1, 1961.

\*JPRS

The Principle of Creating Cancerolytic  
Preparations of Directed Action, by  
I. L. Knunyants, N. Ye. Golubeva, O. V.  
Kil'disheva, 10 pp.  
RUSSIAN, per, Uspekhi Sovrem Biol, Vol I,  
No 2 (5), 1960, pp 167-173.

JPRS 7819

Selected Articles From the Russian  
Periodical Vest Ak Med Nauk SSSR.

Vol XV, No 10, 1960.

On the Problem of the Formation of  
Antiantibodies, by G. N. Kryzhanovskiy,  
L. A. Pevnitskiy, 21 pp, (pp 18-29).

JPRS 7826

Vital Problems of Gerontology, by  
P. D. Marchuk, 7 pp, (pp 55-59).

JPRS 7828

The Second Inter-Institute Conference  
on Problems of Radiation Microbiology  
and Immunology, by V. L. Troitskiy,  
8 pp, (pp 73-76).

JPRS 7830

Scientific  
Medicine (Contd)

Selected Articles From the Russian  
Periodical Vest Ak Med Nauk SSSR.

Vol XV, No 11, 1960.

Development of Methods of Emergency  
Prophylaxis (Experimental Data and  
Further Perspectives), by I. I.  
Rogozin, V. D. Belyakov, A. A.  
Il'chenko, 28 pp, (pp 10-25).

JPRS 7869

Data on the Pathological Anatomy  
of Complications Following Surgical  
Therapy of Congenital Cardiac Defects,  
by L. D. Krymskiy, 18 pp, (pp 38-46).

JPRS 7870

On the Nature of Incompatibility in  
the Transplantation of Organs, by Yu.  
Ya. Gritsman, 6 pp, (pp 63-66).

JPRS 7871

On the Work of the Bureau of the  
Medico-Biological Division of Sci-  
ences of the Academy of Medical  
Sciences USSR During the First Half  
Year of 1960, by N. A. Krayevskiy,  
S. Ye. Karandayev, 14 pp, (pp 67-72).

JPRS 7872

Scientific Research in the Field of  
Hypertension, Arteriosclerosis and  
Coronary Insufficiency in 1960, by  
A. L. Myasnikov, I. A. Ryvkin, 10 pp,  
(pp 72-75).

JPRS 7873

Vol XVI, No 1, 1961, (NY 6044).

\*JPRS

Medical Science in the Service of Public  
Health, by N. N. Blokhin, (pp 3-7).

Organization of Experimental-Physiological  
Investigations on the Problem of Athero-  
sclerosis, by N. N. Anichkov, T. A. Sinitsyna,  
(pp 8-13).

Experiences in the Expeditional Investiga-  
tion of Regional Characteristics of the  
Distribution of Malignant Tumors in the  
USSR (Some Results of Seven Expeditions of  
the Academy of Medical Sciences USSR), by  
A. V. Chaklin, O. V. Svyatukhina, L. V.  
Orlovskiy, (pp 40-49).

Scientific  
Medicine (Contd)

Selected Articles From the Russian  
Periodical Vest Ak Med Nauk SSSR.

Vol XVI, No 2, 1961, pp 79-90, (SF-1698).

\*JPRS

Current Problems of the Physiology,  
Morphology, Pharmacology and Clinical  
Picture of Reticular Formations of  
the Brain (A Review of the Status of  
the Problem on Data of the First Com-  
bined Scientific Conference Devoted  
to the Study of Reticular Formations  
of the Brain), by P. K. Anokhin, V. G.  
Agafonov.

\*JPRS

Possibilities and Limits of Contemporary  
Surgical Therapy of Burns, by V. O.  
Verkholetov, (NY-6042).

RUSSIAN, per, Vest Khirurgii imeni I. I.  
Grekov, Vol LXXXVI, No 1, 1961, (pp 109-115).

\*JPRS

Experimental Use of Cutaneous Auto- and  
Homoplasty, by M. A. Kozlov, D. P. Vlatskiy,  
(NY-6042).

RUSSIAN, per, Vest Khirurgii imeni I. I.  
Grekov, Vol LXXXVI, No 1, 1961, pp 115-119.

\*JPRS

Main Paths of the Development of Scientific  
Investigations in the Area of Radiology During  
the Current Seven-Year Plan, by G. A.  
Zedgenidze, A. V. Kozlova, (NY-6043).  
RUSSIAN, per, Vest Rentgenol i Radiol,  
Vol XXXVI, No 1, 1961, pp 3-10.

\*JPRS

Doses to Which Patients are Exposed  
During Roentgenological Investigations,  
by V. P. Viktorina, E. Ye. Troitskiy,  
I. Ye. Pasynkova, (NY-6043).

RUSSIAN, per, Vest Rentgenol i Radiol,  
Vol XXXVI, No 1, 1961, pp 44-49.

\*JPRS

Dosimetric Investigation of Ionization  
Chambers for Soft X-Ray Irradiation, by A. V.  
Frolova, A. N. Kromgauz, S. I. Shul'gina,  
V. G. Bobylev, (NY-6043).

RUSSIAN, per, Vest Rentgenol i Radiol,  
Vol XXXVI, No 1, 1961, pp 48-53.

\*JPRS

Scientific  
Medicine (Contd)

Using Fluorescent Antibodies for the  
Detection of Pathogens Causing Para-  
typhoid Toxicoinfections, by A. P.  
Larionov, N. A. Kuz'min.

RUSSIAN, per, Veterinariya, Vol XXXVI,  
No 3, 1959, pp 68-73. 9075526

USDA

Effect of an Apple Diet on the Clinical  
Manifestations of Hypertensive Disease,  
by B. S. Levin, 20 pp.

RUSSIAN, per, Voprosy Pitaniya, Vol XVIII,  
No 1, 1959, pp 26-34. 9074390

NIH 1-10-61

Effect of Irradiated Food Products on the  
Reproduction Function of Rats and Their  
Progeny, by G. I. Bondarev, (SF-1673).  
RUSSIAN, per, Voprosy Pitaniya, Vol XIX,  
No 6, Nov/Dec 1960, pp 18-22.

\*JPRS

Experimental Tick Relapsing Fever in the  
Jackal (Canis Aureus L.), by G. V. Serdyukova,  
7 pp.

RUSSIAN, per, Works of Kirova Military  
Med Acad, Vol XVIII, 1939, pp 51-57.

NIH 1-20-61

Aerosol Immunization With Dry Living  
Vaccines and Anatoxins. Rpt IV.  
Character and Dynamics of the Vaccinal  
Process in Aerosol Immunization With Brucel-  
losis, Tularemia, Anthrax and Anti-Plague,  
by N. I. Aleksandrov, N. E. Gefen, K. G.  
Gapochko, N. S. Garin.

RUSSIAN, per, Zhur Mikrobiol, Epidemiol  
i Immunobiol, No 12, 1960, pp 38-44.  
9075532

USDA

On the Nature of the Hangover and Reasons  
for the Excessive Use of Alcohol, by A. V  
Zav'yalov, 8 pp.

RUSSIAN, per, Zhur Nevropatol i Psikhatrii  
imeni S. S. Korsakova, Vol LX, No 11, 1960,  
pp 1510-1514.

JPRS 7702

Synthesis of Glucosido-2-Glucose, by A. M.  
Gakhokidze, 23 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XI, No 2,  
1941, pp 117-126. 9074516

NIH 1-13-61

Scientific  
Medicine (Contd)

Thought Transmission -- Is It Possible?  
(NY-6077).

RUSSIAN, per, Znaniye-Sila, No 12, 1960,  
pp 18-23.

\*JPRS

Role of the Dispensaries in Preventing  
Relapses in Certain Psychoses, by S.  
Shivacheva, D. Kolarova-Paneva, 18 pp.  
BULGARIAN, per, Suvremenna Meditsina,  
Vol XI, No 1, 1960, pp 53-62.

JPRS 6844

Selected Articles From the Chinese Book  
Ch'ing-chu Chien-kuo Shih-chou-nien  
I-hsueh K'o-hsueh Ch'eng-chiu Lun-wen  
Chi, Vol I, 1959.

Progress and Trend of Physiological  
Research in New China, by Chang  
Hsi-chun, 21 pp, (pp 60-64).

JPRS 7463

Contributions to the Electrophysiology  
of Vision, by Chang Hsian-t'ung, 16 pp,  
(pp 64-68).

JPRS 7463

Problems Related to Chemoreceptor  
Reflexes, by Shen Chi-ch'un, 18 pp,  
(pp 68-74).

JPRS 7463

Some Achievements in Physiological Research  
on Human and Animal Higher Nervous Activity,  
by Chao I-ping, 14 pp, (pp 74-78).

JPRS 7463

The Nature of the State of Readiness,  
by Ts'ai Ch'iao, 20 pp, (pp 78-84).

JPRS 7463

Determination of Depth of Sleep and Its  
Pattern of Variation, by Ts'ai Ch'iao,  
26 pp, (pp 85-92).

JPRS 7463

The Physiologic Action of Acetylcholine,  
by Chang Hsi-chun, 13 pp, (pp 93-96).

JPRS 7463

Scientific  
Medicine (Contd)

Selected Articles From the Chinese Book  
Ch'ing-chu Chien-kuo Shih-chou-nien  
I-hsueh K'o-hsueh Ch'eng-chiu Lun-wen  
Chi, Vol I, 1959.

Regular Patterns of Canine Gastric  
Movements and Their Nervous Mechanisms,  
by Chu Jen-pao, Ou Yang-yen, Chang  
Yun-hsiang, Shih Shou-ch'ien, 23 pp,  
(pp 96-103).

JPRS 7463

The Histochemical Orientation of  
Adenosinetriphosphatase and Its  
Relation to the Secretory Function  
of Digestive Glands, by Wang  
K'un-jen, 20 pp, (pp 103-108).

JPRS 7463

Studies on Early Changes in Physiologic  
Functions During the Course of Silicosis,  
by Chang Hsi-chun, 24 pp, (pp 108-115).

JPRS 7463

Progress in Medical Microbiology, by  
Hsieh Shao-wen, 18 pp, (pp 271-278).

JPRS 7607

Progress in the Prevention of Bacil-  
lary Dysentery, by Hsieh Shuo-wen,  
22 pp, (pp 278-288).

JPRS 7607

Translation of pp 291-398, (SF-1672).

\*JPRS

Selected Articles From the Chinese Periodical  
Chung-hua Nei-k'o Tsa-chih.

Vol VIII, No 1, 1960, pp 16-22.

JPRS 4465

Achievements in Influenza Research  
Since Liberation, by Chu Chi-ming,  
17 pp.

Vol VIII, No 3, 1960, (NY-6009).

\*JPRS

Analysis of Chinese Traditional Medicine  
in Treatment of 140 Cases of Chronic  
Nephritis and Recapitulation, by Chang  
Shu-chi, (pp 203-209).

Scientific  
Medicine (Contd)

Selected Articles From the Chinese Periodical  
Chung-hua Nei-k'o Tsa-chih.

Vol VIII, No 3, 1960, (NY-6009).

\*JPRS

Clinical Studies on Gastric and Duodenal  
Ulcers in the Past Decade, by Cheng  
Chih-t'ieh, (pp 212, 213).

Diathermy in Treatment of Gastric and  
Duodenal Ulcers, by Ch'en Ta-kuang,  
(pp 213-216).

Intra-Arterial Novocain Injection in  
Treatment of Gastric and Duodenal Ulcers,  
by Wang Pao-en, N. K. Gorbadey, (pp 217-220).

Roentgenological Observations on Efficacy  
of Intra-Arterial Novocain Injection in  
Treatment of Gastric and Duodenal Ulcers,  
by Li Sung-nien, (pp 220, 221, 295).

Preliminary Observations on Novocain  
Ionophoresis in Treatment of Peptic Ulcers  
and Chronic Gastritis, by Tsou Ch'i-chun,  
(pp 222, 223).

Observations of Efficacy of "K'uei-yang-wan  
(Ulcer Pills) in Treatment of 384 Cases of  
Gastric and Duodenal Ulcers, by Liu  
K'uan-jen, (pp 224-226).

Observations on the Early Effects of Liquid  
Extract of Licorice Root in Treatment of 100  
Cases of Peptic Ulcers, by Li Shih-mei,  
Yeh Jen-kao, (pp 226-229).

Comparative Study of "Wu-bei-san" (Pulverized  
Cuttlefish and Fritillaria), of Liquid  
Extract of Glycyrrhiza, and of General  
Treatment in Peptic Ulcers: Observation on  
the Early Effects, by Chang Yu, (pp 230, 231).

Analysis of 280 Cases of Peptic Ulcers, by  
Wang Pao-en, (pp 232-237).



Scientific  
Medicine (Contd)

Selected Articles From the Chinese Periodical  
Chung-hua Nei-k'o Tsa-chih.

Vol. VIII, No 3, 1960, (NY-6009).

\*JPRS

Clinical Analysis of 203 Cases of Gastric and Duodenal Ulcers, by Yang Shih-fan, Kuan Shuang-yin, (pp 237-240).

The Clinical Significance of Hyperesthetic Zones in Patients With Peptic Ulcers, by Chang Chin-k'un, (pp 240-242, 297).

Achievements in Diagnosis and Treatment of Massive Hemorrhage in the Upper Digestive Tract During the Past Decade, by Su Ch'i-chen, (pp 242-246).

Clinical Analysis of 210 Cases of Gastric and Duodenal Ulcers Complicated by Bleeding, by Shen Jun-tseng, (pp 246-248).

Clinical Observations on the Efficacy of Sanguisorba Officinalis L. (Garden Burnet) in Treatment of 60 Cases of Peptic Ulcer With Massive Bleeding, by Yang Ching-k'uan, (pp 248, 249).

Chinese Arborvitae (Thuja Orientalis L.) Leaves in the Treatment of Peptic Ulcers With Bleeding: Preliminary Report of 50 Cases, by Ni Ta-jen, Ch'en Chieh-hsien, (pp 249, 250).

China's Progress in Gastroscopy in the Past Decade, by Wu Hsi-ch'en, (pp 250-254).

Traditional Pharmaceutical Preparation, "Shih-lei-san", in Treatment of Chronic Colitis, by Cho Huan-tz'u, Hsu Ching-ying, (pp 254-257).

Liver Needle Biopsy in Hepatomegaly of Unknown Etiology: Analysis of 362 Cases, by Ch'ien Yueh-nien, (pp 257-261).

Toxicopathic Hepatitis Due to Antimony Compounds: Clinical Analysis of 29 Cases, by Cheng Chia-shun, (pp 261-265).

Scientific  
Medicine (Contd)

Selected Articles From the Chinese Periodical  
Chung-hua Nei-k'o Tsa-chih.

Vol VIII, No 3, 1960, (NY-6009).

\*JPRS

Seven-Day Tartar Emetic Treatment of  
Schistosomiasis: Supplementary Report  
and Follow-Up Observations, by Liu  
Chun-shih, Chang Chih-hsien, (pp 266-268).

Observations on the Efficacy of Chloro-  
thiazide in Controlling Cirrhotic Ascites  
in Late Schistosomiasis: Report of 36  
Cases, by Chou Hsueh-chang, Huang Fu-ming,  
(pp 268-271).

Diagnostic Value of Splenic Portography,  
by P'an Pai-ssu, Yao Pi-ch'eng, (pp 272-276).

Filariasis Survey in Tsung-chiang Hsien,  
Kweichow Province, by Li Shu-leng,  
(pp 277-279).

Paroxysmal Auricular Tachycardia in  
Atrioventricular Block as Affected by  
Change in Position: Report of a Case,  
by Yuan Shu-nan, (pp 294-296).

Vol VIII, No 5, 1960.

JPRS 7301

Clinical Studies on Leukemia During the  
Past Decade, by Yang Ch'ung-li, 23 pp,  
(pp 414-418).

China's Research on Purpura in the Past  
Decade, by Ch'en Yueh-shu, 10 pp,  
(pp 434-436).

Significance of Virocytes in Diagnosis  
of Infectious Hepatitis (With Analysis  
of Hemograms of 118 Cases), by Wei  
I-ch'ung, 9 pp, (pp 454-456).

Report on Six Cases of Acute E 1059  
(Systox) Poisoning, by Chang Li-sheng,  
Lou Hsiang-yun, 8 pp, (pp 486-488).

Scientific  
Medicine (Contd)

Report on Dermomycoses Found in Chungking  
in Past Three Years and Analysis of Their  
Respective Pathogens, by Ch'en Shih-yen,  
Ho Mei-ying, 10 pp.

CHINESE, per, Chung-hua P'i-fu-k'o Tsa-chih,  
Vol VII, No 6, 15 Dec 1959, pp 374-376.

JPRS 4465

Selected Articles From the Chinese Periodical  
Jen-min Pao-chien.

Vol II, No 4, 1960.

JPRS 4465

Relation Between State of Vitamin A  
Nutrition and Visual Field, by Cheng  
Chien-chung, Wang Ch'eng-fa, Ch'en  
Jen-chun, 11 pp, (pp 202-205).

A Preliminary Investigation Into  
Epidemiology of Brucellosis in Chang-  
chia-k'ou Area, by Sun Heng-lin,  
Kuo Chih-chung, Chao Wen-kuo, 9 pp,  
(pp 217-219).

Vol II, No 5, 1960.

Nutritional Surveys of Peasants in  
Suburban Shanghai Before and After  
Communalization, 19 pp, (pp 258-262).

JPRS 7183

Observations on the Prophylactic Effect  
of Oral Dysentery Vaccine, by Hsu Tao-yin,  
Huang An-li, Huang Hao, Ting Ho-chen,  
6 pp, (pp 269, 270).

JPRS 7193

Survey of Dysentery Bacillus Types Found  
in Kirin City in 1957, by Chang Ching-ho,  
Tseng Hui-ch'un, Li Yu-hsing, Chiu  
Hui-fang, 4 pp, (pp 270, 271).

JPRS 7193

Survey of Dysentery Bacillus Types Found  
in An-shan, by Chiao Yu-yung, Lu Su-yung,  
5 pp, (pp 272, 273).

JPRS 7193

Efficacy of Portulaca in Prevention of  
Dysentery, 3 pp, (pp 273, 274).

JPRS 7193

Scientific  
Medicine (Contd)

Selected Articles From the Chinese  
Periodical Jen-min Pao-chien.

Vol II, No 6, 1960.

Riboflavin, Ascorbic Acid and Carotene  
Contents of Vegetables as Affected by  
Winter Storage in Shanghai, by Yao  
Shih-ts'ai, Yang Chun, Wang Cheng-fa,  
11 pp, (pp 315-318).

JPRS 7183

Clinical Observations and Biochemical  
Research on Beriberi, 9 pp, (pp 320-322).

JPRS 7183

Clinical Significance of Leukocyte  
Phagocytic Reaction in the Early Diagnosis  
of Bacillary Dysentery, 8 pp, (pp 326-328).

JPRS 7193

Comparative Study of the Paper Disk and  
Test Tube Methods for the Determination  
of Drug Sensitivity in Dysentery Bacilli,  
by Liu Chi-ch'ang, Wang Feng-lien, Chung  
Ting-hai, 4 pp, (pp 328, 329, 331).

JPRS 7193

Observations on Human Reaction to Oral  
Administration of Polyvalent Dysentery  
Vaccine and the Epidemiologic Results,  
17 pp, (pp 374-377).

JPRS 7193

Vol II, No 7, 1960.

JPRS 7183

Experiments on Increasing Ascorbic Acid  
Content of Bean Sprouts Grown in Plateau  
Region, by Fang Yun-chung, Pan Kuang-hsi,  
6 pp, (pp 368, 369).

Ascorbic Acid, Riboflavin and Carotene  
Contents of Vegetables as Affected  
by Ordinary Methods of Cooking, by  
Chiang Tsai-fu, Liu En-po, Kwan Chieh,  
T'ang Hsueh-ming, 14 pp, (pp 369-373).

Inhibitory Action of Some Elements of Influenza Virus. III, by Wang Shan-yuan, (SF-1603).  
CHINESE, per, K'o-hsueh T'ung-pao, No 7,  
12 Apr 1958, pp 215-218.

\*JPRS

Scientific  
Medicine (Contd)

The Inhibitory Action of Some Elements  
on Influenza Virus, IV, by Wang Shan-  
yuan, (SF-1601).

CHINESE, per, K'o-hsueh T'ung-pao, No 8,  
27 Apr 1958, pp 246-248.

\*JPRS

First All-China Scientific Conference on  
Biochemistry, by Ch'i Cheng-wu, 6 pp.

CHINESE, per, K'o-hsueh T'ung-pao, No 5,  
11 Mar 1960, pp 157-158.

JPRS 4465

Change of the Peak of Snoek During  
Homogenization, by Lung Chi-wei, (SF-1649).

CHINESE, per, K'o-hsueh T'ung-pao, No 7,  
11 Apr 1960, pp 221, 222.

\*JPRS

Regulation on the Keeping and Distribution  
of Poisons, 7 pp.

CROATIAN, per, Sluzbeni List FNRJ, Vol XVI,  
No 45, 9 Nov 1960, pp 827-829.

JPRS 6844

Role of Medical Geography in Study of  
Czechoslovak Contamination of Air, Water,  
and Soil, by Jiri Kral, (SF-1607).

CZECH, per, Geograficky Casopis, Vol XII,  
No 4, 1960, pp 247-252.

\*JPRS

Trip of the Delegates of the Finnish Veterinary  
Science Institute to the USSR, by V. Rislakki,  
10 pp.

FINNISH, per, Suomen Elainlaskarilehti,  
Vol LXVI, No 9, 1960, pp 499-510.

JPRS 6883

Experimental Pathology: Comparison Among  
New and Immunized Animals of Histiocytotic  
Reactions in Experimental Lesions Induced  
by Anthrax Bacteria.

FRENCH, per, Comptes Rendus Hebdomadaires  
des Seances de l'Acad des Sciences, Vol CCVIII,  
Jan/Feb 1938, pp 1762-1764.

\*ACSI H-8026  
ID 2156410

Scientific  
Medicine (Contd)

Turner's Syndrome and Congenital Renal Anomalies. A Case With Horseshoe Kidney and Phosphatic Diabetes, by P. Rambert, J. Canivet, J. Quichaud, et al, 18 pp. FRENCH, per, La Presse Medicale, Vol LXVIII, No 49, 5 Nov 1960, pp 1836-1838.

NIH 1-6-61

Persistence in Loco and Reactivation of Attenuated Anthrax Spores, by H. Velu, G. Zottner. FRENCH, per, Societe de Biologie, Vol CXXII, 1936, pp 256, 257.

\*ACSI H-8239  
ID 2158103

Specifications for the Veterinary-Hygienic Inspection of Slaughter Animals and the Veterinary-Hygienic Inspection of Meat and Meat Products, by D. D. Ivanov, N. F. Ryausova, V. G. Blokhina, 59 pp. GERMAN, bk, Richtlinien fuer die Veterinar-Hygienische Beschau von Schlachttieren und die Veterinar-Hugienische Beurteilung von Fleisch und Fleischwaren, 1959, pp 1-75.

JPRS 7248

Studies on the Biophysics of Ballistocardiography, by Martin Rodenbeck, 72 pp. GERMAN, bk, Untersuchungen zur Biophysik der Ballistokardiographie, 1959.

JPRS R-1410-D

On the Effect of Diluent Solutions on the Result of Bacterial Counts in Irradiated and Frozen Fish, by W. Schmidt-Lorenz, 14 pp. GERMAN, per, Arch Lebensmittelhygiene, Vol XI, No 3, 1960, pp 60-64.

AEC NP-tr-494

Ultra Sound and Ear Region, by Hansheinz Naumann, 67 pp. GERMAN, per, Archiv fuer Ohren-Nasen-und Kehlkopfheilkunde, Vol CLX, 1951, pp 240-292.

NIH 1-28-61

On the Tongue Shaped Process of the Right Lobe of the Liver and Its Pathognostic Importance in Disease of the Gallbladder With Some Additional Remarks on Surgery for Gallstones, by Riedel, 31 pp. GERMAN, per, Berliner Klinische Wochenschrift, Vol XXV, 1888, pp 577-581, 602-607.

NIH 1-31-61

Scientific  
Medicine (Contd)

On the Pathogenesis of Acute Pancreatic Hemorrhage and Necrosis, by E. A. Polya, 11 pp.

GERMAN, per, Berliner Klinische Wochenschrift, Vol XLIII, 3 Dec 1906, pp 1562-1565.

NIH 1-23-61

The Law of the Transformation of Bones, by Julius Wolff, 10 pp.

GERMAN, per, Deutsche Medizinische Wochenschrift, Vol XLVII, No 23, 1893, pp 1222-1224.

NIH 1-27-61

Bright's Disease, by Franz Volhard, 52 pp.

GERMAN, per, Die Doppelseitigen Hamatogenen Nierenerkrankungen, Julius Springer, 1918.

NIH 1-30-61

Regulations for the Prevention of Polio, (DC-5515).

GERMAN, per, Gesetzblatt der Deutschen Demokratischen Republik, Part II, No 4, 24 Jan 1961, pp 11, 12.

\*JPRS

Hemodynamics of the Kidney Medulla.

1st Report. Time of Capillary Passage, Blood Volume, Blood Flow, Tissue Hemstocrit and O<sub>2</sub> Consumption of the Kidney Medulla in Situ, by K. Kramer, K. Thureau, P. Deetjen, 37 pp.

GERMAN, per, Pflugers Archiv, Vol CCLXX, 1960, pp 251-269.

NIH 1-2-61

Hemodynamics of the Kidney Medulla. 2nd Report. Correlation Between the Vascular and Tubular Counter Current System Upon Increased Arterial Pressure, Water Diuresis and Osmotic Diuresis, by K. Thureau, P. Deetjen, Kurt Kramer, 30 pp.

GERMAN, per, Pflugers Archiv, Vol CCLXX, 1960, pp 270-285.

NIH 1-1-61

Bismuth-206 Complexes in Experimental Leukaemia in Mice, by I. F. Passalacqua, 8 pp.

GERMAN, per, Strahlentherapie, Vol CVIII, 1959, pp 257-261.

AEC NP-tr-429

Scientific  
Medicine (Contd)

The Influence of Infections and Similar Processes on Iron Metabolism. 1st Report. The Influence of Infections, Intoxications and of Sensitization Against Serum Foreign to the Species on the Total Iron Content as a Measure for the Iron Requirement of the Organism, by Karl-Heinz Schafer, 38 pp. GERMAN, per, Z fuer der Ges Exper Med, Vol CX, 1942, pp 678-696.

NIH 1-11-61

The Influence of Infections and Similar Processes on Iron Metabolism. 2nd Report. The Intermediate Iron Shifts Appearing in the Course of Infections and Intoxications, by Karl-Heinz Schafer, 32 pp. GERMAN, per, Z fuer der Ges Exper Med, Vol CX, 1942, pp 697-712.

NIH 1-12-61

Antituberculosis Campaign in the United Arab Republic, by K. Benkar, Ch. Shaghouri, 11 pp. GERMAN, per, Z fuer der Gesamte Hygiene, Vol VI, No 5, 1960, pp 286-293.

ACSI H-7641  
ID 2152366

The Electron Microscopic "Staining" of Collagen and the Development of a Highly Subdivided Cross Striation, by K. Kuhn, W. Grassmann, U. Hofmann, 22 pp. GERMAN, per, Z fuer Naturforsch, Vol XIIIb, 1958, pp 154-160.

NIH 1-8-61

Sontochin (Nivaquine) in Its Therapeutic Effect With Malaria, by W. Menk, W. Mohr, 22 pp. GERMAN, per, Z fuer Tropischemedizin und Parasitologie, Vol II, No 3, 1950, pp 351-361.

NIH 1-5-61

Clinical Discussion of Some Infectious Diseases Which Can Be Used as Bacteriological Weapons, by Bela Keleti, 17 pp. HUNGARIAN, per, Honvedorvos, Vol XII, No 4, Oct-Dec 1960, pp 269-279.

JPRS 4460



Scientific  
Medicine (Contd)

Organization and Tasks of the Committee on Psychology of the Hungarian Academy of Sciences, by Pal Gegesi Kiss, (SF-1610).

HUNGARIAN, per, Magyar Pszichologiai Szemle, Vol XVII, No 1, 1960, pp 1-8.

\*JPRS

The First Congress of Bulgarian Radiologists and a Visit to Bucharest, by Gabor Jona, (SF-1591).

HUNGARIAN, per, Magyar Radiologia, Vol XIII, No 1, 1961, pp 54-57.

\*JPRS

The Problem of Epidemic Poliomyelitis at the Hungarian-Soviet Medical Meetings, by Antal Babics, 4 pp.

HUNGARIAN, per, Magyar Tudomány, Vol V, No 12, 1960, pp 753-755.

JPRS 6880

Phagocytosis in Vitro of Capsulated Anthrax Bacilli by Leukocytes of Immunized Animals, by D. Boari, 18 pp.

ITALIAN, per, Giornale di Batteriologia e Immunologia, Vol XX, No 1, 1938, pp 1-18.

ACSI H-7929  
ID 2156385

Effect of Ultra-Sounds on the Reparative Process of Fractures, by C. Murolo, C. Francesco, 5 pp.

ITALIAN, per, Giornale Italiano di Chirurgia, Vol VIII, Nov 1952, pp 897-903.

NIH 1-29-61

Pulmonary Volumetrical Studies of 124 Athletes From the Ages 20 to 39, by G. Fumagalli, R. Serra, S. Bergolla.

ITALIAN, per, Revista di Medicina Aeronautica e Spaziale, Vol XXIII, No 3, 1960, pp 319-346.

\*ATIC MCL-787/1

Modifications in the Electrocardiogram of Albino Rats Submitted to Tangential Accelerations - Transverse - First and Afterwards Splenectomy, by C. Vacca, L. Varca.

ITALIAN, per, Revista di Medicina Aeronautica e Spaziale, Vol XXIII, No 3, 1960, pp 347-367.

\*ATIC MCL-787/1

Scientific  
Medicine (Contd)

Change in Body Weight, in Cardiac Frequency  
and in Arterial Pressure in 1000 Italian  
Pilots in Relation to Age and to Activity  
of Flight, by A. Scano.

ITALIAN, per, Revista di Medicina  
Aeronautica e Spaziale, Vol XXIII, No 3,  
1960, pp 368-384.

\*ATIC MCL-787/1

Quantitative Evaluation of Balistacardiogram  
After Muscular Work, by E. Busnengo.

ITALIAN, per, Revista di Medicina  
Aeronautica e Spaziale, Vol XXIII, No 3,  
1960, pp 385-396.

\*ATIC MCL-787/1

Effects of Barometrical Depression and of  
Some Pharmaceutical Tranquilizers on the  
Spontaneous Motor Activity of the Mouse,  
by F. Sparvieri.

ITALIAN, per, Revista di Medicina  
Aeronautica e Spaziale, Vol XXIII, No 3, 1960,  
pp 397-402.

\*ATIC MCL-787/1

Surgical Lung Decortication in Constructive  
Pleuretes and Constructive Pericarditis, by  
T. Boszkiewicz, 10 pp.

POLISH, per, Polski Tygodnik Lekarski  
(Warszawa), Vol XIV, (2), 12 Jan 1959,  
pp 63-65.

ACSI H-7947  
ID 2156391

The Bioelectric Activity of the Intestine  
(Electroenterography), by Jan Nielubowicz,  
Jozef Folga, Wanda Wieckowska, 15 pp.

POLISH, per, Polski Tygodnik Lekarski,  
Vol XV, No 31, 1 Sep 1960, pp 1077-1083.

JPRS 6789

Scientists and Research Work in the Medical  
Academies of Poland, by Ksawery Rowinski,  
Part I, II, 23 pp.

POLISH, per, Polski Tygodnik Lekarski, Vol XV,  
No 34, 22 Aug 1960, pp 1321-1327; No 35,  
29 Aug 1960, pp 1366-1369.

JPRS 6842

Seeing in the Dark - Noctovision/Nigh  
Vision, by Stefan Korarski, 17 pp.

POLISH, per, Przegląd Telekomunikacyjny,  
No 3, 1959, pp 84-89.

525th MI Bn  
ID 2152376

Scientific  
Medicine (Contd)

Care and Medical Treatment of the Aged,  
by I. Szenkova, 4 pp.  
POLISH, np, Sluzba Zdrowia, Vol XII,  
No 46, 13 Nov 1960, p 6.

JPRS 6820

Rumania: Experimental Haematological  
Research on Irradiated Rats Treated  
With Homologous Bone Marrow, by V.  
Apateanu, S. Nicoara, Gh. Grigoriu,  
(NY-6120).

RUMANIAN, per, Medicina Interna, Vol XIII,  
No 1, 1961, pp 97-104.

\*JPRS

Comparative Investigations on the Diagnostic  
Value of Complement Fixation and of Intra-  
dermoreactions in Ornithosis, by D.  
Sarateanu, E. Nastac, B. Fuhrer.

RUMANIAN, per, Microbiologia Parazitologia  
Epidemiologia, May/Jun 1960, pp 253-258.

\*ACSI H-8811-A  
ID 2163989

Epidemic Streptococcal Angina of Alimentary  
Origin in an Adult Community, by I. Birzu,  
C. Al. Zaharia, Irina Martian.

RUMANIAN, per, Microbiologia Parazitologia  
Epidemiologia, May/Jun 1960, pp 261-266.

\*ACSI H-8811-B  
ID 2163989

Tasks of the Rayon Head Doctor in Solving  
Health and Epidemiological Problems, 18 pp.  
RUMANIAN, np, Muncitorul Sanitar, Vol XI,  
No 44, 5 Nov 1960, pp 2, 3.

JPRS 6800

Contribution to the Treatment of Tabun  
Poisoning (III) Communication, by P.  
Stern, B. Boskovic.

SERBIAN, per, Vojnosanitetski Pregled,  
Vol XVII, No 10, 1960, pp 1008-1011.

\*ACSI H-8647  
ID 2162134

Studies on Anthrax; Active Immunity of  
Guinea Pig, by Eugenio Suarez H-E Armijo  
P., 18 pp.

SPANISH, per, Revista del Instituto  
Bacteriologico (Chile), Vol VI, No 1/2,  
1937, pp 17-33.

ACSI H-8030  
ID 2156414

Scientific  
Medicine (Contd)

Anthrax Septicemia i Clinical Consideration, by L. Chavosky, F. M. Bouvier, 5 pp.  
SPANISH, per, Semana Medica, Vol II,  
1942, pp 619-621.

ACSI H-8029  
ID 2156413

Inhalation Anthrax and Anthrax Meningo-Encephalitis; Case, by F. F. Inda, N. Natin, 11 pp.  
SPANISH, per, Semana Medica, Vol II,  
1947, pp 890-896.

ACSI H-8031  
ID 2156415

Selected Articles From the Ukrainian Periodical Fiziol Zhur, Vol VII, No 1, 1961, (NY-5951).

\*JPRS

Cosmic Medicine and Its Tasks, by M. M. Syrotynin, (pp 3-8).

The Ecology of Space Flight, by V. I. Danilevko, (pp 9-17).

The Reaction of the Isle Apparatus of the Pancreas During the Radiation Syndrome, by V. V. Tsvetkova, (pp 76-81).

Changes in Protein Fractions of the Blood Serum of Dogs in Acute Radiation Sickness, by Ye. Ye. Chebotarev, (pp 83-91).

Changes in Properties of Monkey Blood Plasma Which Are Toxic for Paramecia in Acute Radiation Sickness, by G. A. K. Dzhabarov, (pp 93-99).

Characteristics of the Innervation of the Pia Mater of the Human Brain in Advanced and Old Age, by G. A. Konstantinovskiy, (pp 113-119).

Scientific  
Minerals/Metals

Physico-Chemical Investigations on Barium and Iron Titanates, by N. I. Shchepochkin, (DC-6033).

RUSSIAN, monograph, Fiziko-Khimicheskiye Issledovaniya Titanatov Bariya i Zheleza, 1958, pp 1-62.

\*JPRS

High-Strength Steels Resistance to Plastic Deformation Under Conditions of Multiple Nonuniform Compression in the Temperature Range Between 20 and 400 Degrees, by M. L. Sorb.

RUSSIAN, bk, Issledovaniya v Oblasti Metallovedeniya i Kontaktnoy Prochnosti Metallov, 1958, pp 92-119, 9660427

ATIC MCL-157/III

The Machining of Hardened Steels, by L. M. Reznitskiy, 455 pp.

RUSSIAN, bk, Mekhanicheskaya Obrabotka Zakalennykh Staley, Jul 1960.

AEC NP-Tr-489

An Investigation of the Distribution of Metal Deformation Throughout the Cross-Section of a Piece Rolled in a Beam Break-down Pass, by P. I. Polukhin, V. T. Zhadan.

RUSSIAN, bk, Obrabotka Stali i Splavov Sbornik XXXVI, Moskovskii...Imen' I. V. Stalina, Moscow, Metallurgizdat, 1951, pp 228-245.

BISI 1877b

Plastic Deformation of Metals, by S. I. Gubkin, (NY-6115).

RUSSIAN, bk, Plasticheskaya Deformatsiya Metallov, Vol III, 1960, 307 pp.

\*JPRS

The Extrusion of Metals, by V. V. Zholobov, G. I. Zverev, 634 pp.

RUSSIAN, bk, Pressovaniye Metallov, 1959, pp 1-543.

JPRS 7855

Problems of Metallography and the Physics of Metals, Parts I and II, 720 pp.

RUSSIAN, bk, Problemy Metallovedeniya i Fiziki Metallov Pyatyy Sbornik Trudov, May 1960.

AEC NP-tr-488

Scientific  
Minerals/Metals (Contd)

Spectral-Analytic Determination of the  
Admixtures in Tungsten Compounds, by L.  
N. Filimonov, N. A. Makulov, Z. A.  
Zakharova.

RUSSIAN, bk, Vsesoyuznoye Soveshchaniye  
Spektroskopistov-Analitikov Tsvetnoy  
Metallurgii, 2d ed, 1957, pp 19-28, 965996

ATIC MCL-635/III

Sorptive Extraction of Uranium From Pulp  
and Solutions, by B. N. Laskorin, 26 pp.  
RUSSIAN, per, Atomnaya Energiya, Vol IX,  
No 4, Oct 1960, pp 286-296.

JPRS 6867

New Modification of Lead Dioxide and the  
Texture of Anodic Deposits, by A. I.  
Zaslavskiy, Y. D. Kondrashev, S. S.  
Tolkachev.  
RUSSIAN, per, Dok Ak Nauk, SSSR, Vol LXXV,  
1950, pp 559-561.

\*NRL

Fatigue Studies of Plated Hot Work Tool  
Steels, by G. W. Lawless, V. F. Lardenoit,  
B. Cohen.  
RUSSIAN, per, Ekspress-Informatsiya,  
Metall i Termooovrabortka, 14 Mar 1960,  
4 pp.

\*ATIC MCL-790/1

Diffusion of Iron in Magnetite, by V. I.  
Izvekov.  
RUSSIAN, per, Inzhenerno - Fiz Zhur, Vol I,  
No 12, 1958, pp 64-68.

Navy 2748/NRL 828

Conditions for the Occurrence of Super-  
plasticity in Cast Eutectics, by A. A.  
Presnyakov, G. V. Starikov.  
RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh  
Nauk, Metall i Toplivo, No 1, 1959,  
pp 75-77.

\*ACSI E-8790  
ID 216778

Scientific  
Minerals/Metals (Contd)

X-Ray Study of Thermal Expansion of  
Nickel-Chromium Alloys, by A. V.  
Progryshchenko, 7 pp.  
RUSSIAN, per, Nauch Dok Vysshey Shkoly,  
Metall, No 1, 1958, pp 218-221.

ACSI H-4026-B  
ID 2162136

Temperature Threshold of Recrystalliza-  
tion of Nickel Alloys, by S. S. Gorelik,  
11 pp.  
RUSSIAN, per, Nauch Dok Vysshey Shkoly,  
Metall, No 1, 1958, pp 226-232.

ACSI H-4026-C  
ID 2162136

The Role of Grains in the Destruction of  
Metals at High and Low Temperatures, by  
V. S. Mes'kin, 10 pp.  
RUSSIAN, per, Nauch Dok Vysshey Shkoly,  
Metall, No 1, 1958, pp 233-238.

ACSI H-4026-D  
ID 2162136

Moduli of Elasticity of Iron - Vanadium  
Alloys, by G. M. Ashmarik, B. N.  
Finkel'shteyn, 4 pp.  
RUSSIAN, per, Nauch Dok Vysshey Shkoly,  
Metall, No 1, 1958, pp 244-246.

ACSI H-4026-E  
ID 2162136

Distortions of the Crystal Lattice of  
Heat Treated Steel, by Ye. L. Gal'perin,  
Yu. S. Terminasov, 6 pp.  
RUSSIAN, per, Nauch Dok Vysshey Shkoly,  
Metall, No 1, 1958, pp 252-255.

ACSI H-4026-F  
ID 2162136

The Thermionic Properties of Tantalates  
of the Alkali-Earth Metals, by B. V.  
Bondareko, S. V. Ermakov, B. M. Tsarev.  
RUSSIAN, per, Radiotekh i Elektron,  
Vol V, No 9, 1960, pp 1553-1555.

Interntl Phys Index  
Electronics Express  
Vol III, No 5

Killed-Steel Ingots of Improved Shape,  
by A. N. Lekontsev.  
RUSSIAN, per, Stal', No 6, 1957, pp 512,  
513.

HB 4708B

Intensification of Steel Melting [In-  
creasing Production of Steel] in Arc Fur-  
naces, by F. P. Yedneral, (SF-1624).  
RUSSIAN, per, Stal', No 11, 1960,  
pp 1004-1007.

\*JPRS

Scientific  
Minerals/Metals (Contd)

Genetic Conditions of the Diamond Mineral-Satellites in the Kimberlites of Yakutia, by N. N. Sarsadskikh, V. S. Rovsha, (NY-6024).

RUSSIAN, per, Zapiski Vses Mineralog Obshch, No 4, 1960, pp 392-399.

\*JPRS

A New Vanadium Mineral -- Rusacovite, by Ye. A. Ankinovich, (NY-6024).

RUSSIAN, per, Zapiski Vses Mineralog Obshch, No 4, 1960, pp 440-447.

\*JPRS

Removal of Corrosion Products From Different Steels, by M. A. Tolstaya, S. V. Bogatyreva, G. N. Gradusov.

RUSSIAN, per, Zavod Lab, Vol XXV, No 10, 1959, pp 1205, 1206.

Navy 2751/NRL 833

Structure of the Alpha-Modification of Lead Dioxide, by A. I. Zaslavskiy, S. S. Tolkachev.

RUSSIAN, per, Zhur Fiz Khim, Vol XXVI, No 5, 1952, pp 743-752.

\*NRL

The Nature and Uses of Aluminum, 6 pp. CHINESE, per, K'o-hsueh Hsin-wen, No 13, 21 May 1959, pp 7, 8.

JPRS 7721

Machinability of New Types of Steel Produced in China, by Hsiung Ta-chang, 3 pp. CHINESE, per, K'o-hsueh Hsin-wen, No 41, 21 Dec 1959, pp 2, 4.

JPRS 7462

Some Growth Characteristics of the Tungsten-Bearing Quartz Vein in Ta-chi Shan and P'an-ku Shan, Kiangsi Province, by Chu Erh-ch'in, (SF-1601).

CHINESE, per, K'o-hsueh T'ung-pao, No 8, 27 Apr 1958, pp 248-249.

\*JPRS

Cementing of Metal.

CZECH, per, Kridla Vlasti, No 3, 1960, p 10, 9660430.

ATIC MCL-665/V



Scientific  
Minerals/Metals (Contd)

Effects of Substitution of Non-Magnetic Impurities on the Magnetic Coupling in Metals, by Y. A. Rocher.

FRENCH, bk, Effet d'Impuretes non Magnetiques de Substitution sur les Couplages Magnetiques des Metaux Application a la Resistivite Electrique.

\*AEC

Study of the Defects in Thin Replica Films of Alumina in Relation to the Structure of Aluminum and Its Alloys, by P. Bussy.

FRENCH, per, Revue de Metallurgie, Vol L, No 9, 1953, pp 629-634.

\*AEC

Brittle Fracture of Sheet Metal Cracks, by W. Soete, 8 pp.

FRENCH, per, Revue de la Soudure Lastijdschrift, No 3, 1959.

ACSI H-8025  
ID 2156409

The Alloying of Platinum With Tungsten, by Ernst Raub, Paul Walter.

GERMAN, bk, Die Legierungen der Platinmetalle mit Wolfram, 1951, pp 124-146.

\*AEC

Wear Resistant Hard Facing From Hard Metal for Work Pieces, by Ferdinand Beck, 4 pp.

GERMAN, bk, Verschleissfeste Bestueckung aus Hartmetallkorporen fuer Werkstuecke, 16 Apr 1959, No 1,055,320.

ACSI H-8055  
ID 2158064

Present State of Development of Aluminum Production, by Hans Ginsberg.

GERMAN, per, Aluminum, Vol XXXVI, 1960, pp 14-16.

Dept Int  
TN7 E57 No 348

Continuous Casting. A. Iron and Steel, by A. Wittmoser.

GERMAN, per, Die Giesserei, Vol XLVI, 22 Oct 1959, pp 718-722. 9075205.

BISI 1920

Flame Spraying of Aluminium, by H. Meyer.

GERMAN, per, Werkstoffe und Korrosion, Vol XI, No 10, 1960, pp 601-616.

\*AERE, Harwell

Some Studies on the Uranium-Molybdenum Alloys, by M. Kawasaki.

JAPANESE, per, J of the Atomic Energy Society of Japan, Vol II, No 3, 1960, pp 136-146.

\*AEC

Scientific  
Nuclear Physics

Gamma-Radiation of an Atomic Explosion,  
by O. I. Leipunskiy.  
RUSSIAN, bk, Gamma-Izluchenie Atomnogo  
Vzryva, 1959, 153 pp.

\*AEC

Technology of the Treatment of Uranium  
Concentrates, by N. P. Galkin, A. V.  
Maigorov, U. D. Veryatin,  
RUSSIAN, bk, Tekhnologiya Pererabotki  
Kontsentratorov Urana, 1960, 162 pp.

\*AEC

Selected Articles From the Russian Book  
Yadernaya Geofizika, 1959

JPRS 4382

The Prevention of Water-Petroleum Con-  
tact by the Method of Induced Activity  
of Sodium in Conditions Encountered in  
Petroleum Deposits of Azerbaydzhan, by  
S. M. Aksel'rod, 4 pp, (pp 100-102).

Potentialities for the Induced-Activity  
Method for the Quantitative Estimate  
of Oil Saturation and Other Character-  
istics of Strata, by R. A. Rezanov,  
9 pp, (pp 103-109).

The Effectiveness of Methods of In-  
duced Activity of Sodium and Chlorine  
in the Separation of Devonian Sand-  
stone According to Oil Content, by  
T. N. Blankova, 15 pp, (pp 110-120).

Method of Distinguishing Between Water  
and Oil Saturated Strata Based on the  
Application of a Pulsed Neutron Source,  
by V. G. Yerozolimskiy, A. S. Shkol'nikov,  
12 pp, (pp 337-345).

A 100-KV High-Voltage Power Supply for a  
Bore-Well Neutron Generator, by D. F.  
Bespalov, A. I. Khaustov, 6 pp, (pp  
346-350).

A Miniature Sealed Neutron Tube, by B.  
G. Yerozolimskiy, L. N. Bondarenko, L.  
P. Voytsik, Yu. S. Shimelevich, L. I.  
Yudin, 6 pp, (pp 351-355).

Scientific  
Nuclear Physics (Contd)

Nuclear Power Plants, by P. A. Petrov,  
334 pp.  
RUSSIAN, bk, Yadernyye Energeticheskiye  
Ustanovki, 1958.

AEC NP-Tr-490

Selected Articles From the Russian Periodi-  
cal Atomnaya Energ.

Vol VIII, 1960, pp 454-457.

AEC NP Tr-504

A 600 Kv Proton Injector for a Linear  
Accelerator, by Yu. A. Antonov, L. P.  
Zinov'yev, V. P. Rashevskiy, 20 pp.

Vol IX, No 1, 1960, pp 27-32.

\*UK Atomic Energy  
Authority, Risley

Internal Friction in Uranium, by A. I.  
Dashkovskiy, et al.

Vol IX, No 3, 1960

JPRS 6804

The Use of Radioactive Isotopes and  
Nuclear Radiation in the Surveying and  
Development of Mineral Resources, by  
F. A. Alekseyev, 4 pp, (pp 222,223).

The Use of Radioactive Isotopes and  
Nuclear Radiation in Metallurgy, by P.  
L. Gruzin, Yu. F. Babikova, 6 pp,  
(pp 223-225).

The Use of Radioactive Isotopes in the  
Ore-Concentration and Mining Industry,  
by M. L. Gol'din, 4 pp, (pp 225, 226).

The Use of Radioactive Isotopes and  
Nuclear Radiations in Construction, by  
I. A. Yakovlev, 6 pp, (pp 227-229).

The Use of Radioactive Isotopes in Light  
Industry, by A. N. Slatinskiy, 6 pp,  
(pp 229-231).

Scientific  
Nuclear Physics (Contd)

Selected Articles From the Russian  
Periodical Atomnaya Energiya.

Vol IX, No 3, 1960.

JPRS 6804

The Use of Radioactive Isotopes and  
Nuclear Radiation in Machine Building,  
by S. V. Rumyantsev, 7 pp, (pp 231-233).

Radioactive Isotopes and Nuclear  
Radiation in the Service of Agriculture,  
by V. M. Zezyulinskiy, 5 pp, (pp 234, 235).

Radioactive Isotopes and Nuclear  
Radiation in the Food Industry, by V. I.  
Rogachev, 9 pp, (pp 235-239).

The Use of Radioactive Isotopes and  
Nuclear Radiation in Medicine, by F. M.  
Lyass, 5 pp, (pp 239-241).

Sources of Alpha-, Beta-, and Gamma-  
Radiation for the Control and Automa-  
tion of Technological Processes, by Ye.  
Ye. Kulish, 4 pp, (pp 241, 242).

New Data on the Effect of Thermonuclear Ex-  
plosions on Aquatic Organisms, by P. A.  
Moiseyev, 4 pp.  
RUSSIAN, per, Rybnoye Khoz, Vol XXXIV, No 1,  
1958, pp 22-24.

AEC DEG-Inf Ser-101

Investigation of the Temperature Field in the  
Heat Producing Elements of a Nuclear Re-  
actor, by V. S. Yermakov.  
RUSSIAN per, Trudy In-Ta Energ ANBSSR, No 9,  
pp 92-116

\*ATIC MCL-871/1

Preparation of Heavy Water, 11 pp.  
CHINESE, per, K'o-hsueh Hsin-wen, No 39,  
7 Dec 1959, pp 10-12.

JPRS 7462

Determination of a Large Number of Radio-  
active Materials in the Body Organs on the  
Basis of Their Excretions, by T. Trnovec.  
CZECH, per, Pracovní Lékarství, Vol XI, 1959,  
pp 206-215.

\*AEC

Scientific  
Nuclear Physics (Contd)

Spraying (Atomization) of Copper Ir-  
radiated by 5-25 Kev Ions, by Pieter Klass  
Rol.

DUTCH, bk, Verstuiving Van Koper Bij  
Beschiating Met Ionen Van 5-25 Kev.

\*AEC

Federal Resolution Concerning New Measures  
to be Taken to Stimulate Research and the  
Training of Specialists in the Atomic  
Science Field.

FRENCH, bk, Arrete Federal Concernant de  
Nouvelles Mesures a Prendre pour Encourager  
la Recherche et la Formation de Specialistes  
dans le Domaine de la Science Atomique,  
2 Oct 1958, 2 pp.

\*AEC

Federal Resolution to Stimulate Research in  
the Field of Atomic Energy and the Training  
of Specialists.

FRENCH, bk, Arrete Federal Tendant a Encourager  
la Recherche dans le Deomaine de l'Energie  
Atomique et la Formation de Specialistes,  
19 Mar 1958, 3 pp.

\*AEC

Concerning the Stability of Symmetric Di-  
atomic Molecules of Transient Elements, by  
G. Verhaegen.

FRENCH, rpt, De La Stabilite Des Molecules  
Diatomiques Symetriques Des Elements Trans-  
itories.

\*ATIC MCL 788/1

Federal Law on the Peaceful Application of  
Atomic Energy and Protection Against Radiations.

FRENCH, bk, Loi Federale sur L'Utilisation de  
l'Energie Atomique et la Protection Contre les  
Radiations, 23 Dec 1959, 16 pp.

\*AEC

Executive Order of the Federal Resolution Con-  
cerning New Measures to Be Taken to Stimulate  
Research and the Training of Specialists in the  
Atomic Energy Field.

FRENCH, bk, Ordonnance d'Execution de l'Arrete  
Federal Concernant de Nouvelles Mesures a  
Prendre dans le Domaine de la Science Atomique,  
1 May 1959, 3 pp.

\*AEC

Scientific  
Nuclear Physics (Contd)

A Simplified Proof of Wick's Theorem in Statistical Mechanics, by Michel Gaudin, 3 pp.

FRENCH, per, Nuclear Phys, Vol XV, 1960, pp 89-91.

AEC UCRL-Trans-563(L)

Principles of Construction of Gas-Cooled Ship Reactors, by D. Smidt.

GERMAN, per, Atomkern Energ, Vol V, No 10, 1960, pp 361-365.

\*UK Atomic Energy  
Authority, Risley

Determining the Age of Fission Products in the Atmosphere, by F. Ludwig, 11 pp.

GERMAN, per, Atompraxis, Vol V, 1959, pp 339-342.

AEC DEF-Ing Ser-61

Miscellaneous Information on Nuclear Physics in Bloc Countries, 5 pp.

GERMAN, per, Kernenenergie, Vol III, No 8, 1960, pp 808-810.

JPRS 4448

Shelters in Atomic Age; A New Radiation Meter, 4 pp.

GERMAN, per, Luftschutz-Rundschau, No 9, 1960, pp 1, 2, 15.

519th MI Bn  
ID 2159158

Resonance Absorption in Heterogeneous Systems, by G. Memmert, 27 pp.

GERMAN, per, Nukleonik, Vol I, 1958, pp 48-57.

AEC AERE-Trans-853

Critical Comments on the Estimation of Radioactive Contamination Based on the Measurement of Total Activity, by G. Herrmann, H. Hauser, H. J. Riedel, 33 pp.

GERMAN, per, Nukleonik, Vol I, 1959, pp 305-314.

AEC AERE-Trans-851

Nuclear Energy for Ship Propulsion, by Kurt Illies, Kurt Schleifenheimer.

GERMAN, per, Z des Vereines Deut Ingen, Vol CI, No 32, 1959, pp 1-16.

Navy Tr 2744/ONI 713

Airborne Atomic Chronometers.

HUNGARIAN, per, Tu Domany Es Technika, No 16, 1960, p 492.

\*ATIC MCL-867/1

Scientific  
Nuclear Physics (Contd)

Testing of Metal Shells Intended to Contain the Radioactive Gases in the Event of Reactor Accidents, by F. R. Belot, M. Melice, 47 pp.

ITALIAN, rpt, VI Rassegna Internazionale Elettronica e Nucleare. Atti Del Congresso Scientifico, 1959, pp 213-241.

AEC NP Tr-483

The Containment Vessel in a Nuclear Power Station, by Carlo E. Rossi, 38 pp.

ITALIAN, bk, Rassegna Internazionale Elettronica e Nucleare. Atti Del Congresso Scientifico, Chap VI, 1959, pp 243-270.

AEC NP-Tr-485

Problems of the Liquid Effluent From Nuclear Plants, by E. Cerrai.

ITALIAN, per, Energia Nucleare, Vol VII, 1960, pp 581-589.

\*UK Atomic Energy  
Authority, Risley

Measurement of the Density of Thermal Neutrons, by E. Corinaldesi.

ITALIAN, per, Nuovo Cimento, Vol III, No 9, 1946, pp 131-141.

\*AEC

Data on Radioisotope Production, 15 pp.

JAPANESE, per, Japanese Atomic Energy Bureau, 3 Feb 1960.

AEC Tr-4267

Selected Articles From the Japanese Periodical J of the Atomic Energy Society of Japan.

Vol I, No 1, 1959.

\*AEC

On the Method of Estimation of the Population Dose, Population, and Surface Area Covered by the Diffusion of Radioactive Clouds, by Yasushi Nishiwaki.

Vol I, No 3, 1959, pp 190-195.

\*AEC

Thermal Cycling Equipment and Its Experimental Data on Uranium. Studies on Uranium Fuel Element (1), by K. Taketani.

Scientific  
Nuclear Physics (Contd)

Selected Articles From the Japanese  
Periodical J of the Atomic Energy Society  
of Japan.

Vol I, No 6, 1959, pp 370-375.

\*AEC

The Design of Special Hoods for Machining  
Natural Uranium Metal. Studies on  
Uranium Fuel Element (Part 4), by K.  
Taketani.

Vol II, No 2, 1960, pp 89-95.

\*AEC

Properties of Cold Drawn Uranium Rods.  
(1) On the Thermal Expansion Coefficient  
and the Thermal Cycling Growth of Recrystal-  
lized Specimens, by K. Soeno.

Vol II, No 4, 1960, pp 190-195.

\*AEC

Analysis of Uranium Fuel Rod by X-Ray  
Inverse Pole Figure Method (I): Studies  
on Uranium Fuel Element (6), by K.  
Taketani.

Vol II, No 7, 1960, pp 401-405.

\*UK Atomic Energy  
Authority, Risley

On the Determination of the Criticality  
Conditions by the Multiple Collision  
Method, by T. Asaoka.

A Krypton-85 Light Source, by P. J. Nowacki,  
A. Kazimerski, et al.  
POLISH, PAN/IBJ Report 175/111, Polish Academy  
of Sciences Institute of Nuclear Research,  
1960.

\*AERE, Harwell

Prospects of Nuclear Power Development and  
World Trends in Electric Power Productions  
Cost, by Rudolf Pomerski.  
POLISH, per, Nukleonika, Vol IV, No 6, 1959,  
pp 639-653.

\*AEC



Scientific  
Physics

Interaction Cross Sections of Particles at High Energies, by V. S. Barashenkov, 56 pp. RUSSIAN, 1960.

AEC UCRL-Trans-566

Orthogonal Polynomials. Estimates, Asymptotic Formulas, and Series of Polynomials Orthogonal on the Unit Circle and on an Interval, by L. Ya. Geronimus, 240 pp. RUSSIAN, bk.

Consultants Bureau

What Is Relativity? by L. D. Landau, G. B. Rumer, 64 pp. RUSSIAN, bk, 1959.

Oliver & Boyd

Motion of an Electric Arc in a Magnetic Field, by O. B. Bron. RUSSIAN, bk, Dvizheniye Elektricheskoy Dugi V Magnitnom Pol, 1944, Gosenergoizdat, pp 3-47.

\*ATIC MCL-824/1

Selected Articles From the Russian Book Fiz Tverdogo Tela Sbornik Statey, 1959.

Temperature Dependence of Ionization Energy of Impurity Centers in a Homopolar Crystal, by Fisher, Smolik, (pp 3-7).

\*ACSI H-8691  
ID 2162137

Temperature Dependence of the Electrical Resistance of a Single Crystal of Magnetite Cooled in a Magnetic Field at a Temperature Below Low Temperature Transformation, (pp 8-10),

\*ACSI H-8692  
ID 2162138

Influence of Short-Range Order on Electric Properties of Substance, by A. B. Almazov, 5 pp, (pp 158-161).

ACSI H-8458  
ID 2162095

Dislocation and Diffusion Effects in Recrystallization of Deformed Copper, by B. Ya. Pines, (pp 264-272).

\*ACSI H-8693  
ID 2162139

Theory of Ordering of an Alloy With a Hexagonal Close-Packed Crystal Lattice, by Z. A. Matysina, A. A. Smirnov, 6 pp. (pp 286-290)

ACSI H-8459  
ID 2162096

Unified Graphic Method of Deriving Indices of X-Ray Photographs of Polycrystalline Substances, by S. L. Nudel'man, 9 pp, (pp 306-316).

ACSI H-8460  
ID 2162097

Scientific  
Physics (Contd)

On Standing Acoustic Waves of Large Amplitude, by N. N. Andreyev, 3 pp.  
RUSSIAN, bk, Investigations on Experimental and Theoretical Physics, Ak Nauk SSSR Press, 1959, pp 53-55.

MDF A-149

Some Theories of Vibrations With "Self-Damping" and Their Evaluation From the Point of View of Experimental Data, by S. Ye. Dmitriyevskiy.  
RUSSIAN, bk, Nekotoryye Teorii Kolebaniy s "Sobstvennym Zatokhaniyem" i Ikh Otsenka s Tochki Zreniya Opytnykh Danykh, USSR, 1957, 83 pp. 9660230.

ATIC MCL-684/III

Radioactive Radiation and Their Measurement, by N. P. Petrov, V. P. Syrnev.  
RUSSIAN, bk, Radioaktivnyye Izlycheniya i Ikh Izmereniya, (Encl to R-581-60), 8 Dec 1960, pp 3-192.

\*ACSI H-8503  
ID 2159683

Stereometric Metallurgy, by S. A. Saltylov.  
RUSSIAN, bk, Stereometricheskaya Metallografiya, Izdaniye Vtoroye Pererabotannoye i Dopolnennoye, 1958, 444 pp.

\*ATIC MCL-905/1

Concerning the Theory of Acoustic Flows in Heated Solid Bodies, by P. N. Kubanskiy, RUSSIAN, per, Akust Zhur, Vol VI, No 4, 1960, pp 462-467.

\*ATIC MCL-857/1

Solution of Cauchy Problem for Non-Linear Equation With Discontinuous Initial Data by a Method of Finite Differences, by N. D. Vvedenskaya, 11 pp.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXI, 1956, pp 517-520.

AEC UCRL-Trans-550(L)

Gas Flows at High Supersonic Speeds, by M. D. Ladyzhenskiy, 10 pp.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIV, No 2, 1960, pp 296-299.

JPRS 7356

Scientific  
Physics (Contd)

Linear Approximation of Velocity in the Case of One-Dimensional Motion of a Plasma With Finite Conductivity, by L. B. Levitin, K. P. Stanyukovich, 10 pp.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIV, No 2, 1960, pp 300-303.

JPRS 7357

On Lagrangian Characteristics of Turbulence, by A. S. Monin, 11 pp.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIV, No 2, 1960, pp 304-307.

JPRS 7358

The Piston Problem in Magnetohydrodynamics, by A. A. Barmin, V. V. Gogosov, 9 pp.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIV, No 5, 11 Oct 1960, pp 1041-1043.

JPRS 7787

The Structure of Mach Lines in Relaxing Media, by I. P. Stakhanov, Ye. V. Stupochenko, 9 pp.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIV, No 5, 11 Oct 1960, pp 1044-1047.

JPRS 7788

New Type of Telescope.  
RUSSIAN, np, Ekonomicheskaya Gazeta, No 17(870), 20 Jan 61, p 4.

\*ATIC MCL-856/1

Selected Articles From the Russian Periodical Inzh Fiz Zhur.

Vol II, No 10, 1959, pp 46-51.

ATIC MCL-753/2

Heat Transfer Into a Single Pipe in the Transverse Current of a Liquid With Low Prandtl Number, by A. A. Andreyevskiy, 9660215.

Vol II, No 11, 1959, pp 20-28.

\*RAND

On Analysis of Heat and Mass Transfer in Binary Gas Mixtures, by A. V. Lykov.

Scientific  
Physics (Contd)

Selected Articles From the Russian  
Periodical Inzh Fiz Zhur.

Vol III, No 5, 1960.

Heat Exchange With Flow of Rarified  
Gas Along a Wall, (pp 4-11).

\*RAND

Heat and Mass Exchange With Coaling  
of Strongly Heated Surfaces by  
Evaporation, by R. Z. Alimov,  
(pp 31-39).

\*RAND

The Temperature Field in a Finite  
Cylinder With Inner Sources, by  
T. L. Perelman, (pp 133-144).

\*ATIC MCL-862/1

Vol III, No 6, 1960.

Heat Losses During Forcing of  
Liquids by Hot Gases, by N. E.  
Kvantaliani, (pp 52-54).

\*ATIC MCL-863/1

The Application of the Theory of  
Thermodynamic Similarity to the  
Determination of Physical Properties  
of Liquid Metals, by G. F. Butenko,  
M. I. Radchenko, (pp 66-71).

\*ATIC MCL-864/1

The Problem of the Transfer of Heat  
and Moisture for a Semi-Limited  
Three-Dimensional Medium With Boundary  
Conditions of the Second Type, by P.  
V. Tsoy, (pp 112-119).

\*ATIC MCL-865/1

Vol III, No 11, 1960.

Heat Transfer in a Pipe at High  
Speeds, by C. V. Tshlquri, V. V.  
Usanov, (pp 48-57).

\*ATIC MCL-868/1

The Distribution of T, by T. L.  
Perelman, (pp 72-76).

\*ATIC MCL-869/1

An Investigation of the Viscosity of  
Certain Liquids in a Wide Temperature  
Field, by N. I. Kophlov, (pp 97-101).

\*ATIC MCL-870/1

Scientific  
Physics (Contd)

Determination of Medium Parameters  
of a Turbulent Torch Flame, by A.

G. Prudnikov, 23 pp.

RUSSIAN, per, Iz Ak Nauk SSSR,  
Otdel Tekh Nauk Ener i Avtomat, No 1,  
1960, pp 43-56.

ACSI H-8304  
ID 2161136

Motion of Fine Bodies of High Super-  
sonic Velocities, by G. M. Bam-Zelikovich,  
et al. 13 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh  
Nauk, Mekh i Mash Stroyeniye, No 1, 1960,  
pp 33-40.

ACSI H-7941  
ID 2156392

An Investigation of the Components of  
Secondary Ionic Emission for High Target  
Temperature in the Presence of Thermionic  
Emission, by U. A. Arifov, Kh. Kh.

Khadzhimukhamedov, 5 pp.

RUSSIAN, per, Iz Ak Nauk UzbSSR, Ser Fiz  
Matemat Nauk, No 2, 1959, pp 47-50.

MDF A-150

Computations on Solubility Limits in  
Solid Solutions, by V. P. Shishoken,  
A. E. Nikerov.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved,  
Chern Met, No 3, 1960, pp 91-95.

\*AEC

Influence of the Molecular Composition  
of the Sample on the Atom Concentration  
in an Activated AC Arc, by M. A.

Alekseyev, 7 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved,  
Fiz, No 4, 1959, pp 59-63.

MDF A-143

On the Structure of a Crystal Near the  
Melting Point, by E. A. Arinshtein.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved,  
Fiz, No 4, 1959, pp 173-175.

MDF A-142

On the Structure of Solid Solutions, by  
E. A. Arinshtein.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved,  
Fiz, No 4, 1959, pp 175, 176.

MDF A-142

Scientific  
Physics (Contd)

Approximate Method of Taking Into Account the Diffusion Effect on the Heat Transfer of Gases in a Boundary Layer, by R. Z. Alimov.  
RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Fiz, No 3, 1960, pp 97-102.

\*ATIC MCL-886/1

Calculation of the Distribution Chamber of a Liquid-Liquid Extraction Column With Grid Plates, by A. N. Planovskiy, et al.  
RUSSIAN, per, Khim Mash, No 3, 1960, pp 9-11.

\*UK Atomic Energy Authority,  
Risley

Ultrasonic Finishing of Brittle Non-Metallic Materials, by U. M. Anserof, E. C. Ter-Zakaryan, 10 pp.  
RUSSIAN, per, Mashinostroitel, No 5, 1959, pp 33-36.

ACSI 1-4992  
ID 2158071

On the Use of Radioactive Indicators in the Study of Reactive Diffusion, by A. A. Zhukhovitskiy, A. I. Sotskov, 10 pp.  
RUSSIAN, per, Nauch Dok Vysshey Shkoly, Metall, No 1, 1958, pp 211-217.

ACSI H-4026-A  
ID 2162136

Accumulation of the Radio-Isotope of Cerium by Fresh-Water Mollusks, by G. G. Polikarpov, 3 pp.  
RUSSIAN, per, Priroda, No 5, 1958, pp 86, 87.

AEC DEG-Inf Ser-102

On the Problem of Transition Radiation and Bremsstrahlung in Waveguide Systems, by L. G. Lomize.  
RUSSIAN, per, Radiotekh i Elektron, Vol V, No 9, 1960, pp 1546-1549.

Internatl Phys Index  
Electronics Express  
Vol III, No 5

An Experimental Study of the Thermal Conductivity of Helium, 7 pp.  
RUSSIAN, per, Teploenergetika, Vol V, No 10, 1958, pp 61-65.

AEC NP-Tr-477

Scientific  
Physics (Contd)

The Self-Consistent Fock Field in Three-Configuration Approximation for the Negative Lithium Ion, by T. D. Strotskite, A. P. Yutsis, 9 pp.

RUSSIAN, per, Trudy Ak Nauk Litovskoy SSR, Ser B, No 1, 1958, pp 11-19.  
9658750.

Amer Meteor Soc  
AF Res Div, L. G. Hanscom  
Field, Bedford, Mass

Reduction of Direct Representation of the Proper Homogeneous Lorentz Group, by I. B. Levinson, A. P. Yutsis, 14 pp.

RUSSIAN, per, Trudy Ak Nauk Litovskoy SSR, Ser B, Vol IV, No 16, 1958, pp 3-16.  
9658741.

Amer Meteor Soc  
AF Res Div, L. G. Hanscom  
Field, Bedford, Mass

Some Practical Conclusions From the Theory of Permanent- Magnet Moving-Coil Electric Measuring Instruments, by A. V. Povalyayev.

RUSSIAN, per, Trudy Leningrad In-T Aviats Priborostr, No 19, 1958, pp 73-83.

\*ATIC MCL-874/1

Investigation of Equilibrium in the System Zirconium-nitrogen at High Temperatures and the Dependence of the Free Energy of ZRNX Formation on its Composition and the Structure Card, by Ye. I. Smagina, V. S. Kutsev, B. F. Ormont.

RUSSIAN, per, Trudy Problemy Fiz Khim, Vol II, 1959, p 118.

\*ATIC MCL-896/1

Study of the Field of Forces of Dosages From A Cylindrical Irradiator With CO<sub>60</sub> As a Powerful Source of Y-Radiation, by A. Kh. Breger, et al.

RUSSIAN, per, Trudy Problemy Fiz Khim, Vol II, 1959, p 132.

\*ATIC MCL-897/1

The Current Balance and the Establishment of the Standard Volt, by S. V. Gorbatsевич, V. V. Myuller, P. N. Luk'yanov, 23 pp.

RUSSIAN, per, Trudy Vses Nauch-Issled Inst Metrol, No 31 (81), 1957, pp 5-18.

JPRS 6759

Scientific  
Physics (Contd)

The Pondermotive Effect of Elliptically Polarized Electromagnetic Waves on the "Plane" Phase-Shifting Element in Circular Waveguides, by M. A. Silayev. RUSSIAN, per, Ucheb Zapiskie Khar'kovsk, Un-t, Vol CII, 1959.

\*ATIC MCL-866/1

New Progress in the Theory of Transformations With Invariant Measure, by V. A. Rokhlin, 22 pp. RUSSIAN, per, Uspek Mathemat Nauk, Vol XV, No 4, Jul/Aug 1960, pp 3-26.

Cleaver-Hume Press

Method of Evaluating the Sensitivity of Materials to Cracks, by B. A. Drozdovskiy, Ya. B. Fridman. RUSSIAN, per, Zavod Lab, Vol XXI, No 5, 1955, pp 579-590. 9660429

ATIC MCL-563/III

The Self-Consistent Fock Field for the Configuration  $1s^2 2p^2$  of the Beryllium Atom, by A. P. Yutsis, G. K. Tsiunaitis, 6 pp. RUSSIAN, per, Zhur Eksper Teoret Fiz, Vol XXIII, No 5, 1952, pp 512-516. 9658749

Amer Meteor Soc  
AF Res Div, L. G. Hanscom  
Field, Bedford, Mass

On the Night Shift in Superconductors, by A. A. Abrikosov, L. P. Gri'kov. RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXXIX, No 2, Aug 1960, pp 480-483.

Internatl Phys Index  
Physics Express  
Vol III, No 5

On the Theory of Hydrocarbon Combustion, by V. Kondrat'yev, 25 pp. RUSSIAN, per, Zhur Fiz Khim, Vol XX, No 4/5, 1946, pp 345-354.

JPRS 7511

The Thermodynamics of the Superstate, by V. K. Semenchenko, 8 pp. RUSSIAN, per, Zhur Fiz Khim, Vol XXXIII, 1959, pp 1440-1445.

AEC Tr-4271

Radionavigation Map Grids, by B. Rogev, 40 pp. BULGARIAN, per, Izvestiya na Tsentralnata Laboratoriya po Geodeziya, Vol II, 1959, pp 127-157.

JPRS 7795



Scientific  
Physics (Contd)

The Development of Semiconductor Physics,  
by Huang K'un, 9 pp.  
CHINESE, per, K'o-hsueh Hsin-wen, No 20,  
14 Jul 1959, pp 2-4.

JPRS 7723

Some of the Main Research Problems  
of Semiconductors, by Huang Kun, 9 pp.  
CHINESE, per, K'o-hsueh Hsin-wen,  
No 22, 27 Jul 1959, pp 2-5.

JPRS 7722

Status of Elementary Particles, by  
Wang I-min, 7 pp.  
CHINESE, per, K'o-hsueh Hsin-wen,  
No 28, 14 Sep 1959, pp 10, 11.

JPRS 7728

Efficiency of the Sieve Plate in a  
Bubble Heat Transfer Equipment, by  
Kuo I-ku, (SF-1601).  
CHINESE, per, K'o-hsueh T'ung-pao,  
No 8, 27 Apr 1958, pp 253, 254.

\*JPRS

Soviet Infrared Spectrometers, by  
Jan Doubek, 8 pp.  
CZECH, per, Jemna Mechanika a Optika,  
No 2, 1960, pp 55-58.

USASIA Tr-1115

High Frequency Screen (Scanning) Movie  
Camera, by J. Stanek, 8 pp.  
CZECH, per, Jemna Mechanika a Optika,  
No 2, 1960, pp 62-64.

USASIA Tr-1120

Measurement of Relative Effective  
Cross Sections of Ionization, by  
R. Colin.  
FRENCH, rpt, Mesure Des Sections  
Efficaces D'ionisation Relatives De  
ZN, TE ET TE2 et de l'energie de  
Dissociation de te2 Par Spectrometrie  
de Masse.

\*ATIC MCL-789/1

Paper -- Technical Memorandum on the  
Range Finder Telescope.  
FRENCH, paper, Note Technique Sur Le  
Telemetre Lunette, 24 Nov 1955.

\*ACSI R-8791  
ID 2163979

Scientific  
Physics (Contd)

A Source of Polarized Protons Actual

State of Construction, by R. . .

L. Dick, M. Fidecaro, 56 pp.

FRENCH, rpt, Une Source de Protons

Polarises -- Etat Actuel de la Construc-  
tion, from CERN-60-2, Jan 1960.

AEC UCRL-Trans-571

The Non-Linear Character of Cathodic  
Sputtering at High Energy as a Function  
of Intensity and Its Variation as a  
Function of Temperature, by C. Cassagnol,  
G. Ranc, 6 pp.

FRENCH, per, Comptus Rendes, Vol CCXLVIII,  
1959, pp 1988-1990.

AEC NP-Tr-480

Action of Low-Energy Argon Ions on

Uranium Surfaces, by Pierre Haymann, 5 pp.

FRENCH, per, Comptus Rendes, Vol CCXLVIII,  
1959, pp 2472-2474.

AEC Tr-4268

A New Extraction Principle for Ion  
Sources. Application to Different Types  
of Sources, by J. Sommeria, 5 pp.

FRENCH, per, J Phys Radium, Vol XIII,  
1952, p 491.

AEC UCRL-Trans-597(L)

A Coincidence Circuit Using Time to  
Pulse Height Conversion, by S. Gorodetzky,  
Th. Muller, M. Port, G. Bergdolt, J. Graff,  
21 pp.

FRENCH, per, J Phys Radium, Vol XX, No 7,  
1959, pp 49A-54.

AEC NP-Tr-481

Contribution to the Study of the Corrosion  
of Zirconium and Zircaloy-2 in Superheated  
Steam at 400°C (105 kg/cm<sup>2</sup>), by H. Coriou,  
21 pp.

FRENCH, per, Mems Scientifiques de la Rev  
de Metallurgie, Vol LVII, 1960, pp 511-519.

AEC HW-Tr-18

Series Produced Image Converter and the  
Possibility of Characterizing Its Radia-  
tion Amplification Effect, by P. Gorlich,

A. Krohs, H. J. Pohl, G. Zerbst, 12 pp.

GERMAN, bk, Uber Serien-Massing Hergestellte

Bildwandler und die Moglichkeit der  
Charakterisierung ihrer Strahlungsverstarker-  
wirkung, 1957. (SI-9-13120 RV-978-58).

ACSI H-8303  
ID 2161135

Scientific  
Physics (Contd)

Angular Distribution in the Dispersion  
of Slow Electrons in Gas Molecules, by  
Von C. Ramsauer, R. Kollath.

GERMAN, per, Annalen der Physik, No 5,  
1932, pp 529-561.

\*ACSI H-8983  
ID 2163980

Monoenergetic Ion Beams From the Glow-  
Discharge of the Hollow Cathode, by

M. Pahl, W. Kleinmann, 25 pp.

GERMAN, per, Annalen der Physik, Vol XIII,  
No 6, 1953, pp 166-177.

AEC UCRL-Trans-587(L)

On the Evaluation of Conductivity Flow  
Curves, by K. W. Boer, S. Oberlander,  
J. Voigt.

GERMAN, per, Annalen der Physik, Vol II,  
No 3/4, 1958, pp 130-145.

\*AERE, Harwell

The General Form of the Law Governing  
the Propagation of Shock Waves of the  
Gravitational Field, by H. Treder, 6 pp.

GERMAN, per, Annalen der Physik, Vol VI,  
No 5/6, Sep 1960, pp 307-310.

JPRS 7911

Heat Transfer of Solids Heated in Liquids  
by Vapor Formation With Consideration of  
Flow Conditions, by H. von Buhler, F. J.  
Schmidt, 10 pp.

GERMAN, per, Atomkernenergie, Vol V, 1960,  
pp 18-22.

AEC Tr-4278

On the Charging of Electrets, by Kurt  
Palm.

GERMAN, per, Experimentelle Technik der  
Physik, Vol IV, No 6, 1956, pp 253-262.

\*AEC

Thermal Ion Sources for Negative Ions,  
by H. Hintenberger, 5 pp.

GERMAN, per, Helv Phys Acta, Vol XXIV,  
1951, pp 307-309.

AEC UCRL-Trans-591(L)

Current Developments in Ultrasonic Treat-  
ment of Solid-Body Surfaces, by Hans  
Joachim Gollmick, 14 pp.

GERMAN, per, Industrieblatt, Vol LIX,  
1959, pp 200-204.

AEC SCL-T-320

Scientific  
Physics (Contd)

Introduction to Crosstalk Theory,  
by K. H. Steinhardt.

GERMAN, per, Nachrichtentechnik,  
No 10, 1960, pp 435-441.

\*ACSI H-8985-B  
ID 2163981

On a Method of Experimental Determina-  
tion of the Flux Dome of a Heterogeneous  
Reactor Structure, by A. Zeigler.

GERMAN, per, Nukleonik, Vol I, 1959,  
pp 295-305.

\*AEC

A Simple Arrangement for Neutron  
Generation, by C. Weiss, H. Westmeyer,  
12 pp.

GERMAN, per, Physik Z, Vol XL, 1939,  
pp 461-466.

AEC UCRL-Trans-586(L)

A Method of Power Determination From  
Experimentally Derived Time-Path Curves.

GERMAN, per, Wehrtechnische Monatshefte,  
No 10, 1959, pp 317-321.

\*519th MI Bn  
ID 2158107

Investigations and Experiment on a  
Dynamic Secondary Electron Multiplier,  
by Heinz Beneking, 29 pp.

GERMAN, per, Z. fuer Angew Phys, Vol IV,  
1952, pp 258-267.

AEC UCRL-Trans-598(L)

Temperature Dependence of Conductivity  
of Amorphous Germanium Vapor-Deposited  
Layers, by Von Hans Richter, Richard  
Schneider.

GERMAN, per, Z. fuer Angewandte Physik,  
Vol XI, No 7, 1959, pp 277-283.

\*ACSI H-8888  
ID 2164462

Fatal Late Cycles After the Introduction  
of P<sup>32</sup> in Amoeba Proteus and Their  
Interpretation in Genetic Sub-Units, by  
H. Friedrich-Frekse, F. Kaudewitz.

GERMAN, per, Z. fuer Naturforschung,  
Vol VIIb, 1953, pp 343-355.

\*AEC

Activation Breakdown of Indium Foils  
in a Neutron Field, by H. Meister.

GERMAN, per, Z. fuer Naturforschung,  
Vol Xa, 1955, pp 669-680.

\*AEC

Scientific  
Physics (Contd)

The Ion Exchange on the Dielectric. I.  
The Electrode Function of Glasses, by  
Karl Horovitz, 48 pp.  
GERMAN, per, Z. fuer Physik, Vol XV,  
1923, pp 369-398.

NIH 1-9-61

On the Separation Potential of Thermally  
Driven Counter-Current Gas Centrifuges,  
by W. Groth, K. H. Welge, 36 pp.  
GERMAN, per, Z Physik Chem (Frankfurt)  
(N.S.), Vol XIX, 1959, pp 1-20.

AEC Tr-4264

The Determination of Grain Size and  
Diffusion Constants by Means of the  
Emanation Power (The Theory of the  
Emanation Method), by S. Flugge, K. E.  
Zimens, 36 pp.  
GERMAN, per, Z Physik Chem (Leipzig),  
Vol XLII B, 1939, pp 179-220.

AEC IG-Inf Ser-86

A Measurement of Neutron Slowing-Down  
Area in a Light Water, by T. Naganuma,  
S. Oguro, M. Shimizu, H. Aisu, T. Konds.  
JAPANESE.

\*AEC

Dispersion Relations of Plasma Oscillations,  
by I. Kaji.  
JAPANESE, per, J of Atomic Energy Society  
of Japan, Vol II, No 4, 1960.

\*AEC

Forced Vibrations of a System With One  
Degree of Freedom in the Presence of  
Dry Friction and With an Operating Arbitrary  
Exciting Force, by A. M. Strekis, 37 pp.  
LATVIAN, per, Latvijas PSR Zinatnu Ak  
Tehnisko Zinatnu Nodala Sbornik Statei,  
No 4, 1956, pp 95-121.

AEC SCL-T-332

The Relationship Between Reactor Period  
and Multiplication Factor in the Sub-  
Critical State, by W. Baran, 13 pp.  
POLISH, per, Nukleonika, Vol IV, 1959,  
pp 253-264.

AEC DEQ-Inf Ser-31

Scientific  
Physics (Contd)

Concerning the Effect of Compressive Stresses on Shrinkage in Sintering of Porous Bodies, by I. M. Fedorchinko, et al.

UKRAINIAN, per, Dopovidi Ak Nauk Ukrainskoy RSR, No 3, 1959, pp 281-285.  
9660217

ATIC MCL-283/III

On the Theory of Crack Propagation in Deformation of a Brittle Body, by V. V. Panasyuk, 5 pp.

UKRAINIAN, per, Dopovidi Ak Nauk Ukrain RSR, No 9, 1960, pp 1185-1189.

ACSI H-8389  
ID 2161159

Space Research

Relationship Between Charged Particle Measurements Made by Means of Traps on the Soviet Cosmic Rockets and Measurements of the Magnetic Field by Explorer VI and Pioneer V, by K. I. Gringauz, S. M. Rytov, (DC-5598).  
RUSSIAN, per, Dok Ak Nauk SSR, Vol CXXXV, No 1, 1 Nov 1960, pp 48-51.

\*JPRS

Launching of the First Rocket, by N. Gorbachev.  
RUSSIAN, np, Krasnaya Zvezda, No 256, 29 Oct 1960, p 1.

\*ATIC MCL-797/1

Glasses for Astronauts.  
RUSSIAN, per, Nauka i Zhizn, No 10, 1960, p 72.

\*ATIC MCL-852/1

"First Flight to Venus" -- Supplement to the Report: "Soviet Bloc Research in Geophysics, Astronomy and Space", (DC-66/6a).  
RUSSIAN, np, Pravda, No 38, 26 Feb 61, pp 3, 4.

\*JPRS

Scientific  
Space Research (Contd)

The Paths to Space Flight, by  
H. Oberth.

GERMAN, bk, Wege Zur Raumfahrt,  
Chap XXII, Berlin, 1929, pp 409-423.  
9660216

ATIC MCL-420/V

Space Diversity Measurements on a  
Visual Range Radio Link System,  
by U. Kuhn.

GERMAN, per, Nachrichtentechnik,  
No 10, 1960, pp 430-434.

\*ACSI H-8985-A  
ID 2163981

Space Ship Land.

HUNGARIAN, bk, Elet es Tudomány,  
11 Sep 1960, pp 1159-1162.

\*319th MI Bn  
ID 2158098

On the Trajectories of Moon  
Rockets, by L. I. Sedov.

HUNGARIAN, per, Fizikai Szemle, Vol X,  
No 8, 1960, pp 241-245.

\*ATIC MCL-877/1

The First Polish Experimental Plasma  
Rocket, by Andrzej Trepka.

POLISH, per, Skrzydłata Polska, No 31,  
1960, pp 5, 15.

\*ATIC MCL-873/1

Scientific  
Miscellaneous

Selected Translations From the  
Book, "40 Years of Soviet Science  
in Uzbekistan," by Kh. M.

Abdullayev, (DC-5532).

RUSSIAN, bk, 40 Let Sovetskoy Nauki  
v Uzbekistanye, 1958, pp 33-95,  
126-189.

\*JPRS

Dialectical Logic As a Science, by  
M. N. Slekseyev, (DC-5587).

RUSSIAN, monograph, Znaniye, Seriya II,  
No 1, 1961, pp 1-48.

\*JPRS

Automatic Discrimination Among a  
Limited Set of Words, by G. I. Tsemel'.

RUSSIAN, per, Iz Ak Nauk, Otdel Tekh  
Nauk, Energetika i Avtom, No 5, Sep/Oct 1960,  
pp 179-182.

Interntl Phys Index  
Automation Express  
Vol III, No 5

On Transformations of Program Flow  
Diagrams, by Yu. I. Yanov, 11 pp.

RUSSIAN, per, Iz Vysshikh Ucheb  
Zaved, Radiofiz, No 1, 1958, pp 110-119.

JPRS 6868

Some Features of the Logical Structure  
of the GIFTI Machine and Programming in  
Its Code, (Part I), by A. M. Gil'man,  
13 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved,  
Radiofiz, No 1, 1958, pp 141-149.

JPRS 6917

Some Features of the Logical Structure  
of the GIFTI Machine and Programming in  
Its Code, (Part II), by A. M. Gil'man,  
29 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved,  
Radiofiz, No 2, 1958, pp 140-155.

JPRS 6917

The Memory Device of the GIFTI Machine,  
by A. M. Goncharov, A. S. Tarantovich,  
18 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved,  
Radiofiz, No 2, 1958, pp 156-169.

JPRS 6917

The Philosophical Significance of the  
Feedback Concept in Cybernetics, by  
L. A. Petrushenko, (SF-1620).

RUSSIAN, per, Vest Leningrad U, Ser Ekon,  
Filosofii i Prava, No 17 (3), 1960, pp 76-86.

\*JPRS



Scientific  
Miscellaneous (Contd)

Some Theoretical Positions of V. A. Zvegintsev's Book "Semasiologiya", by P. S. Aleksandrov, 7 pp. RUSSIAN, per, Vest Moskov U, Filologiya Zhur, No 4, Jul/Aug 1960, pp 78-8.

JPRS 6938

Results of the Work of VASKHNIL and Tasks of Scientific Establishments in the Implementation of Resolutions Made at the December Plenum of the TSK KPSS, by P. P. Lobarov. RUSSIAN, per, Vest Sel'skokhoz Nauk, Vol V, No 5, 1960, pp 3-21. 9075548.

USDA

On Some Notions of the So-Called Set-Theory Conception of Language, by I. I. Revzin, 10 pp. RUSSIAN, per, Voprosy Yazykoznaniya, No 6, Nov/Dec 1960, pp 88-94.

JPRS 6938

Conference on Structural and Mathematical Linguistics, by O. S. Shirokov, (DC-3901/55). RUSSIAN, per, Voprosy Yazykoznaniya, No 1, 1961, pp 155-159.

\*JPRS

Session on Contemporary Problems of Lexicology and Semasiology, by N. N. Ukhanova, (DC-3901/55). RUSSIAN, per, Voprosy Yazykoznaniya, No 1, 1961, pp 160-164.

\*JPRS

New Academicians, Foreign Members, and Member-Correspondents Elected to the Bulgarian Academy of Sciences, (SF-1681). BULGARIAN, np, Narodna Armiya, No 3851, 9 Feb 1961, pp 1, 3.

\*JPRS

Mass Movement as a Means for the Intensive Promotion of Scientific Activities Among Youths, (SF-1649). CHINESE, per, K'o-hsueh T'ung-pao, No 7, 11 Apr 1960, pp 206-208.

\*JPRS

Scientific  
Miscellaneous (Contd)

Influence of the Looseness of Compaction  
of Sand Dunes to the Root of Plants, by  
Li Ming-kang, (SF-1649).  
CHINESE, per, K'o-hsueh T'ung-pao, No 7,  
11 Apr 1960, pp 218-219.

\*JPRS

Third Plenary Conference of the Departmental  
Committees of Academia Sinica, 5 pp.  
CHINESE, per, K'o-hsueh T'ung-pao, No 9,  
11 May 1960, pp 287, 288.

JPRS 4465

Organization and Problems of Scientific  
Work at the Lorand Eotvos University of  
Science in Hungary, by Dr Bela Lengyel,  
(SF-1664).  
HUNGARIAN, per, Felsooktatasi Szemle,  
Vol X, No 1/2, 1961, pp 9-12.

\*JPRS

Seventh Annual Hungarian Conference of  
Physicists, 5 pp.  
HUNGARIAN, per, Fizikai Szemle, Vol X,  
No 12, 1960, pp 376-378.

JPRS 4457

Events in the Hungarian Academy of  
Sciences (SF-1645).  
HUNGARIAN, per, Magyar Tudomány, Vol V,  
No 11, 1960, pp 688-691.

\*JPRS

Survey of the Activities of the Hungarian  
Academy of Sciences, 5 pp.  
HUNGARIAN, per, Magyar Tudomány, Vol V,  
No 12, 1960, pp 749-751.

JPRS 6880

Departmental and Institutional Meetings  
of the Hungarian Academy of Sciences,  
(SF-1676).  
HUNGARIAN, per, Magyar Tudomány, Vol V,  
No 1, 1961, pp 43-47.

\*JPRS

Direction and Planning of Scientific  
Work in the USSR on the Basis of a  
Study Tour Made by Hungarians, by  
Lajos Szante, (SF-1676).  
HUNGARIAN, per, Magyar Tudomány, Vol V,  
No 1, 1961, pp 51-55.

\*JPRS

Scientific  
Miscellaneous (Contd)

On the Five-Year Plan for Scientific Research (in Poland), by Witold Nowacki, (NY-6029).

POLISH, per, Nowe Drogi, Vol XV, No 2(141), 1961, pp 102-107.

\*JPRS

Development of a Future Cadre of Scientists (in Poland), by Henryk Golanski, (NY-6029).

POLISH, per, Nowe Drogi, Vol XV, No 2 (141), 1961, pp 108-114.

\*JPRS

Selected Articles From the Slovak Periodical Vestnik Slovenskej Akademie Vied.

Vol II, No 1, 1960, (SF-1644).

\*JPRS

Fifteen Years of Scientific Development in Slovakia, by Acad Andrej Siracky, (pp 3-8).

Twelfth Plenary Session of the Slovak Academy of Sciences, (pp 9-41).

Vol II, No 2/3, 1960, (SF-1646).

\*JPRS

Activities of the Slovak Academy of Sciences in 1959, Its Primary Tasks in 1960, and Some of the Third Five-Year Plan Tasks, by Viliam Thurzo, (pp 90-115).

Joint Session of the Presidium of the Czechoslovak Academy of Sciences and the Slovak Academy of Sciences, (pp 116-121).

On Sessions of the Presidium of the Slovak Academy of Sciences, (pp 170-173).

Candidates of Sciences at Establishments of the Slovak Academy of Sciences, (pp 185-192).

Scientific  
Miscellaneous (Contd)

In the Presidium of the Academy  
of Sciences Ukrainian SSR, (SF-1647).  
UKRAINIAN, per, Dopovidi Ak Nauk  
Ukrain RSR, No 7, 1960, pp 984-988.

\*JPRS

First Republic Scientific-Technical  
Conference on Questions of Utilizing  
Plastics in the Machine- and  
Instrument Building Industries, by  
V. F. Tatsenko, (SF-1647).  
UKRAINIAN, per, Dopovidi Ak Nauk  
Ukrain RSR, No 7, 1960, pp 989-993.

\*JPRS

In the Presidium of the Academy of  
Sciences, Ukrainian SSR, (NY-6050).  
UKRAINIAN, per, Dopovidi Ak Nauk  
Ukrain RSR, No 8, 1960, pp 1124-1129.

\*JPRS

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## COVER-TO-COVER TRANSLATIONS

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|                                                                                              |      |
|----------------------------------------------------------------------------------------------|------|
| <u>Astronomicheskii Zhurnal</u> , Vol XXXVII,<br>No 4, 1960.                                 | AIP  |
| <u>Avtomaticheskaya Svarka</u> , Vol LXXXII,<br>No 2-4, 1960.                                | EWRA |
| <u>Avtomatika i Telemekhanika</u> , Vol XXI,<br>No 7, 1960.                                  | ISA  |
| <u>Biofizika</u> , Vol V, No 3, 1960.                                                        | PP   |
| <u>Biokhimiya</u> , Vol XXV, No 4,<br>Jul/Aug 1960.                                          | CB   |
| <u>Byulleten' Eksperimental'noy Biologii<br/>i Meditsiny</u> , Vol I, No 8, 1960.            | CB   |
| <u>Fizika Metallov i Metallovedeniy</u> ,<br>Vol IX, No 3, 1960.                             | PP   |
| <u>Fizika Tverdogo Tela</u> , Vol II, No 9,<br>1960.                                         | AIP  |
| <u>Fiziologicheskii Zhurnal SSSR imeni<br/>I. M. Sechenova</u> , Vol XLVI, No 9/10,<br>1960. | PP   |
| <u>Fiziologiya Rasteniy</u> , Vol VII, No 4,<br>1960.                                        | AIBS |
| <u>Geologiya Nefti i Gaza</u> , Vol III,<br>No 5 A-B, 6-A, 1959.                             | RRG  |
| <u>Izmeritel'naya Tekhnika</u> , No 5-7, 1960.                                               | ISA  |
| <u>Izvestiya Akademii Nauk SSSR, Otdeleniye<br/>Khimicheskikh Nauk</u> , No 2, 1960.         | CB   |
| <u>Izvestiya Akademii Nauk SSSR, Seriya<br/>Fizicheskaya</u> , Vol XXIV, No 2, 1960.         | CTT  |
| <u>Izvestiya Akademii Nauk SSSR, Seriya<br/>Geofizicheskaya</u> , No 8, 1960.                | AGU  |
| <u>Izvestiya Akademii Nauk SSSR, Seriya<br/>Geologicheskaya</u> , No 6-8, 1959.              | AGI  |

Izvestiya Vysshikh Uchebnykh Zavedeniy,  
Seriya Radiofizika, Vol III, No 1, 1960.

JPRS 7377

Izvestiya Vysshikh Uchebnykh Zavedeniy,  
Seriya Radiotekhnika, Vol III, No 4,  
1960.

JPRS 7381

Kauchuk i Rezina, Vol XIX, No 7, 1960.

RAPRA

Koks i Khimiya, No 9, 1960.

CTRA

Meditsinskaya Radiologiya, No 10,  
1960.

JPRS 7886

Metallurg, No 9-11, 1959.

Acta Metallurgica

Priborostroyeniye, No 9-10, 1960.

Taylor & Francis

Pribory i Tekhnika Eksperimenta, No 4,  
1960.

ISA

Radiotekhnika, Vol XIV, No 1-12, 1959;  
Vol XV, No 4, 8, 1960.

PP

Radiotekhnika i Elektronika, Vol IV,  
No 11-12, 1959.

PP

Stal, No 10-11, 1960.

BISI

Stanki i Instrument, Vol XXXI, No 10,  
1960.

PERA

Svarochnoye Proizvodstvo, No 3, 1960.

EWRA

Tsitologiya, Vol II, No 5, 1960.

JPRS 7884

Tsvetnyye Metally, Vol I, No 7, 1960.

PS

Uspekhi Khimii, No 5-6, 1960.

Cleaver-Hume Press

Uspekhi Sovremennoy Biologii, Vol I,  
No 2, Sep/Oct 1960.

Oliver & Boyd

Vestnik Svyazi, No 3, 1947.

JPRS 6659

Vestnik Svyazi, No 5, 1947.

JPRS 6882

Vestnik Svyazi, No 6, 1947.

JPRS 6687

Vestnik Svyazi, No 2, 1948.

JPRS 6656

|                                                            |           |
|------------------------------------------------------------|-----------|
| <u>Vestnik Svyazi</u> , No 4, 1948.                        | JPRS 6776 |
| <u>Vestnik Svyazi</u> , No 6, 1948.                        | JPRS 6933 |
| <u>Vestnik Svyazi</u> , No 9, 1948.                        | JPRS 6693 |
| <u>Vestnik Svyazi</u> , No 4, 1952.                        | JPRS 6694 |
| <u>Vestnik Svyazi</u> , No 7, 1952.                        | JPRS 6719 |
| <u>Vestnik Svyazi</u> , No 6, 1953.                        | JPRS 7104 |
| <u>Vestnik Svyazi</u> , No 9, 1953.                        | JPRS 7101 |
| <u>Vestnik Svyazi</u> , No 10, 1953.                       | JPRS 7100 |
| <u>Vestnik Svyazi</u> , No 1, 1954.                        | JPRS 7105 |
| <u>Vestnik Svyazi</u> , No 2, 1954.                        | JPRS 7106 |
| <u>Vestnik Svyazi</u> , No 8, 1954.                        | JPRS 7112 |
| <u>Vestnik Svyazi</u> , No 11, 1954.                       | JPRS 7115 |
| <u>Vestnik Svyazi</u> , No 12, 1954.                       | JPRS 7116 |
| <u>Vestnik Svyazi</u> , No 12, 1955.                       | JPRS 7095 |
| <u>Vestnik Svyazi</u> , No 3, 1956.                        | JPRS 7070 |
| <u>Vestnik Svyazi</u> , No 2, 1958.                        | JPRS 5916 |
| <u>Vestnik Svyazi</u> , No 4, 1958.                        | JPRS 7007 |
| <u>Vestnik Svyazi</u> , No 1, 1959.                        | JPRS 5994 |
| <u>Vestnik Svyazi</u> , No 2, 1959.                        | JPRS 5995 |
| <u>Vestnik Svyazi</u> , No 4, 1959.                        | JPRS 5997 |
| <u>Vestnik Vozdushnogo Flota</u> , No 8,<br>1960, 9660392. | ATIC      |
| <u>Vestnik Vozdushnogo Flota</u> , No 9,<br>1960, 9660559. | ATIC      |
| <u>Voprosy Onkologii</u> , Vol VI, No 9,<br>1960.          | PP        |
| <u>Voprosy Virusolog</u> , Vol V, No 3,<br>1960.           | PP        |



Voyenno-Meditsinskiy Zhurnal, No 9,  
1960.

JPRS 7875

Voyenno-Meditsinskiy Zhurnal, No 10,  
1960.

JPRS 7961

Voyenno-Meditsinskiy Zhurnal, No 12,  
1960.

JPRS 7995

Zavodskaya Laboratoriya, Vol XXVI,  
No 5, 6, 1960.

ISA

Zhurnal Eksperimental'noy i  
Teoreticheskoy Fiziki, Vol XXXIX,  
No 2 (8), 1960.

AIP  
Sov Phys - JETP  
Vol XII, No 2

Zhurnal Eksperimental'noy i  
Teoreticheskoy Fiziki, Vol XXXIX,  
No 3 (9), 1960.

AIP  
Sov Phys - JETP  
Vol XII, No 3

Zhurnal Fizicheskoy Khimii, No 6,  
1960.

Cleaver-Hume Press

Zhurnal Mikrobiologii, Epidemiologii  
i Immunobiologii, Vol XXXI, No 5, 1960.

PP

Zhurnal Neorganicheskoy Khimii, Vol II,  
No 2, 3, 8, 1957.

AEC

Zhurnal Neorganicheskoy Khimii, Vol V,  
No 6, 1960.

Cleaver-Hume Press

Zhurnal Obshehei Khimii, Vol XXX, No 2, 3,  
1960.

CB

Zhurnal Prikladnoy Khimii, Vol XXXIII,  
No 3-5, 1960.

CB

Zhurnal Tekhnicheskoy Fiziki, Vol XXX,  
No 9, 1960.

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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)
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| AD0834505  | 78-03109A | 49  | 1    | 1   | 36     | Consolidated Translation Survey For December 1960  | 12/1/1960 | 240   | Approved For Release | 3/25/2004 |
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| AD0834340  | 78-03109A | 49  | 1    | 3   | 38     | Consolidated Translation Survey For February 1961  | 2/1/1961  | 363   | Approved For Release | 3/25/2004 |
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| AD0834343  | 78-03109A | 49  | 1    | 6   | 41     | Consolidated Translation Survey For May 1961       | 5/1/1961  | 327   | Sanitized            | 3/25/2004 |
| AD0834344  | 78-03109A | 49  | 1    | 7   | 42     | Consolidated Translation Survey For June 1961      | 6/1/1961  | 364   | Approved For Release | 3/25/2004 |
| AD0834345  | 78-03109A | 49  | 1    | 8   | 43     | Consolidated Translation Survey For July 1961      | 7/1/1961  | 303   | Approved For Release | 3/25/2004 |
| AD0834346  | 78-03109A | 50  | 1    | 1   | 44     | Consolidated Translation Survey For August 1961    | 8/1/1961  | 349   | Approved For Release | 3/25/2004 |
| AD0834347  | 78-03109A | 50  | 1    | 2   | 45     | Consolidated Translation Survey For September 1961 | 9/1/1961  | 299   | Approved For Release | 3/25/2004 |
| AD0834348  | 78-03109A | 50  | 1    | 3   | 46     | Consolidated Translation Survey For October 1961   | 10/1/1961 | 252   | Approved For Release | 3/25/2004 |
| AD0834349  | 78-03109A | 50  | 1    | 4   | 47     | Consolidated Translation Survey For November 1961  | 11/1/1961 | 285   | Approved For Release | 3/25/2004 |
| AD0834350  | 78-03109A | 50  | 1    | 5   | 48     | Consolidated Translation Survey For December 1961  | 12/1/1961 | 362   | Approved For Release | 3/25/2004 |
| AD0834351  | 78-03109A | 50  | 1    | 6   | 49     | Consolidated Translation Survey For January 1962   | 1/1/1962  | 341   | Approved For Release | 3/25/2004 |
| AD0834352  | 78-03109A | 50  | 1    | 7   | 50     | Consolidated Translation Survey For February 1962  | 2/1/1962  | 323   | Approved For Release | 3/25/2004 |
| AD0834353  | 78-03109A | 51  | 1    | 1   | 51     | Consolidated Translation Survey For March 1962     | 3/1/1962  | 401   | Approved For Release | 3/25/2004 |
| AD0834354  | 78-03109A | 51  | 1    | 2   | 52     | Consolidated Translation Survey For April 1962     | 4/1/1962  | 423   | Approved For Release | 3/25/2004 |
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| AD0834356  | 78-03109A | 51  | 1    | 4   | 54     | Consolidated Translation Survey For June 1962      | 6/1/1962  | 391   | Approved For Release | 3/25/2004 |
| AD0834357  | 78-03109A | 51  | 1    | 5   | 55     | Consolidated Translation Survey For July 1962      | 7/1/1962  | 396   | Approved For Release | 3/25/2004 |
| AD0834358  | 78-03109A | 51  | 1    | 6   | 56     | Consolidated Translation Survey For August 1962    | 8/1/1962  | 475   | Approved For Release | 3/25/2004 |
| AD0834359  | 78-03109A | 52  | 1    | 1   | 57     | Consolidated Translation Survey For September 1962 | 9/1/1962  | 245   | Approved For Release | 3/25/2004 |
| AD0834360  | 78-03109A | 52  | 1    | 2   | 58     | Consolidated Translation Survey For October 1962   | 10/1/1962 | 228   | Approved For Release | 3/25/2004 |
| AD0834361  | 78-03109A | 52  | 1    | 3   | 59     | Consolidated Translation Survey For November 1962  | 11/1/1962 | 274   | Approved For Release | 3/25/2004 |
| AD0834362  | 78-03109A | 52  | 1    | 4   | 60     | Consolidated Translation Survey For December 1962  | 12/1/1962 | 265   | Approved For Release | 3/25/2004 |
| AD0834363  | 78-03109A | 52  | 1    | 5   | 61     | Consolidated Translation Survey For January 1963   | 1/1/1963  | 270   | Approved For Release | 3/25/2004 |