### AD NUMBER

AD834497

### NEW LIMITATION CHANGE

**TO**

Approved for public release, distribution unlimited

**FROM**

Distribution authorized to U.S. Gov’t. agencies and their contractors; Administrative/Operational Use; Apr 1960. Other requests shall be referred to Central Intelligence Agency, Office of Central Reference, 2430 E. Street, NW, Washington, DC 20505.

### AUTHORITY

CIA ltr, 7 Sep 2004

---

THIS PAGE IS UNCLASSIFIED
# CONSOLIDATED TRANSLATION SURVEY

## TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Notes concerning the Survey</td>
<td>c</td>
</tr>
<tr>
<td>Abbreviations used in the Survey</td>
<td>d</td>
</tr>
<tr>
<td>Requests for copies</td>
<td>e</td>
</tr>
<tr>
<td>USSR</td>
<td></td>
</tr>
<tr>
<td>Economic</td>
<td>1</td>
</tr>
<tr>
<td>Political</td>
<td>17</td>
</tr>
<tr>
<td>Military</td>
<td>20</td>
</tr>
<tr>
<td>Geographic</td>
<td>23</td>
</tr>
<tr>
<td>Sociological</td>
<td>24</td>
</tr>
<tr>
<td>Biographic</td>
<td>30</td>
</tr>
<tr>
<td>Eastern Europe</td>
<td></td>
</tr>
<tr>
<td>Economic</td>
<td>32</td>
</tr>
<tr>
<td>Political</td>
<td>47</td>
</tr>
<tr>
<td>Military</td>
<td>49</td>
</tr>
<tr>
<td>Geographic</td>
<td>50</td>
</tr>
<tr>
<td>Sociological</td>
<td>51</td>
</tr>
<tr>
<td>Biographic</td>
<td>54</td>
</tr>
<tr>
<td>Northern Europe</td>
<td></td>
</tr>
<tr>
<td>Economic</td>
<td>55</td>
</tr>
<tr>
<td>Political</td>
<td>55</td>
</tr>
<tr>
<td>Military</td>
<td>55</td>
</tr>
<tr>
<td>Geographic</td>
<td>56</td>
</tr>
<tr>
<td>Biographic</td>
<td>56</td>
</tr>
<tr>
<td>Near East/Africa</td>
<td></td>
</tr>
<tr>
<td>Economic</td>
<td>57</td>
</tr>
<tr>
<td>Political</td>
<td>57</td>
</tr>
<tr>
<td>Military</td>
<td>59</td>
</tr>
<tr>
<td>Geographic</td>
<td>59</td>
</tr>
<tr>
<td>Sociological</td>
<td>60</td>
</tr>
<tr>
<td>Region</td>
<td>Subject</td>
</tr>
<tr>
<td>---------------</td>
<td>---------------</td>
</tr>
<tr>
<td>Far East</td>
<td>Economic</td>
</tr>
<tr>
<td></td>
<td>Political</td>
</tr>
<tr>
<td></td>
<td>Military</td>
</tr>
<tr>
<td></td>
<td>Geographic</td>
</tr>
<tr>
<td></td>
<td>Sociological</td>
</tr>
<tr>
<td></td>
<td>Biographic</td>
</tr>
<tr>
<td>Western Europe</td>
<td>Economic</td>
</tr>
<tr>
<td></td>
<td>Political</td>
</tr>
<tr>
<td></td>
<td>Military</td>
</tr>
<tr>
<td></td>
<td>Geographic</td>
</tr>
<tr>
<td>Latin America</td>
<td>Economic</td>
</tr>
<tr>
<td></td>
<td>Political</td>
</tr>
<tr>
<td></td>
<td>Military</td>
</tr>
<tr>
<td></td>
<td>Geographic</td>
</tr>
<tr>
<td>Scientific</td>
<td>Aeronautics</td>
</tr>
<tr>
<td></td>
<td>Astronomy</td>
</tr>
<tr>
<td></td>
<td>Biology</td>
</tr>
<tr>
<td></td>
<td>Chemistry</td>
</tr>
<tr>
<td></td>
<td>Electricity</td>
</tr>
<tr>
<td></td>
<td>Electronics</td>
</tr>
<tr>
<td></td>
<td>Engineering</td>
</tr>
<tr>
<td></td>
<td>Fuels</td>
</tr>
<tr>
<td></td>
<td>Geophysics</td>
</tr>
<tr>
<td></td>
<td>Mathematics</td>
</tr>
<tr>
<td></td>
<td>Medicine</td>
</tr>
<tr>
<td></td>
<td>Minerals/Metals</td>
</tr>
<tr>
<td></td>
<td>Nuclear Physics</td>
</tr>
<tr>
<td></td>
<td>Physics</td>
</tr>
<tr>
<td></td>
<td>Space Research</td>
</tr>
<tr>
<td></td>
<td>Miscellaneous</td>
</tr>
<tr>
<td></td>
<td>Author Index</td>
</tr>
<tr>
<td></td>
<td>Cover-to-Cover Translations</td>
</tr>
</tbody>
</table>
CONSOLIDATED TRANSLATION SURVEY

An author index to items in this issue is appended.

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

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

Some of the above details may be unavailable on projects listed "in process." New projects in process will be listed only once, their subsequent listing being made when they are reported completed. Projects in process, i.e., not completed as of the date of this Survey, are noted with an asterisk (*).
<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACSI</td>
<td>Assistant Chief of Staff, Intelligence, Dept of Army</td>
</tr>
<tr>
<td>AEC</td>
<td>Atomic Energy Commission</td>
</tr>
<tr>
<td>AF</td>
<td>Dept of Air Force</td>
</tr>
<tr>
<td>AIBS</td>
<td>American Institute of Biological Sciences</td>
</tr>
<tr>
<td>AIP</td>
<td>American Institute of Physics</td>
</tr>
<tr>
<td>AMS</td>
<td>Army Map Service</td>
</tr>
<tr>
<td>APL</td>
<td>Applied Physics Laboratory</td>
</tr>
<tr>
<td>ARDC</td>
<td>Air Research and Development Command</td>
</tr>
<tr>
<td>ARS</td>
<td>American Rocket Society</td>
</tr>
<tr>
<td>ATIC</td>
<td>Aerospace Technical Intelligence Center</td>
</tr>
<tr>
<td>ATS</td>
<td>Associated Technical Services</td>
</tr>
<tr>
<td>BISI</td>
<td>British Iron and Steel Institute</td>
</tr>
<tr>
<td>BuShips</td>
<td>Bureau of Ships, Dept of Navy</td>
</tr>
<tr>
<td>CB</td>
<td>Consultants Bureau</td>
</tr>
<tr>
<td>CCT</td>
<td>Consultants Custom Translations</td>
</tr>
<tr>
<td>Co-op Tr Sch</td>
<td>Co-operative Translation Scheme</td>
</tr>
<tr>
<td>CSIRO</td>
<td>Commonwealth Scientific and Industrial Research Organization</td>
</tr>
<tr>
<td>EDC</td>
<td>Estimated date of completion</td>
</tr>
<tr>
<td>525th MI Gp</td>
<td>525th Military Intelligence Group, Dept of Army</td>
</tr>
<tr>
<td>FBIS</td>
<td>Foreign Broadcast Information Service</td>
</tr>
<tr>
<td>HB</td>
<td>Henry Britcher</td>
</tr>
<tr>
<td>ID</td>
<td>Intelligence Document</td>
</tr>
<tr>
<td>JPLAI</td>
<td>Jet Propulsion Laboratory, Astronautics Information</td>
</tr>
<tr>
<td>JPRS</td>
<td>Joint Publications Research Service</td>
</tr>
<tr>
<td>LC</td>
<td>Library of Congress</td>
</tr>
<tr>
<td>LLU</td>
<td>Lending Library Unit</td>
</tr>
<tr>
<td>MDF</td>
<td>Morris D. Friedman</td>
</tr>
<tr>
<td>MES</td>
<td>Mark E. Burgunker</td>
</tr>
<tr>
<td>MIT</td>
<td>Massachusetts Institute of Technology</td>
</tr>
<tr>
<td>NASA</td>
<td>National Aeronautics Space Administration</td>
</tr>
<tr>
<td>NIH</td>
<td>National Institutes of Health</td>
</tr>
<tr>
<td>NRL</td>
<td>Naval Research Laboratory, Dept of Navy</td>
</tr>
<tr>
<td>NSF</td>
<td>National Science Foundation</td>
</tr>
<tr>
<td>OIN</td>
<td>Ordnance Intelligence Number</td>
</tr>
<tr>
<td>ONI</td>
<td>Office of Naval Intelligence, Dept of Navy</td>
</tr>
<tr>
<td>OTIA</td>
<td>Ordnance Technical Intelligence Agency</td>
</tr>
<tr>
<td>OTS</td>
<td>Office of Technical Services</td>
</tr>
<tr>
<td>FERA</td>
<td>Production Engineering Research Association of Great Britain</td>
</tr>
<tr>
<td>PP</td>
<td>Pergamon Press</td>
</tr>
<tr>
<td>PS</td>
<td>Primary Sources</td>
</tr>
<tr>
<td>RBM</td>
<td>Research Association of British Rubber Manufacturers</td>
</tr>
<tr>
<td>RIS</td>
<td>Research Information Service</td>
</tr>
<tr>
<td>RSTP</td>
<td>Russian Scientific Translation Program</td>
</tr>
<tr>
<td>Sci Mus Lib</td>
<td>Science Museum Library</td>
</tr>
<tr>
<td>USACRAPAC</td>
<td>US Army Command Reconnaissance Activities Pacific Command</td>
</tr>
<tr>
<td>USASIA</td>
<td>US Army Signal Intelligence Agency</td>
</tr>
<tr>
<td>USDA</td>
<td>US Department of Agriculture</td>
</tr>
<tr>
<td>USIS</td>
<td>US Information Service</td>
</tr>
<tr>
<td><em>(asterisk)</em></td>
<td>projects in process</td>
</tr>
</tbody>
</table>
REQUESTS FOR COPIES

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

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

Addresses of producers, whose listings are included in this
issue follow:

ACSI
AMS
ID
USASIA
USACRAPAC, PD

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

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

Chief, Office of Technical Services
Technical Information Division
Acquisitions Branch
Department of Commerce, Commerce Annex 1
Washington 25, DC

Navy

N-2
ONI
USNR

Department of Navy
Office of Naval Intelligence
Washington 25, DC

AF
AID
ATIC

Department of Air Force
Collection and Dissemination
Assistant Chief of Staff, Intelligence
ATTN: AFCIN LB3
Washington 25, DC

- e -
Dept of State

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

AEC

Atomic Energy Commission
Order copies from:

Department of Commerce
Office of Technical Services
Washington 25, DC

Dept of Commerce

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

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

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

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

Dept of Interior

Department of Interior
Library
Washington 25, DC
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

ARS

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

ATS

Associated Technical Services
PO Box 271
East Orange, New Jersey

CB

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

Columbia Tech

Columbia Technical Translations
5 Vermont Avenue
White Plains, New York

HB

Henry Brutcher Technical Translations
PO Box 157
Altadena, California
Instr Soc of Amer
Instrument Society of America
313 Sixth Avenue
Pittsburgh 22, Pennsylvania

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

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

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

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

CSIRO
Commonwealth Scientific and Industrial Research Organization
314 Albert Street
East Melbourne, C2, Victoria
Australia

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

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

DSIR LLU

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

LLU Tr BuL

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

PERA

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

RABFM

The Research Association of British Rubber Manufacturers
Shawbury
Shrewsbury, England

All orders from the American Continents:

Penton Publishing Company, Inc
1717 West 31st Street
New York 1, New York

RAE

TIL

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

Natl Res Council, Canada

National Research Council, Library
Ottawa 2, Canada

- j -
Economic

Ferrous Metallurgy During the Seven-Year Plan, by P. I. Polukhin, E. G. Grinberg, (NY-300C/10).

The Iron Ore Base for Ferrous Metallurgy in the Seven-Year Plan, by I. Borisov, 10 pp.


Typification of Technological Processes and a Method of Group Processing, by S. P. Mitrofanov.
RUSSIAN, bk, Nauchnye Osnovy Gruppovooy Tekhnologii, 1959, pp 9-35.


RUSSIAN, bk, Osnovy Topografii i Kartografii, 1959, pp 24-29, 30, 37.

The Production and Machining of Steel and Alloys.
Decisive Step in the Realization of the Basic Economic Objective of the USSR, by L. M. Volodarskiy, (DC-3709).

RUSSIAN, bk, Reshchashchiy Shag v Osozha-

Technical Handbook of a Railroad Worker, (ID 2072345).

RUSSIAN, bk, Tekhnichessiy Spravochnik Zhele-

The Third Metallurgical Base of the USSR, by I. P. Bardin, P. A. Shiryayev, (NY-3000/10).

RUSSIAN, bk, Tret'ya Metallurgicheskaya Baza SSSR, 1959, pp 3-47.


RUSSIAN, bk, Ugol'nya Propyshlennost' SSSR, Moscow, 1959.

For Creation of the Material and Technical Base of Communism; Survey of Literature, (DC-3710).

RUSSIAN, monograph, Za Sozdaaniye Material'no-

The Ural Zil-355 M Automobile, by P. Fishbeyn, D. Blyakbman, 4 pp.

RUSSIAN, per, Avtomobil Trans, No 9, 1959, pp 32, 33.


Changes in Forms and Systems of Wages in Connection With the Introduction of New Wage Scales, by A. Arkhipov, (NY-3943).

RUSSIAN, per, Byull Nauch Informatsii; Trud i Zarobotchaya Plata, No 6, 1959, pp 3-9.
USSR
Economic (Contd)

RUSSIAN, per, Byull Nauch Informatsii, Trud i Zarobotnaya Plata, No 5, 1959, pp 16-21.

Scientific Conference on Problems of the Personal Service Industries, by V. V. Kryazhev, (NY-3943).
RUSSIAN, per, Byull Nauch Informatsii, Trud i Zarobotnaya Plata, No 5, 1959, pp 51-54.

Models 6611 and 6618 Special Unit-Type Machine Tools, by M. S. Chizhova, (NY-290/10).

Series A2 and A02 Three-Phase Induction Electric Motors, by N. L. Marchenko, (NY-290/10).
RUSSIAN, per, Byull Tekh-Ekon Informatsii, No 11, 1959, pp 40-43.

1138 Semiautomatic Line for Machining Track Link Bushings for the S-80 Tractor, by E. S. Shul'kina, (NY-290/10).
RUSSIAN, per, Byull Tekh-Ekon Informatsii, No 2, 1960, pp 15-18.

Electrical Measuring Instruments for Infra-Low Frequency Circuits, by P. B. Usatin, (NY-290/10).
RUSSIAN, per, Byull Tekh-Ekon Informatsii, No 2, 1960, pp 35-38.

RUSSIAN, per, Byul Tsvetnoy Metal, No 18, (95), 1957, pp 29-34.

The Raw Material Base of the Nonferrous and Rare Metals Industry During the Past Forty Years, by A. A. Amiraslanov, 23 pp.
RUSSIAN, per, Byul Tsvetnoy Metal, No 19/20 (96/97), 1957, pp 13-26.

- 3 -
RUSSIAN, per, Byul Tsvetnoy Metal, No 19/20 (96/97), 1957, pp 27-29.

The Development of Copper and Nickel Metallurgy in the USSR Over a Forty-Year Period, by V. I. Smirnov, 12 pp.
RUSSIAN, per, Byul Tsvetnoy Metal, No 19/20 (96/97), 1957, pp 40-45.

Forty Years of the Ural Copper Industry, by M. G. Mirinov, et al., 12 pp.
RUSSIAN, per, Byul Tsvetnoy Metal, No 19/20 (96/97), 1957, pp 55-60.

The Development of the Nonferrous Metals Processing Industry, by M. F. Bazhenov, 10 pp.
RUSSIAN, per, Byul Tsvetnoy Metal, No 19/20 (96/97), 1957, pp 63-87.

An Efficient Cross-Sectional Profile of the Copper-Smelting Reverbatory Furnace, by P. A. Myasnikov, L. N. Bazhanov, 13 pp.
RUSSIAN, per, Byul Tsvetnoy Metallurg Tsentr Inst Informat, No 18 (95), 1957, pp 18-23.


Effect of Rate of Sli'e on Rubber Friction With and Without Lubrication, by G. M. Bartenev, L. E. Peregudova.
RUSSIAN, per, Dok Ak Nauk SSR, Vol XCVI, 1954, pp 277-.

Reserves for Increasing Meat Production in Western Kazakhstan, by S. Niyazbekov, (DC-2700/9).
RUSSIAN, per, Ekonom Sel'skogo Khoz, No 8, 1959, pp 12-18.
Economic (Contd)

New Mounted Machines, by D. Yakovlev, (DC-270/9).
RUSSIAN, per, Ekon Sel'skogo Khoz, No 8, 1959, pp 64-67.

RUSSIAN, per, Energomashinostroyeniye, No 3, 1960, pp 1-4.

RUSSIAN, per, Geol Nefti i Gaz, No 11, 1959, pp 1-5.

Civil Aviation in 1958, by P. F. Zhigarev, 14 pp.
RUSSIAN, per, Grazhdanskaya Aviatsiya, No 1, 1958, pp 1-4.

Results of the Fulfillment of the 1959 State Plan for the Development of the USSR National Economy, 12 pp.
RUSSIAN, per, Izvestiya, 22 Jan 1960, pp 1-3.

Further Advances of Agriculture in the USSR and Biological Science.

Wheat Mycorrhiza and Its Significance for Growth and Development, by E. P. Khrushcheva.
RUSSIAN, per, Iz Ak Nauk SSSR, Ser Biol, No 2, 1960, pp 230-239.

The Economic Efficiency of Complex Processing of the Ores of the Tyrynauz Deposit, by L. P. Kobakhidze, M. V. Tarakanov, 6 pp.
RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Tsvet Metal, No 6, 1958, pp 130-135.
USSR

Economic (Contd)

The Possibility of Heavy-Suspension Concentration of Ores From the Nerchinsk Deposits, by S. V. Bessonov, I. M. Kulikov, (NY-3001/7).
RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Tsvet Metal, No 6, 1959, pp 47-51.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Tsvet Metal, No 6, 1959, pp 85-92.

Obtaining Telluric Concentrate From the Melts of Alkali Lead-Refining, by V. S. Lovchikov, B. M. Lipshits, (NY-3001/7).
RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Tsvet Metal, No 6, 1959, pp 93-98.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Tsvet Metal, No 6, 1959, pp 134-141.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Tsvet Metal, No 6, 1959, pp 185-194.

RUSSIAN, per, Khim i Tekh Topliv i Masel, No 9, 1959, pp 8-15.

USSR
Economic (Contd)

RUSSIAN, per, Kommunist, No 18, Dec 1959, pp 10-19.

The Realization of Lenin's Ideas on Electrification, by I. Kulev, 16 pp.

Our Contribution in Accelerating the Rates of Technical Progress, by V. Stepanchenko, 8 pp.
RUSSIAN, per, Kommunist Ukrainy, No 8, 1959, pp 22-27.

RUSSIAN, per, Kukuruza, No 11, 1959, pp 17-21.


RUSSIAN, per, Mekh i Avtomat Proiz, No 8, 1959, pp 3-5.

RUSSIAN, per, Mekh i Avtomat Proiz, No 11, 1959, pp 6-12.

RUSSIAN, per, Mekh i Avtomat Proiz, No 2, 1960, pp 5-9.

Types of Cranes Needed by the Construction Industry, by V. A. Ivanov, V. I. Polyakov, (NY-2900/10).
RUSSIAN, per, Mekh Stroit, No 3, 1960, pp 3-8.
Universal Boom-Type Self-Propelled Tower Cranes, by M. P. Khodov, L. N. Shchipakin, (NI-2900/10).
RUSSIAN, per, Mekh Stroit, No 3, 1960, pp 9-14.

RUSSIAN, per, Mezhdunarodnyi Sel'skokhoz Zhur, No 3, 1959, pp 62-72.

Red Clover in the Green Conveyor System (Used as Livestock Fodder), by V. Yaravashenko, 5 pp.
RUSSIAN, per, Molokhoz' i Myasnoy Zhivotnovodstvo, No 10, 1959, pp 49-51.

RUSSIAN, per, Morskoy Flot, No 11, 1959, p 28.

RUSSIAN, per, Mysanaya Industriya, SSR, No 5, 1959, Moscow, pp 5-12.

RUSSIAN, per, Narodnoye Khoz Kazakh, No 10, 1959, pp 39-43.

RUSSIAN, per, Nauch Dok Vyshey Shkoly, Ekonom Nauk, No 1, 1959, pp 49-53.

RUSSIAN, per, Nauch Dok Vyshey Shkoly, Ekonom Nauk, No 1, 1959, pp 54-51.

(see above)
USSR
Economic (Contd)

RUSSIAN, per, Nauch Dok Vyshe Shkol, Ekon Nauk, No 3, 1959, pp 135-147.

Mechanical Production of Open-Hearth Steel Pouring Refractories, by G. N. Kocherga.
RUSSIAN, per, Ogneupory, Vol VIII, 1940, pp 325-.

RUSSIAN, per, Ogneupory, Vol VIII, 1940, pp 560-.

Pressing Firebricks in a Spengler Press, by T. P. Derid.
RUSSIAN, per, Ogneupory, Vol IX, 1941, pp 108-.

RUSSIAN, per, Ogneupory, Vol IX, 1941, pp 110-.

Firing Clay to Grog in a Rotary Kiln, by E. A. Kogan.
RUSSIAN, per, Ogneupory, No 1, 1945, pp 21-.

RUSSIAN, per, Ogneupory, Vol XI, No 3, 1946, pp 3--.

Causes of Premature Failure of Refractory Walls and Arches in Locomotive Furnaces, by P. P. Budnikov, M. A. Matveyev.
RUSSIAN, per, Ogneupory, Vol XI, No 6, 1946, pp 23-.

The Determination of Reheat Shrinkage and Expansion of Refractories, by E. K. Keler.
RUSSIAN, per, Ogneupory, Vol XI, No 7/8, 1946, pp 23-.

- 9 -
<table>
<thead>
<tr>
<th>Title</th>
<th>Author(s)</th>
<th>Source</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>At the Threshold of the Sixties</td>
<td>V. Solodovnikov</td>
<td>俄文期刊Ogonek, No 1, 1960, pp 4-5.</td>
<td></td>
</tr>
<tr>
<td>For the Closest Ties Between the Science of Economics and Practice in</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Communist Construction</td>
<td>(NY-3944)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>On Planned Indices of Economic Effectiveness of Capital Investments in</td>
<td>A. Yefimov, V. Krasovskiy</td>
<td>俄文期刊Plan Khoz, No 8, 1959, pp 63-75.</td>
<td></td>
</tr>
<tr>
<td>TU-114 Sets Eight Records</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- 10 -
USSR
Economic (Contd)

Measures for the Further Development of Agriculture in the Uzbek SSR, 9 pp.
RUSSIAN, np, Pravda Vostoka, 1 Oct 1959, pp 1, 2.

Domestically-Produced Magnetoelastic Oscillographs, by Ye. S. Borisevich, (NY-2900/10).
RUSSIAN, per, Priboroostroeniye, No 2, 1960, pp 24-29.

Electrochemical Sources of Current, by P. D. Lukovtsev, (NY-2900/10).
RUSSIAN, per, Priroda, No 12, 1959, pp 22-28.

RUSSIAN, per, Prom Energetika, No 2, 1960, pp 42-45.

RUSSIAN, per, Rechnoy Transport, No 1, 1960, pp 31-33.

RUSSIAN, per, Sakharnaya Svekla, No 10, 1959, pp 18-23.

Problems of Full Mechanization in Beet Growing, by A. A. Vasilenko, (DC-2700/9).
RUSSIAN, per, Sakharnaya Svekla, No 11, 1959, pp 32-44.

A Review Is in Order for the State Union-Wide Standard as Regards Sowing Qualities of Hemp Seeds, by A. P. Demkin.

New Agricultural Machines, by G. Savinskiy, (DC-2700/9).
RUSSIAN, per, Sel'skoye Khoz Kazakh, No 7, 1959, pp 51-55.
RUSSIAN, per, Sotsialisticheskii Trud, No 9, 1959, pp 46-52.

RUSSIAN, per, Sotsialisticheskii Trud, No 10, 1959, pp 4-16.

The Seven-Year Agricultural Plan of Kazakhstan, by K. I. Andryanova, 10 pp.
RUSSIAN, per, Svet Kazakhstan, No 11, 1959, pp 99-105.

Seven-Year Plan and Industrial Hygiene, by S. Krasnov, (NY-3952).
RUSSIAN, per, Svet Profsoyuzy, No 11, 1959, pp 9-12.

RUSSIAN, per, Sovkhoz Proiz, No 10, 1959, pp 52-55.

About the Mechanism of Magnesium Reaction on Steel, by I. A. Andreyev, A. Ya. Borisov.
RUSSIAN, per, Stal, No 2, 1959, pp 131-137.

Production of High Grade Steel by Mixing Converter and Electric Steel, by V. Kunincher, Dun Yan.
RUSSIAN, per, Stal, No 3, 1959, pp 215-221.

High Temperature Hot Blast Stoves for Blast Furnaces, by C. A. Kirichenko, Ye. V. Kochinev.
RUSSIAN, per, Stal, No 4, 1959, pp 298-304.

RUSSIAN, per, Standartizatsiya, No 8, 1959, pp 41-48.
USSR
Economic (Contd)

RUSSIAN, per, Stanki i Instrument, No 1, 1958, pp 21-23.

RUSSIAN, per, Stanki i Instrument, No 4, 1958, pp 36-.

Factory-Transport Refrigerator Ships of the Sevastopol' Type, by A. M. Sterkin, 8 pp.
RUSSIAN, per, Sudostroyeniye, No 11, 1959, pp 1-6.

RUSSIAN, per, Sudostroyeniye, No 11, 1959, pp 55-38.

RUSSIAN, per, Svinovodstvo, No 9, 1959, pp 18-22.

Use of Food Scraps in Fattening Hogs, by M. F. Gaynetdinov, 4 pp.
RUSSIAN, per, Svinovodstvo, No 9, 1959, pp 23-26.

Regarding L. M. Gazaryan's Article "Certain Characteristics of Modern Conversion and Efficient Technology in Copper-Smelting Plants of the Urals During the Seven-Year Plan," by A. A. Tseydler, 6 pp.
RUSSIAN, per, Tsvetnyye Metally, No 8, 1959, pp 24-27.

RUSSIAN, per, Tsvetnyye Metally, No 8, 1959, pp 54-56.

- 13 -
Economic (Contd)


Electric Smelting of Copper Concentrates Obtained From the Flotation of Matte, by A. G. Konchakov, 6 pp. RUSSIAN, per, Tsvetnyye Metally, No 10, 1959, pp 22-24.

Operational Procedure at the Kirovgrad Concentration Mill, by S. I. Popov, D. A. Bolkov, I. D. Kulikov, (NY-3001/7). RUSSIAN, per, Tsvetnyye Metally, No 12, 1959, pp 1-5.


A Reply to the Critics of My Article "Certain Peculiarities of Modern Converting Practices and Technological Efficiency at Copper-Smelting Plants of the Urals During the Seven-Year Plan," by L. M. Gazaryan, (NY-3001/7). RUSSIAN, per, Tsvetnyye Metally, No 12, 1959, pp 28-34.

The Distribution of Rare Elements in the Products of Concentration of Copper and Copper-Zinc Ores, by A. I. Dohnov, V. A. Oshman, A. V. Petrov, (NY-3001/7). RUSSIAN, per, Tsvetnyye Metally, No 12, 1959, pp 49-54.
RUSSIAN, per, Tsvetnyye Metally, No 12, 1959, pp 81-88.

RUSSIAN, per, Vest Moskov U, No 1, 1959, pp 51-69.

Reserves for Increasing Agricultural Production in the Central Chernozem Zone, by N. P. Aleksandrov, (DC-2700/9).
RUSSIAN, per, Vest Sel'skokh Nauk, No 11, 1959, pp 15-22.

Increasing Production and Improving the Quality of Meat, by N. F. Rostovtsev, (DC-2700/9).
RUSSIAN, per, Vest Sel'skokh Nauk, No 11, 1959, pp 50-57.

A New Wheat Variety, by S. A. Ostreyko, (DC-2700/9).
RUSSIAN, per, Vest Sel'skokh Nauk, No 11, 1959, pp 133-139.

Reserves for Increasing Agricultural Production in the Central Chernozem Zone, by N. P. Aleksandrov, (DC-2700/9).
RUSSIAN, per, Vest Sel'skokh Nauk, No 11, 1959, pp 15-22.

Increasing Production and Improving the Quality of Meat, by N. F. Rostovtsev, (DC-2700/9).
RUSSIAN, per, Vest Sel'skokh Nauk, No 11, 1959, pp 50-57.

A New Wheat Variety, by S. A. Ostreyko, (DC-2700/9).
RUSSIAN, per, Vest Sel'skokh Nauk, No 11, 1959, pp 133-139.

Foreign Trade Indicators, by V. Zoloev, 6 pp.
RUSSIAN, per, Vest Statistiki, No 10, 1959, pp 34-42.

Provision for Differences Between Prices and Values in Compiling the Balance Sheet for the National Economy, by A. Smirnov, 5 pp.
RUSSIAN, per, Vest Statistiki, No 10, 1959, pp 43-51.

RUSSIAN, per, Vest Statistiki, No 10, 1959, pp 52-58.
USSR
Economic (Contd)

RUSSIAN, per, Vnesh Torg, No 7, 1959, pp 13-20.

The Leningradski Sovnarkhoz in Its Foreign Trade Work, by G. Rybalko, 7 pp.
RUSSIAN, per, Vnesh Torg, No 9, 1959, pp 30-32.

Enterprises of the Sverdlovskiy Sovnarkhoz Improve Their Work in the Fulfillment of Export Orders, by N. Vorobey, 6 pp.
RUSSIAN, per, Vnesh Torg, No 10, 1959, pp 48-50.

RUSSIAN, per, Voprosy Ekon, No 8, 1959, pp 3-15.

RUSSIAN, per, Voprosy Ekon, No 8, 1959, pp 82-92.

RUSSIAN, per, Voprosy Ekon, No 9, 1959, pp 3-13.

Demand and Supply Under Socialism, by S. Partigul, 5 pp.
RUSSIAN, per, Voprosy Ekonomiki, No 10, 1959, pp 80-89.

Economic Calculations With the Aid of Electronic Computers, by V. Belkin, 2 pp.
RUSSIAN, per, Voprosy Ekonomiki, No 10, 1959, pp 142-144.
RUSSIAN, per, Voprosy Ekon, No 11, 1959, pp 145-152.

The USSR and the US, by Augusto Livi, 9 pp.


The Development of the World Socialist System to World Communism, by P. N. Fedoseyev, I. P. Pomelov, (DC-3749).

Complete and Final Victory of Socialism in the USSR, by A. M. Kovalev, (DC-3761).

The Ideological Roots of Revisionism in Questions of Contemporary International Relations, by I. Lenin, (NY-4004).
USSR

Political (Contd)

For Party Propaganda on a Mass Scale and Intimately Linked With Life, by V. Moskovskiy, (DC-3646).
RUSSIAN, per, Kommunist, No 2, 1960, pp 55-66.

Loyalty to Principle and Objectivity -- Indispensable Qualities of Literary Criticism, by V. Ivanov, (DC-3646).
RUSSIAN, per, Kommunist, No 2, 1960, pp 67-75.

Appearance of Leaders Before Workers, by V. Shurilin, (DC-3731).
RUSSIAN, per, Kommunist, No 3, 1960, pp 45-52.

Unalterable Brotherly Friendship of Great Peoples, by M. Zimyani, (DC-3731).
RUSSIAN, per, Kommunist, No 3, 1960, pp 63-73.

On the Question of the So-Called Income "Revolution" in the USA.
RUSSIAN, per, Mirovaya Ekonomicheskaya Otrencheniya, No 3, 1959, pp 34-103.

Remarkable Evidences of Present Collective Farm Trend, by A. Sokolov, (DC-3645).
RUSSIAN, per, Partinaya Zhizn', No 2, 1960, pp 42-45.

RUSSIAN, np, Pravda, 7 Mar 1960.

The Appetites of Revenge-Seekers Grow, 3 pp.
RUSSIAN, np, Sovet Aviatsiya, 30 Jan 1960, p 4.

In the Old Harness, 3 pp.
RUSSIAN, np, Sovet Aviatsiya, 30 Jan 1960, p 4.
Soviet Books in India, by V. Zhitiikova, (DC-3641).
RUSSIAN, per, Sovremenyy Vostok, No 9, 1958, pp 35-40.

Laws Governing the Metamorphosis of Socialism Into Communism, by K. P. Abrosenko, V. I. Lenin, (DC-3730).
RUSSIAN, per, Voprosy Istorii KPSS, No 1, 1960, pp 16-33.

RUSSIAN, per, Voprosy Istorii KP, No 1, 1960, pp 144-154.

The Development of Leninist Principles of Peaceful Coexistence of Two Systems in the Decisions of the Twentieth and Twenty-First Congresses of the CPSU, by I. A. Kirilin, (DC-3730).
RUSSIAN, per, Voprosy Istorii KPSS, No 1, 1960, pp 155-166.

RUSSIAN, per, Voprosy Istorii KPSS, no 2, 1960, pp 120-138.

BELORUSSIAN, per, Vestsi Akademii Navuk BSSR, No 2, 1958, pp 5-22.

The Mighty Marshalling Toward the Victory of Communism in USSR and Socialist Camp, by A. Cervinka, D. Rozehnal, (DC-3665).

Situation in Siberia and the Far East.
JAPANESE, per, Tairiku Mondai, 1 Apr 1960, pp 75-78.

- 19 -
USSR
Military

RUSSIAN, rpt, Avtomatchiki, pp 27, 28.

Atomic Weapons and Anti-Atomic Defense, by
A. P. Glushko, L. K. Markov, Col Pilyugin,
7 pp.
RUSSIAN, bk, Atomnoye Oryzhiye i Protiv-
atomnaya Zaehchita, 1958, pp 242-244, 375-
385.

Certain Questions of Party Organizational
Work in the Soviet Army and Navy, by I. Ya.
Lomov, (DC-2800/14).
RUSSIAN, bk, Nekotoryye Voprosy Partiyno-
Organizatsionnoy Raboty v Sovetskoy Armii i
Flote, 1959, 95 pp.

Theory and Practice of Parachute Training,
by D. T. Zhornik, K. V. Lushnikov, G. B.
Pyasetskaya, 17 pp.
RUSSIAN, bk, Teoriya i Praktika Parashyutnoy
Podgotovki, Moscow, 1958, Chap II, III, VIII,
IX, X, XI, XIII.

Role and Missions of the Navy, by N. A.
Nevskiy, 4 pp.
RUSSIAN, bk, Voyenno-Morskoy Flot, Chap II,
Moscow, 1959, pp 44-47.

Fundamentals of Naval Art, by N. A. Nevskiy,
26 pp.
RUSSIAN, bk, Voyenno-Morskoy Flot, Chap XIII,
Moscow, 1959, pp 268-297.

General Principles of Coordination of the
Fleet With the Army and Air Force, by N. A.
Nevskiy, 5 pp.
RUSSIAN, bk, Voyenno-Morskoy Flot, Chap XIV,
Moscow, 1959, pp 298-302.

Sad Story Concerning Field Kitchens, by A.
Nikolenkov, 3 pp.
RUSSIAN, np, Krasnaya Zvezda, 15 Nov 1959,
p 2.

ACS1 H-4010 H

ACS1 H-6082

ACS1 H-4357

JPRS 3094

JPRS 3094

JPRS 3094

JPRS 3094

JPRS 3094
USSR
Military (Contd.)

Take-Off Command Post, 5 pp.
RUSSIAN, per, Krylya Rodiny, No 11, 1959,
pp 20, 21.
AF 1419476

Training Aids Used in a Higher Aviation
School, 4 pp.
RUSSIAN, np, Soviet Aviatsiya, 10 Oct 1959,
p 2.
AF 1419395

New Things Will Not Come About by Themseleves,
RUSSIAN, np, Soviet Aviatsiya, 30 Oct 1959,
p 2.
JPRS 3094

New Outstanding Achievements of Soviet
Pilots, 3 pp.
RUSSIAN, np, Soviet Aviatsiya, 5 Nov 1959,
p 1.
AF 1256369

Report of the Defense Minister of the USSR
Marshal of the Soviet Union, R. Ya. Malinov-
skiy at the Conference of Officers of Moskva
Garrison in Kremlin, 11 pp.
RUSSIAN, np, Soviet Aviatsiya, 20 Jan 1960,
pp 1, 2.
AF 1419468

Organization of Joint Antiaircraft Defense
by NATO, by N. Nikolayev, 4 pp.
RUSSIAN, np, Soviet Aviatsiya, 4 Feb 1960,
p 4.
AF 1419467

Territorial System in the Organization of
the Armed Forces, by S. Lipitskiy, 4 pp.
RUSSIAN, np, Soviet Aviatsiya, 12 Feb 1960,
p 3.
AF 1419528

Soviet Test Pilots in a Near-Tragic Mishap.
RUSSIAN, np, Soviet Aviatsiya, 14 Feb 1960,
p 4.
*AID

Privileges for Demobilized Servicemen in
Arranging for Civilian Employment, by T.
Zigura, 3 pp.
RUSSIAN, np, Soviet Estounia, 15 Oct 1959,
p 3.
JPRS 3094
USSR

Military (Contd)


Decision Passed Unanimously for Work, by I. Pozdnyakov, 3 pp. RUSSIAN, np, Soviet Patriot, 11 Nov 1959, p 1. JPRS 3094

Come to Krasnoarmeyanskaya 15 [Air Defense Training Center], by V. Sokolov, 3 pp. RUSSIAN, np, Soviet Patriot, 11 Nov 1959, p 4. JPRS 3094


Cadres Will Decide the Success of the Matter, 4 pp. RUSSIAN, np, Soviet Patriot, 29 Nov 1959, p 1. JPRS 3094

New Records and Obsolete Instructions, by V. Goncharenko, 4 pp. RUSSIAN, np, Soviet Patriot, 29 Nov 1959, p 3. JPRS 3094

In One House Administration, by M. Titov, 3 pp. RUSSIAN, np, Soviet Patriot, 2 Dec 1959, p 2. JPRS 3094

Thirty-Five Years of the Armed Forces of the Soviet State, 13 pp. RUSSIAN, per, Voyennno-Inzhenernyi Zhur, Vol XCVII, No 2, 1953, pp 2-10. JPRS 2427

Antiaircraft Training of Subunits, 6 pp. RUSSIAN, per, Voyennyy Vest, No 8, 1959, pp 61-65. AF 1256377

Protection of an Infantry Company Against Weapons of Mass Destruction in Defense, by M. Sergeychuk, 6 pp. RUSSIAN, per, Voyennyy Vest, No 10, 1959, pp 30-34. JPRS 2524
USSR

Military (Contd)

Laboratory Training of Soviet Space Fliers, 6 pp.
CZECH, per, Kridla Vlasti, No 26, 1959, pp 2-4.

Expanding Merchant Fleet of USSR, by Yamaguchi Sutoji, 5 pp. (ID 2132647).
JAPANESE, per, Tairiki Mondai, Nov 1959.

Geographic

RUSSIAN, per, Geodeziya i Kartografiya, No 3, 1960, pp 39-44.


Utilization of Aerial Photographic Materials in Planning the Reservoir for a Large Hydro-
electric Power Station, by V. M. Grigor'yev, Ye. S. Kudryavova, (DC-3799).

The Use of Aerial Photography in Research of the State Institute for Planning River Trans-
port, by S. L. Vendrov, (DC-3799).
RUSSIAN, per, Trudy Laboratorii Aerometodov, Vol VII, 1959, pp 221-225.

USSR

Geographic (Contd)

The Ob', Lake Aral, Caspian, by V. Yarosh, L. Fedorov.
RUSSIAN, per, Vokrug Sveta, No 1949, pp 33-36.

Siberian Rivers Will Flow to Aral Sea, by E. G. Romashkov.

Sociological

Youth, by V. I. Lenin, (DC-3747).

Historical Types of Community Among People: Clan, Tribe, Nationality, Nation, by A. A. Satybalov, (NY-3951).

Criticism of the "Newest" Bourgeois Educational Theories, by M. S. Bernshtein, (DC-3774).
RUSSIAN, monograph, Kritika "Noveyshikh" Burzhuaznykh Pedagogicheskikh Teorii, Ser 2, 1959, No 20, 19397.

The Culture of Behavior of the Soviet Man, by V. A. Isengaliyeva, (DC-3725).

RUSSIAN, bk, Sotsiometriya -- Eksperimental'nyi Metod i Nauka Ob Obshchestve, 1958, pp 5-20.

Communist Education of Youth, by N. K. Krupskaya, (DC-3766).
USSR

Sociological (Contd)

Evaluating the New Man (Portrayal of the Young Man in Soviet Prose of the Recent Years), by V. E. Baskakov, (DC-3760).

RUSSIAN.

RUSSIAN.


An Experiment in Teaching English to First and Second Graders, by N. V. Agurova, 3 pp.
RUSSIAN, per, Inostraniye Yazyk v Shkole, No 4, 1959.

The New Man on the Screen, by Boris Agapov, (NY-3933).
RUSSIAN, per, Isskusstvo Kino, No 6, 1959, pp 21-30.

About the Educational Level, Nationalities and Age Structure of the USSR Population According to the 1959 All-Union Census, 17 pp.
RUSSIAN, per, Izvestiya, 4 Feb 1960, pp 1, 2.

Soviet Schools of General Education in the New Phase of Their Development, by L. Il'yushin, (NY-3935).
RUSSIAN, per, Kommunist Belorussii, No 5, 1959, pp 8-15.

In a Rural School, by I. Melnikova, 7 pp.
RUSSIAN, per, Narodnoye Obrazovaniye, No 9, 1959.
USSR

Sociological (Contd)

The Attributes of Pedagogical Skill, by F. Gonobelin, 44 pp.
RUSSIAN, per, Narodnoye Obrazovaniye, No 9, 1959, pp 47-52.

Who is Right?, by M. Kirilov, 6 pp.
RUSSIAN, per, Narodnoye Obrazovaniye, No 9, 1959, pp 66-71.

RUSSIAN, per, Narodnoye Obrazovaniye, No 9, 1959, pp 72-74.

Control Over Polytechnical Education, by I. Kurkin.
RUSSIAN, per, Narodnoye Obrazovaniye, No 9, 1959, pp 85, 86.

Observe the Principles of Communist Upbringing Strictly, 4 pp.
RUSSIAN, per, Narodnoye Obrazovaniye, No 11, 1959, pp 3-8.

Studying Teachers' Methods of Work, by F. Orekhov, 3 pp.
RUSSIAN, per, Narodnoye Obrazovaniye, No 11, 1959, pp 26-29.

RUSSIAN, per, Narodnoye Obrazovaniye, No 11, 1959, pp 32-36.

Supervising Independent Homework of Boarding School Students, by N. Miaskovskaya, (DC-3751).
RUSSIAN, per, Narodnoye Obrazovaniye, No 12, 1957, pp 73-76.

The New Year's Fable, by Vladimir Dudintsev, (DC-3686).
RUSSIAN, per, Novyy Mir, No 1, 1960, pp 78-96.

- 26 -
RUSSIAN, per, Obshcheobrazovatelnaya Shkola Vospalykh; No 2, 1959, pp 2-7, 41-43.

The Twenty-First Congress of the CPSU and Tasks of Oriental Studies, (NY-3937).
RUSSIAN, per, Problemy Vostokovedeniya, No 1, 1959, pp 12-25.

In Defense of Mothers.
RUSSIAN, per, Semya i Shkola, No 10, 1959, pp 24-28.

Tune Up Our Violins! (Music Schools), by A. Levshin, 3 pp.
RUSSIAN, per, Semya i Shkola, No 10, 1959, pp 21-23.

Answers to Parents' Questions.
RUSSIAN, per, Semya i Shkola, No 10, 1959, p 28.

Fundamental Problems of Ethnographic Research During the Current Seven-Year Plan, (NY-3967).
RUSSIAN, per, Sovet Etnografija, No 3, 1959, pp 3-10.

Organization of Radio Clubs, 4 pp.
RUSSIAN, mp. Sovet Patriot, 23 Dec 1959, p 3.

Work in Methods Must Be Up to the Level of the New Tasks, 3 pp.
RUSSIAN, per, Sovet Pedagogika, No 10, 1959, pp 20-25.


RUSSIAN, per, Sovet Pedagogika, No 10, 1959, pp 120-128.

- 27 -
USSR

Sociological (Contd)

Methods of School Emulation, by E. S. Rabunsky, 4 pp.
RUSSIAN, per, Sov Pedagogika, No 10, 1959, pp 137-144.

Combining Education With Productive Work, by S. G. Shapovalenko, P. R. Atutov, 4 pp.
RUSSIAN, per, Sovet Pedagogika, No 11, 1959, pp 11-21.

An Experiment in Organizing Collective Work in a Boarding School, by B. E. Shirvindt, 4 pp.
RUSSIAN, per, Sovet Pedagogika, No 12, 1959, pp 30-37.

Long-Range Plans for the Development of Pedagogical Science and the Coordination of the Work of the Academy and the Chairs of Pedagogy of the Pedagogical Institutes, USSR, by I. A. Kairov, 41 pp.
RUSSIAN, per, Sovet Pedagogika, No 2, 1960, pp 16-44.


No Repeaters! (Schooling), by K. Pilipuk, 1 p.
RUSSIAN, np, Uchitelskaya Gazetta, No 113, 1959.

RUSSIAN, per, Vest Ak Nauk SSSR, No 7, 1959, pp 3-11.

The Correlation of Sociology, Historical and Dialectical Materialism, by I. S. Narshky, 16 pp.
RUSSIAN, per, Vest Moskov U, No 1, 1959, pp 89-101.
USSR

Sociological (Contd)

How the Academic Year Began -- Self-Examination of the Higher Schools, 6 pp.
RUSSIAN, per, Vest Vysshey Shkoly, No 9, 1959, pp 3-5.

Urgent Problems in the Philosophical Preparation of Students, by E. A. Lekhner, 5 pp.
RUSSIAN, per, Vest Vysshey Shkoly, No 9, 1959, pp 30-38.

Study Without Leaving Production, by V. E. Turchin, I. Bobkov, V. Zhelezin, 4 pp.
RUSSIAN, per, Vest Vysshey Shkoly, No 9, 1959, pp 39-45.

Fortieth Anniversary of the Leningrad Veterinary Institute, by G. S. Kuznetsov.
RUSSIAN, per, Veterinriya, Vol XXXVII, No 1, 1960, pp 12-17.

Origins in the USSR of the Movement of Communist Labor Brigades and Shock Workers, by
S. R. Gershberg, (DC-3821).
RUSSIAN, per, Voprosy Istorii, No 3, 1960, pp 3-18.

Creative Accomplishment and Theoretical Thought; The All-Union Conference on Problems of Socialist Realism, (NY-3969).
RUSSIAN, per, Voprosy Literatury, No 6, 1959, pp 61-92.

German Gas Experts Tour the USSR, by George Duwell, Helmut Laurien, Gerhard Lorenzen.
GERMAN, per, GWF Gas, Vol C, No 33, 1959, pp 333-339. (Call No TP700, G25, Eng Tr.)
Biographic

List of Participants at the Karaganda Joint Scientific Session on Problems Concerned With the Development of the Productive Forces of Central Kazakhstan: List of Reports Presented, 74 pp.

RUSSIAN, per, Arkhiv Anatomii, Gistologii i Embriologii, Vol XXXVIII, No 10, 1959, pp 118,119.

RUSSIAN, per, Arkhiv Anatomii, Gistologii i Embriologii, No 12, 1959, pp 119-121.

RUSSIAN, per, Iz Vses Geograf Obschestva, No 4, 1959, pp 361-363.

RUSSIAN, per, Vest Ak Nauk Kazakhskoy SSR, No 10, 1959, pp 100-109.

The Seventieth Birthday of Professor B. A. Shumakov, Eminent Scientist in the Field of Land Reclamation, by D. V. Yarmizin, M. A. Kozin, 4 pp.
RUSSIAN, per, Vest Sel'skokhoz Nauk, No 9, 1959, pp 151-153.

The Sixtieth Birthday of Mikhail Aleksandrovich Yasinovskiy, 3 pp.
RUSSIAN, per, Vrachebnoye Delo, No 9, 1959, pp 991, 992.
USSR

Biographic (Contd)

The Fiftieth Birthday of Academician Nikolay Nikolayevich Bogolyubov, 5 pp.
RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXXVII, No 2 (8), 1959, pp 333-335.

The Seventy-Fifth Birthday of Professor Ye. A. Kirillov, by K. V. Chibisov, 4 pp.

The Sixtieth Birthday and Thirty-Fifth Anniversary of the Medical, Scientific, Pedagogical, and Social Activities of Leonid Borisovich Litvak, 3 pp.

- 31 -
EASTERN EUROPE

Economic


President Tito Attends the Ceremonies at the "Boris Kidric" Institute in Vinca, 7 pp.
CROATIAN, np, Borba, 27 Dec 1959.

Revised Text of Decision on Postal, Telegraph, and Telephone Rates in Yugoslavia, (NY-3922).
CROATIAN, np, Sluzbeni list FNRJ, Vol XVI, No 5, 3 Feb 1950, pp 144-156.

Development of International Division of Labor in the Socialist World System, (DC-3808).
CZECH, bk, Rozvoj Mezinarnodi Delby Prace v Socialisticka Svetove Soustave, 1959, pp 5-96.

CZECH, per, Doprava, No 10, Prague, 1959, pp 320-323.

CZECH, per, Doprava, No 10, Prague, 1959, pp 326-328.

The Role of Investment Credit in the Present Stage of Finance, by Karel Suchan, (NY-3877).

CZECH, per, Finance a Uver, No 1, 1960, pp 35-44.
Directives for the Third Five-Year Plan and Program for the Development of an Advanced Socialist Society, 18 pp.
CZECH, per, Planovane Hospodarstvi, No 11, Prague, 1959, pp 301-313.

The Procedure and Method of Working Out the Third Five-Year Plan, by Vladimir Horalek, 12 pp.
CZECH, per, Planovane Hospodarstvi, No 11, Prague, 1959, pp 514-521.

CZECH, per, Planovane Hospodarstvi, No 11, Prague, 1959, pp 814-831.

CZECH, per, Planovane Hospodarstvi, No 11, Prague, 1959, pp 833-851.

Improving the Quality of Liquid Fuels and Lubricants With Additives in Czechoslovakia, by V. Stepina, (NY-3834).
CZECH, per, Ropa a Uhlie, Vol II, (X), No 1, 1960, pp 4-8.

Legislation on State and Slovak Planning Commissions, 18 pp.

Protection of Agricultural Land Base, (NY-3830).

CZECH, per, Statisticky Obzor, No 1, 1960, pp 1-5.
Eastern Europe
Economic (Contd)

CZECH, per, Statisticky Obzor, No 1, 1960, pp 5-11. *JPRS

Regulations on Transit of Goods Shipped from Czechoslovakia to the USSR and Far East Communist Countries Through Austria and Holland, 8 pp.
CZECH, per, Tarifni Vestnik, No 23, 24, Prague, 8, 15 Jun 1959, pp 92, 96, 97.

Jurisdiction for Planning, Setting, and Control of Prices, 21 pp.
CZECH, per, Uredni List, No 75, Prague, 1 Oct 1959, pp 875-881. *JPRS 2317

Methodology of Price Setting, 66 pp.
CZECH, per, Uredni List, No 75, Prague, 1 Oct 1959, pp 882-901. *JPRS 2317

Preparation, Content, and Control of Fulfillment of the State Treasury Plan, 12 pp.
CZECH, per, Uredni List, No 91, Prague, 10 Dec 1959, pp 1019-1023. *JPRS 2491

Revisions and Additions to Decrees on Planning, Setting, and Control of Prices and on Methodology of Price Setting, 8 pp.
CZECH, per, Uredni List, No 94, Prague, 17 Dec 1959, pp 1044-1046. *JPRS 2491


Statistics and Their Practical Use in Relation to Clothing Sizes, by Erich Leue, 8 pp.
GERMAN, per, Bundes-Wehr-Verwaltung, Nov 1959, pp 333, 334. ACSI H-5527
Eastern Europe

Economic (Contd)

The Development of the Chemical Industry, by Walter Singer, 10 pp.
GERMAN, per, Chemische Technik, No 9, Berlin, 1959, pp 467-479.

GERMAN, per, Chemische Technik, No 9, Berlin, 1959, pp 473-474.

The Development of the VEB "Walter Ulbricht" Leuna Plant, by Wolfgang Schirmer, 13 pp.
GERMAN, per, Chemische Technik, No 9, Berlin, 1959, pp 473-504.

The VEB Chemical Plant in Nuechritz, by Gerhard Walther, 11 pp.
GERMAN, per, Chemische Technik, No 9, Berlin, 1959, pp 505-508.

The Theme and Organization of Work of the Institute of Synthetic Fiber Research in Relation to Practical Application, by Hermann Klare, 10 pp.
GERMAN, per, Chemische Technik, No 9, Berlin, 1959, pp 509-513.

Cooperation of the Chamber of Technology in Carrying Out the Chemical Program, by Heinz Marten, 5 pp.

Production and Processing of Ethylene and Propylene, by Eberhard Richter, (NY-3845).
GERMAN, per, Chemische Technik, Vol XII, No 2, 1960, pp 49-54, 103.

Development of Telephony and Teletype, by Alfred Adler, 17 pp.
Eastern Europe

Economic (Condit)

Long-Term Planning for Electric Power in East Germany, by E. Markus, 14 pp.

GERMAN, per, Kraftfahrzeugtechnik, Vol IX, No 10, 1959, pp 397-401.


GERMAN, per, Kraftfahrzeugtechnik, Vol IX, No 10, 1959, pp 415-419.

The Tire and Rubber Industry in East Germany and Its Relation to Motor-Vehicle Production, by A. Springr–, 11 pp.

The Eisenach Automobile Plant, by Kurt Kolley, 5 pp.
GERMAN, per, Kraftfahrzeugtechnik, Vol IX, No 11, 1959, pp 441-443.

The Berlin Carburetor Plant Goes in New Directions, by Uhlemann, 4 pp.
GERMAN, per, Kraftfahrzeugtechnik, Vol IX, No 11, 1959, p 453.

GERMAN, per, Kraftfahrzeugtechnik, Vol IX, No 11, 1959, pp 454-455.

- 36 -
Eastern Europe

Economic (Contd)

GERMAN per, Der Maschinenbau, Vol IX, No 2, 1960, p 47-51.

GERMAN, per, Neue Hütte, Vol IV, No 9, Berlin, 1959, pp 584-592.

GERMAN, per, Neue Hütte, Vol IV, No 9, Berlin, 1959, pp 584-592.

Finished Refractory Concrete Parts -- A New Branch of the East German Refractories Industry, by E. Kuntzsch, G. Rave, 5 pp.
GERMAN, per, Neue Hütte, Vol IV, No 9, Berlin, 1959, pp 523-525.

The Demands of the Chemical Industry Program on the East German Mining and Metallurgical Industry, by Wolfgang Schirmer, (NY-3849).
GERMAN, per, Neue Hütte, Vol V, No 1, 1960, pp 6-11.

Two Years of the New Freight Tariff, by Gerhard Kopitz, 9 pp.
GERMAN, per, Der Operative Dienst, Vol IV, No 2, 1960, pp 54-57.

Tasks and Organization of a Quality Control Department in an Iron and Steel Works and Its Importance to the Operation, by H. Frober.
GERMAN, per, Stahl und Eisen, 29 Oct 1959, pp 1627-1637.

Exhibition Van and Trailer From the VEB Body Works Halle, (ID 2128956), 3 pp.
GERMAN, per, Die Technik, Vol XIV, Jul 1959, pp 484, 485.
Eastern Europe
Economic (Contd)

Geodesy and Cartography in the GDR, by H. Schilling, (NY-3942).

Arrangements and Accuracy of Laplace Azimuths in Major Geodetic Networks, by M. Schaedlich, (NY-3942).

The Result of Map Production Methods on Forming Individual Map Signs, by K. Ziemer, (NY-3942).

GERMAN, per, Vermessungstechnik, Vol VIII, No 1, 1960, pp 8-10.


Roller Bearings for Railroad Cars and Questions Connected With Their Standardization, by I. T Timoshenko, 6 pp.

The International Telecommunications System of the CSSR Member Railroads, by Jerzy Piastowski, 4 pp.


HUNGARIAN, per, Energia es Atomtechnika, Vol XII, No 12, 1959, pp 713-716-727.

Concentration and Establishment of Combines in the Food Industry, by Gyorgy Gero, (NY-3857).
HUNGARIAN, per, Ipargazdasag, Vol XII, No 2, 1960, pp 6-11.


Some Problems of Commodity Supply and Retail Trade During the Second Five-Year Plan, by Jozsef Soe, (NY-3854).


The Compilation and Utilization of the First Hungarian Input-Output Table, by Otto Lukacs, (NY-3867).
Eastern Europe Economic (Contd)

Long-Range Planning of Food Consumption, by Denes Kovacs, (NY-3867).

The Mutual Effects of Price Changes and Methods of Their Investigation in Socialism, by Sandor Ganczer, (NY-3999).
HUNGARIAN, per, Kozgazdasagi Szemle, 1960, pp 276-292. *JPRS


The Income of Blue- and White-Collar Workers' Households, by Laszlo Lengyel, (NY-3978).
HUNGARIAN, per, Statisztikai Szemle, 1960, pp 252-272. *JPRS


POLISH, per, Drogownictwo, Vol XIV, No 10, Warsaw, 1959, pp 243-249. JPRS 2401
Eastern Europe
Economic (Contd)


POLISH, per, Gospodarka Planowa, Vol XV, No 1, 1960, pp 8-11.


Research Methods on the Effectiveness of Foreign Trade, by Bronislaw Nainigier, (NY-3868).

Capital Absorption of Exports, by Pawel Glikman, (NY-3868).
POLISH, per, Gospodarka Planowa, Vol XV, No 1, 1960, pp 36-42.


JPRS 2401

JPRS 2422

JPRS 2422
Eastern Europe
Economic (Contd)


The PKP Steam Locomotives of the Postwar Period and Their Perspectives for Further Exploitation, by Jozef Fijalkowski, 12 pp.
POLISH, per, Mechaniry, No 9, 1958, pp 258-263.

Mechanization in Agricultural Circles, (NY-3856).
POLISH, per, Mechanizacja Rolnictwa, Vol VI, No 12, 15 Dec 1959, pp 1-4.

List of Machinery and Implements for Agricultural Circles, (NY-3856).

Calculation of Prices for Tractor Work in Agricultural Circles, by Wojciech Dzieścic, (NY-3856).
POLISH, per, Mechanizacja Rolnictwa, Vol VI, No 12, 15 Dec 1959, pp 29-35.

An Analysis of the Housing Economy, by Witold Nieciunski, (NY-3858).

POLISH, per, Nowe Rolnictwo, Vol VIII, No 21, 22, Warsaw, 1, 15 Nov 1959, pp 810-813, 807-809.

Communications of the Polish Committee of Automation, (NY-3832).

Data on Electric Steel Mills in Poland, by E. Matula, 9 pp.


Mining Machines, by Jan Swiereniak, 7 pp.
POLISH, per, Przegląd Techniczny, No 48, Warsaw, 4 Dec 1959, pp 19, 20.

Utilization of the Working Time of Blast Furnaces, by Hubert Pabijanek, 10 pp.
POLISH, per, Wiadomosci Hutnicze, Vol XV, No 10, Katowice, 1959, pp 297-301.


Research in the Field of Industrial Automation, by Ion S. Gheorghiu, 10 pp.
RUMANIAN, per, Automatica si Electronica, Vol III, No 4, Bucharest, 1959, pp 147-151.

Problems in Developing Industrial Automation, by I. Papadache, 7 pp.
RUMANIAN, per, Automatica si Electronica, Vol III, No 4, Bucharest, 1959, pp 160-164.
Eastern Europe

Economic (Contd)

RUMANIAN, per, Automatica si Electronica,
Vol III, No 4, Bucharest, 1959, pp 171-176. JPRS 2462

Use of Radioactive Isotopes, by Mircea Oncescu, 3 pp.
RUMANIAN, per, Automatica si Electronica,
Vol III, No 4, Bucharest, 1959, pp 196, 197. JPRS 2462

Specialization of Romanian Textile Enterprises
and Modernization of Equipment, by T. Pelau,
15 pp.
RUMANIAN, per, Industria Textila, Vol X, No 9,
Bucharest, 1959, pp 356-361. JPRS 2462

Fragmentation Relief of the Territory of
Rumania, by T. Morariu, A. Savu, 14 pp.
RUMANIAN, per, Probleme de Geografie,
Vol VI, Bucharest, 1959, pp 27-36. JPRS 2462

Hydrogeological Regioning of the Territory
of Rumania, by E. Liteanu, P. Marosi, S.
Rotman, A. Pricaja, T. Baudrubur, C. Ghenea,
13 pp.
RUMANIAN, per, Probleme de Geografie, Vol VI,
Bucharest, 1959, pp 47-54. JPRS 2462

Distribution of Landslides in the Rumanian
RUMANIAN, per, Probleme de Geografie, Vol VI,
Bucharest, 1959, pp 175-179. JPRS 2462

Forestry Developments 1944-1959, by Ludovic
Negrea, 4 pp.
RUMANIAN, per, Revista Padurilor, Vol LXXXIV,
No 8, Bucharest, 1959, pp 444, 445. JPRS 2462

CEMA Cooperation in Forestry, by Ion Panait,
Dutu Radulescu, 5 pp.
RUMANIAN, per, Revista Padurilor, Vol LXXXIV,
No 8, Bucharest, 1959, pp 447, 448. JPRS 2462
Eastern Europe
Economic (Contd)


Forestry Protection, by Horia Micovescu, 5 pp.

RUMANIAN, per, Revista Padurilor, Vol LXXIV, No 8, Bucharest, 1959, pp 461-471.

RUMANIAN, per, Revista Padurilor, Vol LXXIV, No 8, Bucharest, 1959, pp 481-498.

RUMANIAN, per, Revista Padurilor, Vol LXXIV, No 9, 10, Bucharest, 1959, pp 531-535, 594-598.

On the Classification of Economic and Socio-Cultural Units by the Branches of the National Economy, by E. Schlesinger, 7 pp.
RUMANIAN, per, Revista de Statistica, No 10, 1959, pp 35-41.

Polish Truck A-80 With Eight-Ton Payload, by E. Savitski, 4 pp.
RUSSIAN, per, Avtomobil Prom, No 11, 1959, pp 38, 39.

RUSSIAN, per, Stroitel i Dorozhnaya Mash, No 12, 1959, pp 3-9.

Development of Metal Cutting Methods in the German Democratic Republic, by N. N. Zorev, 9 pp.
RUSSIAN, per, Vest Mash, No 3, 1958, pp 77-81.

Ten Years of Yugoslavian Railroad.
SERBO-CROATIAN, per, Zeleznice, No 1, 1956, p 1.

Future Trends of Capacity Increase.
SERBO-CROATIAN, per, Zeleznice, No 1, 1956, pp 17-19.

SLOVAK, per, Stavba, No 1, Bratislava, 1960, pp 3-6.
Eastern Europe
Political

Lenin on Technological Progress and
Building of Material and Technological
Base of Socialist Society, by T. Yordanov,
(DC-3716).
BULGARIAN, per, Novo Vreme, Vol XXXVI,
No 3, 1960, pp 21-38. *JPRS

The Almost Simultaneous Transition of the
Socialist Countries to Communism, by
Nikola Stefanov, (DC-3626).
BULGARIAN, per, Novo Vreme, Vol XXXVI,
No 3, 1960, pp 54-66. *JPRS

Against Revisionism in Aesthetics, by G.
Dimitrov-Goshkin, (DC-3716).
BULGARIAN, per, Novo Vreme, Vol XXXVI,
No 3, 1960, pp 80-91. *JPRS

Izvestiya Notices of the Higher Party
School of Bulgarian Communist Party, by
D. Yosifov, P. Il. Petrov, K. Kukov,
(DC-3716).
BULGARIAN, per, Novo Vreme, Vol XXXVI,
No 3, 1960, pp 121-128. *JPRS

Socialism as the First Phase of Communism,
by Karel Holy, Pavel Machonin, 18 pp.
CZECH, per, Nova Mysl, No 1, 1960, pp 39-53. JPRS 3064

The New Territorial Organization and Cultural
Work in Czechoslovakia, by V. Jurik, (DC-3665).
CZECH, per, Nova Mysl, No 3, Prague, 1960,
pp 262-273. *JPRS

Philosophy and Practice (Review of Czecho-
slavek Marxist Philosophy and Philosophers),
by Zdenek Mlynar, (DC-3665).
CZECH, per, Nova Mysl, No 3, Prague, 1960,
pp 287-299. *JPRS

Discussion About Socialist Realism in
Czechoslovakia, (DC-3665).
CZECH, per, Nova Mysl, No 3, Prague, 1960,
pp 323-328. *JPRS
Eastern Europe
Political (Contd)

CZECH, per, Nova Mysl, No 1, Prague, 1960, pp 383-395.

Lenin's Principles of Fraternal Relations Between the Czechoslovak Republic and the Countries of the Socialist Camp, by J. Sedivy, (DC-3783).
CZECH, per, Nova Mysl, No 4, Prague, 1960, pp 396-405.

Chinese Life -- A Model for the Soviet Zone of Germany, (DC-3756).

Khrushchev's New Policy toward the Satellites, 6 pp.
GERMAN, np, Neue Zuercher Zeitung, No 3984, Zurich, 18 Dec 1959, p 12.

Death Comes by Mail, 33 pp.
GERMAN, per, Der Spiegel, No 11, 12, Hamburg, 9, 16 Mar 1960, pp 34-48, 39-49.

Several Economic Problems of Contemporary Capitalism, by Erik Molnar, 70 pp.

HUNGARIAN, per, Partelet, No 3, 1960, pp 7-21.

Into the Jubilee Year - Dealing With the Buildings of Socialism in Czechoslovakia, by T. Slovka, (DC-3655).
SLOVAK, per, Za Socialisticku Skolu, No 1, Bratislava, 1960, pp 1-7.

- 48 -
Eastern Europe

Military

Possible Uses of the VOJIN Service in Coastal Defense, by Nestor Gabrovšek, (DC-3735).
CROATIAN, per, Mornaricki Glasnik, No 3, Belgrade, 1959, pp 314-320.

Defense of a VOJIN Unit, by Milo Lekovic, (DC-3735).
CROATIAN, per, Vazduhoplovni Glasnik, No 3, Belgrade, May/Jun 1959, pp 239-246.

Hispano Suiza AA Weapon (30-mm Quadruple AA Gun), 11 pp.
GERMAN, brochure, Betriebsvorschrift 30 mm Vierlungs-Geschutz Flab-Batterie Hispano Suiza/Contraves.

Packing for the Federal Forces, by F. Lebert.
GERMAN, per, Neue Verpackung, Vol XII, No 6, 1959, pp 378-390.

GERMAN, per, Truppenpraxis, No 7, 1959, pp 539-541.

Military Service Law of Hungary.
HUNGARIAN, bk, 1939 Evi Orszagos Torvenytor (Corpus Juris) Kiadja Am Kir Belugyminiszterium, Budapest, 1939.

Some Problems in Modern Anti-Submarine Warfare, by Tadeusz Siwiec, 7 pp.
POLISH, per, Przeglad Morski, No 10, 1959, pp 3-6.

Remarks on a Tactical Exercise, by Aleksander Ligaj, (DC-3727).
POLISH, per, Przeglad Wojsk Ladowych, Jul 1959, pp 52-56.

POLISH, per, Przeglad Wojsk Ladowych, Jul 1959, pp 57-61.

*JPRS

ACS1 H-5947

*ACS1 H-4814

Navy 2457/ONI 656

*JPRS

*JPRS

Section in Diamond Formation, 8 pp. POLISH, per, Wojskowy Przegląd Lotniczy, No 10, 1959, pp 21-32. AF 1419393


Standardization and Unifying of Medical Supplies in the Yugoslav Army, by Ph. A. Hranilovic. SERBIAN, per, Vojno Sanitetski Pregled, Vol XV, No 9, 1958. *ACSI H-6209

Geography


The Sarajevo - Place Section. SERBO-CROATIAN, per, Zeleznice, No 1, 1956, pp 20-26. ACSI H-4658
Eastern Europe

Sociological


Regulations Pertaining to Occupations Exercised by Private Handicraftsmen, 3 pp.
BULGARIAN, per, Izvestiya na Prezidiya na Narodnoto Subranie, No 94, 24 Nov 1953.

The Regulatons on Travel Documents for the Crossing of State Frontiers, (Yugoslavia).

Violations of Workers' Rights and Their Causes, by Borislav Jovic, 14 pp.
CROATIAN, per, Socijalna Politika, Vol IX(XIV), No 12, Belgrade, 1959, pp 30-41.

The Principles of Czechoslovak Population Policy, by Vladimir Srb, (DC-3669).
CZECH, per, Demografie, No 1, Prague, 1960, pp 1-7.

Smolenice Conference on Standard of Living, (DC-3669).
CZECH, per, Demografie, No 1, Prague, 1960, pp 68-75.


Reform of Education in the Bulgarian People's Republic, by A. Strizova, 13 pp.
CZECH, per, Pedagogika, Vol IX, No 4, Prague, 1959, pp 502-508.

- 51 -
Sociological (Contd)

CZECH, per, Pedagogika, Vol IX, No 4, Prague, 1959, pp 513-519.

On the Question of Strength in Swimming Training, by Karel Jurina.
CZECH, per, Teorie e Praxe Telesne Vychovy a Sportu, Vol VI, No 2, Praha, 1958, pp 78-86.

East German Minister of Health Discusses Tasks and Achievements in Public Health, by Max Sefrin, 7 pp.
GERMAN, per, Neues Deutschland, No 44, 13 Feb 1960, p 4.

Some Problems of Fertility, Family Planning and Birth Control, by Gyorgy Acsadi, Andras Klinger, 36 pp.
HUNGARIAN, per, Demografia, Vol II, No 2/3, 1959, pp 176-211.

Demographic Bases of Manpower Analysis, by Jozsef Tamasy, 19 pp.

Polish Minister of Education Discusses Problems Faced by Elementary School System, by Wacław Tulodziecki, 7 pp.
POLISH, per, Nowa Szkola, No 12, Warsaw, 1959, pp 1-4.

Schooling for National Minorities in Poland, by Stanisław Mauersberg, (DC-3670).
POLISH, per, Nowa Szkola, No 2, Warsaw, 1960, pp 8-11.

POLISH, per, Nowe Drogi, No 3, 1960, pp 158-163.
Results of Research on Group of Young Offenders in Poland, by Pawel Zakrzewski, 11 pp. POLISH, per, Nowe Prawo, Vol XV, No 12, Warsaw, 1959, pp 1428-1437.


Professional Training and Schooling of Yugoslav Social Insurance Workers, by Branislav Maksimovic, 8 pp. POLISH, per, Socijalna Politika, Vol X(XV), No 1, Belgrade, 1960, pp 47-54.


Eastern Europe
Sociological (Contd)

Results of Observations at Selected Twelve-Year Middle Schools During the 1958-1959 School Year, (DC-3668).
SLOVAK, per, Jednotna Skola, No 10, Bratislava, 1959, pp 865-878. *JPRS

Biographic

Items on Hungarian and Russian Scientific and Higher Education Personalities and Organizations, (DC-3604).
HUNGARIAN, RUSSIAN, per, 1958-1959. *JPRS

Items on Yugoslav Scientific and Higher Education Personalities and Organizations, (DC-3603).
SERBIAN, per, 1958-1959. *JPRS
NORTHERN EUROPE

Economic

Danish Legislation on Problem of Oil Pollution of the Sea, 8 pp.
DANISH, rpt, Copenhagen, 14 Mar 1960.

Dept of State 4423287

Study of the Location Problems of the Wood Processing Industry of Central Finland, by Risto Tuominen, (DC-3729).
GERMAN, monograph, Tutkimus Keski-Suomen Metsatellisuuden Sijaimnista, 1959, pp 80-86.

*JPRS 3145

Political

Press Articles on Recent Danish Espionage Case, 83 pp.
DANISH, np, 3 Nov-21 Dec 1959.

JPRS 3151

Preparation for Twelfth Party Congress Discussed by Chairman of the Finnish Communist Party (Struggle Against Power of Big Capital), by Aimo Aaltonen, 4 pp.
FINNISH, per, Kommunisti, Vol XVI, No 1, Helsinki, 1960, pp 3-5.

Military

FINNISH, rpt, 5 Nov 1959.

ID 2131840

Equipment of Officers (Official Military Order), 9 pp.
FRENCH, per, Feuille Officielle Militaire, No 3, Jun 1959, pp 89-97.

ACSI H-5643


*ACSI H-5003
Northern Europe

Military (Contd)

Defense Post Exchange and Canteen Service, 5 pp. ID 2132591
NORWEGIAN, per, Norges Forsvar, No 10, 1959, pp 259, 261, 263.

SWEDEN, per, Globen, No 4, 1959.

The Defense Index, by Karl Frithiofson, 4 pp.
SWEDISH, per, Ny Militar Tidskrift, No 1, 1959.

Geographic

Southwest Skane.
SWEDISH, per, Atlas Oversverige, pp 1, 3-8.
(Call No G2070, S96, Eng Tr)

Biographic

Press Clippings on Swedish Scientific and Military Personalities, (DC-3795).
Economic

II. Roads and Land Transport, 47 pp.
III. Inland Waterways, 35 pp.

The Immediate Prospects of the Guinea Projects.

Turkish Railways, 17 pp.
TURKISH, per, Ankara, 19 May 1959.

Political

ARABIC, rpt, Tripoli, 29 Feb 1960.

ARABIC, np, al-Mabda', Baghdad, 10 Jan 1960, pp 1, 8.

ARABIC, np, al-Mabda', Baghdad, 12 Jan 1960, pp 1, 2.

ARABIC, np, al-Mabda', Baghdad, 15 Jan 1960, pp 1, 8.

ARABIC, np, Ittihad ash Sha'b, Baghdad, 10 Jan 1960, pp 3-5.
Near East/Africa
Political (Contd)

ARABIC, np, Ittihad ash Sha'b, Baghdad,
10 Jan 1960, pp 5, 6. JPRS 3151

Platform of the Democratic Party of Iraqi
Kurdistan, 7 pp.
ARABIC, np, Ittihad ash-Sha'b, Baghdad,
11 Jan 1960, p 7. JPRS 3154

A Communist Party, Not a Rightist Following,
by Mohammed Hussein Abu-el-Aiss, 10 pp.
ARABIC, np, Ittihad ash Sha'b, Baghdad,
19, 21, 25 Jan 1960, pp 1, 3. JPRS 3151

The Seeds of Communism and How They Grew --
Reminiscences and Recollections, by Zaki
Khayri, 9 pp.
ARABIC, np, Ittihad ash-Sha'b, Baghdad,
26 Jan 1960, pp 6, 7. JPRS 3151

One Year of Revolutionary Struggle, by
Mohammed Hussein Abu el Aiss, 3 pp.
ARABIC, np, Ittihad ash-Sha'b, Baghdad,
27 Jan 1960, pp 1, 4. JPRS 3151

Preface to the Platform and By-Laws of the
Democratic Party of Iraqi Kurdistan, 9 pp.
ARABIC, np, Khehbat, Baghdad, 11, 12 Jan
1960, pp 1, 7, 8. JPRS 3154

Role of the Democratic Party of Iraqi
Kurdistan in Leading the Struggles of the
Toiling Masses of Kurdistan, 3 pp.
ARABIC, np, Khehbat, Baghdad, 13 Jan 1960,
pp 1, 8. JPRS 3154

The Democratic Party of Iraqi Kurdistan
Jealously Guards the Preservation of Our
Immortal Republic, the Consolidation of
Its Existence and the Strengthening of
True Iraqi Unity, 3 pp.
ARABIC, np, Khehbat, Baghdad, 15 Jan 1960,
pp 1, 8. JPRS 3154
Near East/Africa
Political (Contd)

FRENCH, rpt, Casablanca, 8 Mar 1960.

Death Comes by Mail (Algeria), (DC-3732).
GERMAN, per, Der Spiegel, No 10, 2 Mar 1960, pp 38-50.

Military

Greek Armed Forces Promotions Law, 40 pp.
GREEK, rpt, 13 Nov 1959.

Native Packers in Possible Military Operation in Angola.
PORTUGUESE, per, Revista Militar, Vol VII,
Ser 2, Portugal, 1955.

Personnel Duties When Faced With Nuclear Warfare,
by Kazim Avda; A Second Study Concerning Technical Intelligence,
by Avni Deaykan.
TURKISH, per, Ordu Dergisi, Jun 1958,
pp 14-35.

Geographic

The Scientific Expedition to the Sterrangepbergte (Mountain Range),
Netherlands New Guinea, by L. D. Brongersma.
DUTCH, per, Tijdschrift van het Koninklijk
Nederlandsch Aardrijkskundig Genootschap,
Vol LXXVI, No 4, 1950, pp 323-326. (Call
No 021, N46, Ser 2, Eng Tr)

Aerial Photogrammetric Surveys in Libya in 1939.
ITALIAN, per, Universo, Vol XX, No 12, 1939,
pp 911-917. (Call No GI.U58, Eng Tr)

Orography of Rio Muni Province and Its Forest Utilization,
by E. Delgado Orbaneja.
(Call No DUT.A24, Eng Tr)
Near East/Africa

Sociological

Ministerial Decrees Implementing the Labor and Social Insurance Laws, 52 pp.
ARABIC, rpt, Cairo, 7 Mar 1960.

For Whom, If Not For the People?, by Mohammed Mahdi al Jawhary, 3 pp.
ARABIC, np, Ittihad ash-Sha'b, Baghdad, 25 Jan 1960, pp 2, 3.

Two Questions Answered, by Hussein Ahmad al Rida, 5 pp.
ARABIC, np, Ittihad ash-Sha'b, Baghdad, 26 Jan 1960, pp 1, 8.

ARABIC, np, Ittihad ash-Sha'b, Baghdad, 26 Jan 1960, p 2.

How I Became a Writer for Al Ka'edah and Ittihad Ash-Sha'b, by Baha Ud-Din Nuri, 3 pp.
ARABIC, np, Ittihad ash-Sha'b, Baghdad, 26 Jan 1960, p 4.

Attempt to Apply Practically the Theories of W. W. Rostow, by Charles Francois, 7 pp.
FRENCH, per, La Presse Africaine, Bukavu, 2 Jan 1960, p 11.

Visit of Nadzhiin ed Din al'Mumais (Director of the Technical Institute, General Director of the Department of Veterinary Medicine of Iraq) in the USSR, by N. Gritsenyuk.
RUSSIAN, per, Veterinariya, Vol XXXVII, No 1, 1960, pp 95, 96. 9048330 USDA
Economic

Communist Chinese Industrial Plants, V: Fuel and Power, B: Coal. (ID 2732649) CHINESE, JAPANESE, rpt, bk, per, np, Nov 1959. USACRAPAC, PD

China's 1959 Plan Fulfillment, 7 pp. CHINESE; summary of World Broadcasts, 1960, FE/241/C1-6. LLJ Tr Bul Mar 1960

Selected Translations from "Urban Construction," (DC-3715). CHINESE, per, Ch'eng-shih Chien-she, No 11, 12, 1, 2, 1959, 1960. *JPRS

The Rapid Progress of the Chinese People Along the Road of Building Socialism, by Li Fu-ch'un, 13 pp. CHINESE, per, Chi-hua yu T'ung-chi, No 12, Peiping, 23 Sep 1959, pp 8-12. JPRS 2500

Take Up the Weapon of Statistics and Strive to Oppose Rightist Opportunism So As To Protect the General Line of the Party, by Chia Ch'i-wen, 8 pp. CHINESE, per, Chi-hua yu T'ung-chi, No 12, Peiping, 23 Sep 1959, pp 13-15. JPRS 2513

A Brilliant Decade, 37 pp. CHINESE, per, Chi-hua yu T'ung-chi, No 12, Peiping, 23 Sep 1959, pp 16-23. JPRS 2510


Far East
Economic (Cont'd)

CHINESE, np, Kuang-chou Jih-pao, Canton, 31 Dec 1958, pp 1, 2. JPRS 2392

CHINESE, np, Kuang-chou Jih-pao, Canton, 13 Jul 1959, p 2. JPRS 2396

Kuangsi Government Activities During Past Eight Years and the Future of the Autonomous Region, by Wei Kuo-ch'ing, 18 pp.
CHINESE, np, Kwangsi Jih-pao, Nanning, 14 Mar 1958, p 3. JPRS 3140

A Study of Accomplishments in the Selection of Dam Types for High Dam Pivot Projects and Expansion of Dam Types During the Last Ten Years, by Nieh Chen-wei, 26 pp.
CHINESE, per, Shui-li Shui-tien Chien-she, No 17, Peiping, 11 Sep 1959, pp 7-13. JPRS 2447

Domestic (Cement) Plasticizers and Their Efficacy, 24 pp.
CHINESE, per, Shui-li Shui-tien Chien-she, No 17, Peiping, 11 Sep 1959, pp 14-20. JPRS 2447

An Analysis of the Turbulent Water (Kun-shui) Conditions of the Fu Ho, Kiangsi, Chiao-mien Turbulent Water Earth Dam, by Kung T'ung-fu, 4 pp.
CHINESE, per, Shui-li Shui-tien Chien-she, No 17, Peiping, 11 Sep 1959, pp 28-35. JPRS 2447

CHINESE, per, Shui-li Shui-tien Chien-she, No 18, Peiping, 26 Sep 1959, pp 18-20. JPRS 2447
Far East
Economic (Contd)

Great Accomplishments in Water Conservation
Construction in Heilungjiang in the Past Ten
Years, by Li Chi-ch'eng, 10 pp.
CHINESE, per, Shui-li Shui-tien Chien-she,
No 18, Peiping, 26 Sep 1959, pp 23-25. JPRS 2447

Expansion of Earth Dam Techniques in China
During the Last Ten Years, by Ku Chin-ch'eng,
9 pp.
CHINESE, per, Shui-li Shui-tien Chien-she,
No 18, Peiping, 26 Sep 1959, pp 32, 33, 41. JPRS 2447

Railway Transport Goals for 1959, (DC-3679).
CHINESE, per, T'ieh-tao Chou-k'ang, No 51,
30 Dec 1959, pp 8-11. JPRS 2434

Quantitative Analysis of the Development
Rate of Transportation, by Yen Te-i,
(DC-3679).
CHINESE, per, Ti-li Chih-shih, No 3, 1959,
pp 6-9. JPRS 2434

Revisions of the Principal Targets in the
1959 Economic Plan of Shantung Province, by
CHINESE, np, Tsingtao Jih-pao, 19
Sep 1959, p 2. JPRS 2434

Selected Extracts on the Metallurgical
Industries of Communist China, (DC-3667).
CHINESE, per, Yeh-ch'in Pao, No 32, 41, 42,
45, 46, 1959. JPRS 2434

Build Basic Construction of the Metallurgical
Industry at High Speed, (DC-3667).
CHINESE, per, Yeh-ch'in Pao, No 41, 16 Oct 1959,
pp 3-6. JPRS 2434

Workers and Staff Members of the Basic Con-
struction Units Raise Your Work Enthusiasm,
(DC-3667).
CHINESE, per, Yeh-ch'in Pao, No 41, 16 Oct 1959,
pp 10-13. JPRS 2434
Far East
Economic (Contd)

CHINESE, per, Yeh-chin Pao, No 46, 20 Nov 1959, pp 35-38.

Peking's Foreign Economic Relations, (DC-3661).
GERMAN, ep, Aus Politik und Zeitgeschichte, suppl to Das Parlament, 3 Feb 1960, pp 60-64, 79-86.

The Railways of New China, by Ten Daj-Juan, (DC-3533).
GERMAN, per, Z der Organisation fuer die Zusammenarbeit der Eisenbahnen, Vol II, No 4, 5, Warsaw, 1959, pp 1-5.

Tokai Regional Fishery Research Laboratory Activities 1957-1958, 14 pp.
JAPANESE, rpt, Tokyo, 11 Feb 1960.

JAPANESE, per, Ajia Keizai Jumpo, No 412, Tokyo, 1 Nov 1959, pp 1-10.

JAPANESE, per, Ajia Kenkyu, No 196, Tokyo, 1 Dec 1959, pp 15-17.

JAPANESE, per, Heiki to Giutsu, Tokyo, 1958, pp 42-72.

North Korea Industrial Plants, 23 pp.
(ID 2132646)
KORRA, rpt, per, bk, 30 Oct 1959.

For the Accurate Fulfillment of the 1959 State Budget, by So Tong-gwan, 10 pp.
KOREAN, per, Chajung Kumyung, No 2, P'yong-yang, 1959, pp 28-29.

- 64 -
Isn't It Possible to Raise the Turnover Rate of Funds, 5 pp.
KOREAN, per, CheugKumyung, No 4, P'yongyang, 1959, pp 46, 47.

KOREAN, per, CheugKumyung, No 4, P'yongyang, 1959, pp 48, 49.

KOREAN, per, CheugKumyung, No 5, P'yongyang, 1959, pp 49-52.

KOREAN, per, CheugKumyung, No 5, P'yongyang, 1959, pp 51-53.

KOREAN, per, CheugKumyung, No 6, P'yongyang, 1959, pp 53-55.

Silviculture and Forestry Exploitation in Mongolia, by Aurel Dadiu, Nicolae Goergescu, 11 pp.
RUMANIAN, per, Revista Padurilor, Vol LXXIV, No 9, Bucharest, 1959, pp 509-512.

The Circulation of Money in the People's Republic of China, by T. Ling, Han Lei, (DC-3745).

Socialist Industrialization in China, by Tseng Wen-ching, (DC-3687).
RUSSIAN, bk, Sotsialisticheskaya Industrializatsiya Kitaya, 1959, pp 140-381.

RUSSIAN, bk, Toplivno-Energeticheskaya Baza Kitayskoy Narodnoy Respubliki, 1959, pp 64, 124-130. (Call No SIP 347062, Nq Tr)
Far East
Economic (Contd)

RUSSIAN, per, Byul Nauch Informatsii Trud i Zarabotnaya Plata, No 10, 1959, pp 59-63.

The Capacity of One "mu" (1 mu is 1/15 of a Hectare (China)), by P. A. Baranov.
RUSSIAN, per, Iz Ak Nauk SSSR, Ser Biol, No 1, 1960, pp 82-97.

RUSSIAN, per, Metallurg, No 2, 1960, pp 37-40.

Chinese Waterways and Their Development During the Decade of People's Rule, by V. N. Maslyakov.
RUSSIAN, per, Rechnoy Transport, No 12, 1959, pp 52, 53. (Call No HE7, R29, Eng Tr)

Financial Management in Production, by Do Van Suu, (NY-3971).
VIETNAMESE, per, Cong Nghiep, No 22, 16 Jan 1960, pp 5, 10, 11.

- 66 -
The Penetration of Latin America by the Chinese Communists, by Hsing Chen-hua, (DC-3653).
CHINESE, bk, Chung-kung Tui La-ting Mei-chou ti Ch'en-t'ou, 1959, pp 1-50. *JPRS


We Want Uninterrupted Revolutions and Uninterrupted Leaps Forward, by Chang Hsiang-shan, (NY-3929).
CHINESE, per, Chung-kuo Ch'ing-nien, No 6, 16 Mar 1960, pp 21-24. *JPRS

The Glory of the Mao Tse-tung's Ideology, by Hu Hsi-k'uei, (NY-3929).
CHINESE, per, Hsin Chien-she, No 3, 7 Mar 1960, pp 1-11. *JPRS

CHINESE, per, Hsin-hua Pan-yueh-k'an, No 23, Peiping, 12 Dec 1959, pp 183-185. *JPRS 3157

CHINESE, per, Hsin-hua Pan-yueh-k'an, No 3, 12 Feb 1960, pp 183-185. *JPRS

CHINESE, per, Hsin-hua Pan-yueh-k'an, No 4, 27 Feb 1960, pp 182-285. *JPRS

Honan Industry Maintains the Leap Forward, by Yang Wei-p'ing, 7 pp.
CHINESE, per, Hung-ch'i, No 3, Peiping, 1 Feb 1960, pp 25-29. JPRS 3169

How Lai-an Hsien Organized and Maintained the Study of Theory by the Worker and Peasant Masses, by Liu Wan-pang, 7 pp.
CHINESE, per, Hung-ch'i, No 3, Peiping, 1 Feb 1960, pp 30-34. JPRS 3169
Far East
Political (Contd)

The Industry Operated by the Nan-yueh People's Commune, by Chu Jung-fang, 7 pp.
CHINESE, per, Hung-ch'i, No 3, Peiping, 1 Feb 1960, pp 34-37.

The Charming Rivers of Sha-tien, by Ch'en Ts'an-yun, 9 pp.
CHINESE, per, Hung-ch'i, No 3, Peiping, 1 Feb 1960, pp 38-41.

Manual on General Knowledge of the Party (Malayan Communist Party), (DC-3644).
CHINESE, per, Liberation Society, 1 Oct 1959, pp 1-43.

Forward, Pa-yin Commune, 4 pp.
CHINESE, per, Min-tzu T'uan-chieh, No 11, Peiping, 1959, p 7.

Great Achievements, Magnificent Advances, 3 pp.
CHINESE, per, Min-tzu T'uan-chieh, No 12, Peiping, 1959, p 3.

Red Banner on the Grass Plains, 6 pp.
CHINESE, per, Min-tzu T'uan-chieh, No 12, Peiping, 1959, p 5.

Communal Diners Firm as T'ai Shan, 6 pp.
CHINESE, per, Min-tzu T'uan-chieh, No 12, Peiping, 1959, p 37.

Victory of the Party Racial Policy in Yunnan, 6 pp.
CHINESE, per, Min-tzu Yen-chiu, No 11, Peiping, 1959, p 19.

Big Changes in Lin-hsia Autonomous Chou in the Past Ten Years, 8 pp.
CHINESE, per, Min-tzu Yen-chiu, No 11, Peiping, 1959, p 23.
Far East
Political (Contd)

Facts Refute the Nonsense That the People's Communes Have Been Established Prematurely and Are Badly Managed, 8 pp.
CHINESE, per, Min-tzu Yen-chiu, No 11, Peiping, 1959, p 32.

Solving the Race Problem Among Mingled and Scattered Minorities, 9 pp.
CHINESE, per, Min-tzu Yen-chiu, No 11, Peiping, 1959, p 33.

Several Problems Concerning Leadership Methods, (DC-3644).
CHINESE, per, Pei-hsing She, 1 Mar 1959, pp 1-11.

On the Present Foreign Policies of America, by Ta'ui Ch'i, T'an Wen-jui, (NY-3929).
CHINESE, per, Shih-chien Chih-shih, No 6, 20 Mar 1960, pp 4-11.


Please Look Where We Are Going, by Wang Li, 5 pp.
CHINESE, per, T'ien-feng, No 1, 1959, pp 30, 31.

CHINESE, per, T'ien-feng, No 2, 26 Jan 1959, pp 25, 26.

CHINESE, per, T'ien-feng, No 3, 16 Feb 1959, pp 27-29.

Continue to Walk on the New Road, by Ch'en Hsien-te, 3 pp.
CHINESE, per, T'ien-feng, No 4, 1959, p 27.
Far East
Political (Contd)

The Three Subjects of 'Self-Reform,' by Cheng Chien-nieh, 11 pp.
CHINESE, per, T'ien-feng, No 7, 13 Apr 1959, pp 18-20, 22.

JPRS 2520

HUNGARIAN, per, Tarsadalmi Szemle, No 2, Budapest, 1960, pp 91-102.

JPRS 3121


Japanese Study on Communist Forces in Laos, by Imai Tadashi, (DC-3657).

Resistance Movements by Youth and Students in Communist China, 4 pp. (ID 2132647)
JAPANESE, per, Tairiku Mondai, Nov 1959.

USACRAPAC, PD Doc No 100766

The Offensive Against Japan in the World Strategy of International Communism.
JAPANESE, per, Tairiku Mondai, 1 Apr 1960, pp 25-30.

KOREAN, per, Inmin Ky!., No 11, 1959, pp 16-19.

Selected Articles From North Korean Legal Journal (Minju Sabop), (NY-3912).
KOREAN, per, Minju Sabop, No 10, 1959.

Necessity and Significance of Unifying Judicial Administrations and Judgement, by Yi Pong-gol, (NY-3912).
KOREAN, per, Minju Sabop, No 10, 1959, pp 4-8.

*JPRS
Far East
Political (Contd)


Far East
Political (Contd)

KOREAN, per, Tang Kanbudulege Chunun Ch'amgo Charyo, No 12, 1959, pp 13-17.

KOREAN, per, Tang Kanbudulege Chunun Ch'amgo Charyo, No 12, 1959, pp 17-21.

The People's Communes in China, by S. Yovev, 16 pp.
RUSSIAN, per, Vest Inst Po Izuchenlye SSSR, No 1, Munich, 1959, pp 47-59.

Situation of Overseas Vietnamese in Thailand, 3 pp.
VIETNAMESE, np, Nhan Dan, No 2093, Hanoi, 9 Dec 1959, p 2.

Test of Law on Election of National Assembly Delegates in North Vietnam, 12 pp.

Military

Transmittal of Liberation Army Pictorial 20/1959, 12 pp.
CHINESE, per, Chieh Fang Chun Hua Pao, 16 Oct 1959.

Sailors of the Peoples' Vietnam, 4 pp.
RUSSIAN, per, Sovet Flot, No 6, 1960, p 4.

Military Affairs in the Bight of Bangkok, by Ampern Srichaiyant, 5 pp.
THAI, per, Navigasastr, Jan 1960.
Far East
Geographic

Plant Geography of Yu-lung Snow Mountain,
by Ch'iu Lien-ch'ing, Chin Chen-chou, 13 pp.
CHINESE, per, Ti-li Chih-shih, No.11, Peiping,
1958, pp 434-487. JPRS 2445

Hydrography and Geography of the Pearl River Basin,
by Liu Ch'ang-ming, Shu Li-kung, 22 pp.
CHINESE, per, Ti-li Chih-shih, No 11, Peiping,
1958, pp 488-493. JPRS 2448

Rapid Growth of Ch'ang-ch'un, by Ma Ying-hua,
(CH-3680).
CHINESE, per, Ti-li Chih-shih, No 12, 1959,
pp 538-542. JPRS

Preliminary Survey of the Natural Geography of
the Ch'ing-hai Hu Area, by Suu Ya-feng,
Ch'en Meng-hsiung, Li Wei-chih, I Shih-ming,
29 pp.
CHINESE, per, Ti-li Hsueh-pao, No 1, Peiping,
Feb 1958, pp 33-46. JPRS 1166-D

Some Landform and Land Utilization Problems
in the K'ai-feng Area, by Suu Hsi-ming, Ma
Jui-chun, 4 pp.
CHINESE, per, Ti-li Hsueh-pao, No 1, Peiping,
Feb 1958, pp 49-58. JPRS 1166-D

Ground Freezing in the Peiping Area, by Cheng
Ssu-chung, 3 pp.
CHINESE, per, Ti-li Hsueh-pao, No 1, Peiping,
Feb 1958, pp 60-64. JPRS 1166-D

Population Density of the Nan-t'ung Special
District in Kiangsu Province, by Hu Huan-jung,
8 pp.
CHINESE, per, Ti-li Hsueh-pao, No 1, Peiping,
Feb 1958, pp 79-82. JPRS 1166-D

CHINESE, per, Ti-li Hsueh-pao, No 1, Peiping,
Feb 1959, pp 67-89. JPRS 3093

- 73 -
Far East

Geographic (Contd)

Geodesy and Cartography in the Chinese People’s Republic, by V. N. Lysjak, (NY-3942).
GERMAN, per, Geodesija i Kartografija v Kitajskoj Narodnoj Respublike, No 3, 1959, pp 64-74. *JPRS

Ancient and Modern Sinkiang, by Lois Mitchison.
ITALIAN, per, Le Vie del Mondo, Vol XX, No 5, 1959, pp 497-510. (Call No GL V65 Eng Tr). AMS

Right of Bangkok, by Ampern Srichayant, 3 pp.
THAI, per, Navigasastr, Dec 1959. Navy/OMI 5089502

Sociological

A List of Catalogues of Books Published in China (Part 1), (NY-3869).

A Short Discussion of the Great Significance of the Production, Distribution, and Use of the National Income in a Socialist Economy, by Yang Chien-pai, (NY-3929).
CHINESE, per, Hsin Chien-she, No 3, 1960, pp 12-18. *JPRS

Oppose the Rightists, Be Enthusiastic, Balance Increased Production and Economy, Broaden Cultural Revolution, by Lu Ting-i, 11 pp.
CHINESE, per, Hsin-hua Pan-yueh-kan, No 22, Peiping, 27 Nov 1959, pp 46-50. JPRS 3114

Develop Education in Our Country Faster and Better, by Chang Chi-ch’un, 10 pp.
CHINESE, per, Hung-ch’i, No 3, Peiping, 1 Feb 1960, pp 10-16. JPRS 3169

CHINESE, per, Hung-ch’i, No 3, Peiping, 1 Feb 1960, pp 17-24. JPRS 3169
Far East
Sociological (Contd)

The Great Revolution and Great Development in China's Educational Program, by Yang Hsiu-feng, 14 pp.
CHINESE, np, Jen-min Jih-pao, Peiping, 8 Oct 1959, p 7. JPRS 3019

Of Your Own Power Nourish Spare-Time Teachers, 3 pp.
CHINESE, np, Jen-min Jih-pao, Peiping, 1 Dec 1959, p 4. JPRS 3114

Field Teaching Fruitful and Thorough, 3 pp.
CHINESE, np, Jen-min Jih-pao, Peiping, 2 Dec 1959, p 4. JPRS 3114

Kwangtung Newly-Built Higher Schools Mature Quickly, 3 pp.
CHINESE, np, Jen-min Jih-pao, Peiping, 11 Dec 1959, p 4. JPRS 3114

Scientific Research in Higher Schools Advances, 4 pp.
CHINESE, np, Jen-min Jih-pao, Peiping, 17 Dec 1959, p 6. JPRS 3114

A Good Form for Conjoining Education With Productive Labor, 4 pp.
CHINESE, np, Jen-min Jih-pao, Peiping, 25 Dec 1959, p 6. JPRS 3114

Chung-shan University Gets Results in Scientific Research, 3 pp.
CHINESE, np, Kuang-ming Jih-pao, Peiping, 16 Dec 1959, p 1. JPRS 3132

Flying Leaps in Education in Liang Shan, 3 pp.
CHINESE, per, Min-tzu T'uan-chieh, No 11, Peiping, 1959, p 38. JPRS 3130

Improve Training and Teaching of Workers From Minorities, 4 pp.
CHINESE, per, Min-tzu T'uan-chieh, No 11, Peiping, 1959, p 34. JPRS 3130

- 75 -
Far East
Sociological (Contd)

Like a Family, 7 pp.
CHINESE, per, Min-tzu T'uan-chieh, No 12, Peiping, 1959, p 8.

Flying Growth in the Kweichow Minority Areas, 6 pp.
CHINESE, per, Min-tzu T'uan-chieh, No 12, Peiping, 1959, p 27.

CHINESE, per, Min-tzu T'uan-chieh, No 12, Peiping, 1959, p 30.

I Have Received a Profound Socialist Education, by Hsieh Yung-ch'in, 6 pp.
CHINESE, per, T'ien-feng, No 2, 26 Jan 1959, pp 14, 15.

CHINESE, per, T'ien-feng, No 2, 26 Jan 1959, pp 16, 17.

CHINESE, per, T'ien-feng, No 6, 2 Apr 1959, p 25.

My Initial Understanding of Labor and Self-Reform, by Ch'eng Pu-yun, 7 pp.
CHINESE, per, T'ien-feng, No 7, 13 Apr 1959, pp 21, 22.

Law on Annuities for Public Officials (Korea), 15 pp.

Biographic

The Ten Best Scientists in Japan Today, (DC-3721).
JAPANESE, per, Bungei Shunju, No 3, 1960, pp 158-166.
Economic

Netherlands Trade With the Soviet Union, 5 pp.
DUTCH, per, Economische Voorlichting, 4 Mar 1960.

British Aircraft Industry, by H. G. Dutertre.
FRENCH, per, Air Tech, No 5, 1959, pp 55, 56.

Industry, by Yves Charoy.
FRENCH, per, Confluent, 1957, pp 332-343.
(Call No ELF 347112, Eng Tr)

Analysis of East/West Trade, December 1959,
18 pp.
GERMAN, rpt, Beobachtungen zum Ostverkehr
im en Monat, December 1959.

West German Budget for Atomic Energy for
Fiscal Year 1960, 5 pp.
GERMAN, per, Die Atomwirtschaft, Vol II, No 2,
1960.

Communists and Business Boom, by Franz Marek,
6 pp.
GERMAN, per, Weg und Ziel, Vol XVIII, No 1,

GERMAN, per, Weg und Ziel, Vol XVIII, No 1,
Western Europe
Political

DUTCH, per, De Brug, Vol II, No 18, Amsterdam, 4 Feb 1960, pp 4-8.


Interview With Santiago Carrillo, Secretary-General of Communist Party of Spain (How to Get Out of Dictatorship), 8 pp.

Excerpts From "The Hour of Foreign Cultural Policy," by Wolfgang Hoepker, 10 pp.

GERMAN, per, Die Woche, No 11, 13 Mar 1960, pp 1-5.
Western Europe

Military

Instruction Fixing the Uniform and Dress for Officers and Non-Commissioned Officers of the Police Force, 18 pp.

From the Auto-Defense to the Light Anti-aircraft Defense, 5 pp.

The Overseas Gendarmerie, by Javaudin, 18 pp.
FRENCH, per, Tropiques, Oct 1959, pp 5-14.

Construction of Naval Bases, 8 pp.
PORTUGUESE, per, A Marinha E Revista, Dec 1956, pp 34-41.

Aviatura 1/4 Ton Jeep Used in the Transport of the Wounded, 10 pp.

Geographic

The West Coast of Italy, Sicilian and Adriatic Ports (North Atlantic Range Conference, Compendium of Regulations), 10 pp.
ITALIAN, pamphlet, Jan 1950.
Economic
Goal of Highway Transport.

Dissolution of the Economic and Social Development Bank (Cuba), 3 pp.
SPANISH, rpt, Havana, 4 Mar 1960.

Political
Opinions of the Court of Constitutional and Social Guarantees of Cuba Sustaining the Constitutionality of an INRA Resolution Providing for the "Occupation" of Lands of the Compania Agricola San Sebastian, 8 pp.
SPANISH, rpt, Havana, 7 Mar 1960.

Resolutions Adopted at Cuban Communist Youth Plenum of 28-29 November 1959 (Resolutions and Agreements Adopted at the Fourth Plenum of JS), 4 pp.
SPANISH, np, Ro. Havana, 6 Dec 1959, p 10.

Resolutions of the Twenty-First Plenum of Central Committee of Venezuelan Communist Party (PCV), 2-7 November 1959 (The PCV Will Promote a Dynamic Change in the Government's General Policy), 11 pp.


Statement of Paraguayan National Liberation Front on Case of Former Central Directorate Members Francisco Silva and Humberto Baudo Franco, 6 pp.
SPANISH, np, El Popular, Montevideo, 7, 8 Jan 1960, p 2.
Latin America
Political (Contd)

Unity of Communist Party of Peru Consolidated, 9 pp.
SPANISH, np, Unidad, Lima, 7 Nov 1959, p 7. JPRS 3151

Military

One Hundred Thousand Men of the Nation's Army to Defend Our Sovereignty Graduation in the Armored Units, 3 pp.
SPANISH, np, Revolucion, 23 Dec 1959. ID 2130050

Geographic

Road Layouts With the Help of Aerial Photogrammetry.
SPANISH, per, Obras Publicas, No 5, 1957, p 123. (Call No TA4.014, Eng Tr) AMS
Aeronautes

II-18 High Altitude Equipment, by B. Pavlovskiy.
RUSSIAN, per, Grazh Aviat, No 3, 1958, pp 18, 20.

Kokkinaki Navigates the Plane, 4 pp.
RUSSIAN, np, Izvestiya, 3 Feb 1960, p 2.

The Helicopter - A Hard Worker, by V. Kuznetsov, 3 pp.
RUSSIAN, np, Soviet Aviat, No 65, 14 Mar 1959.

The "Mirage" IV and Striking Power, by J. Gambu, J. Perard.

Flight Oxygen Equipment, by Jan Lipski.
Scientific Astronomy

RUSSIAN, bk, Fizika Solnechnykh Korpuskul-yarnykh Potokov i Ikh Vozdeystviye na Verkhnyuyu Atmosferu Zemli; Trudy Konferentsii Komissi po Issledovaniyu Solntsa, 22-24 Noyabrya 1955 g, Moscow, 1957, pp 51-58. ATIC MCL-309/III

Photometry of Coronal Rays and Corpuscular Streams, by G. M. Nikoloskiy.
RUSSIAN, bk, Fizika Solnechnykh Korpuskul-yarnykh Potokov i Ikh Vozdeystviye na Verkhnyuyu Atmosferu Zemli; Trudy Konferentsii Komissi po Issledovaniyu Solntsa, 22-24 Noyabrya 1955 g, Moscow, 1957, pp 57-69. ATIC MCL-309/III

Investigation of Movements in the Solar Corona by Studying Flare-Ups in Radiowave Emanation, by V. V. Vitkevich.
RUSSIAN, bk, Fizika Solnechnykh Korpuskul-yarnykh Potokov i Ikh Vozdeystviye na Verkhnyuyu Atmosferu Zemli; Trudy Konferentsii Komissi po Issledovaniyu Solntsa, 22-24 Noyabrya 1955 g, Moscow, 1957, pp 87-95. ATIC MCL-309/III

Effect of Solar Corpuscular Radiation on Comets, by S. M. Poloskov.
RUSSIAN, bk, Fizika Solnechnykh Korpuskul-yarnykh Potokov i Ikh Vozdeystviye na Verkhnyuyu Atmosferu Zemli; Trudy Konferentsii Komissi po Issledovaniyu Solntsa, 22-24 Noyabrya 1955 g, Moscow, 1957, pp 96-104. ATIC MCL-309/III

RUSSIAN, bk, Fizika Solnechnykh Korpuskul-yarnykh Potokov i Ikh Vozdeystviye na Verkhnyuyu Atmosferu Zemli; Trudy Konferentsii Komissi po Issledovaniyu Solntsa, 22-24 Noyabrya 1955 g, Moscow, 1957, pp 105-111. ATIC MCL-309/III

RUSSIAN, bk, Fizika Solnechnykh Korpuskul-yarnykh Potokov i Ikh Vozdeystviye na Verkhnyuyu Atmosferu Zemli; Trudy Konferentsii Komissi po Issledovaniyu Solntsa, 22-24 Noyabrya 1955 g, Moscow, 1957, pp 112-128. ATIC MCL-309/III
RUSSIAN, bk, Fizika Solnechnykh Korpuskul'yanikh Potokov i Ikh Vozdeystviye na Verkhnyuyu Atmosferu Zemli; Trudy Konferentsii Komissii po Issledovaniyu Solntsa, 22-24 Novyabrya 1955 g, Moscow, 1957, pp 131-143.

On Certain Regularities of Magnetic Disturbances in High Altitude, by O. A. Burdo.
RUSSIAN, bk, Fizika Solnechnykh Korpuskul'yanikh Potokov i Ikh Vozdeystviye na Verkhnyuyu Atmosferu Zemli; Trudy Konferentsii Komissii po Issledovaniyu Solntsa, 22-24 Novyabrya 1955 g, Moscow, 1957, pp 159-166.

Night-Sky Luminosity and Solar Activity, by S. F. Rodionov.

A "Saturnian Ring" Around the Earth, by V. Cherenkov, 11 pp.
RUSSIAN, per, N® 2, 1960.

(1) Ejection of Calcium Ions From the Sun's Surface, by E. R. Mustel; (2) Resistance to Movement of Atoms in Still Atmospheres as Applied to the Stars of Volf-Raye and to the Sun, by S. B. Pikelner, 83 pp.
RUSSIAN, per, Iz Krymskoy Astrofiz Observ, Vol III, 1948, pp 3-30; 51-63.


Scientific Astronomy (Contd)

Road to the Stars, by N. A. Varvarov, 8 pp.
RUSSIAN, per, Nauka i Zhizn', No 12, 1958, pp 61-64.

RUSSIAN, per, Uchenye Zapiski L'vovskogo Gosudarstvennogo, Ser Fiz-Matemat, Vol XV, No 4, 1949, pp 45-77.

Comet Tails and Solar Corpuscular Radiation, by L. Biermann.

Artificial Satellites of Mars?, by V. I. Cherednichenko, 3 pp.
UKRAINIAN, per, Nauka i Zhyttyp, No 11, Kiev, 1959, p 8.
The Role of Environment in Plant Development. (Report of Meeting Held on Nov 16, 1951, on Some Aspects of Biological Research in the Soviet Union), by A. Morton. RUSSIAN, rpt.


The Effect of Adenine and Nicotinic Acid on the Growth and Productivity of Cotton, by Yu. V. Rakitin, K. E. Ovcharov. RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXI, 1948, pp 993, 934.

On Some Tasks of Biological Physics, by G. P. Frank. RUSSIAN, per, Iz Ak Nauk, Ser Biol, No 2, 1950, pp 177-196.


Scientific Biology (Contd)

RUSSIAN, per, Laboratornoye Delo, No 1, 1960, pp 40-43.

Problems of Biology in Cosmic Flight, by V. B. Malkin, 19 pp.
RUSSIAN, per, Priroda, No 10, 1959, pp 35-44.

Restoration of Viability of Irradiated Yeast Cells, by V. I. Korogodin, T. S. Malyutina, 6 pp.
RUSSIAN, per, Priroda, No 10, 1959, pp 82-85.

The Effect of Chlorides and Sulphates on the Growth and Development of Tobacco Seedlings, by N. N. Oseledets.

Study of the Functioning of the Ejection Mechanism in the Living Mammary Gland of a White Mouse, by E. S. Levitskaya.

Effect of the Nervous System on Secretion and Ejection of Milk in the White Mouse, by I. N. Zotikova.

RUSSIAN, per, Udobrenie i Urozhay, No 10, 1959, pp 63, 64.

RUSSIAN, per, Vest Ak Nauk SSSR, No 7, 1959, pp 34-38.

Conference on the Control of the Colorado Beetle, by V. V. Abramenko, 3 pp.
RUSSIAN, per, Zashchita Rasteniy ot Vrediteley i Boleznei, No 6, 1959, p 58.

JPRS 2558

JPRS 2531

JPRS 2515

DSIR LLU RTS 1496

DSIR LLU RTS 1247

DSIR LLU RTS 1248

JPRS 2415

LLU Tr Bul Mar 1960

JPRS 2438
Scientific Biology (Contd)

RUSSIAN, per, Zhizn' Presnukh Vod SSSR, Vol IV, No 1, 1956, pp 149-151.

Zoological Research Conducted During the 29th Trip of the Expeditionary Ship Vityaz, by A. Z. Filatova, K. V. Beklemisheva, 9 pp.

Marine Biology in China During the Past Decade, by Tseng Ch'eng-k'uei, (NY-3928).
CHINESE, per, K'o-hsueh T'ung-pao, No 20, 26 Oct 1959, pp 674-677.

Some Thoughts on the Importance of a Dense Sward for the Exploitation of Grassland, by A. Sonneveld.

Preliminary Investigation to Determine the Influence of Management and Edaphic Factors in the Occurrence of Various Types of Lelium Perenne L. on Old Permanent Grasslands, by J. Bergh.
DUTCH, bk, Instituut voor Biologisch en Scheikundig Onderzoek van Landbouwgewassen, 1958, pp 115-123.

Bacterial Haemoglobinuria of Cattle, by V. Babes.
FRENCH, per, Comptes Rendus, Vol CVII, 1888, pp 692-694.

Radiation-Induced Mutations and Plant Breeding, by F. Scholz.
GERMAN, per, Atompraxis, No 12, 1959, pp 475-487.
Scientific
Biology (Contd)

Paper Chromatography in the Study of Bacterial Taxonomy, by V. Bottazzi.

Ecological and Pastoral Aspects of the Patagonian Flora With Reference to Its Condition and Recuperative Capacity, by A. Soriano.

Mendelian Behaviour of the "Knock-Down Resistance" to DDT and Correlations Between "Knocking-Down" and Mortality in Musca Domestica L.
Scientific Chemistry


Pu\textsuperscript{240} Fission Cross-Section by Neutrons With the Energy From 0.1 to 4.0 MEV, by V. G. Nesterov, G. N. Smirenkin, 10 pp.
RUSSIAN, rpt, 1959. AEC Tr 3945

On the Question of Electrical Polarizability of Neutrons, by Yu. A. Aleksandrov.
RUSSIAN, rpt, Nov 1959. AEC Tr 3967

Kinetics of Chemical Gas Reactions, by V. N. Kondrat'yev.


RUSSIAN, bk, Rost Kristallov, Vol II, 1959, pp 5-16. QD 921.56 1958F.

Scientific Chemistry (Contd)


RUSSIAN, bk, Rost Kristallov, Vol II, 1959, pp 40-43. QD 921.56 1956F.


The Growth Forms of Thiazine Dye Crystals, by N. M. Melankholin, 9 pp.
RUSSIAN, bk, Rost Kristallov, Vol II, 1959, pp 49-60. QD 921.56 1956F.

The Green and Brown Colors of Synthetic Quartz Crystals, by L. I. Tsinober, L. G. Chentsova, A. A. Shternberg, 5 pp.

The Crystallization of KI in Contact With Biotite and Muscovite, by I. E. Kamentsev, 2 pp.
RUSSIAN, bk, Rost Kristallov, Vol II, 1959, pp 68-69. QD 921.56 1956F.

Determination of Surface Energies of Crystals From Equilibrium States, by A. V. Belyustin, 5 pp.
RUSSIAN, bk, Rost Kristallov, Vol II, 1959, pp 70-72. QD 921.56 1956F.

Growing Calcite and Other Carbonates, by Jan Kaspar, 4 pp.
RUSSIAN, bk, Rost Kristallov, Vol II, 1959, pp 73-77. QD 921.56 1956F.

RUSSIAN, bk, Rost Kristallov, Vol II, 1959, pp 78-83. QD 921.56 1956F.
Scientific Chemistry (Contd)

The Orientations of Monocrystals of Certain Ferrites, by A. A. Popova, 3 pp.
RUSSIAN, bk, Rost Kristallov, Vol II, 1959, pp. 84-87. QD 921.56 1956F.

Crystallization of Ferrites From Liquid and Vapor Phases, by V. A. Timofeeva, A. V. Zalesskii, 6 pp.
RUSSIAN, bk, Rost Kristallov, Vol II, 1959, pp. 88-94. QD 921.56 1956F.

The Growth of Barium Titanate Crystals From a Barium Chloride Melt, by V. A. Timofeeva, 4 pp.
RUSSIAN, bk, Rost Kristallov, Vol II, 1959, pp. 95-101. QD 921.56 1956F.

RUSSIAN, bk, Rost Kristallov, Vol II, 1959, pp. 102-104. QD 921.56 1955F.

A New Type of Pistonless Compressor for Producing Very High Gas Pressures, by S. S. Boksha, 3 pp.

The Growth and Morphologic Symmetry of Benzo-phenone Crystals, by A. A. Chumakov, 4 pp.

Synthesis of Especially Pure Calcium and Barium Fluorides for Growing Optical Monocrystals, by I. A. Sinyukova, I. V. Stepanov, 3 pp.
RUSSIAN, bk, Rost Kristallov, Vol II, 1959, pp. 115-119. QD 921.56 1955F.

RUSSIAN, bk, Rost Kristallov, Vol II, 1959, pp. 120-125. QD 921.56 1955F.
Scientific Chemistry (Contd)

Guanidine Aluminum Sulfate Hexahydrate
Synthesis, Properties, and Monocrystal Growth,
(Preliminary Communication), by I. S. Rez,
L. A. Varfolomeyeva, 4 pp.
RUSSIAN, bk, Rost Kristallov, Vol II, 1959,
pp 126-131. QD 921.56 1956F.

The Crystallization of Germanium on Silicon
and of Silicon on Germanium, by N. P. Kokorish,
6 pp.
RUSSIAN, bk, Rost Kristallov, Vol II, 1959,
pp 132-139. QD 921.56 1956F.

The Growth and Uses of Gem-Grade Corundum
Crystals, by S. K. Popov, 52 pp.
RUSSIAN, bk, Rost Kristallov, Vol II, 1959,
pp 140-210. QD 921.56 1956F.

Dislocations in Germanium Monocrystals (Re-
RUSSIAN, bk, Rost Kristallov, Vol II, 1959,
pp 211-222. QD 921.56 1956F.

The Main Trends in the Study of Inorganic
Crystals Containing Organic Impurities (Re-
view), by E. N. Slavnova, 9 pp.
RUSSIAN, bk, Rost Kristallov, Vol II, 1956,
pp 223-232. QD 921.56 1956F.

The Theory of the Crystallization of Steel,
by P. S. Vadilo, 4 pp.
RUSSIAN, bk, Rost Kristallov, Vol II, 1959,
pp 233-. QD 921.56 1956F.

Fluorimetric Method of Determining Uranium,
by T. S. Dobrolyuskaya, 9 pp.
RUSSIAN, bk, Trudy Komissii po Anal Khim Ak
Nauk SSSR, Vol VIII (XI), Moscow, 1956, pp
176-182.

Transactions of the Radium Institute V. G.
Khlopin.
RUSSIAN, bk, Trudy Radievogo Instituta im
V. G. Khlopinga Tom VIII, Khimiya i Geokhimiya,
Moscow, Leningrad, 1956, 276 pp. *AEC
Scientific Chemistry (Contd)

Principles for Determining the Dates for Irrigation of Cotton From the Amount of Absorptive Power of the Leaves, by V. Shurdekov.
RUSSIAN, bk, Voprosy Fiz Kholopochantnika i Trav, 1957, pp 5-32.

The Mechanism of Photochemical Oxidation of Gaseous Hydrocarbons, by N. V. Fok, A. B. Nalbandian.

Modern Achievements in the Field of Marine Paints, by E. S. Gurevich, et al.

Towards the Question of the Combination of Paints and Protective Devices, by N. P. Myagkov, L. K. Lepin.

Water-Resistant Noncombustible Oil-Free Anticorrosion Paints Based on Perchlorvinyl Lacquers and Emamels, by E. I. Grishin.


Protective Paint and Bitumen Coatings in Marine Conditions, by R. G. Gadzhiev.
Scientific Chemistry (Contd)

Application of Synthetic Rubbers in Anticorrosion Technology, by A. L. Labutin.

Practical Applications of Polyisobutylene for the Protection From Corrosion of Apparatus and Structures, by D. A. Gofen.

RUSSIAN, per, Atomnaya Energiya, Vol VI, No 1, 1959, pp 70, 71.


The Decomposition of Nitrogen Chloride, by A. Ya. Apin.
RUSSIAN, per, Byull Vses Khim Obshch imeni D. I. Mendelejeva, No 3, 4, 1959, pp 40, 41.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LIX, No 6, 1948, pp 1125-1129.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXX, No 6, 1950, pp 1033-1035.
Scientific Chemistry (Contd)

Distribution of Platinum in a Platinized Carbon Catalyst, by A. M. Rubinshtein, et al.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXI, No 6, 1958, pp 1073-1075.  ATS RJ-1109

The Problem of the Asymmetric Synthesis of Spirans and Tetrahydrofuran Alcohols, by A. A. Ponomarev, V. V. Zelenkova.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXXVII, No 3, 1952, pp 423-426.  ATS RJ-1244

Synthesis and Properties of Disilylmethane, 1,2-Disilylethane, 1,3-Disilylpropane and 1,3,5-Trisilene-2,4,6-Trimethylenecycloalkane, by A. D. Petrov, V. A. Ponomarenko.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol XC, 1953, pp 387-390.  DSIR LLI M-1374

Stepwise Hydrogenation of Furfurylidine Ketones. New Homologs of 1,6-Dioxaspiro(4,4) Nonane, by A. A. Ponomarev, et al.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCIII, No 2, 1953, pp 297-300.  ATS RJ-1245

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCIII, No 5, 1953, pp 847-850.  JPRS 3158

RUSSIAN, per, Dok Ak Nauk SSSR, Vol C, No 5, 1955, pp 939-942.  JPRS 2501

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CVIII, No 2, 1956, pp 294-297.  JPRS 3190

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CVIII, No 6, 1956, pp 1093-1095.  ATS RJ-1190
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXI, No 2, 1956, pp 384-397.


Reciprocal Influence of Rare-Earth Elements When Extracted by Tributyl-Phosphate, by A. V. Nikolayev, A. A. Sorokin.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 2, 1959, pp 341-344.

Partial Oxidation of Methane-Propane Mixtures, by S. F. Gudkov, V. P. Fedulova.

The Geochemistry and Mineralogy of Nepheline-Syenite Intrusions, by V. I. Gerasimovskiy.
RUSSIAN, per, Geokhim, No 5, 1956, pp 61-74.


Continuously Operating Apparatus for Black Acid, by Yu. N. Shul'gin, et al.
RUSSIAN, per, Gidroliz i Lesokhim Prom, Vol X, No 1, 1957, pp 27, 28.

The Conductivity of the p-n Junction of Selenium Rectifiers for Strong Fields and Various Temperatures, by M. Aliev, et al.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 5, 1951, pp 634-652.
Use of Ion-Exchange Chromatography to Separate Trans-Uranium and Rare-Earth Elements, by B. K. Preobrazhenskiy.
RUSSIAN, per, Khim Nauk Prom, No 4, 1959, pp 521-526.

RUSSIAN, per, Khim Prom, No 19-21, 1947, pp 51-53.

RUSSIAN, per, Khim Prom, No 2, 1957, pp 31-38.

The Production of Gas for the Manufacture of Synthetic Ammonia, by A. G. Lobachev.

A Jet Column for Diffusion Processes, by V. V. Kafarov, et al.
RUSSIAN, per, Khim Prom, No 4, 1959, pp 62-64.

The Speeds of Irregular Particles in Fluidized Bed, by J. Beranek, et al.
RUSSIAN, per, Khim Prom, No 5, 1959, pp 430-435.

The System Hydrofluoric Acid-Tungstic Oxide-Water, by N. S. Nikolayev.


The Problem of Selecting a Scheme for Continuous Distillation of Synthetic Fatty Acids, by A. I. Levin.
ATS RJ-1290

The Semicoke Tar Bases -- An Effective Corrosion Inhibitor for Steel in Acid Solutions, by K. S. Kuryandin, et al.
RUSSIAN, per, Khim i Tekh Topliva i Masel, No 3, 1957, pp 57-62.
ATS RJ-1176

Reasons for the Foaming of Petroleum Stock During Thermal Decomposition, by F. G. Igonin.
RUSSIAN, per, Khim i Tekh Topliva i Masel, No 6, 1957, pp 66-69.
ATS RJ-1105

ATS RJ-1186

ATS RJ-1291

ID.212006
ACSI H-4012
A-B-C

Substitutes for Ethyl Silicate, by A. A. Kotovshchikov.
RUSSIAN, per, Lit Proiz, No 9, 1958, p 32.
DSTR LLU RTS 1472

The Formation of d-Mannonic Acid in the Oxidation of Fructose by Certain Strains of Bacterium Fluorescens L. et N., by V. V. Pervozvanskiy.
RUSSIAN, per, Mikrobiol, Vol VIII, No 8, 1939, pp 915-929.
ATS RJ-1252
Scientific Chemistry (Contd)

Oxygen Content of Steel Heats in Recirculating Furnace, by E. A. Kazachkov.
RUSSIAN, per, Nauch Dok Vysshey Shkoly, No 2, 1959, pp 20-26.

RUSSIAN, per, Nauch Dok Vysshey Shkoly, Khim i Khim Tekh, No 2, 1958, pp 385-387.

Features of the Structure and Properties of Foam Ceramics Made From the Pure Oxides of \( \text{Al}_2\text{O}_3 \) and \( \text{BeO} \), by I. Ya. Guzman.
RUSSIAN, per, Nauch Dok Vysshey Shkoly, Khim i Khim Tekh, No 1, 1959, pp 181-185.

RUSSIAN, per, Nauch Dok Vysshey Shkoly, Khim i Khim Tekh, No 2, 1959, pp 244-246.

Ultraviolet Absorption Spectrum of Molecules of Aromatic Amines, Adsorbed on Aluminosilica Gel, Bentonite and Silica Gel, by E. I. Kotov.

RUSSIAN, per, Priroda, No 1, 1955, pp 84, 85.


The Problem of the Distribution of Uranyl Nitrate Between Aqueous Solutions and A Number of Simple and Complex Esters, by V. M. Vdovenko, Ye. A. Smirnova, (NY-3994).
RUSSIAN, per, Radiokhim, Vol I, No 1, 1959, pp 43-51.

*JPRS
Scientific Chemistry (Contd)


Complexing of Pu and Am (III) in Aqueous Solutions Studied by Solubility and Ion-Exchange Methods, by A. I. Moskvin. RUSSIAN, per, Radiokhim, Vol I, No 4, 1959, pp 430-434.


Relation of Partition Coefficient to Concentration in Solvent Extraction, by A. K. Lavrukhina, Piei-Tsi Chou. RUSSIAN, per, Radiokhim, No 5, 1959, pp 530-537.

Scientific Chemistry (Contd)


Increase in Crystal Growth Rate by Application of Audio Frequency Oscillations, by B. V. Vitovskiy. RUSSIAN, per, Trudy Inst Krist Ak Nauk SSSR, No 11, 1955, pp 221, 222.


### Scientific Chemistry (Contd)

**Changes in the Activity and Selectivity of Silica-Alumina Catalysts**, by V. V. Shchekin, et al.

**Chemistry of Peat-Forming Materials: (1) Conditions of Hydrolysis and Yield of Humic Acids**, by V. A. Baturo, V. E. Rakovskyi.


**Methods of Separation of Phenols, Bases and Hydrocarbons**, by L. B. El'kind, V. E. Rakovskyi.

**Several Possibilities of Using Polarized Thermal Neutrons Connected With Nonconservation of Parity During $\beta^+$-Decay**, by F. L. Shapiro.
RUSSIAN, per, Uspekh Fiz Nauk, Vol IX, 1958, pp 133-140.

**New Methods of Polymerization of Ethylene and Other Olefins**, by A. V. Topchev, B. E. Krentsel.
RUSSIAN, per, Uspekhi Khim, Vol XXV, No 8, 1956, pp 921-932.

**Complex Compounds of Rare Earth Elements**, by E. A. Terent'eva.

**Addition of Nitroalkanes to Compounds Containing an Activated Double Bond**, by S. S. Novikov, et al.
RUSSIAN, per, Uspekhi Khim, Vol XXVI, No 10, 1957, pp 1109-1124.
Scientific Chemistry (Contd)


Analysis of a Mixture of Vanadium Oxides, by P. P. Makhovka. RUSSIAN, per, Zavod Lab, Vol XXII, No 5, 1957, pp 533-535. DSIR LIU RFS 1448

A Special Method of Assaying the Impurities in High-Purity Graphite, by A. A. Demiropol (Demiolov). RUSSIAN, per, Zavod Lab, No 8, 1959, pp 956, 957. *AEC

The Development of Analytical Chemistry in the Chinese Peoples Republic, by Eng Jeng-Ying. RUSSIAN, per, Zavod Lab, Vol XXV, No 9, 1959, pp 1023-1027. *JPRS

Semi-Micromethod for the Isotopic Analysis of Compounds Having a Deuterium Content Close to 100%, by A. I. Shatenshteyn, Yu. I. Antonchik, 5 pp. RUSSIAN, per, Zhur Anal Khim, Vol XIV, No 1, 1959, pp 100-103. JPRS 3196


Scientific Chemistry (Contd)

The Production of $^5$N Concentrates in a Cascade Apparatus by the Chemical Exchange Method, by B. V. Ottesen, M. E. Aerov, 18 pp.


The Temperature Relationship of the Coefficient of Nitrogen Isotope Separation During the Chemical Exchange Between Ammonia and a Solution of Ammonium Nitrate, by V. Yu. Orlov, N. N. Tunitsky, 8 pp.


Natl Res Council, Canada, TT No 779
Measuring the Melting Points of Aluminum and Copper at Pressures Up to 18,000 Kilograms per Centimeter, by M. G. Gorikberg, G. P. Shakhovskoy, V. P. Butuzov, 7 pp.


Studies of the Thermodynamic Properties of Substances With the Aid of the Method of Explosion in a Spherical Bomb, by V. A. Medvedev, (NY-3919).


Studies of the Thermodynamic Properties of Compounds by the Method of Explosion in a Spherical Bomb, by V. A. Medvedev, et al.
RUSSIAN, per, Zhur Fiz Khim, Vol XXXIII, No 1, 1959, pp 58-64.

Basic Problems in the Contemporary Theory of Solutions, by V. V. Semenchenko.


On the Distribution of Nitric Acid and Uranyl Nitrate Between an Aqueous Solution and Di-butyl Ether, by V. M. Vdovenko, A. A. Lipovskyi, M. G. Kuzina, 8 pp.


The Solubility Isotherm in the System Na₂CO₃-NaHCO₃-Na₂SO₄-H₂O at 100°C, by A. F. Boryachek, et al.


RUSSIAN, per, Zhur Neorgan Khim, Vol III, No 6, 1958, pp 1403-1409.
Scientific Chemistry (Contd)

The Complex Form of Tetravalent Cerium With Acetate and Oxalate-Ions, by D. S. Ryabchikov, N. S. Vagina.

The Behavior of Sinter-Plate Nickel Oxide Electrodes in a Zinicate Solution, by V. N. Flerov.
RUSSIAN, per, Zhur Frik Khim, Vol XXXII, No 6, 1959, pp 1306-1312.

High Temperature Ceramic Heaters, by E. K. Keler, et al.


Addition of the Elements of Water to Cyanogen, by N. Beketov.


China's Achievements in Chemistry During the Past Decade, by Wu Hsueh-chou, (NY-3928).
CHINESE, per, K'o-hsueh T'ung-pao, No 18, 26 Sep 1959, pp 572-576.

New China's Progress in the Chemistry and Chemical Engineering of High Polymers, by Ch'ien Pao-kung, (NY-3925).
CHINESE, per, K'o-hsueh T'ung-pao, No 20, 26 Oct 1959, pp 666-673.

The Production of Fluorides I. Hydrofluoric Acid, (NY-3988).
CHINESE, per, Wu-han Ta-hsueh Tzu-juan K'o-hsueh Heueh-pao, No 5, 1959, pp 118-121.
Scientific Chemistry (Contd)

The Production of Fluorides II. Potassium Hydrofluoride, (NY-3988).
CHINESE, per, Wu-han Ta-hsueh Tzu-jaan K'o-hsueh Haueh-pao, No 5, 1959, pp 122-125.

Paper Chromatography of Acid Triphenylmethane Dyes, by J. Dobns.

The Examination of Materials by Means of Derivation Thermogravimetry, by L. Erdey, 13 pp.

Nitrite Titration in Organic Analysis, by Miroslav Matrka.
CZECH, per, Chemie, Vol X, 1958, pp 635-646.

Colorimetric Determination of Arsenic in Coal and Tar, by Z. Flum.

FRENCH, rpt, 1959.

Problems of Decontamination, by J. Pomarola.
FRENCH, rpt.


Research on Partial Oxidation of Acyclic Polyols by Periodic Acid, by J. E. Courtois, M. Guernet.


- 110 -
Scientific Chemistry (Contd)


Rate of Dissolution of Nickel in Nitric Acid, by T. G. Owe Berg. FRENCH, per, Journal de Chimie Physique, Vol LIII, 1956, p 154.


Scientific Chemistry (Contd)

The Coulometric Determination of Oxygen in Steel by the Molten-Extraction Technique in a Stream of Argon, by Karl Albrecht, Helmut Lemm.


A Simpler Chlorine Vacuum Separation Technique, by W. Koch, O. Geutsch.

GERMAN, per, Arch fuer das Eisenhuettenwesen, Dec 1959, pp 723-730.

A New Oxidizing Agent for the Quantitative Conversion of Carbon Monoxide to Carbon Dioxide, A Contribution to the Chemistry of Iodine Pentoxide, by Max Schutze.

GERMAN, per, Ber Deut Chem Ges, Vol LXXVII, 1944, p 484.

Amino Sugars, by A. Klemer.


Orientation States in High Polymers, by W. Kast, 26 pp.


GERMAN, per, Kunststoffe, No 1, 1959, pp 23, 24.

On the Properties and Structure of Phosphate Coatings, by V. Cupr.


GERMAN, per, Mikrochim Acta, No 4/6, 1956, pp 869-876.


- 112 -
Foam Carbonate, by W. Slatanoff, N. Djabaroff.  
GERMAN, per, Silikat Technik, Vol IX, No 4, 1958, pp 162-164.  

A New Rapid Method for the Analysis of Bituminous Mixtures, by F. Schultz.  


Structure of the Hexafluorometallates (III), by Hans Bode, Ernest Voss.  
GERMAN, per, Z fuer Anorgan und Allgemeine Chemie, CCXC, 1957, pp 1-16.  


Apparatus for the Separation of Gases, Vapors, Gaseous Vapors or Gaseous and Vaporous Mixtures, Especially Isotopes, by Rolf Manteufel.  

HUNGARIAN, per, Magyar Kemiai Polyoirat, Vol IX, 1959, pp 245-249.  

Spontaneous Emulsion Formation, by J. Vandor.  
HUNGARIAN, per, Magyar Kemiai Lapja, No 4, 1946, pp 592-596.  

ITALIAN, rpt, April 1959.  

- 113 -
Scientific Chemistry (Contd)


Scientific Chemistry (Contd)


The Liquid Entrainment and Its Removal of Large Scale Evaporation Unit, by N. Mitsuishi, S. Sakata, Y. Matsuda, Y. Yamamoto.

Separation of Isotopes in an Ultracentrifuge, by Anatol Selecki, (DC-3787).
POLISH, per, Nukleonika, Vol IV, No 1, 1959, pp 13-32. *JPRS

Purification and Hydrogenation of Naphthalene to Tetralin, by E. Trzeszczanowicz, St. Ciborowski.
POLISH, per, Przemysl Chem, Vol VI, No 2, 3, 1950, pp 133, 134. ATS PJ-1295

Statistical Data About the Behavior of Fuel Provided for the Use of the EL3 Reactor, by J. A. Stohr.
SWEDISH, rpt, Oct 1959. AEC NAA-SR-Memo-4596

UKRAINIAN, per, Ukrain Khim Zhur, Vol XXII, No 1, 1956, pp 11-18. JPRS 2496

UKRAINIAN, per, Ukrain Khim Zhur, Vol XXIII, No 2, 1957, pp 191-199. ATS RJ-1112
Scientific Electricity


Magnetic Noise in Universal Commutator Micromotors, by N. V. Astakhov.
RUSSIAN, per, Elektrichestvo, No 1, 1959, pp 41-45.

Recommendations for Protection Against Ionizing Radiations in Industrial Operations Connected With the Generation of Electric Power From Nuclear Energy, 16 pp.
ITALIAN, per, Energia Elettrica, Vol XXXVI, 1959, pp 243-249.

Proposal for a Method of Reporting on Safety, 9 pp.
ITALIAN, per, Energia Elettrica, Vol XXXVI, 1959, pp 367, 368.
Scientific
Electronics

Radiolytic Reduction of Americium(VI) and Americium(V), by A. A. Zaitsev, V. N. Kosyakov, A. G. Rykov, Yu. P. Sobolev, G. N. Yakolev.
RUSSIAN, rpt.


The Rhombic Antenna, by A. M. Model', 35 pp.

Uprating 35-220 KV Electric Systems, by A. N. Sherentsis.
RUSSIAN, per, Elek Stants, Vol XXIX, No 10, 1958, pp 58-64.

VTI Furnaces With High Slag Recovery, by Yu. L. Marshak, V. P. Romadin.

Testing of the Inter-Turn Insulation of High-Voltage Electrical Machines, by V. S. Zhdanov.
RUSSIAN, per, Elek Stants, No 5, 1959, pp 52, 53.

Calculation of Three-Phase Circuits With an Arbitrary Number of Asymmetrical Short Circuits and Phase Interruptions, by N. M. Gorbatov.
RUSSIAN, per, Elektrichestvo, No 7, 1958, pp 35-41.

A Circuit for Obtaining Voltage (Surge) Waves of Special Form, by A. A. Akopyan.
RUSSIAN, per, Elektrichestvo, No 6, 1959, pp 76, 77.
Influence of Methods of Reactive-Power Compensation on Static Stability of the Load, by S. A. Motygina. 
RUSSIAN, per, Elektrichestvo, No 11, 1959, pp 27-31. *AEC

RUSSIAN, per, Elektrichestvo, No 11, 1959, pp 76, 77. *AEC

Utilization Factor of Transformer Load Curves, by L. M. Shnitser. 
RUSSIAN, per, Elektrichestvo, No 11, 1959, pp 88-90. *AEC

Some Features of the Transient Motion of a Motor Driven Shaft Turning at Speeds Near the Critical Speed, by L. A. Rastiain. 
RUSSIAN, per, Iz Ak Nauk SSSR, No 5, 1959, pp 84-89. *AEC

Analytic Investigation of the Processes in a Ferrite Core, by Ye. I. Klepfer, G. M. Tikhomirov, (NY-3938). 
RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Elektromekh, No 12, 1959, pp 12-17. *JPRS

Radiotelescope for 10 cm. Wave Length With a Rooking Beam (Directivity Pattern), by I. Moiseyev. 
RUSSIAN, per, Iz Vysshikh Ucheb Zaved Radiofiz, Vol I, No 3, 1958, pp 159-161. CISO 4560

RUSSIAN, per, Priborostroyeniye, No 3, 1957, pp 9-12. USASIA: SC-38/59(b)

RUSSIAN, per, Priborostroyeniye, No 3, 1957, pp 25, 26. USASIA: SC-38/59(c)
Remote Control Magnetic Field Strength Meter, by L. N. Gertsiger, 5 pp.
RUSSIAN, per, Pribory i Tekh Eksper, No 2, Moscow, 1959, pp 33-35.

RUSSIAN, per, Pribory i Tekh Eksper, No 2, Moscow, 1959, pp 36-38.

RUSSIAN, per, Pribory i Tekh Eksper, No 2, Moscow, 1959, pp 39-40.

Fluoremetric Measurements at Low Frequency Modulation of Luminous Flux, by A. M. Bonch-Bruyevich, V. P. Kovalev, 6 pp.
RUSSIAN, per, Pribory i Tekh Eksper, No 2, Moscow, 1959, pp 49-52.

RUSSIAN, per, Pribory i Tekh Eksper, No 2, Moscow, 1959, pp 57, 58.

RUSSIAN, per, Pribory i Tekh Eksper, No 2, Moscow, 1959, pp 59-61.

RUSSIAN, per, Pribory i Tekh Eksper, No 2, Moscow, 1959, pp 62-64.

Transistorized DC Millivoltmeter, by K. V. Karandeyev, M. G. Misyuk, N. I. Smirnov, 8 pp.
RUSSIAN, per, Pribory i Tekh Eksper, No 2, Moscow, 1959, pp 65-67.
Scientific Electronics (Contd)

Phase Method of Measuring Lifetime and Rate of Surface Recombination of Unbalanced Charge Carriers in Semiconductors, by B. D. Kopylovskiy, 7 pp.
RUSSIAN, per, Pribory i Tekh Eksper, No 2, Moscow, 1959, pp 75-78.

RUSSIAN, per, Pribory i Tekh Eksper, No 2, Moscow, 1959, pp 81, 82

RUSSIAN, per, Pribory i Tekh Eksper, No 2, Moscow, 1959, pp 83-85.

Apparatus for Automating Measurements of Multiple Scattering of Particles, by G. Ye. Belovitskiy, L. N. Korablev, L. V. Sukhov, I. V. Shtraunikh, 10 pp.
RUSSIAN, per, Pribory i Tekh Eksper, No 2, Moscow, 1959, pp 86-90.

RUSSIAN, per, Pribory i Tekh Eksper, No 2, Moscow, 1959, pp 91-94.

RUSSIAN, per, Pribory i Tekh Eksper, No 2, Moscow, 1959, pp 95-102.

RUSSIAN, per, Pribory i Tekh Eksper, No 2, Moscow, 1959, pp 103-107.

RUSSIAN, per, Pribory i Tekh Eksper, No 2, Moscow, 1959, pp 108-110.
Scientific
Electronics (Contd)

Smaller Pulse Selector, by A. I. Belyayevskiy, 4 pp.
RUSSIAN, per, Pribory i Tekh Eksper, No 2,
Moscow, 1959, pp 111, 112. USASIA SC-59cc/59

Registration of Counting Losses in Scaling
RUSSIAN, per, Pribory i Tekh Eksper, No 2,
Moscow, 1959, pp 113, 114. USASIA SC-59dd/59

On One Type of Voltage Increasing Circuit,
by I. A. Mishustin, 3 pp.
RUSSIAN, per, Pribory i Tekh Eksper, No 2,
Moscow, 1959, pp 115, 116. USASIA SC-59ee/59

Circuit For Proportional Gating of Pulses,
by V. O. Vyazemskiy, A. N. Pisarevskiy,
RUSSIAN, per, Pribory i Tekh Eksper, No 2,
Moscow, 1959, p 117. USASIA SC-59ff/59

Measurement of Impedances of Two-Terminal
Pair Networks and Two-Terminal Networks by
Connecting Two Resistances, by G. F. Semenov,
A. S. Bondarev, 4 pp.
RUSSIAN, per, Pribory i Tekh Eksper, No 2,
Moscow, 1959, pp 118, 119. USASIA SC-59gg/59

Method for Measuring Small Nonlinearities
of Networks, by V. A. Dviniskkh, 2 pp.
RUSSIAN, per, Pribory i Tekh Eksper, No 2,
Moscow, 1959, p 120. USASIA SC-59hh/59

Stroboscopic Tachometer, by I. Sh. Libin,
6 pp.
RUSSIAN, per, Pribory i Tekh Eksper, No 2,
Moscow, 1959, pp 121-123. USASIA SC-59ii/59

Pulse Source of Frequently Repeating Light
Flashes, by G. D. Salamandra, I. M. Naboko,
RUSSIAN, per, Pribory i Tekh Eksper, No 2,
Moscow, 1959, pp 124-127. USASIA SC-59jj/59

Instrument for Measuring Small Mechanical
Displacements, by A. P. Kornilov, V. S.
Khryukin, 8 pp.
RUSSIAN, per, Pribory i Tekh Eksper, No 2,
Moscow, 1959, pp 128-131. USASIA SC-59kk/59
An Inverter Based on the Utilization of the Hall Effect, by V. N. Bogomolov, N. S. Niko-
layenko, V. P. Fedotov, 4 pp.
RUSSIAN, per, Pribory i Tekh Eksper, No 2,
Moscow, 1959, pp 134, 135.

High-Voltage Rectifier With a Regulating
Output Voltage, by A. N. Bukin, M. M.
Filippov, 6 pp.
RUSSIAN, per, Pribory i Tekh Eksper, No 2,
Moscow, 1959, pp 139-141.

Voltage Marker Generator, by S. M. Levitskiy,
A. N. Golovan', 3 pp.
RUSSIAN, per, Pribory i Tekh Eksper, No 2,
Moscow, 1959, p 142.

Wide-Band Amplifier For a Typical Oscillo-
graphy, by Yu. N. Prozorovskiy, 5 pp.
RUSSIAN, per, Pribory i Tekh Eksper, No 2,
Moscow, 1959, pp 113-145.

Electrical Noise Protecting Circuit, by V. G.
Brovchenko, V. M. Morozov, 4 pp.
RUSSIAN, per, Pribory i Tekh Eksper, No 2,
Moscow, 1959, pp 145, 146.

Controlled Oscillator of Sinusoidal Oscil-
lations, by Yu. N. Prozorovskiy, 4 pp.
RUSSIAN, per, Pribory i Tekh Eksper, No 2,
Moscow, 1959, p 117.

Stabilization of an Electromagnet Current,
by Yu. N. Denisov, G. M. Osetinskiy, 7 pp.
RUSSIAN, per, Pribory i Tekh Eksper, No 2,
1959, pp 148-150.

Increasing the Operating Stability of Scin-
tillation Counters, by A. M. Ivanchenko,
4 pp.
RUSSIAN, per, Pribory i Tekh Eksper, No 2,
Moscow, 1959, pp 150, 151.

Light Beam Resonance Modulator, by A. A.
RUSSIAN, per, Pribory i Tekh Eksper, No 2,
Moscow, 1959, pp 152, 153.


Yu-16 Luxmeter, 2 pp. Russian, per, *Pribory i Tekh Eksper*, No 2, Moscow, 1959, p 156.


MOM-4 Thermometer, 2 pp. Russian, per, *Pribory i Tekh Eksper*, No 2, Moscow, 1959, p 159.


Semicontactor Triode Multimeter, by I. Kepustin. 6 pp.
RUSSIAN, per, Radio, No 10, 1959, pp 55-57.

The Statistical Properties of Signals and Noise in Two Channel Phase Systems, by V. V. Tsvetnov.
RUSSIAN, per, Radiotekh, Vol XII, No 5, 1957, pp 12-29.

Using Magnetic Recording to Form a Composite Television Signal, by V. D. Kryzhanovsky, 3 pp.
RUSSIAN, per, Tekh Kino i Televideniya, No 12, 1959, pp 55, 56.

Thought Runs the Machine, by W. Breydo, V. Gurfinke1', 8 pp.
RUSSIAN, per, Tekhnika Moledezh1, No 4, 1958, pp 3, 4.

Investigation of Current Distribution in an Electrolyzer Model, by M. F. Dogramadzhi, 10 pp.

Establishment of a Standard Copy of the New Basic Light Standard for a Unit of Light Flux, by V. E. Kartashevskaia.
RUSSIAN, per, Trudy VNIIM, No 8(68), 1949, pp 45-58.

A TV Tower Will Be Erected Here, 3 pp.
RUSSIAN, np, Vechernyaya Moskva, 28 Nov 1959.

RUSSIAN, per, Vest Elektroprom, Vol XXX, No 4, 1959, pp 60-64.

Towards the Further Improvement of Telephone Communications in the Rural Regions of the USSR, 6 pp.
RUSSIAN, per, Vest Svyazi, No 10, 1959.

USASIA SC-36/60(d)
Natl Res Council, Canada, TT No 756
JPRS 3185
ATIC MCL-275/III
AEC Tr-3936
Natl Res Council, Canada, TT No 754
USASIA SC-76/60
DSIR LLU RTS 1420
USASIA Tr Log #1064
Let's Organize! Energetically Initiate the Technical Reform Movement! (Telecommunications), by Li Yin-ts'ang, (NY-4007).

CHINESE, per, Jen-min Tu-tien, No 2, 1959, pp 1-3.


CHINESE, per, Hwa-hsuen Hsin-wen, No 34, 28 Oct 1959, p 14.

Electron Microscope, 3 pp.

CHINESE, per, K'o-hsueh Hsin-wen, No 34, 28 Oct 1959, p 13.


CHINESE, per, Pei Ching, No 4, 1958.

Telephone Equipment Plant "Nikola Tesla" in Zagreb, 5 pp.

CROATIAN, per, Tesla, No 36/37, 1957, pp 22, 23.

Information Processing Machines.


Items of Interest From All Over, 5 pp.

CZECH, per, Sdelovaci Technika, No 6, 1959, p 234.

Disc Antennae, by J. Vokurka.

CZECH, per, Slaboproudy Obzor, Vol XIX, No 8, 1958, pp 511-515.


Coincidence Circuit With Short Time of Resolution and High Counting Rate, by J. C. Brisson, G. Valladas, R. Van Zurk.

Amplitude Selector With Low Resolution Time, by M. Flehrer, A. Pages.
FRENCH, per, Comptes Rendus du "Colloque International sur l'Electronique Nucleaire"

Pulse Generator From a Rosenblum Counter, by J. Fleury.
FRENCH, per, Comptes Rendus du "Colloque International sur l'Electronique Nucleaire"

Differential Coincidence Circuit, by R. Meunier.
FRENCH, per, Comptes Rendus du "Colloque International sur l'Electronique Nucleaire"

FRENCH, per, Comptes Rendus du "Colloque International sur l'Electronique Nucleaire"

Realization of the Control of the G-2 Reactor, by C. DiGiacomo.
FRENCH, per, Comptes Rendus du "Colloque International sur l'Electronique Nucleaire"

FRENCH, per, Comptes Rendus du "Colloque International sur l'Electronique Nucleaire"
FRENCH, per, Comptes Rendus du "Colloque International sur L'Electronique Nucleaire"

FRENCH, per, Comptes Rendus du "Colloque International sur L'Electronique Nucleaire"

FRENCH, per, Comptes Rendus du "Colloque International sur L'Electronique Nucleaire"

FRENCH, per, Comptes Rendus du "Colloque International sur L'Electronique Nucleaire"
Scientific Electronics (Contd)


A Transistorized Equalizer for Fast Coincidence Work With Scintillation Counters, by R. V. Gasstrom.

High Power Pulsed Klystrons With High Perveance, by P. Palluel, G. Kantorowiez.

Pre-Mobilization Decrees and Ministerial Orders Relating to Telecommunications, 48 pp.
FRENCH, per, Organization Generale de la Nation pour le Temps de Guerre, 1958.

FRENCH, per, Regie des Telegraphes et les Telephones, 7 Jun 1956.

GERMAN, per, 1957.

The Eigenfrequencies of Horns, by Th. Lange.

Scientific Electronics (Contd)

Instruments for Recording and Automatically Evaluating Field Strength Measurements, by H. J. Griese, E. Haberkant.

GERMAN, per, Elektronische Rundschau, No 12, 1958, pp 414-416.

An Improved Electrolytic Tank, by Joseph Himpen, 14 pp.
GERMAN, per, Elektrotech Z, Vol LXIII, 1942, pp 349-351.

Distance Reception Observations in the Three Meter Radio Band, by L. Klinker, 27 pp.
GERMAN, per, Hochfrequenz-Technik und Elektroakustik, No 3, Leipzig, Nov 1956, pp 77-86.

A Contactless Wide Band Switch For 20 CM Wavelength, by L. Mollwo, 14 pp.
GERMAN, per, Hochfrequenz-Technik und Elektroakustik, Vol LXV, No 6, 1957, pp 181-188.

GERMAN, per, Jenser Rundschau, No 1, 1959, pp 19-26.

The Development and Achievements of the Nationalized Firm Carl Zeiss, Jena, in the Ten Years of the German Democratic Republic, by Rudolph Jobst, 15 pp.
GERMAN, per, Monatsschrift fuer Feinmechanik und Optik mit Uhrentechnik, No 10, 1959, pp 297-299, 303-306.
Scientific Electronics (Contd)

Climatic Strain on Communication Equipment, by W. Nann, 7 pp.
GERMAN, per, Nachrichtentechnik, No 3, Leipzig, 1955, pp 137-139.

The Miniature Tubes of the People's Concerns, 2 pp.
GERMAN, per, Nachrichtentechnik, No 3, Leipzig, 1955, p 140.

Television Conference in Leningrad, by F. H. Lange, 3 pp.
GERMAN, per, Nachrichtentechnik, No 6, Berlin, 1955, p 267.

50-Year Anniversary of the Nauen Transmitter Station, by W. Hahn, 9 pp.
GERMAN, per, Nachrichtentechnik, No 9, 1956, pp 393-396.

Carrier Frequency Telephony Along High Voltage Lines, by M. Provaznik, 10 pp.

Methods For the Automatic Tuning of Broadcast Antennas, by O. Metze, 21 pp.

Drift Length and Transconductance of the Klystron Amplifier, by R. Kronert.
GERMAN, per, Nachrichtentechnik, Vol IX, No 2, 1959, pp 84-90.

A Traveling-Wave Tube for Directional Radio Service in the 1 WMC/S Range, by W. Heidborn, 16 pp.

GERMAN, per, Nachrichtentechnik, Vol IX, No 11, 1959, pp 517-523.

The Studio Facilities of the German TV Network, by Klamroth, 10 pp.

The Roitzsch Radio Relay Tower, by Herbert Reinecke, 4 pp.

The Lugstein Radio Relay Station, by Georg Dadischeck, 3 pp.

Visit to the Inselsberg Television Transmitter, by Streng, 7 pp.

Television Transmitter on Patscherkofel, 1 p.

Television Network in Portugal Completed, 2 pp.
Scientific
Electronics (Contd)

Information and Reports, 5 pp.
GERMAN, per, Radio und Fernsehen, No 19,
Berlin, Oct 1959, p 504.

The First Factory to Produce TV Sets in the
GDR, by Fritz Dobbel, 9 pp.
GERMAN, per, Radio und Fernsehen, No 19,

Maps and Pictures, 4 pp.
GERMAN, per, Radio und Fernsehen, No 19,

The Tenth Anniversary of the VEB Funkwerk
GERMAN, per, Radio und Fernsehen, No 19,

Funkwerk Erfurt -- From Telefunken to VEB,
by Rolf Gobel, 9 pp.
GERMAN, per, Radio und Fernsehen, No 19,

Development and Future Prospects of VEB
Stern-Radio Rochlitz, by Dieter Klamroth,
12 pp.
GERMAN, per, Radio und Fernsehen, No 19,

GERMAN, per, Radio und Fernsehen, No 19,

Information and Reports, 4 pp.
GERMAN, per, Radio und Fernsehen, Vol VIII,
No 20, Oct 1959, p 634.
Scientific Electronics (Contd)

USASIA SC-34c/60

Submillimeter Waves, by H. Reimann, 8 pp. 
USASIA SC-34d/60

TV Distance Reception in the Lithuanian SSR, 2 pp. 
GERMAN, per, Radio und Fernsehen, No 21, Nov 1959. 
USASIA SC-35d/60

Information and Reports, 2 pp. 
GERMAN, per, Radio und Fernsehen, No 21, Leipzig, Nov 1959, pp 666. 
USASIA SC-35a/60

Making Use of cm-Waves in Engineering, by Wolfgang Rohde, 14 pp. 
GERMAN, per, Radio und Fernsehen, No 21, Leipzig, Nov 1959, pp 669-673. 
USASIA SC-35b/60

GERMAN, per, Radio und Fernsehen, No 21, Leipzig, Nov 1959, p 686. 
USASIA SC-35c/60

Over-the-Horizon Directional Link Equipment for Mobile Use, by G. Muller, W. Nagel, G. Schops, 18 pp. 
USASIA SC-59/60

The Effect of Interacellular Hemin Ferments on the Radiation Inactivation of Bacteria, by T. Hauger, J. Jensen, E. Thofern. 
*AEC
Scientific Electronics (Contd)

GERMAN, per, Z fuer Naturforschung, Vol XIVa, No 9, 1959, pp 838-841.

HUNGARIAN, per, Radiotechnika, Jun 1958, pp 151-162.

HUNGARIAN, per, Technika, Vol II, No 2, 1959, p 5.

Remarks on the Use of Ultrasonics in the Nondestructive Control of Welding, by Angelo Brioni.
ITALIAN, per, Il Calore, No 2, 1959, pp 73-83.

Italian Telecommunication Items, 2 pp.
ITALIAN, per, Poste e Telecomunicazioni, No 1, 1956.

Transistor Pulse Height Discriminator, by L. Stanchi.
ITALIAN, per, Strumentazione e Automazione (6), 1959, pp 273-278.

On the Ignition Phenomena of Discharge Tubes With an Igniter, by Yasushichi Gosho.

Firing Time of the Anode of an Ignitron, by N. Yamada, Y. Ikeda, Y. Yida.

Decentralization in the PPTiT, by T. Augustyn, 12 pp.
POLISH, per, Gospodarka Lacznosci, No 6, 1958.

School of Communications, What It Is, How It Is, What It Did and What It Is Doing?, 10 pp.
SPANISH, per.

- 134 -
Scientific
Engineering

Design of the Continuous Casting Plant at
Novo Tula.
RUSSIAN, rpt, Continuous Casting of Steel.
Proceedings of the First All-Union Confer-
ence 17-19 Oct 1955, Moscow, 1956, pp 62-
66.

Synthesis of Non-Linear Control Systems, by
B. N. Naumov.
RUSSIAN, bk, Theory of Non-Linear Control
Systems, Chap IV, Moscow, 1957, pp 105-132.

Boats of Plastic, by B. A. Arkhangel'skiy,
I. M. Al'ashita, (DC-3819).
RUSSIAN, bk, Suda iz Plastmass, 1959, pp 1-
66.

Technology of the Heat Treatment of Motor
RUSSIAN, bk, Tekhnologiy Termicheskoj Obrab-

Theory of Random Processes and Its Appli-
cation in Radio Engineering, Part II, by
RUSSIAN, bk, Teoriya Sluchaynykh Protsess-
ov i Yeeye Primenenie v Radiotekhlike,
1957, 496 pp.

Heat and Power Engineering, Part I, by V. A.
Baum.
RUSSIAN, bk, Teploenergetika, Vypusk 1, Ak
Nauk SSSR, Energeticheskij Inst imeni G. M.
Krzhizhanovskogo, 1959, 144 pp.

Selection of Parameters and Design of Gas
Turbines, by K. V. Koloschevnikov, O. N.
Temin, 133 pp.
RUSSIAN, bk, Vybor Parametrov i Raschet
Gasovoy Turbiny: Uchebenoe Posobiye, 1958,
104 pp.
Scientific
Engineering (Contd)

RUSSIAN, per, Avtom Swarka, no 4, 1952, pp 9-10.


Two Controlled Atmosphere Chambers for Welding Refractory Metals, by N. A. Ol'shanskii.
RUSSIAN, per, Avtom Swarka, No 11, 1958, pp 32-36.

On the Question of the Reasons for the Appearance of Gas Streams in a Welding Arc, by G. B. Serdyuk
RUSSIAN, per, Avtom Swarka, No 11, 1958, pp 81-84.

The Determination of Crankshaft Bearing Clearances by Means of Radioisotopes, by V. P. Lebedev.
RUSSIAN, per, Avtomobil Prom, No 3, 1958, pp 5-8.

Questions Concerning the Building of Vehicles With Gas Turbine Engines, by B. S. Falkevich, I. A. Levin, A. P. Kuznetsov, 10 pp.
RUSSIAN, per, Avtomobil Prom, No 2, 1959, pp 3-5.

An Inquiry Into the Rolling of Elastic (Car) Wheels, by E. A. Chudakov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXX, No 5, 1950, pp 773-775.
Scientific Engineering (Contd)

Hydraulic Resistance of Fouled Packing by Em-Tkhe-Der, et al.
RUSSIAN, per, Gaz Prom, No 7, 1957, pp 35-37.

The Measurement of Particle Velocity in Pneumatic Transport Pipelines, by E. A. Zhikharev.

Motion of Thin Bodies at Large Supersonic Velocities, by G. M. Ganel-Zelikovich, et al,
RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk-Mekh i Mash, No 1, 1960, pp 33-40.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk-Mekh i Mash, No 1, 1960, pp 41-46.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk-Mekh i Mash, No 1, 1960, pp 60-69.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk-Mekh i Mash, No 1, 1960, pp 70-78.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk-Mekh i Mash, No 1, 1960, pp 113-122.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk-Mekh i Mash, No 1, 1960, pp 133-140.
Scientific Engineering (Contd)

A Condition on Laws of Creep, by G. A. Shesterikov.
RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, Prob Mekh i Mash, No 1, 1959, p 131.  *AEC

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Aviat Tekh, No 1, 1960, pp 28-34.  *JPRS

Temperature Balance of Thin Bodies in a Supersonic Flow, by A. S. Povitskiy, (NY-3949).
RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Aviat Tekh, No 1, 1960, pp 35-42.  *JPRS

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Aviat Tekh, No 1, 1960, pp 52-62.  *JPRS

The Determination of the Thermal Stresses in a Conical Shell, by V. A. Sibiryakov, (NY-3949).
RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Aviat Tekh, No 1, 1960, pp 72-82.  *JPRS

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Aviat Tekh, No 1, 1960, pp 94-103.  *JPRS

Calculation of the Simplest Combustion Chamber, by K. P. Vlasov, (NY-3949).
RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Aviat Tekh, No 1, 1960, pp 104-110.  *JPRS
Scientific Engineering (Contd)

Relationship Between Blast Temperature and Temperature Distribution Over the Height of the Blast Furnace, by I. F. Koval'.
RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Chern Metal, No 5, 1959, pp 19-27.

The Problem of Expanding the Resources of Jet Fuels, by M. G. Mamedli, M. S. Aliyev, (NY-3915).
RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Neft' i Gaz, No 2, Baku, 1960, pp 81-85.


RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Priborostroye, No 2, 1959, pp 6-16.

Solar Battery, 3 pp.
RUSSIAN, np, Izvestiya, No 117 (12733), 16 May 1958, 5 pp.

Bering Strait Dam, by Boris Lyubimov, 8 pp, (NY-3700).
RUSSIAN, np, Literaturnaya Gazeta, No 131 (4907), 24 Oct 1959, pp 1, 2.

Hydrodynamic Condition of Metal in Centrifugal Casting and Effect on Macrostructure, by N. N. Reutov.

RUSSIAN, per, Metallurg, No 5, 1959, pp 11-13.

- 139 -
Effect of Construction Details of D'Yukonov's Apparatus Upon Its Interceptive Capacity. by A. E. Vershyhoro.
RUSSIAN, per, Mikrobiol Zhur, Vol XX, No 1, 1958, pp 60-63. 7048: 28

RUSSIAN, per, Morskoy Flot, No 11, 1959, p 28.

Friction Between the Blade and Soil During the Cutting Process, by Yu. A. Vetrov.
RUSSIAN, per, Nauch Dok Vyshey Shkoly, Stroitel, No 2, 1958, pp 111-124.

In the World of Cybernetics, by M. M. Rapoport, (NY-3870).
RUSSIAN, per, Politekhnicheskoye Obuch- eniya, No 7, 1959, pp 75-80.

Gas Pipelines Need a Master Communications System, 3 pp.
RUSSIAN, np, Prom-Ekon Gaz, 11 Dec 1959, p 2.

An Electromagnetic Flow-Detector, by G. Shcherbakov.

RUSSIAN, per, Radio, No 10, 1959, pp 14-16.

Aircraft Wheel-and-Tire Removal Device, 3 pp.
RUSSIAN, np, Sovet Aviatikiya, 19 Nov 1959, p 2.

RUSSIAN, per, Stal (Rolling and Tube Manufacture Supplement), 1959, pp 22, 23.

USDA
Navy 2473/ONI 710
DSIR LLU RMS 1445
*JPRS
AF 1419490
*TIL 5110
AF 1419495
AF 1419429
BISI 1456
Scientific Engineering (Contd)

RUSSIAN, per, Stal, (Rolling and Tube Manufacture Supplement), 1959, pp 99-103.

RUSSIAN, per, Stal (Rolling and Tube Manufacture Supplement), 1959, pp 133-148.

An Investigation Into the Rigidity of Vertical Boring Mills (Determination of a Balance of Elastic Displacements), by V. V. Kaminskaya, D. N. Reshetov.

Improved Locking Devices for Interchangeable Bushes for Taps, by M. P. Kozlov.
RUSSIAN, per, Stanki i Instrument, No 1, 1958, p 34.

RUSSIAN, per, Stanki i Instrument, No 2, 1958, pp 1-5.

Calculation of Strength Characteristics of Cutting Edges of Tools, by M. I. Klushin.
RUSSIAN, per, Stanki i Instrument, No 2, 1958, pp 5-7.

The Development of Ceramics for Metal Cutting, by V. Yu. Rassokhin, M. A. Rura.
RUSSIAN, per, Stanki i Instrument, No 2, 1958, pp 12-14.

Programme Control of Curvilinear Surfaces, by V. M. Kiselev.
RUSSIAN, per, Stanki i Instrument, No 2, 1958, pp 18-21.
Scientific
Engineering (Contd)

Modern Methods of Grinding Rectilinear Slideways of Machines, by M. O. Yakobson.

RUSSIAN, per, Stanki i Instrument, No 2, 1958, p 37.

Machine for Applying Abrasive to Polishing Wheels, by A. G. Tolmachev.
RUSSIAN, per, Stanki i Instrument, No 4, 1958, pp 36-.

RUSSIAN, per, Stanki i Instrument, No 5, 1958, pp 19-22.

Vibration Stability of a Flattened (Cantilever) Boring Bar, by Yao Li-pin.
RUSSIAN, per, Stanki i Instrument, No 5, 1958, pp 27, 28.

RUSSIAN, per, Sudostroyeniye, No 9, 1959, pp 1-3.

RUSSIAN, per, Sudostroyeniye, No 1, 1960, pp 52-56.

Experimental Electroslag Welding of Type Kh18N12T Steel, by A. G. Fomin.
RUSSIAN, per, Svaroch Proiz, No 12, 1958, pp 21-23.

- 142 -
Scientific Engineering (Cont'd)

RUSSIAN, per, Svaroch Proiz, No 2, 1959, pp 19-21.

Ultra-Sonic Control of Welded Rivets, by A. F. Yerashov, V. M. Anfimov, 6 pp.
RUSSIAN, per, Svaroch Proiz, No 3, 1959, pp 35-37.

Results of Using Tantalum Carbide for Incandescent Lamps, by N. N. Voloshchuk, A. L. Gel'f'got.
RUSSIAN, per, Svetotehnika, 1937, pp 87-92.

Exchange of Experience in the Use of Radioisotopes and Radiation in Automotive and Tractor Engineering, 4 pp.
RUSSIAN, per, Trakt i Selkhoz, No 4, 1959.

Automatic Steering of an S-80 Tractor, by P. Tyulenev, V. Sosnin.
RUSSIAN, per, Tele Soveti Kolkhoz, RTS, MTS, Sovkhozm, No 4, 1959, pp 2-6.

RUSSIAN, per, Teploenergetika, No 6, 1956, pp 39-44.

The VT-3 Laboratory Monochromatic Photometer, by V. A. Korovin, A. I. Savvatimskiy.
RUSSIAN, per, Teploenergetika, No 8, 1959, pp 9-11.

A Method of Determination of Sodium Ferrite, by V. A. Taratuta.
RUSSIAN, per, Teploenergetika, No 8, 1959, pp 11-14.
Scientific
Engineering (Contd)

Improvement of the Mine Station, Hoisting and Underground Transportation Through the Application of High Pressure Hydraulic Transport, by A. G. Frolov.
RUSSIAN, per, Uzol, No 8, 1959, pp 10-15.


Oceanographical Investigations of Soviet Scientists, by N. N. Sychrey, (NY-3939).
RUSSIAN, per, Vest Ak Nauk SSSR, No 2, 1960, pp 21-22.

Conferences of Seismologists in Rumania and Spain, by Ye. A. Koridalin, (NY-3939).

RUSSIAN, per, Vest Leningrad U, No 19, Ser Mat, Mekh i Astron, No 4, 1959, pp 121-129.

RUSSIAN, per, Vest Mash, No 7, 1959, pp 3-86.

Heating and Cooling of Houses by Means of Thermoelectric Units, by S. Lukomskiy, 6 pp.
RUSSIAN, per, Zhitishchmye Stroiteli, No 10, 1959, pp 20, 21.

Automatic Apparatus for Elementary Analysis, by F. Vojtech.

- 144 -
Scientific Engineering (Contd)

Research Into Material for Drill Pipe Casings With a Minimum Yield Strength of 98 kg/mm², by R. Sejnoha.
CZECH, per, Hutnicke Listy, No 9, 1959, pp 829-840.

FRENCH, np, Brussels, 21-25 Sep 1959.

Definition of Water Treatment and General Control of a High Pressure Boiler With the Aid of Hydrogen Estimation, by A. Berger, J. Pirotte, L. Bovyn, 29 pp.

Gas Cherenkov Counter, by M. Benieventano.

Improvement in the Production of Open-Hearth Furnaces, Fired With Lean Gas, by the Injection of Compressed Fluids Into Their Gas Burners, by L. Septier, et al.

The Fabrication of Large Diameter Welded Tubes at the Sedan Factory of the Societe Lorraine-Escaut, by J. Petit.
FRENCH, per, Tech Moderne, No 4, 1959, pp 197-206.

Apparatus for Creating the Illusion of Motion by Means of Movable Mirrors, by Reynaud, 10 pp.

- 145 -
Scientific Engineering (Contd)

Flatiron, by Eugene Henri Hirigoyen, 3 pp.
FRENCH, Swiss Patent No 145,129

FRENCH, Belgian Patent No 527,135, Auto-
phon Aktiengesellschaft

Process and Apparatus for Eliminating the Noxious Effects of Internal Combustion Engine Exhaust Gases, 3 pp.
FRENCH, Patent No 663,264, Motorenfabrik Deutz A. G.

FRENCH, Patent No 695,100, Deutsche Edel-
ghaltwerke A. G.

Construction Element and Applications There-
of, by Fernand Akoun, 7 pp.
FRENCH, Patent No 522,671.

Hot Water Boiler, by Vor. auf Heinrich, 8 pp.
FRENCH, Patent No 1,061,322, (Corresponds to German Patent No 927,114).

GERMAN, per, Angew Chem U Chem Ing Tech, No 61, 1951.

Precision Distillation Columns, by W. Kuhn.
GERMAN, per, Chemie-Ingenieur-Technik, Vol
XXIX, 1957, pp 6-16.

The Conversion of Various Magnitude Clear-
ance Widths for the new 1-SM/DR Clearance Gouge, by Von Ing E. Knobloch.
GERMAN, per, Deutsche Eisenbahn Technik, 1959, pp 135-138.

Patent Office
Patent Office
Patent Office
Patent Office
Patent Office
Natl Res Council
Canada, TT No 793
#ABC
#ACSI H-4025
Scientific Engineering (Cont'd)

Instruments for Recording and Automatically Evaluating Field Strength Measurements, by H. J. Griesse, E. Haberkant.

The Development of Arc Steelmaking Furnaces and of Electrode Control Mechanism, by A. Driller.
GERMAN, per, Elektrotech Z, No 2, 1956, pp 41-47.

How Can Theory Help the Control Engineer, by H. Kaltenecker.
GERMAN, per, Gas u Wasserfach, No 7, 1959, pp 681-687.

Concerning the Construction of the Largest Schmidt Mirror Telescope, by Alfred Jensch, 7 pp.
GERMAN, per, Jugend und Technik, No 7/8, 1958, pp 394-397.

The Rotor Steelworks at the Ilseder Huette, by W. Koehler.
GERMAN, per, Klepzig Fachberichte.

GERMAN, per, Metallurgie und Giesserei Technik, Feb 1955, pp 50-58.

Modern Worsted Spinning Processes, High-Speed Intersector Mark IR., by H. Kittel.
GERMAN, per, Melliand Textilberichte, Vol XL, No 4, 1959, pp 355-359.


GERMAN, per, Nachrichtentechnik, No 5, 1956, pp 199-203.

GERMAN, per, Radio und Fernsehen, Vol VIII, No 20, 1959, pp 656, 657.

Research of Today - Production of Tomorrow, by Dr. Manfred Schelzel, 9 pp.
GERMAN, per, Schiffbautechnik, Dec 1959, pp 613, 614.

GERMAN, per, Silikat Technik, No 4, 1959, pp 190-192.

Methods and Apparatus for Measuring the Thickness and Width of Hot and Cold Rolled Strip, by G. Manch.

Development of Surface Quality in Cold Plastic Shaping, by H. Mischlenweg.
GERMAN, per, Stahl und Eisen, 10 Dec 1959, pp 1844-1852.

GERMAN, per, Stahl und Eisen, 21 Jan 1960, pp 65-73.

Tearing Test Time and the Number of Results, by S. Kleinheims.
GERMAN, per, Textil Praxis, No 11, 1956, pp 1112-1115.
The Design of Pump Combinations With Roots Pumps, by K. Ziock.

High Pressure Centrifugal Pumps With a Single Stage, by R. Rossen.

Laboratory Methods of Testing Twist Drills and the Suitability of Materials for Boring, by A. Wallichs.
GERMAN, per, Werkstatt und Betrieb, Vol LXVI, No 19/20, 1933, pp 325-330.

GERMAN, Swiss Patent No 102,173, "Fenestra" Fabrik fuer Eisenhochbau G.m.b.H.

Flatiron for Gaseous or Liquid Fuel, by Otto Mahlmann, 5 pp.
GERMAN, Patent No 335,547.

Impeller for Self-Priming Centrifugal Pumps, by Eduard Redlien, 4 pp.

GERMAN, Patent No 618,988, C. H. F. Muller A. G.

Overhead Cable With Specific Oscillation Damping, 3 pp.
GERMAN, Patent No 644,626, Aluminium-Industrie A. G.

Thrust Bearing With Thrust Measuring Device, 4 pp.
GERMAN, Patent No 656,225, Siemens-Schuckertwerke A. G.
SCIENTIFIC ENGINEERING (Contd)

Bottle Closure, by Ewald Euscher, 4 pp.
GERMAN, Patent No 617,408.

Apparatus for the Separation of Isotopes
With the Isotopic Imput in the Gas Stages,
by Kurt Diebner, Erich Ragge, Karl-Friedrich Leisinger.

Problems of Mechanics of the Pneumatic
Tires, Arising From the Development of
Motor Vehicles, by Joen Rainus, 7 pp.
ITALIAN, per, Asoccazione Tecnica Dell'
automobile, No 4, 1958, pp 207-213.

Linear Guiding on Flexible Blades,
Comparison of Various Known and New Types, by
J. E. Plainevaux.
ITALIAN, per, Il Nuovo Cimento, Vol XII,
No 4, Ser 9, 1954, pp 37-59.

Study of the Deformations of a Flexible
Suspension Blade, by J. E. Plainevaux.
ITALIAN, per, Il Nuovo Cimento, Vol IV,
No 4, Ser 10, 1955, pp 922-323.

Pitching Movement of an Elementary Sus-
pension on Flexible Blades, by J. E.
Plainevaux.
ITALIAN, per, Il Nuovo Cimento, Vol IV,
No 5, Ser 10, 1955, pp 1133-1141.

Improvement in Machines for Instantaneous
Preparation of Coffee as a Beverage for
the Use of Bars, Coffee Shops and the Like,
by Mario Egl, Primo Egl, 9 pp.
ITALIAN, Patent No 467,300.

Thrust Bearing With Measuring Apparatus, in
Particular for Propeller Shafts, 3 pp.
ITALIAN, Patent No 468,238, Krupp Germania-
erwerft Fried. A. G.
Scientific Engineering (Contd)

Improvements in Sewing Machines, Especially in Devices for Zigzag Stitch Work, 7 pp.

ITALIAN, Patent No 544,461, Tufting Machinery Ltd.

Helical Motion Tappet Arrangement Combined With a Disk Carrying the Possible Embroidery Patterns and Incorporated in a Zigzag Sewing Machine, by Egidio Marchi, 5 pp.

Process and Apparatus for Controlling the Beginning, End, Duration, and Rate of the Fuel Injection for Internal Combustion Engines at Different rpm of the Injection Pump, 11 pp.

Elimination of Hydrogen and Nitrogen From Steel Baths by Flushing With Argon, by M. Itai, et al.
JAPANESE, per, Tetsu to Hagane, Vol XLIII, No 3, 1957, pp 45, 46.

SWEDISH, per, Byggmastaren, No 17, 1946, pp 311-314.

Model Experiments in Hydraulic Engineering.
SWEDISH, per, Statens Vattenfallsverk, 1951, pp 75, 76. (Call No TC89, S97, Eng Tr)

Model Experiments in Hydraulic Engineering.
SWEDISH, per, Statens Vattenfallsverk, 1952, pp 73, 74. (Call No TC89, S97, Eng Tr)
Scientific Engineering (Contd)

Model Experiments in Hydraulic Engineering.
SWEDISH, per, Statens Vattenfellsverk, 1953, pp 80, 61. (Call No TC09, S97, Eng Tr)

Large Electric Steel Furnaces, by P. E. Hammarlund.
SWEDISH, per, Tid Tekn, 14 Aug 1950, pp 721-728.

Modification in the Construction of Screw Vises as in Patent No 143,960. 3 pp.

UKRAINIAN, per, Avtomatika, No 1, Kiev, Jan-Mar 1959, pp 39-50.
Scientific Fuels

Specifications for Petroleum Products. RUSSIAN, 1957.

Corrosiveness of Fuels Refined From Sulfurous Crudes. RUSSIAN, bk, Khimya Seroorganicheskikh Soyedineniy Soder Zhashchikhaya v Neftyakh i Nefte-Produktakh, 1959, pp 276-283.


Production of Mixtures of Carbon Monoxide and Hydrogen From Natural Gas by Conversion With Oxygen Under Pressure. RUSSIAN, per, Gaz Prom, No 3, 1959, pp 34-39.


Electrical Resistance of Chromite-Coal Mixtures During Coking, by A. T. Khvichiya. RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Chern Metal, No 5, 1959, pp 41-44.


Scientific Fuels (Cont'd)

The Refining of Crude Benzole by Catalytic Hydrogenation Under Pressure, Using Coke Oven Gas, by I. I. Dr., et al.
RUSSIAN, per, Koks i Khim, No 2, 1959, pp 35-38.

Tube Crystallizer for Naphthalene Oil, by V. E. Privalov.
RUSSIAN, per, Koks i Khim, No 3, 1959, pp 46-49.

Production of Pure Products From Light Pyridine Base, by K. M. Gepshtein.
RUSSIAN, per, Koks i Khim, No 3, 1959, pp 45-53.

The Strength of Coke Substances, by F. P. Frayshteter.
RUSSIAN, per, Koks i Khim, No 4, 1959, pp 30-22.

RUSSIAN, per, Koks i Khim, No 4, 1959, pp 46-49.

Content and Accumulation of Rare and Scattered Elements in Coal, by K. F. Medvedyev, I. A. Batrakova.
RUSSIAN, per, Koks i Khim, No 6, 1959, pp 13-17.

Synthetic Fuels Production Technology, by M. G. Mamedli, M. S. Aliyev, 12 pp.
RUSSIAN, per, Neft i Gaz, No 2, 1959, pp 67-74.

RUSSIAN, per, Trudy Neft Inst. Ak Nauk SSSR, Vol XI.
Scientific Fuels (Contd)


Scientific Geophysics


*RAND Corp

*AEC

*AEC SCL T-284

ATIC F-TS-9839/V

*Navy/NLL

ATIC F-TS-9815/V

JPBS 2344

*AEC
Scientific Geophysics (Contd)


RUSSIAN, per, Byulleten' Ministerstva Vysshego Obrazovaniya, No 5, 1959.

RUSSIAN, per, Byul Vses Astron Geo Obshch, No 20, (27), 1957, pp 3-71.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXV, No 6, 24 Apr 1959, pp 1242-1245.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 1, 1959, pp 52-55.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 6, 1960, pp 1345-1348.

Scientific
Geophysics (Contd)

RUSSIAN, per, Iz Astrofiz Inst Ak Nauk Kazakh SSR, Vol VI, 1958, pp 3-72.


On Zodiacal Twilight, by V. G. Fesenkov, 10 pp.

RUSSIAN, per, Iz Astrofiz Inst Ak Nauk Kazakh SSR, Vol VIII, 1959, pp 68-78.


Determining the Average Size of Magnetized Clouds of Interstellar Gas by Radio-Astronomical Methods, by G. Germantsev.
Scientific Geophysics (Contd)

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Radiofiz, Vol II, No 6, 1959, pp 543-547. *JPRS

Oceanographic Information Available on the Indian Ocean, by A. Murovtsiev.
RUSSIAN, per, Met i Gid, No 6, 1958, pp 14-18. CSIRO 4495

RUSSIAN, per, Met i Gid, No 11, 1959, pp 3-15. JPRS 2470

RUSSIAN, per, Met i Gid, No 11, 1959, pp 16-26. JPRS 2471

RUSSIAN, per, Met i Gid, No 11, 1959, pp 62-66. JPRS 2472

Accurate Definition and Use of Richardson's Number for the Identification of Zones of Aircraft Turbulence, by M. V. Zavarina, M. I. Yudin, 9 pp.
RUSSIAN, per, Met i Gid, No 2, 1960, pp 3-10. JPRS 2557

RUSSIAN, per, Met i Gid, No 3, 1960, pp 3-10. *JPRS

RUSSIAN, per, Met i Gid, No 3, 1960, pp 18-25. *JPRS

Transactions of the Scientific Research Institutions of the Hydrometeorological Service of the USSR, (DC-3754).
RUSSIAN, per, Met i Gid, No 3, 1960, pp 57-61. *JPRS
Scientific
Geophysics (Contd)

RUSSIAN, per, Moskva, No 9, 1958, pp 160-170.

RUSSIAN, per, Priroda, No 3, 1960, pp 5-10.

Motion of the Moon, by A. A. Yakovkin, (DC-66/119).
RUSSIAN, per, Priroda, No 3, 1960, pp 47-50.

RUSSIAN, per, Priroda, No 3, 1960, pp 88-91.

RUSSIAN, per, Priroda, No 3, 1960, pp 96-100.

Space Laboratories, by S. Matveyev, 16 pp.
RUSSIAN, per, Radio, No 11, 1959, pp 8-11.

RUSSIAN, per, Razvedka i Okhrana Nedr, No 11, 1959, pp 60-63.

RUSSIAN, per, Sovet Geol, No 10, 1959, pp 152-154.

RUSSIAN, per, Sovet Geol, No 2, 1960, pp 149-160.
Scientific Geophysics (Contd)

Step by Step, by I. Merkulov, (DC-66/117).
RUSSIAN, per, Tekhnika Molodezhi, No 1, 1960, pp 18-21.

Catalog of Earthquakers Felt and Registered on the Territory of Tadjikistan Between 1865-1940 and 1941-1952, by P. G. Semenov, V. A. Semenova.

On a Method of Interpretation of Data Obtained by the ADR (Adjustable Directional Reception) Method, by L. A. Ryabinkin, Yu. V. Napalkov.
RUSSIAN, per, Trudy Moskov Neft Inst imeni I. M. Gubkina, Min Vysshego Obrazovaniya SSSR, No 18, 1957, pp 103-127.

On Certain Characteristics of Multiple Reflections of Waves, by A. K. Urupov.
RUSSIAN, per, Trudy Moskov Neft Inst imeni I. M. Gubkina, Min Vysshego Obrazovaniya SSSR, No 18, 1957, pp 166-183.

The Attenuation of Seismic Waves During Local Earthquakes, by S. D. Vinogradov, M. S. Antsyferov, I. L. Nersesov.


The Precision of the Azimuthal Method of Determining the Coordinates of the Epicenter, by I. L. Nersesov, V. A. Tokmakov.
Scientific

Geophysics (Contd)


RUSSIAN, per, Vest Ak Nauk SSSR, No 1, 1960, pp 20-36.


Battle With Aerial Giants, by V. Belotserkovskiy, 12 pp.
RUSSIAN, per, Vokrug Sveta, No 8, 1958, pp 1-5.

Meteorological Education in the Last Decade, by Hsieh Kuan-tao, Hsieh I-ping, Yeh Kuei-hsin, 11 pp.
CHINESE, per, Ch'i-hsiau Hsueh-pao, Vol XXX, No 3, Oct 1959, pp 202-205.

Development of Meteorological Research in China in the Past Decade, by Chao Chiu-chang, 14 pp.
CHINESE, per, Ch'i-hsiau Hsueh-pao, Vol XXX, No 3, Peiping, pp 206-211.
Scientific
Geophysics (Contd)


China's Researches in Dynamic Meteorology in the Past Decade, by Hsu Erh-hao, 23 pp.

CHINESE, per, K'o-hsueh T'ung-pao, No 18, 26 Sep 1959, pp 595-593.

Draft of the Complex Physiographic Division of China, by Huang Ping-wei, (NY-3928).
CHINESE, per, K'o-hsueh T'ung-pao, No 18, 26 Sep 1959, pp 594-602.

The Great Developments and Achievements in Geophysical Prospecting Techniques in China During the Past Decade, by Ku Kung-hsu, (NY-3926).
CHINESE, per, K'o-hsueh T'ung-pao, No 20, 26 Oct 1959, pp 670-681.

The Building of 30,000 Atmosphere, Liquid Medium, High-Pressure Equipment, 3 pp.
CHINESE, per, K'o-hsueh-Wen, No 34, 28 Oct 1959, p 11.

CHINESE, per, Ti-li Hsueh-pao, No 1, Peiping, Feb 1959, pp 47-56.

What the Sputniks Told Us About the Highest Atmospheric Layers, 4 pp.
CZECH, per, Sdelovaci Technika, No 6, 1959, p 225.

USASIA SC-98a/59
Scientific
Geophysics (Contd)

Applicability of Kohler's Equilibrium Curves to Solution Droplets, by G. Gotsch.
GERMAN, per, Geofisica Pura e Applicata, Vol XLII, No 1, 1959, pp 75-88.

Twenty-Five Years of Radiometric Observations, by Bernardo M. Paoloni.
ITALIAN, per, La Meteorologia Pratica, Vol XIX, 1938, pp 53-72.

Investigation on Atmospheric in Italy, by Piero Ilardi.

Operations of the Italian Radiometric Service, by Bernardo M. Paoloni.

Concerning the Strength of the Ocean Floor, by Sadanosuke Miura, 5 pp.
Scientific Mathematics


*JPRS 2329
*JPRS 2430
*JPRS 2431
*JPRS 2424
*JPRS 3063
*JPRS 1659

- 165 -
Reports of the Osteurope-Institute of
the Free University Berlin, 140 pp.
RUSSIAN, bk, No 1, Publ by Prof Dr Max

Symposium of Instructions on the Organi-
zation of Oncological Service, Prevention,
Diagnosis and Treatment of Cancer and Pre-
cancerous Diseases, 156 pp.
RUSSIAN, bk, State Publishing House for
Medical Literature, Medgiz, Moscow, 1956.

Contribution to the Problem of the Evolu-
tion of the Interaction of External and
Internal Receptors, by E. Sh. Ayrapet'yants,
18 pp.
RUSSIAN, rpt, publ by State Publ House of
Medical Literature, Leningrad Branch, 1958,
pp 105-116.

Reflection of Evolutionary Regularities in
the Reactions of an Organism to the Effect
of High Partial Oxygen Pressure, by A. V.
Voyno, Yasenzetsky, 16 pp.
RUSSIAN, rpt, publ by State Publ House of
Medical Literature, Leningrad Branch, 1958,
pp 138-147.

New Data on the Age Physiology of Compensa-
tory Adoptions, by Ye. A. Asratyan, 17 pp.
RUSSIAN, rpt, publ by State Publ House of
Medical Literature, Leningrad Branch, 1958,
pp 156-166.

Certain Problems of the Biochemical Evolu-
tion of the Nervous System, by Ye. M. Kreps,
17 pp.
RUSSIAN, rpt, publ by State Publ House of
Medical Literature, Leningrad Branch, 1958,
pp 243-252.
Scientific Medicine (Contd)


RUSSIAN, bk, Novyye Dannyye po Fiziologii i Patologii Pishchevareniya, Lecture X, Moscow, 1948, pp 202-295.  5047542

Attack on Infections, by V. M. Zhdanov, (DC-3688).


Military Hygiene, by F. G. Krotkov, (DC-3834).

Table of Contents of Volumes One and Two of *Eighth All-Union Congress of Hygienists, Epidemiologists and Microbiologists, and Infectionists,* by V. M. Zhdanov, (NY-3096).

- 167 -
The Use of Resistant and Sensitive Forms of Microbes for the Screening of New Antibiotics, by I. S. Buyanovskaya.  

A New Antivirus Antibiotic - Violarine, Produced by Violet Actinomycetes, by N. A. Krasil'nikov.  

Determination of Localization of Tetracyclines in Bone Tissue by the Fluorescence Method, by V. I. Boyko, 12 pp.  
RUSSIAN, per, Antibiotiki, Vol IV, No 4, 1959, pp 44-49.  9047542

Development of Higher Pharmaceutical Education in the USSR During the Postwar Years, by A. M. Sidorkov, (NY-3887).  
RUSSIAN, per, Aptekhnoye Delo, Vol VIII, No 6, 1959, pp 44-47.

Resolution Adopted at the Second All-Union Conference of Pharmacists (3 to 6 March 1959, in Leningrad), (NY-3887).  
RUSSIAN, per, Aptekhnoye Delo, Vol VIII, No 6, 1959, pp 83-87.


RUSSIAN, per, Archiv Anatom, Gistol i Embriol, No 8, 1959, pp 117-122.
Scientific Medicine (Contd)

RUSSIAN, per, Arkhiv Anatom, Gistol i Embriol, No 12, Moscow/Leningrad, 1959, pp 104-118.

Resolutions of the Plenum of the Board of the All-Union Scientific Society of Anatomists, Histologists and Embryologists, (DC-3742).

Certain Onto-Phylogenetic Correlations in the Development of the Structural Basis of Reflex Functions of the Organism, by G. I. Polyakov, (NY-3908).

RUSSIAN, per, Arkhiv Anatom, Gistol i Embriol, Vol XXXVIII, No 2, 1960, pp 104-120.


Scientific Medicine (Contd)


The Pathogenesis of Radiation Injuries and Reparative Processes in Rat Embryos After Irradiation of the Females on the 10th Day of Pregnancy, by Ye. A. Bal'shtrem, (NY-3991).


The Reaction of the Lungs to Different Kinds of Coal Dust, by V. A. Ravvin, P. A. Enyakova.
RUSSIAN, per, Arkhiv Patol, Vol XIII, 1951, pp 79-.

Clinical Picture and Epidemiology of Certain Less Known Infections, by K. G. Gapochko, N. S. Gerin, V. A. Lebedinskiy.
RUSSIAN, per, Arkhiv Patol, Vol XXI, No 12, 1959, pp 74, 75. 9049337

RUSSIAN, per, Azerbaydzhan Med Zhur, No 12, Baku, 1959, pp 10-13. JPRS 2414

RUSSIAN, per, Azerbaydzhan Med Zhur, No 12, Baku, 1959, pp 64-66. JPRS 2414
Scientific Medicine (Contd)

The Hypotensive Function of the Pancreas, by S. V. Andreyev.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CV, No 4, 1955, pp 848-851.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII, No 1, 1959, pp 172-175.


Resolutions of the Ninth Congress of the All-Union Physiological Society Imeni Academician I. P. Pavlov, (NY-3895).

The Use of Ultraviolet Radiation of Different Spectral Composition for Diminishing Sequelae of Radiation Injury, by T. A. Sviderskaya, Ye. G. Zhuk, I. N. Filipson, (NY-3881).
RUSSIAN, per, Gig i San, Vol XXV, No 2, 1960, pp 27-33.

RUSSIAN, per, Gig i San, Vol XXV, No 2, 1960, pp 64-70.

RUSSIAN, per, Gig Truda i Professional Zabol, Vol III, No 6, 1959, pp 3-8.
Scientific Medicine (Contd)


Occupational Skin Tumors Induced by Chemical Substances, by P. A. Bogovskiy, (NY-3989). RUSSIAN, per, Gig Truda i Professional Zabol, Vol IV, No 3, 1960, pp 11-17. *JPRS


Silicosis in the Mining Industry in the USSR. RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, No 10, 1952, pp 1573-1581. DSIR LIU M.1346
Scientific Medicine (Contd)


Radioisotope Laboratory of the Timiryazev Academy, by V. V. Rachinskiy, F. P. Plat-onov, (NY-3873).
RUSSIAN, per, Iz Timiryazev Sel'khoz Ak, No 6, 1959, pp 239-250.

RUSSIAN, per, Khirurgiya, No 9, 1959, pp 133-138.

Some Results Effected Since the Decisions of the Twenty-Sixth All-Union Congress of Surgeons, by N. Fachinskaya, N. Rakin, (NY-3888).
RUSSIAN, per, Khirurgiya, No 1, 1960, pp 133-137.

An Improvement in the Technology of the Production of Biomycin (Chlorotetracycline) Hydrochloride, by B. B. Fainshtein, A. M. Ziserman.
RUSSIAN, per, Medit Prom SSSR, No.4, 1958, p 36.

RUSSIAN, per, Medit Prom SSSR, Vol XIV, No 3, 1960, pp 56-60.

Internal Inhibition as a Problem of Physiology, by P. Makarov, 4 pp.


Scientific Medicine (Contd)


The Preparation of Sodium Chromatic (Na$_2$Cr$_5^{51}$O$_4$) and of Chromium Chloride (Cr$_5^{51}$Cl$_3$) and Their Use in Labelling Erythrocytes and Plasma Proteins, by M. M. Golutvina, M. G. Shitikwa, V. I. Levin, R. V. Lenskaya, 8 pp. RUSSIAN, per, Medit Radiol, Vol IV, No 3, 1959, pp 61-65.

Data on the Distribution of Pm$^{147}$, by Yu. I. Moskalev, 5 pp. RUSSIAN, per, Medit Radiol, Vol IV, No 6, 1959, pp 73-75.


Against Radiation Disease. RUSSIAN, per, Ogonek, 5 Jan 1960, p 23.

Pressing Tasks in the Care of Children of Preschool and School Age, by I. G. Tseytlin, (DC-3719). RUSSIAN, per, Pediatriya, Vol XXXVII, No 6, 1959, pp 3-10.

Scientific Medicine (Contd)

For the Welfare of Man Development of Medical Science in the USSR, by V. V. Parin, 7 pp.
RUSSIAN, per, Priroda, No 10, 1959, pp 51-54.

RUSSIAN, per, Priroda, No 2, 1960, pp 33-30.

RUSSIAN, per, Problemy Fiziol Opt, No 8, 1953, pp 47-54.

RUSSIAN, per, Sbornik Nauchnoy Raboty Sverdlovskogo Otdel Vsesoyuznogo Obshch Anatomi, Histologii, i Embriologii, No 1, 1957, pp 47-50.

Some Problems of the Epidemiology of Rickettsialpox, by R. I. Kiselev, 8 pp.


Scientific Medicine (Contd)

The Role of Hemotransfusion in the System of Complex Therapy of Tumor Diseases by A. P. Kiyashov, (NY-3865).

In the Central Committee of the CPSU and the Council of Ministers USSR: Measures for the Further Improvement of Medical Service and Health Protection of the Population of the USSR, (NY-3985).

The Hyperventilation Syndrome, by L. L. Liberman, (NY-3985).

Proximate Results in the Therapy of Skin Cancer With Omame Ointment, by O. S. Shramchenko, (NY-3985).

In the Presidium of the Scientific Medical Council of the Ministry of Health RSFSR, by Ye. K. Ponomar', (NY-3985).

A Course in Epidemiology, by I. F. Pichkur, (DC-3763).

RUSSIAN, per, Trudy Obshch Russk Vrach s Petersburg, Vol LXXIX, 1912, pp 137-147.

Some Problems of Contemporary Biochemistry, by V. A. Engel'gardt, (DC-3703).

- 177 -
Problems of Coordinating Medico-Biological Research, by V. A. Mazyrkantov, 7 pp.

Certain Philosophical Problems of Theoretical Medicine, by F. F. Bondarenko, (DC-372).


Attenuated Variant "M" of Rickettsia Berenstina Possible Live Vaccine Against Q-Fever, by V. A. Genig, (NY-4005).


Some Results of the Visit to the United States of America, by G. F. Gauze, (DC-3786).

International Conference on Antibiotics in Warsaw, by N. A. Krasil'nikov.
RUSSIAN, per, Vest Ak Nauk SSSR, Vol XXV, No 7, 1959, pp 87-90.
Scientific Medicine (Contd)

Increasing Responsibility of Physiological Sciences, by G. Lil'yestrand, (NY-3893).
RUSSIAN, per, Vest Ak Nauk SSSR, Vol XXVIII, No 3, 1958, pp 46-47.

RUSSIAN, per, Vest Ak Nauk Kazakh SSR, No 11, 1959, pp 90, 91.


Chronicle, 4 pp.
RUSSIAN, per, Vest Otorino-Laringologii, No 5, 1959, pp 120-122.

RUSSIAN, per, Vest Rentgenolog Radiolog, Vol XXXV, No 1, 1960, pp 51-54.

RUSSIAN, per, Veterinariya, Vol XXXVI, No 12, 1959, pp 32, 33. USDA 9048326
Scientific Medicine (Contd)

RUSSIAN, per, Veterinariya, Vol XXXVII, No 1, 1960, pp 5-7. 9048329

Brucellosis in Reindeer, by A. F. Pinigin, G. P. Vyborov, O. S. Petukhova.

RUSSIAN, per, Veterinariya, Vol XXXVII, No 1, 1960, pp 33-35. 9048332

Additional Information on Foot-and-Mouth Disease, as Zoonotic Infection, by S. R. Didovets.

Aerogenic Method of Vaccination Against Avian Plague, by M. T. Prokof'eva.

Sixteenth International Veterinary Congress by V. S. Kulichenko.
RUSSIAN, per, Veterinariya, Vol XXXVII, No 2, 1960, pp 75, 76.

Express Diagnosis of the Anthrax Microbe in Water, by Ya. E. Kolyakov.
RUSSIAN, per, Veterinariya, Vol XXXVII, No 3, 1960, pp 81-84.

Accelerated Diagnosis of Paratyphoid Toxic Infections, by L. P. Zaleskiiy.
Scientific Medicine (Contd)

Fractionation of Brain Tumor Proteins by Paper Electrophoresis, by A. V. Trufanov, 9 pp.


The Problem of Hygienic Evaluation of the Quality of Meat Irradiated With Ionizing Radiations, by I. M. Buznik, (NY-3945).

RUSSIAN, per, Voprosy Virusol, Vol IV, No 5, 1959, pp 533-537.


Experiences From the Work of the Clinic for Treatment of Female Sterility, by S. M. Pen'or, 8 pp.
RUSSIAN, per, Zdravoohraneniy Turkmenistan, Vol I, No 3, 1957, pp 41-44.

Effect of Sublethal Doses of the Botulinus Toxin Upon an Organism in Multiple Injections, by K. I. Matveyev.
RUSSIAN, per, Zhur Mikrobiol, Epidemiol i Immunobiol, Vol XXX, No 9, 1959, pp 71-78.

Vaccinoprophylaxis in the USA, by P. N. Burgasov, K. G. Gapochko.

RUSSIAN, per, Zhur Mikrobiol, Epidemiol i Immunobiol, Vol XXX, No 12, 1959, pp 48-54.


Observations of the Production of Toxin in the Digestive Tract of Animals Infected Through the Mouth With the Culture of the Pathogen of Botulism Type A, by L. M. Shvedov.
RUSSIAN, per, Zhur Mikrobiol, Epidemiol i Immunobiol, No 1, 1960, pp 106-111.
Contemporary Status of the Study of Melioidosis and Some Tasks for the Scientific Research Work in This Field, by M. I. Levi.
RUSSIAN, per, Zhur Mikrobiol, Epidemiol i Immunitet, No 2, 1960, pp 133-139.

Alteration of the Peripheral Part of the Skin Analysor in Acute Radiation Sickness, by N. N. Garvey, (NY-3891).

A Unique Psychopathological Syndrome in Achondroplasia, by N. V. Kantorovich.


The Philosophy of Voluntarism and Freud's Psychoanalysis, by V. M. Morozov, (DC-3705).

Interinstitute Meeting in the Presidium of the Academy of Medical Sciences USSR on Problems of the Ideological Battle With Contemporary Freudianism, by F. V. Bassin, (DC-3705).

A Case of Fetal Deformity, Chondrodystrophia Foetalis, by V. O. Borokhvich.

Nucleoproteins and Heredity, by M. V. Turbin, (DC-3767).


Studies on the Prevention and Treatment of Poliomyelities in China, by Chou Hia-k'ang, (NY-3965).

Communist China's Achievements in Hematology in the Past Decade, by Sung Shao-chang, Yang Ch'ung-li, 6 pp.

Break Through the Obstacles to Infectious Hepatitis Research, 6 pp.

Results of Chinese Research Related to Infectious Hepatitis in the Past Decade, by Chia K'o-ming, 19 pp.
Scientific Medicine (Contd)


The Interrelationship Between Chinese Dogs and Kala-azar in Man, by Chung Hui-lan, et al.

Summary of Communist China's Achievements in the Medical Sciences in the Past Decade, by Ch'ien Hsin-chung, 12 pp.


Tetracalci um Salts, Their Preparation and Use in Biology and Medicine, by Zdenek Padr.

- 185 -
Concerning Hematology in the Soviet Union, by L. Donner, (DC-3765).
CZECH, per, Casopis Lekaru Ceskych, Vol XCIX, No 9, 1960, pp 44-47.

The Task of the Czechoslovak Public Health Service in the Third Five-Year Plan, by J. Plojhar, (DC-3770).

The Importance of Detailed Examinations of Employees Working With Mercury. Part I, Periodical Examinations of Employees Subject to Known Exposure (Estimation of the Mercury Level in the Urine), by J. Totusek.

Transfusion and Grafting of Marrow Bone Cells in Man, by Georges Mathe, 39 pp.
FRENCH, transcript of "Colloquium on Grafting", 1959, pp 1-41.

The Medical Aspect of Ejections Conducted in France on Different Types of Ejection Seats, by J. Fabre, 20 pp.

The Role of Time in Depth Perception, by E. Geblevics, N. C. Shen, 8 pp.

A Case of Cutis Laxa With Tumors From Chronic Contusions of the Elbows and Knees. (Pseudodiabetic Juvenile Xanthoma of Hallopeau and Lepinay), by M. Danlos, 2 pp.
FRENCH, per, Bulletin Societe Francaise de Dermatologie et de Syphiligraphie, Vol XIX, 1908, pp 70-72.
Scientific Medicine (Contd)

Renal Action of Synthetic Isoleucine 5-Octapeptide in Dogs, by G. Barac, 4 pp.

Angiotensins, Calcium and Oxytocic Effect, by J. Henson, G. Barac, Z. M. Becq, 4 pp.

The Paragangliomas of the Vagus Nerve, (With Reference to Two Personal Cases),
by J. J. Debaire, H. Lecourtey, 7 pp.

The Effect of the Multivant Sarcoma Virus in the Golden Hamster, by J. Gimmy, A. Graffi, L. Krause, 3 pp.
GERMAN, manuscript, 2 pp.

Investigations on the Leukemogenic Effect of Nucleic Acids From Virus-Induced Leukemia Tissue, by H. Bielka, A. Graffi, 5 pp.
GERMAN, manuscript, 3 pp.

The Knock Knee, Part II, (Appendix to "Journal for Orthopedic Surgery"), by Dr K. Bragard.

Surgical Interventions in Hemophilacs, by P. J. Kooreman, E. Hecht, 36 pp.

New Possibilities of Treatment in Mongolism. Suggestion of a Post-Maturation Treatment,
by H. Hubold, 10 pp.
Scientific Medicine (Contd)


The History of Quincke's Disease, by H. Schadewaldt, 32 pp. GERMAN, per, International Archives of Allergy and Applied Immunology, Vol XIV, No 5/6, 1959, pp 339-362.

Scientific Medicine (Contd)

Practical Experience in the Prophylaxis of Acute Cardiac Standstill, by J. Rienmüller.

A Method of Preventing Cardiac Standstill, by J. Rienmüller.

The Detection, Effect and Migration of Thorotrast in the Human Organism, by W. Krucke, 5 pp.

Treatment of Chronic Udder Edema, by L. Mittelholzer, 7 pp.
GERMAN, per, Schweiz Arch Tierheilk, Vol CI, 1959, pp 600-605.

GERMAN, per, Schweiz Z Path Bakt, Vol XIX, 1956, pp 738-.

Governmental Testing of Vaccines Against Infantile Paralysis, 30 pp.
GERMAN, per, Staats-Anzeiger fuer das Land Hessen, No 12, 1959, pp 344-349.

Malarial Immunity Problems, by E. G. Nauck.

Separation of the Thermolabile and Thermostable Vasodilating Substances From Urine, by W. Gross, 15 pp.
Scientific Medicine (Contd)


Appearance of Sheep Piroplasmosis in Germany, by K. Enigk. GERMAN, per, Z. fuer Tropenmedizin und Parasitologie, Vol IV, 1953, pp 176-186. CSIRO 4306

The Mucinolytic Enzymes in the World of Microbes, by L. Bergamini, 25 pp. GERMAN, per, Zentral Bacteriologie und Parasitologie, Vol CLXV, 1956, pp 122-134. NIH 2-32-60

Blood Parasite Discovered by Babes and the Disease It Causes, Haemoglobinuria of Cattle (Babes), Texas Fever, (Th. Smith) and Carceag of Sheep (Babes), by C. Starocovici. GERMAN, per, Zentralblatt fuer Bakteriologie und Parasitenkunde, Vol XIV, No 1, 1893, pp 1-8. CSIRO 4545


Development of Babesia Bigemina in the Tick Boophilus Microplus, by P. Regendanz. GERMAN, per, Zentralblatt fuer Bakteriologie, Parasitenkunde und Infektionskrankheiten, Vol CXXXVII, No 8, 1936, pp 423-428. CSIRO

Process for Enrichment of Water (Included for Food Purposes) With Compounds Containing Fluorine, by M. Groeck, 3 pp. GERMAN, Patent No 943,760, Class 85b, Group 1 01, International Class C 02 b, G1167, IVc/85b, Issued 14 Feb 1957. NIH 2-36-60

- 190 -
Scientific Medicine (Contd)

Paper Chromatography in the Study of Bacterial Taxonomy, by V. Bottazzi.
Natl Res Council
Canada, TT No 772

The Vascularization of Bone and Its Behavior During the Development From Fetus to Adult, by D. Dezzani, O. de Lutio, 27 pp.
ITALIAN, per, Archivio di Ortopedia, Vol LXIX, 1956, pp 527-564.
NIH 2-45-60

ITALIAN, per, Archives de Parasitologie, Vol VII, 1903, pp 398-407.
CSIRO 4384

NIH 2-28-60

ITALIAN, per, Minerva Anestesiologica, Vol XXIV, 1958, pp 505-509.
NIH 2-40-60

Bilateral Paraganglioma of the Vagus, by A. Banfi, 5 pp.
NIH 2-42-60

ITALIAN, per, Ortoped e Traumatol, Vol XXV, No 2, 1957, pp 279-335.
NIH 2-34-60
Acute Mycosis of Chronic Benzolism
Initiating as an Aplasia and Later
Taking the Appearance of a Leukemia
or an Erythroleukemia, by V. Vannucchi,
20 pp.
ITALIAN, per, Rivista Critica di Clinica

Histogenesis and Differentiation of the
Neurons and of the Glial Elements of the
Cerebral Cortex, by G. Godina, 48 pp.
ITALIAN, per, Z. Zellforsch, Vol XXXVI,
1951, pp 401-435.

Studies on the Cause of Minamata Disease
and on Preventive Treatment. Report No 1,
Introduction, by Kansuke Sera, 4 pp.
JAPANESE, rpt, Summary of Reports on the
Study of Minamata Disease, 20 Aug 1959,
pp 2, 3.

Interaction of Steroidal Hormones With
Serum Protein. II. Steroidal Hormones
and Bovine Serum Albumin, by H. Takikawa.
JAPANESE, per, J Pharm Soc, Japan, Vol
LXXVIII, No 11, 1958, pp 1274-1279.

An Adrenocortical Response of Mouse Lymph
Node to Estrogen Treatment, by H. Imai,
26 pp.
JAPANESE, per, Kaibogaku Zasshi, Vol XXXII,
No 6, 1957, pp 571-582.

Diurnal Activity of Mice. Effect of the
Social Relationship of Mice on Their Diurnal
Activity, by K. Fujimoto, 13 pp.
JAPANESE, per, Seiri Seitai, Vol V, No 3/4,
1953, pp 97-103.

JAPANESE, per, Seitai no Kagaku, Vol VI,
No 4, 1955, pp 154-159.
Scientific Medicine (Contd)


Does Peripheral Schizogony Occur in Infections With Babesia Argentina and Babesia Bigemina?, by J. Boero. SPANISH, per, Revista de Medicina Veterinaria, Vol XXXVI, No 1, 1954, pp 1-5.

The Cytochrome C Content of the Atrioventricular Conducting System of the Heart, by E. Helander, 6 pp. SWEDISH, manuscript, 5 pp.

ATP-Induced Isometric Tension in Glycerol Extracted Muscle Fibers in Relation to Their Myofibril Cross-Sectional Area, by E. Helander, 12 pp. SWEDISH, manuscript, 10 pp.

- 193 -
Scientific Medicine (Contd)

Studies of the Protein Composition of the Atrioventricular Conducting System of the Heart, by E. Helander, 15 pp. SWEDISH, manuscript, 12 pp.

NIH 2-24-60


NIH 2-14-60


*JPRS


*JPRS


*JPRS

- 194 -
Scientific
Minerals/Metals

Polarization of the Region of Diamagnetic Elements Dissolved in Iron, by E. N. Bumelov, V. V. Sklyarevskiy, E. P. Stepanov.
RUSSIAN, rpt, 1959.

Investigation of the Quality of Continuously Cast Steel Ingots, by N. A. Nikolayev.

Investigation of the Quality of Continuously Cast Steel, by N. L. Komandin.

Basic Factors Affecting the Technology of Continuously Cast Steel, by I. Ya. Granat.

RUSSIAN, bk, Geologiya Mestorozhdeniy Redkikh Elementov, No 4, 1959, 54 pp.

Selected Articles From Metallurgy and Metallography (Two Parts), 551 pp.
RUSSIAN, bk, Metallurgiya i Metallovedeniye, 1958, pp 1-518.

RUSSIAN, bk, Metallurgiya i Metallovedeniye Chistykh Metallov, No 1, 1959, pp 7-35.

RUSSIAN, bk, Metallurgiya i Metallovedeniye Chistykh Metallov, No 1, 1959, pp 36-43. *JPRS*


RUSSIAN, bk, Metallurgiya i Metallovedeniye Chistykh Metallov, No 1, 1959, pp 44-62. *JPRS*


RUSSIAN, bk, Metallurgiya i Metallovedeniye Chistykh Metallov, No 1, 1959, pp 63-69. *JPRS*


RUSSIAN, bk, Metallurgiya i Metallovedeniye Chistykh Metallov, No 1, 1959, pp 70-77. *JPRS*


RUSSIAN, bk, Metallurgiya i Metallovedeniye Chistykh Metallov, No 1, 1959, pp 78-83. *JPRS*


RUSSIAN, bk, Metallurgiya i Metallovedeniye Chistykh Metallov, No 1, 1959, pp 84-90. *JPRS*
Investigation of the Process of Thermal Reduction of BeF₂ With Magnesium, by A. I. Yevstyuikhin, (NY-3913).
RUSSIAN, bk, Metallurgiya i Metallovedeniye Chistykh Metallov, No 1, 1959, pp 91-105. *JPRS

Arc Melting of Refractory Metals and Alloys Under Laboratory Conditions, by A. I. Yevstyuikhin, G. A. Leont'yev, V. V. Nkishanov, (NY-3913).
RUSSIAN, bk, Metallurgiya i Metallovedeniye Chistykh Metallov, No 1, 1959, pp 106-121. *JPRS

RUSSIAN, bk, Metallurgiya i Metallovedeniye Chistykh Metallov, No 1, 1959, pp 122-127. *JPRS

RUSSIAN, bk, Metallurgiya i Metallovedeniye Chistykh Metallov, No 1, 1959, pp 128-143. *JPRS

RUSSIAN, bk, Metallurgiya i Metallovedeniye Chistykh Metallov, No 1, 1959, pp 144-161. *JPRS

RUSSIAN, bk, Metallurgiya i Metallovedeniye Chistykh Metallov, No 1, 1959, pp 162-169. *JPRS
RUSSIAN, bk, Metallurgiya i Metallovedeniye Chistykh Metallov, No 1, 1959, pp 170-178.

RUSSIAN, bk, Metallurgiya i Metallovedeniye Chistykh Metallov, No 1, 1959, pp 179-191.

Concerning the Regularity Observed in the Change of Volume During Formation of Intermetallic Compounds, by V. S. Lyashenko, (NY-3913).
RUSSIAN, bk, Metallurgiya i Metallovedeniye Chistykh Metallov, No 1, 1959, pp 192-199.

RUSSIAN, bk, Metallurgiya i Metallovedeniye Chistykh Metallov, No 1, 1959, pp 200-212.

RUSSIAN, bk, Metallurgiya i Metallovedeniye Chistykh Metallov, No 1, 1959, pp 213-218.

RUSSIAN, bk, Metallurgiya i Metallovedeniye Chistykh Metallov, No 1, 1959, pp 219-223.

RUSSIAN, bk, Metallurgiya i Metallovedeniye Chistykh Metallov, No 1, 1959, pp 224-230.


RUSSIAN, per, Avtomat Svarka, No 4, 1955, pp 31-41.

Brittle Failure of Low-Carbon Steel Welds, by B. S. Kasatkin. 

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, No 8, 1949, pp 1235-1241.

Micromechanism of the Brittle Destruction of Steel, by B. S. Kasatkin. 
RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, No 5, 1958, pp 63-68.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, Mekh i Mash, No 5, 1959, pp 93-99.

Change in Structure and Properties of Aluminum and Its Alloys When Treated With Ultrasonic Vibrations, by M. B. Al'tman, et al. 
RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, Metal i Toplivo, No 3, May/June 1959, pp 88-91.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, Metal i Toplivo, No 3, May/June 1959, pp 150, 151.


Scientific Minerals/Metals (Contd)


Peculiarities of Transformations During Rapid Recrystallization of Steel, by F. K. L'vov. RUSSIAN, per, Nauch Dok Vyssshey Shkoly, Metal, No 1, Jan/Mar 1959, pp 203-205.

Liquid Steel Forging, by I. Savin, 11 pp. RUSSIAN, per, Teknika Molodezh, No 4, 1958, pp 17, 18.


The Centrifugal Separation of Coal. RUSSIAN, per, Tsentrubezhnoye Obogashchenie Uglev, 1956, p 22.

Scientific Minerals/Metals (Contd)

Classifying Zinc Ashes, by A. P. Smurnikov.

RUSSIAN, per, Tsvetnyye Metally, Vol XXXI, No 3, 1958, pp 30-38.

RUSSIAN, per, Tsvetnyye Metally, Vol XXXI, No 4, 1958, pp 29-34.

RUSSIAN, per, Tsvetnyye Metally, Vol XXXI, No 10, 1958, pp 78-80.

Metalloceramic Titanium Base Alloys, by N. N. Timoshenko, B. A. Borok, Ye. V. Petunina, et al.
RUSSIAN, per, Tsvetnyye Metally, No 3, 1960, pp 68-74.

The Use of Staining Methods in Metallography of Fe-Cr Alloys, by S. A. Kiseleva, et al.
RUSSIAN, per, Zvod Lab, Vol XXV, No 5, 1959, pp 570, 571.

CHINESE, per, K'o-hsueh T'ung-pao, No 5, 1960, pp 146-149.

FRENCH, 1957.
Protection of Uranium by Electrodeposition of Nickel and Diffusion, by G. Chauvin, H. Coriou, J. Hure.
FRENCH, bk, Colloque sur la Diffusion a L'etat Solide, pp 119-131. *AEC


Condition of Fixation of Radioactive Sulfur at the Surface of Iron Samples and Consequences for Study of the Corrosion of Ferrous Alloys, by B. Le Boucher, C. Libanati, P. Lacombe.
FRENCH, np, Brussels, 14-17 Oct 1959. *AEC

FRENCH, np, Brussels, 14-17 Oct 1959. *AEC

Fundamental Research on Corrosion and Applications, by M. Pourbaix.
FRENCH, np, Brussels, 14-17 Oct 1959. *AEC

Contribution to the Study of the Forgeability of Steels, by G. Remy.
FRENCH, per, Centre Doc Sider, Circ Inform Tech, No 12, 1955, pp 2413-2419. BISI 1687

FRENCH, per, Circ d'Inform Tech, No 8, 1958, pp 1601-1622. *B'SI 1681
The Law of Oxidation of Metallic Cerium, Generalization to Other Metals, by Jean Loriers, 5 pp.

Application of Electronics to the Sorting of Uranium Ores. Control and Regulation of Characteristics of These Ores at Different Stages of Concentration, by J. Berbezier, G. Hubert, M. Ferulli.

GERMAN, per, Acta Tech Acad Sci Hung 21, 1958, pp 123-139.

GERMAN, per, Arch fuer das Eisenhuettenwesen, Vol XXIX, No 4, 1958, pp 231-234.

The Distribution of Copper and Tin Between Molten Iron and Lead and the Effect of Other Elements on It, by H. Schenek, W. Prieker.
GERMAN, per, Arch fuer das Eisenhuettenwesen, Nov 1959, pp 241-248.

Technical and Mechanical Properties of Differently Decarburized Basic Converter Steels, by R. Rosegger.
GERMAN, per, Berg und Huttenmann Monatshefte, No 9, 1958, pp 163-173.

Effect of Cooling and Speed of Billet Movement in Continuous Casting Upon Homogeneity of Carbon Constructional Steel, by F. Leitner, R. Rosegger.
Scientific Minerals/Metals (Contd)

GERMAN, per, Helv Physica, No 2, 1959, pp 156-158.

Observations Made During Electrolytic Polishing of Metals, by H. Mohlberger.

Effect of Prestressing (Residual Stresses) Upon the Behaviour of Rimmed Basic Converter Steel Subjected to hot Dipping, by H. Wiegand, F. Nieth.
GERMAN, per, Metalloberflache, Nov 1959, pp 346-350.

Heat Migration Through the Outer Metal Oxide Layer During the Dissociation of Lumpy Carbonates, by Balazsovics.
GERMAN, per, Radex Rundschau, Dec 1959, pp 714-721.

Approximating Equilibrium Conditions in the Molten Pools of Metal and Slag in Arc Welding, by W. M. Conn.
GERMAN, per, Schweissen und Schneiden, No 5, 1958, pp 174-181.

The Influence of Primary Band Spacing and the Austenitic Grain Size on the Formation of the Ferrite-Pearlite Banded Structure, by U. Wyss.
GERMAN, per, Schweizer Archiv, No 9, 1956, pp 254-260.

Scientific
Minerals/Metals (Contd)

GERMAN, per, Stahl und Eisen, Vol LXXIX, No 13, 1959, pp 905-917.

Basic Considerations, Influencing Factors and Definitions; Development of Surface Quality in Hot Working (Ehrhardt Process), by H. Muehlenweg.
GERMAN, per, Stahl und Eisen, 26 Nov 1959, pp 1792-1800.

Materials With High Strength at Elevated Temperatures for Precision Investment Castings, by R. Schwalbe.
GERMAN, per, Stahl und Eisen, Jan 1960, pp 36-45.


Applicability of Blast Furnace Slag as an Aggregate to Hot Bituminous Mixtures Used in the Construction of Roads, by A. Send.
GERMAN, per, Stahl und Eisen, 3 Mar 1960, pp 290-296.

GERMAN, per, Stahl und Eisen, 17 Mar 1960, pp 325-337.


The Practical Evaluation of Internal Stresses, by E. Houdremont, H. Scholl.

Availability, Production and Consumption of Uranium, by F. Ippolito.
ITALIAN, per, Industria Mineraria, Vol X, No 9, 1959.


Scientific
Nuclear Physics

RUSSIAN, ox, Moscow, 1957, 149 pp.
9048095-C


Forming the Magnetic Field of a Cyclotron With a Space Variation, by V. I. Danilov, V. P. Dmitrievskiy, N. L. Zaplatin, et al.

RUSSIAN, rpt, Joint Inst for Nuclear Research, Dubna, USSR, Lab of Nuclear Problems, 1959.

RUSSIAN, bk, Spektrometriya Bystrykh Neitronov, 1958.

RUSSIAN, per, 1957.

Scientific Nuclear Physics (Contd)


The Reflection of Neutrons of Various Energies by Paraffin and by Water, by A. M. Kogan, et al.
RUSSIAN, per, Atomnaya Energ., Vol VII, No 4, 1959, pp 385, 386.

A Comparative Method of Graphite Testing for Nuclear Reactors, by I. F. Zhezherun.

Radioactive Fall-Out After the Cessation of Nuclear Explosions.
RUSSIAN, per, Atomnaya Energ., Vol VII, No 5, 1959, pp 480, 481.

The External &-Ray Dose From Fission Products in Fall-Out, by V. P. Shvedov, et al.
RUSSIAN, per, Atomnaya Energ., Vol VII, No 6, 1959, pp 544, 545.

Calculations of the External &-Ray Dose From Fall-Out, by L. I. Gedenov, et al.
RUSSIAN, per, Atomnaya Energ., Vol VII, No 6, 1959, pp 545-547.

Creep in Hot Rolled Uranium, by G. Y. Sergeyev, A. M. Kaptelteev.
RUSSIAN, per, Atomnaya Energ., Vol VII, No 6, 1959, pp 558-600.


Volume Changes Caused in an Irradiation Metal by Nuclear Reactions and by Thermal Effects, by Y. I. Reuney.
Modification of the Surface of Lamp-Black by Ionizing Radiation, by N. N. Lezhnev, et al.

The Effects of Nuclear Radiations on Gas Reactions, by S. Y. Pshezhelskiy.
RUSSIAN, per, Khim Nauk Prom, No 4, 1959, pp 509-515.


RUSSIAN, per, Pribory i Tekh Eksper, No 2, 1959, Moscow, pp 27-30.

Ultraviolet Radiation Converters in Gas Scintillation Counters, by A. N. Protopov, et al.
RUSSIAN, per, Prib Tekh Eksper, No 4, 1959, pp 66-69.

The Absorption of Alpha Particles in Filter Paper and in Membrane Ultrafilters, by Zenon Starcuk, Jaroslav Kutzendorfer, 7 pp.

FRENCH, np, Brussels, 21-25 Sep 1959.

FRENCH, np, Brussels, 21-25 Sep 1959.
Scientific Nuclear Physics (Contd)


Scientific
Nuclear Physics (Contd)


Scientific
Nuclear Physics (Cont'd)

The Simulation of Large Nuclear Power Stations, by Denise Bettembourg, Max Deat.
FRENCH, per, Comptes Rendus du "Colloque International sur L'Electronique Nucleaire"

A Problem of an Accident to the Cooling in the EL-3 Reactor, by G. Bianchi, J. Brasseur, C. Caillet, M. Thonnet.
FRENCH, per, Comptes Rendus du "Colloque International sur L'Electronique Nucleaire"

Study of the EDF-1 Nuclear Center by Means of an Analog Computer or Differential Analyser, by G. Deloux, M. Kleinpeter, L. Laurent.
FRENCH, per, Comptes Rendus du "Colloque International sur L'Electronique Nucleaire"

Analog Study of Pressurized Water Reactors and of Associated Nuclear Plants, by J. D. Le Franc.
FRENCH, per, Comptes Rendus du "Colloque International sur L'Electronique Nucleaire"

FRENCH, per, Comptes Rendus du "Colloque International sur L'Electronique Nucleaire"
Scientific Nuclear Physics (Contd)


Differential Ionization Chamber for the Measurement of the Activity of Radioactive Gas, by J. Marvaud.

Centralization and Analysis of Measurements in a Nuclear Power Plant With Gas Reactor, by Jean G. Auricoste.

Interest of Magnetic Recording in Nuclear Physics, by A. Pages.

Treatment of the Results in Reactor Control, by E. Picard.
FRENCH, per, Energia Nucleare, Vol VI, No 8, 1959.

GERMAN, nine papers.


Investigations of the Possible Deflection of Thermal Neutron Beams, by H. Volker, 17 pp.
GERMAN, per, Atomkernenergie, No 3, (395), 1958, pp 389-394. 905458B

Measuring Instruments for Nuclear Physics, by W. Hartmann, 16 pp.
GERMAN, per, Feingerstetechnik, Vol VIII, No 2, pp 72-77.

Mechanism of \( (n,2n) \) Reaction of Be-9 and Differential Cross Section for \( \theta = 90^\circ \) at Neutron Energy of 3.7 Mev, by F. Huber, R. Wagner, 4 pp.


- 216 -
Scientific
Nuclear Physics (Cont'd)

The Advent of Nuclear Propulsion and Missiles on the Sea, by Admiral Corso Pecori-Giraldi, 11 pp.
ITALIAN, rpt, 4 Feb 1960. Navy/OMI 5089053

The Separation of Uranium Isotopes, by P. Caldirola, R. Fiocchi.
ITALIAN, bk, Comitato Nazionale per le Ricerche Nucleari, Centro di Studi Nucleari di Ispra, 170 pp. *AEC

POLISH, per, Nukleonik, Vol I, No 8, 1958, pp 305-314. *AEC
Scientific Physics

Calculation of Thermodynamic Functions From Molecular Data, by Ivan Nicolaivich Godnev.
RUSSIAN, bk, 1956, 339 pp. AEC Tr-3855

Radiometry, by V. N. Baranov.

Collection of Papers of the Second All-Union Scientific-Technical Conference on the Use of Radioactive and Stable Isotopes and Radiation in the National Economy and Science. Isotopes and Radiation in Chemistry, 4-12 Apr 1957.
RUSSIAN, bk, 1958, p 380. #AEC

Mean Number of Prompt Fission Neutrons in $^{235}$U and $^{232}$Th, by B. D. Kuz'minov, 9 pp.
RUSSIAN, rpt, Nov 1959. AEC Tr-3944

RUSSIAN, rpt, Nov 1959. AEC Tr-3946

RUSSIAN, bk, Acad of Sci Press, Moscow, 1953. AEC AFCRC-TR-59-162

RUSSIAN, bk, Fizicheskaya Gazodinamika, pp 39-58. ARS Apr 60

Concerning the Problem of the Influence of Internal Degrees of Freedom of Particles on the Transport Coefficients of a Multicomponent Mixture of Gases, by E. V. Samuilov, 6 pp.
RUSSIAN, bk, Fizicheskaya Gazodinamika, pp 59-69. ARS Apr 60

- 218 -

RUSSIAN, bk, Inzestvennye Sputniki Zemli, No 3, 1959, pp 77-83.


Optics in Equipments for the Utilization of Solar Energy, by V. B. Weinberg.
RUSSIAN, bk, Optika v Ustanovakh dlya Primeneniy Solnechnoy Energii, 1959, 236 pp.


Theoretical Principles of Phototelegraphy, by Y. L. Orlovslyi.
RUSSIAN, bk, Teoreticheskiye Osnovy Fototelegrafirovaniya, 1957, pp 1-702.
Scientific Physics (Contd)

RUSSIAN, bk, Teploperedacha i Teplovoye Modelirovaniye, 1959, pp 107-121.

Heat Transfer With Cross Flow of Different Fluids Over Banks of Tubes, by V. P. Isachenko.
RUSSIAN, bk, Teploperedacha i Teplovoye Modelirovaniye, 1959, pp 213-225.

Heat Emission During Free Movement of Various Fluids, by I. M. Mikheyeva.
RUSSIAN, bk, Teploperedacha i Teplovoye Modelirovaniye, 1959, pp 225-235.

RUSSIAN, bk, Teploperedacha i Teplovoye Modelirovaniye, 1959, pp 239-271.

Investigation of Heat Transfer During Condensation of Vapour on Vertical Tubes, by N. V. Zozulya.
RUSSIAN, bk, Teploperedacha i Teplovoye Modelirovaniye, 1959, pp 287-297.


Experimental Determination of True Specific Heats of Uranium, Thorium, and Other Metals, by E. A. Mit'kina, 5 pp.

Scientific Physics (Contd)

About the Possibility of the Application of Color Reaction on Carotinoids in Plant Tissues, by E. V. Budnitskaya, K. E. Ovcharov, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXIV, 1950, pp 779, 780.


RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXXVIII, No 2, 1953, pp 301-304.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCII, No 2, 1953, pp 349-352.

Interaction of Zinc Containing Matte and Slag Phases and Distribution of Zinc Between Them, by A. I. Okuniev, V. A. Aglitskiy.

Measurement of Vapour Pressure Above Solid Antimony by the Tracer-Atom Technique, by A. N. Nesmeyanov, B. Z. Iofa.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCVIII, No 6, 1954, pp 993-995.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCIV, No 6, 1954, pp 1101-1104.

- 221 -
Scientific Physics (Contd)

The Nature of the Thermal Conductivity Polytherm of Water in the Range of 10 to 50°C, by V. P. Frontes'tev.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXI, No 5, 1956, pp 1014-1016.

The Coagulation of Aerosol Particles in a Sound Field Under the Action of Oseen Hydrodynamic Forces, by S. V. Pshenay-Severin.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXV, No 4, 1959, pp 175-178.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVI, No 6, 1959, pp 1292-1293.

Thermal Decomposition of Explosives Below the Melting Point, by G. B. Manelis, F. I. Dubovitskiy.

An X-Ray Investigation of Synthetic Rare Earth Compounds of the Type TRN5O6, by A. I. Komkov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 1, 1959, pp 133-140.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 5, 1959, pp 1035-1037.


Small Vibrations of Thin, Elastic Conical Shells, by E. I. Grigolyuk, 16 pp. RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, No 6, 1956, pp 35-44.


Scientific Physics (Contd)

The Structural Changes in and Antiferromagnetic Properties of Ni₃Fe and Other Fe-Ni Alloys, by M. V. Dekhtyar.
RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, No 3, 1959, pp 271-279.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, No 3, 1959, pp 280-284.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz, No 11, 1959, pp 1656-1664.

A Method of Measuring Charges and Sizes of Aerosol Particles From an Airplane, by G. D. Petrov.
RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz, No 11, 1959, pp 1665-1669.


RUSSIAN, per, Iz Vysshikh Ucheb Zaved MVO, Aviationnaya Tekh, No 2, 1959, pp 122-133.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Chern Metal, No 4, 1959, pp 73-78.

- 224 -
Scientific Physics (Contd)

On the Method of Growing Alkali Halide Crystals From a Melt, by V. D. Kuchin, 7 pp.
RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Fiz, No 2, Tomsk, 1958, pp 117-120.

Theory of Non-Radiative Transitions in an F-Center, by V. A. Kovarskiy.
RUSSIAN, per, Optika i Spektroskopiya, Vol V, No 2, 1958, pp 222-224.

Spectrophone With Multiple Passage of Radiation, by P. V. Slobodskaya, 5 pp.
RUSSIAN, per, Optika i Spektroskopiya, Vol V, No 3, 1958, pp 342, 343.

Negative Hydrogen in Ion Source, by A. V. Almazov.
RUSSIAN, per, Pribory i Tekh Eksper, No 5, 1957, pp 54-58.

RUSSIAN, per, Pribory i Tekh Eksper, No 6, 1957, pp 22-30.

RUSSIAN, per, Pribory i Tekh Eksper, No 6, 1957, pp 72-74.

RUSSIAN, per, Pribory i Tekh Eksper, No 1, 1959, pp 135, 136.

Application of Quadratic Nonlinearity in a Strong Focusing Accelerator, by Yu. F. Orlov, 9 pp.
RUSSIAN, per, Pribory i Tekh Eksper, No 2, 1959, pp 8-11.
Measurement of Particle Distribution
According to Amplitude of Radial-Phase
Oscillations, by K. A. Belovintsev, B. N.
Yablokov, 8 pp.
RUSSIAN, per, Pribory i Tekh Eksper, No 2,
1959, pp 12-15. USASIA SC-59b/59

Instrument For Measuring the Intensity Dis-
tribution in a Widened Pulse of Gamma-
Radiation of a Synchrotron, by K. A. Belovintsev,
C. A. Karpukhin, A. V. Kutsenko, A. A. Shapkin,
B. N. Yablokov, 7 pp.
RUSSIAN, per, Pribory i Tekh Eksper, No 2,
1959, pp 15-18. USASIA SC-59c/59

Observation of the Shape of Lines in Purely
Quadrupole Resonance, by V. G. Grechishkin,
5 pp.
RUSSIAN, per, Pribory i Tekh Eksper, No 2,
1959, pp 31-33. USASIA SC-59a/59

Stability of Rotating Ferromagnetic Bodies
Suspended in a Magnetic Field, by V. V.
RUSSIAN, per, Pribory i Tekh Eksper, No 2,
1959, pp 41-45. USASIA SC-59k/59

Automatic "Phase" Spectrophotometer for the
0.21-2.5 Micron Region, by V. I. Dianov-
Klokov, 8 pp.
RUSSIAN, per, Pribory i Tekh Eksper, No 2,
1959, pp 45-49. USASIA SC-591/59

Experimental Model of a Phase Fluorometer*, by
A. M. Bouch-Bruyevich, I. V. Karazin, V. A.
Melchakov, V. I. Shirokov, 8 pp.
RUSSIAN, per, Pribory i Tekh Eksper, No 2,
1959, pp 53-56. USASIA SC-59a/59

Equipment for Investigating Transient Processes
of Semiconductor Surfaces, by O. V. Sorokin,
19 pp.
RUSSIAN, per, Pribory i Tekh Eksper, No 2,
1959, pp 66-75. USASIA SC-59a/59

Radioactive Ionization Gage For a High Vacuum,
by A. I. Akiabin, 4 pp.
RUSSIAN, per, Pribory i Tekh Eksper, No 2,
1959, pp 78-80. USASIA SC-59a/59

- 226 -
Scientific Physics (Contd)

EDI-454 Diascope Projector, 2 pp.
RUSSIAN, per, Pribory i Tekh Eksper, No 2, 1959, p 158.

RUSSIAN, per, Sbornik Nauch Trudy: Fiz Inst AN Belorussskoy SSR, No 4, 1958, pp 196-212.

RUSSIAN, np, Sovet Aviatsiya, No 183, 6 Aug 1958, p 3.

RUSSIAN, per, Steklo i Keramika, Vol XLIV, No 6, 1954, pp 4-7.

The Determination of the Rate Value of a Defect in a Weld Joint by X-Ray Photography, by K. G. Goracheva.
RUSSIAN, per, Svaroch Proiz, No 1, 1958, pp 12-14.

Some Regular Features in the Carry-Over of Weak Minerals Acids Into Saturated Steam, by M. A. Styrikovich, et al.
RUSSIAN, per, Teplosenergetika, No 9, 1959, pp 50-56.


The Accuracy of the Determination of Angles With the Aid of an Azimuthal Apparatus With Inclined Seismographs, by V. N. Gaiskiy.

- 227 -
Testing of the Mechanical Seismographs
CMP-II (SSR-II) in Order to Evaluate the
Dimensions of a Seismically Dangerous
Zone During a Massive Explosion, by V. I.
Bune, A. A. Kon'kov.
RUSSIAN, per, Trudy, Sbornik Statei i Dokladov,
II, Vol LXXI, 1957, pp 47-58; Akademiya Nauk
Tadjikskoy SSR, Institut Seismologii.

Establishment of a Standard Copy of the New
Basic Light Standard for a Unit of Light
Flux, by V. E. Kartashevskaya.
RUSSIAN, per, Trudy, VNIIM, Vol LXVIII, No 8,
1949, pp 45-59.

Determination of Plasma Parameters in Inert
RUSSIAN, per, Vest Lenin U, Vol XII, No 16,

Theory of Solutions, by M. I. Shakhparonov.
RUSSIAN, per, Vest Moskov Univ, Vol IX, No 5,
Ser Fiz-Mat i Estestven Nauk, No 3, 1954,
pp 55-59.

The DFS-10 Multi-Channel Photoelectric
Apparatus for Emission Spectroscopy, by M. V.
Iabachev, et al.
RUSSIAN, per, Zavod Lab, No 8, 1959,
pp 1011-1013.

A Microscope Attachment for Use in Emission
Spectroscopy, by N. V. Kosolev.
RUSSIAN, per, Zavod Lab, No 8, 1959,
pp 1014-1016.

Methods of Examining Fracture Surfaces in
the Electron Microscope, by L. G. Orlov, et al.
RUSSIAN, per, Zavod Lab, No 9, 1959, pp 1084-
1087.

Electron-Microscopy of Structures in Fractures,
by G. V. Estulin.
RUSSIAN, per, Zavod Lab, No 9, 1959,
pp 1087-1089.
Investigation of the Paramagnetism of Atomic Nuclei by the Method of Magnetic Spin Resonance, by S. D. Gvozdover, A. A. Magazanik.


Answer to G. K. Boreskov, by N. I. Kobozev.

The Magnitude of the Surface and the Catalytic Activity of Platinum Deposited on Silica Gel, by G. K. Boreskov.

Thermodynamically Equivalent Concentrations of Nitric Oxide, by E. N. Eremin, A. N. Mal'tsev.
Scientific

Physic (Contd)

Kinetic Features of the Oxidation of Cyclohexane in the Presence of Cobalt Stearate, by E. T. Denisov, N. M. Emanuel.


Correlations in the Selection of Solid Catalysts. I. Relationships Between Catalysts of Homogeneous and Heterogeneous Reactions of the Acid-Base Type, by I. I. Ioffe, S. Z. Roginskiy.


Sorption of Methanol Vapor on Dehydration Catalysts Over a Wide Range of Temperatures, by I. V. Smirnova, et al.

Tetramethylethylene -- A New Inhibitor and Initiator for the Cracking of Paraffinic Hydrocarbons, by A. D. Stepukhovich, et al.


Scientific
Physics (Cont'd)

CHINESE, per, K'o-hueh T'ung-pao, Nov 18, 28 Sep 1959, pp 568-571.

The Study of Solid Emitters, Achievement During the Big Leap Forward, 5 pp.
CHINESE, per, K'o-hueh Hsin-wen, No 34, 28 Oct 1959, p 12.

CROATIAN, per, Yugoslav Life, Jan 1960.

CZECH, rpt, Sbornik-Statniho Vyzkumeho Ustavu TepelRine Techniky, 1958, pp 103-125.

CZECH, per, Hutnicke Listy, Vol XII, 1957, pp 1008-1020.

Czechoslovak Geiger-Muller Tubes, by J. Machovec, 3 pp.
CZECH, per, Sdelovaci Technika, No 6, 1959, p 220.

A General Formulation of the Diffusion Coefficient in a Heterogeneous Medium Which May Contain Cavities, by P. Benoist.
FRENCH, rpt, 2 Dec 1958.

Study of the Fixation and Migration of Radioactive Cations in a Natural Ion Exchanger, by L. Baetsle.
FRENCH, rpt, Oct 1959.
Scientific
Physics (Contd)

Pressure Transducers and Miniature Manometers Applicable in Wind Tunnels and in Flight, by M. Basliers.

Capacitance Manometer for the Measurement of Rapidly Varying Pressures, by A. Moutet.
FRENCH, bk, Manometre a Capacite Pour la Mesure des Pressions Rapidement Variables, AGARD Report 172, 1959, pp 1-4. *AEC

FRENCH, rpt, Commissariat a l'Energie Atomique (CEN/S/PA/RM-1), 27 Jan 1975. AEC TR-3699

Health Physics Control of the BR-2, by C. Brooke, R. Schayes, 8 pp.
FRENCH, np, Brussels, 21-25 Sep 1959. *AEC

FRENCH, np, Brussels, 21-25 Sep 1959. *AEC

Desirability of Measuring Experimentally the Activation of Various Types of Steel for Reactor Vessels, by Pierre Malague, 10 pp.
FRENCH, np, Brussels, 21-25 Sep 1959. *AEC

FRENCH, np, Brussels, 21-25 Sep 1959. *AEC

FRENCH, np, Brussels, 21-25 Sep 1959. *AEC

- 233 -


Scientific Physics (Cont’d)


Scientific
Physics (Contd)

Resolving Power of a Photographic Emulsion,
by V. Blumova, J. Hrdlicka, 20 pp.
FRENCH, per, Revue d'Optique, Theorique et Instrumentale, No 6, 1957, pp 251-271.

Determination of Refractive Indices of
Some Liquids in the Infrared by an Inter-
ferometric Method, by J. Vincent-Geisse,
J. Lecomte, 16 pp.
FRENCH, per, Revue d'Optique, Vol XXVII, No 6, 1958, pp 281-328.

Application of the Elliptical Functions to
Problems of Electrostatics, (Excerpt), by F.
Oberhettinger, W. Magnus, 20 pp.
GERMAN, rpt, Anwendung der Elliptischen
Funktionen in Physik und Technik, Chap III,

Flame Photometry, by Pietzka, Chun.
GERMAN, per, Angew Chem, Vol LXXI, No 8,
1959, pp 276-283.

Magnetic Investigations of Mixed Crystals
Containing Gold With Titanium and Vanadium,
by E. Vogt, D. Gerstenberg,
GERMAN, per, Annalen der Physik, Vol IV, No 7,

New Metallic-Ion Catalytic Processes,
Especially in the Rare-Earth Metal Region,
and Their Effects on Cell Processes, by
Heinz Trapmann.
GERMAN, per, Arzneimittel-Forschung, Vol IX,

Unstable Oscillations by Boiling Water
Reactors, by M. Ledinegg.
GERMAN, per, Atomkernenergie, Vol IX, 1959,
pp 132-135.

Continuous Measurement of the Radioactive
Aerosol Content of the Air, by W. Buchner.
GERMAN, per, Atompraxis, Vol III, 1957,
pp 382-386.

- 238 -
Scientific

Physics (Contd)


Fault Location in Sheets by Ultrasonic Plate Waves, by H. Wiegand, H. Hentze. GERMAN, per, Materialpruef, No 2, 1960, pp. 45-50.


Tearing Test Time and the Number of Results, by S. Kleinheins. GERMAN, per, Textil Praxis, Vol XI, 1956, pp. 1112-1115.

Scientific Physics (Contd)

Air as Cooling Agent in Condensing Systems in Steam Power Stations and in Process Plants.
GERMAN, per, VDI Z., Vol CII, No 1, 1960, pp 9, 10.

GERMAN, per, Wissenschaft Veroffentlichungen aus den Siemens-Werkens, Vol XV, 1936, pp 1-17. 9054586


Enrichment of Isotopic Molecules in the D.c.-Glow Discharge. III. The Primary Effect. Determination of Relative Ion Frequencies in the Discharge Plasma by Mass Spectrometry, by H. D. Beckey, H. Dreeskamp.

GERMAN, per, Z Naturforsch, Vol XIIa, 1957, pp 1006-1013.

Diffusion of Radioactive Rare Gas in Uranium Oxide and Uranium Monocarbide, by R. Lindner, H. Matzke.
GERMAN, per, Z fuer Naturforschung, Vol XIVa, 1959, p 1074.

Scientific
Physics (Contd)

On the Mechanism of High-Frequency
Discharge, by E. Beck.
GERMAN, per. Z Physik. Vol XCVII, 1935,
pp 355-375. AEC Tr-3984

On the Fundamental Law of the Physical
Effects of X-Rays of Varying Wavelengths.
(Part II), by R. Glocker, 22 pp.
GERMAN, per. Z Physik, Vol CXCVI, No 3,
1953, pp 352-365. AEC UF-Tr-321

On the Characteristics of Cylindrical Arcs,
by H. Maecker.
GERMAN, per, Z fuer Physik, Vol CLVII, 1959,
pp 1-29. *AEC

Calculation and Measurement of the Thermal
Conductivity of Nitrogen up to 13000° K,
by F. Burhorn.
GERMAN, per, Z fuer Physik, Vol CLV, 1959,
pp 42-58. *AEC

Surface Determinations and Diffusion Measure-
ments by Means of Radioactive Inert Gases,
(Practice and Quantitative Use of the
Emanation Method). II. Evaluation of the
Measurements, by K. E. Zimens.
GERMAN, per. Z Physik Chem, Vol CXCII, 1942,
pp 95-128. AEC Tr-3911

Methods for the Separation of Gases and
Isotopic Mixtures, by Jens Christiansen,
Karl-Friedrich Leisinger.
GERMAN, Patent No 1,055,508, 1960. *AEC

The Reaction Between the Fe³ Ion and Phosphoric
Acid, by Giovanni D'Amore.
ITALIAN, per. Atti Della Societa Peloritana,

Chromatography of Dinitrophenols, by Tsuguo
Kojima, Furusaka Wataru.
JAPANESE, per, Japan Analyst, Vol IX, No 1,
1960, pp 33-37. *AEC
Observation of Sound Wave Form of the Supersonic Cavitation Phenomenon, by Motoyoshi Okushima, Junichi Saneyoshi, 5 pp.

Directionality of Reflection From a Reflector of Three Orthogonal Discs, by Junichi Saneyoshi, Yoneo Tsuda, 5 pp.

Some Applications of the Variational Method for the Neutron Thermalization Problems, by A. Shimizu.


Natural Systematics of Elements (1-100), by C. G. Bedreag.

SWEDISH, paper, Aug 1959.

Automatic Testing of Weldments by Ultrasonics, by A. de Sterke.

Determining Soil Density by Radioactive Isotopes, by A. A. Vasilenko, (ID 2124131), 9 pp.

Directed Onto the Moon, by V. Pavlov. 
RUSSIAN. 


RUSSIAN, per, Dok Ak Nauk SSR, Vol CXXVII, No 1, 1959, pp 78-81. 

The Soviet Union Opens Up a Way to the Cosmos, by T. Mel'kinov, (DC-3907). 
RUSSIAN, per, Molodoi Kommunist, No 2, 1960, pp 56-62. 

RUSSIAN, up, Pravda, No 60, 1 Mar 1959, p 4. 

RUSSIAN, per, Priroda, No 1, 1959, pp 57-64. 

First Flight to the Moon, 15 pp. 
RUSSIAN, per, Priroda, No 10, 1959, pp 1-7. 

---

RUSSIAN, up, Pravda, No 60, 1 Mar 1959, p 4. 

RUSSIAN, per, Priroda, No 1, 1959, pp 57-64. 

First Flight to the Moon, 15 pp. 
RUSSIAN, per, Priroda, No 10, 1959, pp 1-7.
Scientific
Space Research (Contd)

Sputniks and Weather, 4 pp.
RUSSIAN, np, Sovet Aviantiya, 9 Feb
1960, p 3.

From Rockets to the Sputnik, by A.
Mindeyan, 4 pp.
RUSSIAN, per, Sovet Flot, 16 Jan
1960, p 4.

(Science for the Masses) Observing
Outer Space With Radio, by Wu Husi-wei,
4 pp. (ID 2128963)
CHINESE, per, Ko-hsueh Ta-Chung, No 10,
1959, p 435.

The O.N.E.R.A. Trajectograph, Radio-
Electric Process for the Reproduction
of the Trajectories of Models and Guided
Missiles in Frec Flight, by J. Zakheim,
15 pp.
FRENCH, per, Electronique Industrielle,

AP 1419493

Navy 2471/ONI 685

ACSI H-6000

USASIA Tr Log No 1033
Scientific
Miscellaneous

RUSSIAN, bk, Kibernetika Nastoyashchego i Budushchego, 1959, 191 pp.

RUSSIAN, monograph, Pomyatiye i Slovo, 1958, pp 1-124

From the Academy of Sciences Azerbaydzhan SSR, by Yu. G. Mamedlyyev, M. A. Kasakay, (DC-3791).
RUSSIAN, np, Bakinskiy Rabochiy, 3, 4 Dec 1959, p 3.

RUSSIAN, per, Bibliotekar, No 9, 1959, pp 47-51.

RUSSIAN, per, Iz Ak Nauk Latviyskoy SSR, No 1, Riga, 1960, pp 5-15.

RUSSIAN, per, Iz Sibirskogo Otdel Ak Nauk SSSR, No 10, 1959, pp 5-14.

Development of Science in the Siberian Branch of the Academy of Sciences USSR, (NY-3956).
RUSSIAN, per, Iz Sibirskogo Otdel Ak Nauk SSSR, No 1, 1960, pp 3-16.

Dissertations for Degrees in Science and Engineering Defended at USSR Higher Educational Institutions, 68 pp.

- 246 -
Scientific Miscellaneous (Contd)

RUSSIAN, per, Knizh Letopis, No 24-27, 1958.  

Brotherly Cooperation (Between the USSR and China), by Chu K'e-ch'eng, (DC-3734).
RUSSIAN, per, Nauka Zhizni, No 9, 1959, pp 2-8, 12.  

Technical Progress and Science, (DC-3704).
RUSSIAN, per, Priroda, Vol XLVIII, No 8, 1959, pp 3-10.  

RUSSIAN, per, Priroda, Vol XLVIII, No 9, 1959, pp 3-10.  

RUSSIAN, per, Problemy Peredachi Informatsiy, No 2, 1959, pp 57-64.  

RUSSIAN, per, Problemy Peredachi Informatsiy, No 2, 1959, pp 65-72.  

Device for Recording Images on Punched Tape, by D. S. Lebedev, (DC-3901/23).
RUSSIAN, per, Problemy Peredachi Informatsiy, No 2, 1959, pp 73-77.  

RUSSIAN, per, Vest Vysshey Shkoly, Vol XVII, No 7, 1959, pp 91-94.  

Science, Technological Progress and Labor, by V. Nemchenko, (DC-3706).
RUSSIAN, per, V Pomoshch Politicheskomu Samoobrazovaniyu, Vol III, No 4, 1959, pp 75-86.
Scientific
Miscellaneous (Contd)

Principle of Classification of Simple Sentences in Vietnamese, by Tu K. Lekomtsev, (DC-3901/21).
RUSSIAN, per, Voprosy Yazykoznaniya, No 1, 1960, pp 52-59.

RUSSIAN, per, Voprosy Yazykoznaniya, No 1, 1960, pp 100-110.

RUSSIAN, per, Voprosy Yazykoznaniya, No 1, 1960, pp 111-115.


Academy of Sciences Belorussian SSR, (DC-3748).

Creation of the Academy of Sciences Belorussian SSR, (DC-3748).
BELORUSSIAN, bk, Akademiya Navuk Belaruskay SSR, 1958, pp 13-16.


Academicians of the Academy of Sciences, Belorussian SSR, (DC-3748).
Scientific Miscellaneous (Contd)

On the Activities of the Academy of Sciences BSSR During the Period 1957-1959, by F. P. Vinokurov, (DC-3784).
BELORUSSIAN, per, Vestsi Ak Navuk Bel-aruskay SSR - Seryya Fizika Tekhnichnykh Navuk, No 1, 1960, pp 5-26.

Development of Technical Sciences in China During the Past Decade, by Yen Chi-tz'u, (NY-3928).
CHINESE, per, K'o-hsueh T'ung-pao, No 18, 26 Sep 1959, pp 607-612.

Meeting on the Occasion of the Fifty Year Doctor Jubilee of Prof Dr Julius Meyer, Clausthal, May 9, 1950.

Scientific Achievements in the Fifteen Years of People's Poland, by T. Kotarbinski, (DC-3788).


General Meeting of the Members of the Polish Academy of Sciences, (DC-3788).
POLISH, per, Nauka Polska, Vol VIII, No 1 (29), 1960, pp 165-216.

New Members of the Polish Academy of Sciences, (DC-3788).
Scientific
Miscellaneous (Contd)

The Composition of the Polish Academy of Sciences, (DC-3788).

List of Scientific Positions, Committees and Commissions of the Polish Academy of Sciences, (DC-3788).

List of the Scientific Societies Supported by the Polish Academy of Sciences, (DC-3788).

Department of the Polish Academy of Sciences in Krakow, (DC-3788).

The All-Union Census and Its Significance for Ethnographic Studies, by V. V. Bondarenko, V. I. Naulko, 15 pp.
UKRAINIAN, per, Narodna Tvorchist' ta Etnografiya, Vol III, No 1, Kiev, Jan/Mar 1959, pp 14-21.

JPRS 2498
AUTHOR INDEX

-A-

Aaltonen, Aimo 55
Abanin, D. D. 196
Abramenko, V. V. 87
Abrosenkov, K. P. 19
Abrosimov, E. V. 201
Abu-el-Aiss, Mohammad Hussein 58
Acsadi, Gyorgy 52
Adler, Alfred 35
Adler, G. 113
Aerov, M. E. 106
Afanas'ev, A. V. 179
Agaletskiy, P. N. 162
Agamalyan, G. G. 28
Agapov, Boris 25
Ageykin, D. 123
Agiltskiy, V. A. 14
Agursova, N. V. 25
Ahmad-al-Rida, Hussein 60
Akhmenov, S. A. 119
Akimov, Yu. K. 121
Akishin, A. I. 226
Akopyan, A. A. 117
Aloum, Fernand 146
Albresch, Karl 112
Aleksandrov, B. S. 91
Aleksandrov, N. P. 15
Aleksandrov, Yu. A. 90
Aleksyeyev, S. V. 118
Aliyev, M. 97
Almarz, I. P. 95
Alimov, R. Z. 138
Aliyev, M. S. 139
Aliyev, V. S. 154
Almazov, A. V. 225
Al'shite, I. M. 135
Al'tmen, M. B. 200
Amanrich, R. 111
Amasia, C. 191
Ambartsumyan, S. A. 137
Amiraslanov, A. A. 3
Amram, Y. 126
Andreyev, I. A. 12
Andreyev, I. I. 142
Andreyev, K. K. 101
Andreyev, S. V. 171
Andreyev, V. M. 220
Andreyeva, M. P. 178
Andreyeva, V. V. 231
Andreyeva-Galanina, Ye. Ts. 171
Andryasova, K. I. 12
Andryukhina, E. D. 242
Andzhaperidze, O. G. 181
Anfimov, V. M. 143
Angelis, Karel 51
Anisimov, N. 7
Antonchik, Yu. I. 105
Antropov, O. F. 201
Antsyferov, M. S. 161
Appel, J. 134
Apin, A. Ye. 95
Arbuzov, B. A. 103
Arkhangel'skiy, B. A. 135
Arkhipov, A. 2
Arutunian, G. K. 180
Arsatyan, Ye. A. 156
Assonov, A. D. 135
Astakhov, N. V. 116
Astrov, D. N. 105
Atutov, P. R. 28
Auerbach, J. 131
Augustyn, T. 134
Auricoste, Jean G. 215
Aved, Kazim 59
Avdeyeva, A. V. 99
Averin, E. K. 220
Avramenko, L. I. 105
Ayrapet'yants, E. Sh. 166
Ayzenzhteyn, A. I. 120
Azerbayev, I. N. 153
<table>
<thead>
<tr>
<th>Name</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Babes, V.</td>
<td>88</td>
</tr>
<tr>
<td>Babikova, Yu. F.</td>
<td>198</td>
</tr>
<tr>
<td>Babos, Geyza</td>
<td>39</td>
</tr>
<tr>
<td>Bacq, Z. M.</td>
<td>187</td>
</tr>
<tr>
<td>Baetsle, L.</td>
<td>232</td>
</tr>
<tr>
<td>Babia, Jerzy</td>
<td>52</td>
</tr>
<tr>
<td>Bagie, Eric</td>
<td>150</td>
</tr>
<tr>
<td>Bahn, R.</td>
<td>148</td>
</tr>
<tr>
<td>Bakakina, A. A.</td>
<td>196</td>
</tr>
<tr>
<td>Bakuto, I. A.</td>
<td>227</td>
</tr>
<tr>
<td>Balanescu, Emil</td>
<td>45</td>
</tr>
<tr>
<td>Balassa, Janos</td>
<td>40</td>
</tr>
<tr>
<td>Balazovics</td>
<td>206</td>
</tr>
<tr>
<td>Belligand, M. P.</td>
<td>234</td>
</tr>
<tr>
<td>Bel'ashtrum, Ye. A.</td>
<td>170</td>
</tr>
<tr>
<td>Bandrabur, T.</td>
<td>44</td>
</tr>
<tr>
<td>Banfi, A.</td>
<td>191</td>
</tr>
<tr>
<td>Barac, C.</td>
<td>187</td>
</tr>
<tr>
<td>Barancv, P. A.</td>
<td>66</td>
</tr>
<tr>
<td>Baranov, V. I.</td>
<td>222</td>
</tr>
<tr>
<td>Baranov, V. N.</td>
<td>218</td>
</tr>
<tr>
<td>Bardin, I. P.</td>
<td>2</td>
</tr>
<tr>
<td>Barilenko, V. I.</td>
<td>124</td>
</tr>
<tr>
<td>Barilko, Sh. I.</td>
<td>120</td>
</tr>
<tr>
<td>Barinov, I. P.</td>
<td>196</td>
</tr>
<tr>
<td>Barke, V. N.</td>
<td>142</td>
</tr>
<tr>
<td>Barotitskaya, F. I.</td>
<td>4</td>
</tr>
<tr>
<td>Bartenev, G. M.</td>
<td>4</td>
</tr>
<tr>
<td>Bartoszewicz, Stanislaw</td>
<td>43</td>
</tr>
<tr>
<td>Bassakov, V. E.</td>
<td>25</td>
</tr>
<tr>
<td>Bassiere, M.</td>
<td>233</td>
</tr>
<tr>
<td>Bassin, F. V.</td>
<td>183</td>
</tr>
<tr>
<td>Batenin, I. V.</td>
<td>210</td>
</tr>
<tr>
<td>Batrakova, I. A.</td>
<td>154</td>
</tr>
<tr>
<td>Baturo, V. A.</td>
<td>104</td>
</tr>
<tr>
<td>Baum, V. A.</td>
<td>135</td>
</tr>
<tr>
<td>Bazhanov, L. N.</td>
<td>4</td>
</tr>
<tr>
<td>Bazhenov, M. F.</td>
<td>4</td>
</tr>
<tr>
<td>Bazunova, L. P.</td>
<td>182</td>
</tr>
<tr>
<td>Bazyilev, M. P.</td>
<td>180</td>
</tr>
<tr>
<td>Beck, H.</td>
<td>241</td>
</tr>
<tr>
<td>Beckey, R. D.</td>
<td>240</td>
</tr>
<tr>
<td>Bedreag, C. G.</td>
<td>242</td>
</tr>
<tr>
<td>Beider, S. Ya.</td>
<td>100</td>
</tr>
<tr>
<td>Beker, N.</td>
<td>109</td>
</tr>
<tr>
<td>Beklemishev, K. V.</td>
<td>88</td>
</tr>
<tr>
<td>Belikova, G. S.</td>
<td>92</td>
</tr>
<tr>
<td>Belinskii, N. A.</td>
<td>159</td>
</tr>
<tr>
<td>Belkin, V.</td>
<td>16</td>
</tr>
<tr>
<td>Belot, P. R.</td>
<td>234</td>
</tr>
<tr>
<td>Belotserkovskii, V.</td>
<td>160</td>
</tr>
<tr>
<td>Belov, P. A.</td>
<td>22</td>
</tr>
<tr>
<td>Belovintsev, K. A.</td>
<td>226</td>
</tr>
<tr>
<td>Belovitski, G. Ye.</td>
<td>120</td>
</tr>
<tr>
<td>Belter</td>
<td>148</td>
</tr>
<tr>
<td>Belyayev, L. M.</td>
<td>92</td>
</tr>
<tr>
<td>Belyayevskii, A. I.</td>
<td>121</td>
</tr>
<tr>
<td>Belyayevskii, N. A.</td>
<td>160</td>
</tr>
<tr>
<td>Belyustin, A. V.</td>
<td>91</td>
</tr>
<tr>
<td>Bendel, Friedrich</td>
<td>133</td>
</tr>
<tr>
<td>Benedek, Jeno</td>
<td>70</td>
</tr>
<tr>
<td>Benieventano, M.</td>
<td>145</td>
</tr>
<tr>
<td>Benoist, P.</td>
<td>232</td>
</tr>
<tr>
<td>Beraneck, J.</td>
<td>99</td>
</tr>
<tr>
<td>Berbezier, J.</td>
<td>205</td>
</tr>
<tr>
<td>Beregovskii, A. S.</td>
<td>222</td>
</tr>
<tr>
<td>Berezina, Yu. I.</td>
<td>65</td>
</tr>
<tr>
<td>Berg, T. G.</td>
<td>111</td>
</tr>
<tr>
<td>Bergamini, L.</td>
<td>190</td>
</tr>
<tr>
<td>Berger, A.</td>
<td>145</td>
</tr>
<tr>
<td>Bergh, J.</td>
<td>88</td>
</tr>
<tr>
<td>Berlovskii, A. Ya.</td>
<td>179</td>
</tr>
<tr>
<td>Bernard, J.</td>
<td>203</td>
</tr>
<tr>
<td>Bernas, Vitekslav</td>
<td>32</td>
</tr>
<tr>
<td>Bernavskii, V.</td>
<td>141</td>
</tr>
<tr>
<td>Bernsteinean, M. S.</td>
<td>24</td>
</tr>
<tr>
<td>Bertsat, F.</td>
<td>237</td>
</tr>
<tr>
<td>Besse, R.</td>
<td>233</td>
</tr>
<tr>
<td>Bessonov, S. V.</td>
<td>6</td>
</tr>
<tr>
<td>Bettembourg, Denise</td>
<td>214</td>
</tr>
<tr>
<td>Beus, A. A.</td>
<td>195</td>
</tr>
<tr>
<td>Beycer, P. Ya.</td>
<td>6</td>
</tr>
<tr>
<td>Bianchi, G.</td>
<td>214</td>
</tr>
<tr>
<td>Ribron, R.</td>
<td>110</td>
</tr>
<tr>
<td>Bielka, H.</td>
<td>187</td>
</tr>
<tr>
<td>Biermann, L.</td>
<td>85</td>
</tr>
<tr>
<td>Biro, Andras</td>
<td>113</td>
</tr>
<tr>
<td>Biro, Zoltan</td>
<td>40</td>
</tr>
<tr>
<td>Blagov, Yu. P.</td>
<td>224</td>
</tr>
<tr>
<td>Blanc, A.</td>
<td>111</td>
</tr>
<tr>
<td>Blasser, G.</td>
<td>211</td>
</tr>
<tr>
<td>Blinova, Ye. N.</td>
<td>157</td>
</tr>
</tbody>
</table>
Blumova, V. 238
Blyakhman, D. 2
Bobkov, I. 29
Bochagov, B. A. 225
Bochkov, N. P. 170
Bode, Hans 113
Boero, J. 193
Bogachev, I. M. 202
Bogomolov, V. N. 122
Bogorad, I. Ya. 94
Bogovskiy, P. A. 172
Boksha, S. S. 92
Boikov, D. A. 14
Bomal, R. 236
Bonch-Bruevich, A. M. 119
Bondar', L. A. 224
Bondarenko, B. A. 176
Bondarenko, P. P. 178
Bondarenko, V. V. 250
Bondarev, A. S. 121
Boni, M. 191
Boreevsky, G. K. 97
Borisevich, Ye. S. 11
Borisov, A. Ya. 12
Borisov, I. 1
Borisov, Ye. V. 198
Borkov, N. V. 197
Borok, B. A. 203
Borokhvič, V. O. 183
Boryachek, A. F. 108
Bottazzi, V. 89
Boucher, B. Le. 204
Bouchez, R. 237
Bouissieres, G. 111
Bourrier, J. 125
Boutique, M. 234
Bovard, P. 110
Bovsheverov, V. M. 157
Bovyn, L. 145
Boyarskiy, A. Ya. 165
Boyko, V. I. 168
Braithart, Paul 213
Bragard, K. 187
Braibant, F. 234
Brandt, F. 239
Brande, J. 214
Brekhovskikh, L. M. 162
Breydo, W. 124
Brioni, Angelo 134
Britschen, J. C. 125
Brodski, A. 193
Brodskiy, A. I. 96
Brokners, L. D. 59
Bronstein, A. N. 199
Brooke, C. 213
Browchenko, V. G. 122
Brownman, M. Ya. 140
Bruchner, H. 216
Brunner, H. E. 189
Bryuneli, B. Ye. 84
Brzostowski, M. 41
Buchner, W. 238
Budnikov, P. P. 9
Budnitskaya, E. V. 221
Bugayev, V. A. 159
Buketov, Ye. A. 6
Bukhvosgov, I. G. 66
Bukin, A. N. 122
Bune, V. I. 226
Bune, V. F. 162
Bun'ko, V. A. 118
Bunyaťyan, G. Kh. 172
Burse, A. 114
Burdo, O. A. 84
Burhorn, P. 241
Burmistrova, V. F. 154
Burovov, I. A. 203
Burykina, L. N. 174
Burgasov, P. N. 182
Busse, A. 239
Busham, Eugenjusz 40
Buzuzov, V. P. 107
Buzan, A. 15
Buznik, I. M. 181
Buzuk, V. V. 158
Bychenko, B. D. 87
Bychkov, Yu. F. 196
Bychkov, Yu. F. 199
<table>
<thead>
<tr>
<th>Name</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Byr'ko, V. M.</td>
<td>96</td>
</tr>
<tr>
<td>Bystrkov, P. D.</td>
<td>196</td>
</tr>
<tr>
<td>Cadet, J.</td>
<td>232</td>
</tr>
<tr>
<td>Calliet, C.</td>
<td>214</td>
</tr>
<tr>
<td>Caldwell, P.</td>
<td>217</td>
</tr>
<tr>
<td>Candilion, C.</td>
<td>110</td>
</tr>
<tr>
<td>Candiotti, C.</td>
<td>234</td>
</tr>
<tr>
<td>Carini, A.</td>
<td>193</td>
</tr>
<tr>
<td>Cerveny, A.</td>
<td>33</td>
</tr>
<tr>
<td>Cerveny, E.</td>
<td>33</td>
</tr>
<tr>
<td>Cervinka, A.</td>
<td>19</td>
</tr>
<tr>
<td>Ceulemans, H.</td>
<td>127</td>
</tr>
<tr>
<td>Chang, Chi-ch'un</td>
<td>74</td>
</tr>
<tr>
<td>Chang, Chi-chie</td>
<td>185</td>
</tr>
<tr>
<td>Chang, Hsien-shan</td>
<td>67</td>
</tr>
<tr>
<td>Chang, Kil-jun</td>
<td>72</td>
</tr>
<tr>
<td>Chang, Yun-shu</td>
<td>73</td>
</tr>
<tr>
<td>Chiao, Chiu-chang</td>
<td>162</td>
</tr>
<tr>
<td>Charkiewicz, Michal</td>
<td>41</td>
</tr>
<tr>
<td>Charoy, Yves</td>
<td>77</td>
</tr>
<tr>
<td>Chauvin, G.</td>
<td>204</td>
</tr>
<tr>
<td>Chaye, A.</td>
<td>236</td>
</tr>
<tr>
<td>Ch'en, Hsien-te</td>
<td>69</td>
</tr>
<tr>
<td>Ch'en, Meng-hsiung</td>
<td>73</td>
</tr>
<tr>
<td>Ch'en, Ts'en-yun</td>
<td>68</td>
</tr>
<tr>
<td>Cheng, Chien-nieh</td>
<td>70</td>
</tr>
<tr>
<td>Ch'eng-Pu-yun</td>
<td>76</td>
</tr>
<tr>
<td>Cheng, Su-chung</td>
<td>73</td>
</tr>
<tr>
<td>Chenko, L. G.</td>
<td>91</td>
</tr>
<tr>
<td>Cherednichenko, V. M.</td>
<td>230</td>
</tr>
<tr>
<td>Cherednychenko, V. I.</td>
<td>85</td>
</tr>
<tr>
<td>Cerenkov, V.</td>
<td>84</td>
</tr>
<tr>
<td>Chermenkov, J.</td>
<td>233</td>
</tr>
<tr>
<td>Chernina, V. S.</td>
<td>137</td>
</tr>
<tr>
<td>Chernobay, A. I.</td>
<td>6</td>
</tr>
<tr>
<td>Chervonenkia, Ya. M.</td>
<td>116</td>
</tr>
<tr>
<td>Cery, R.</td>
<td>235</td>
</tr>
<tr>
<td>Chia, Ch'i-yun</td>
<td>61</td>
</tr>
<tr>
<td>Chia, K'o-ming</td>
<td>184</td>
</tr>
<tr>
<td>Chiang, Ai-liang</td>
<td>163</td>
</tr>
<tr>
<td>Chibisov, K. V.</td>
<td>31</td>
</tr>
<tr>
<td>Chibrikova, E. V.</td>
<td>182</td>
</tr>
<tr>
<td>Ch'ien, Hsin-chung</td>
<td>185</td>
</tr>
<tr>
<td>Ch'ien, Pac-kung</td>
<td>109</td>
</tr>
<tr>
<td>Chin, Chen-chou</td>
<td>73</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Name</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chin, Yuan-ch'ing</td>
<td>125</td>
</tr>
<tr>
<td>Chirkov, A. K.</td>
<td>119</td>
</tr>
<tr>
<td>Chistyakov, A. N.</td>
<td>153</td>
</tr>
<tr>
<td>Chistyakov, N. I.</td>
<td>219</td>
</tr>
<tr>
<td>Ch'i, Lien-ch'ing</td>
<td>73</td>
</tr>
<tr>
<td>Chizhova, M. S.</td>
<td>3</td>
</tr>
<tr>
<td>Chomicki, Edward</td>
<td>41</td>
</tr>
<tr>
<td>Chong, Lung-ku</td>
<td>71</td>
</tr>
<tr>
<td>Chou, Hae-k'ang</td>
<td>184</td>
</tr>
<tr>
<td>Chou, Pien-tsi</td>
<td>102</td>
</tr>
<tr>
<td>Chou-ch'ang</td>
<td>185</td>
</tr>
<tr>
<td>Christiansen, Jens</td>
<td>241</td>
</tr>
<tr>
<td>Chu, Jung-feng</td>
<td>68</td>
</tr>
<tr>
<td>Chu, K'e-cheng</td>
<td>247</td>
</tr>
<tr>
<td>Chu, Lung-yu</td>
<td>184</td>
</tr>
<tr>
<td>Chudakov, E. A.</td>
<td>136</td>
</tr>
<tr>
<td>Chumakov, A. A.</td>
<td>92</td>
</tr>
<tr>
<td>Chumakov, M. P.</td>
<td>181</td>
</tr>
<tr>
<td>Chun</td>
<td>238</td>
</tr>
<tr>
<td>Chung, Bui-ian</td>
<td>185</td>
</tr>
<tr>
<td>Ciborowski, St.</td>
<td>117</td>
</tr>
<tr>
<td>Cipro, Miroslav</td>
<td>52</td>
</tr>
<tr>
<td>Coche, A.</td>
<td>237</td>
</tr>
<tr>
<td>Conn, W. M.</td>
<td>206</td>
</tr>
<tr>
<td>Consoli, T.</td>
<td>233</td>
</tr>
<tr>
<td>Coriou, H.</td>
<td>204</td>
</tr>
<tr>
<td>Courcou, G.</td>
<td>203</td>
</tr>
<tr>
<td>Courtois, J. E.</td>
<td>110</td>
</tr>
<tr>
<td>Csesch, H.</td>
<td>216</td>
</tr>
<tr>
<td>Czajkowski, St.</td>
<td>42</td>
</tr>
<tr>
<td>Dadischheck, Georg</td>
<td>131</td>
</tr>
<tr>
<td>Dadiu, Aurel</td>
<td>65</td>
</tr>
<tr>
<td>Dahl, W.</td>
<td>204, 206</td>
</tr>
<tr>
<td>D'Amore, Giovanni</td>
<td>261</td>
</tr>
<tr>
<td>Dandurand, P.</td>
<td>213</td>
</tr>
<tr>
<td>Dang, Thi</td>
<td>64</td>
</tr>
<tr>
<td>Danilov, V. I.</td>
<td>209</td>
</tr>
<tr>
<td>Danlos, M.</td>
<td>186</td>
</tr>
<tr>
<td>Daumann, Wilhelm</td>
<td>149</td>
</tr>
<tr>
<td>Davankov, A. B.</td>
<td>6</td>
</tr>
<tr>
<td>Davydov, V. I.</td>
<td>141</td>
</tr>
<tr>
<td>Deat, Max</td>
<td>214</td>
</tr>
<tr>
<td>Debain, J. J.</td>
<td>187</td>
</tr>
<tr>
<td>de Bregarie, M. Louis</td>
<td>234</td>
</tr>
<tr>
<td>Name</td>
<td>Page</td>
</tr>
<tr>
<td>---------------------------</td>
<td>------</td>
</tr>
<tr>
<td>de Groot, S. R.</td>
<td>237</td>
</tr>
<tr>
<td>Degtyareva, Z. Ya.</td>
<td>179</td>
</tr>
<tr>
<td>Dehon, C.</td>
<td>233</td>
</tr>
<tr>
<td>Dekhtyar, M. V.</td>
<td>224</td>
</tr>
<tr>
<td>Delattre, P.</td>
<td>211</td>
</tr>
<tr>
<td>Delchev, A. C.</td>
<td>160</td>
</tr>
<tr>
<td>Delhov, J.</td>
<td>127</td>
</tr>
<tr>
<td>Delibrias, G.</td>
<td>110</td>
</tr>
<tr>
<td>Deloux, G.</td>
<td>214</td>
</tr>
<tr>
<td>de Lutio, O.</td>
<td>191</td>
</tr>
<tr>
<td>Demchenko, M.</td>
<td>46</td>
</tr>
<tr>
<td>Demetyev, V. W.</td>
<td>223</td>
</tr>
<tr>
<td>Demidovich, G. I.</td>
<td>14</td>
</tr>
<tr>
<td>Demiolov, A. A.</td>
<td>105</td>
</tr>
<tr>
<td>Denkin, A. P.</td>
<td>11</td>
</tr>
<tr>
<td>Denilin, B. S.</td>
<td>244</td>
</tr>
<tr>
<td>Denisov, E. T.</td>
<td>230</td>
</tr>
<tr>
<td>Denisov, Yu. N.</td>
<td>122</td>
</tr>
<tr>
<td>Derod, T. P.</td>
<td>9</td>
</tr>
<tr>
<td>de Sterke, A.</td>
<td>242</td>
</tr>
<tr>
<td>Dezzani, D.</td>
<td>191</td>
</tr>
<tr>
<td>Dianov-Klokov, V. I.</td>
<td>226</td>
</tr>
<tr>
<td>Dickens, P.</td>
<td>207</td>
</tr>
<tr>
<td>Didovets, S. T.</td>
<td>180</td>
</tr>
<tr>
<td>Diebner, Kurt</td>
<td>150</td>
</tr>
<tr>
<td>Di Giacomo, C.</td>
<td>126</td>
</tr>
<tr>
<td>Bikushin, V. I.</td>
<td>142</td>
</tr>
<tr>
<td>Dimitrov-Goshkin, G</td>
<td>47</td>
</tr>
<tr>
<td>Dimitidov, K. N.</td>
<td>142</td>
</tr>
<tr>
<td>Diyarov, K. D.</td>
<td>12</td>
</tr>
<tr>
<td>Djabaroff, N.</td>
<td>113</td>
</tr>
<tr>
<td>Dmaykan, Khvni</td>
<td>59</td>
</tr>
<tr>
<td>Dmitriev, A. N.</td>
<td>142</td>
</tr>
<tr>
<td>Dmitrievskiy, V. P.</td>
<td>209</td>
</tr>
<tr>
<td>Doi, Van Suu</td>
<td>66</td>
</tr>
<tr>
<td>Dobas, J.</td>
<td>110</td>
</tr>
<tr>
<td>Dobbel, Fritz</td>
<td>132</td>
</tr>
<tr>
<td>Dobrolyuskaya, T. S.</td>
<td>93</td>
</tr>
<tr>
<td>Dobroserdov, Ye. I.</td>
<td>3</td>
</tr>
<tr>
<td>Dobroserdov, N. A.</td>
<td>244</td>
</tr>
<tr>
<td>Dobrushin, R. L.</td>
<td>248</td>
</tr>
<tr>
<td>Dobrzhanskiy, G. F.</td>
<td>92</td>
</tr>
<tr>
<td>Dogramedshi, M. P.</td>
<td>124</td>
</tr>
<tr>
<td>Dot, H. dekazu</td>
<td>206</td>
</tr>
<tr>
<td>Dotlnitsyn, Ye. F.</td>
<td>120</td>
</tr>
<tr>
<td>Dolgikh, P. F.</td>
<td>17</td>
</tr>
<tr>
<td>Dolgoplok, B. A.</td>
<td>220</td>
</tr>
<tr>
<td>Dolin, P. I.</td>
<td>98</td>
</tr>
<tr>
<td>Dolukhanov, M.</td>
<td>123</td>
</tr>
<tr>
<td>Donony, A.</td>
<td>205</td>
</tr>
<tr>
<td>Donner, L.</td>
<td>186</td>
</tr>
<tr>
<td>Dorman, L. I.</td>
<td>83</td>
</tr>
<tr>
<td>Dotseroko, B. V.</td>
<td>218</td>
</tr>
<tr>
<td>Draikin, I. I.</td>
<td>138</td>
</tr>
<tr>
<td>Dreeskamp, H.</td>
<td>240</td>
</tr>
<tr>
<td>Dreyer, K. L.</td>
<td>207</td>
</tr>
<tr>
<td>Driller, A.</td>
<td>147</td>
</tr>
<tr>
<td>Drozdovich, V. M.</td>
<td>139</td>
</tr>
<tr>
<td>Dubentssov, V. R.</td>
<td>159</td>
</tr>
<tr>
<td>Dubinin, N. P.</td>
<td>171</td>
</tr>
<tr>
<td>Dubinsky, G. P.</td>
<td>156</td>
</tr>
<tr>
<td>Dubovitskiy, F. I.</td>
<td>222</td>
</tr>
<tr>
<td>Duchene, J. P.</td>
<td>213</td>
</tr>
<tr>
<td>Duclos, J.</td>
<td>212</td>
</tr>
<tr>
<td>Dudintsev, Vladimir</td>
<td>26</td>
</tr>
<tr>
<td>Duma, Mario</td>
<td>44</td>
</tr>
<tr>
<td>Dun, Yan</td>
<td>12</td>
</tr>
<tr>
<td>Durand, R.</td>
<td>212</td>
</tr>
<tr>
<td>Dutartre, H. G.</td>
<td>77</td>
</tr>
<tr>
<td>Duwell, George</td>
<td>29</td>
</tr>
<tr>
<td>Dvinskikh, V. A.</td>
<td>121</td>
</tr>
<tr>
<td>Dvikhov, P. P.</td>
<td>172</td>
</tr>
<tr>
<td>Dziedzic, Wojciech</td>
<td>42</td>
</tr>
<tr>
<td>Eckardt, H. H.</td>
<td>36</td>
</tr>
<tr>
<td>Eckert, M. R.</td>
<td>234</td>
</tr>
<tr>
<td>Edgneral, F. P.</td>
<td>199</td>
</tr>
<tr>
<td>Eggersgluss, W.</td>
<td>111</td>
</tr>
<tr>
<td>Egi, Mario</td>
<td>150</td>
</tr>
<tr>
<td>Egi, Primo</td>
<td>150</td>
</tr>
<tr>
<td>Eglit, V. I.</td>
<td>23</td>
</tr>
<tr>
<td>Ehlers</td>
<td>188</td>
</tr>
<tr>
<td>Ehrig, H.</td>
<td>38</td>
</tr>
<tr>
<td>El'kind, L. B.</td>
<td>104</td>
</tr>
<tr>
<td>El'yashevich, M. A.</td>
<td>196</td>
</tr>
<tr>
<td>Emanuel, N. M.</td>
<td>230</td>
</tr>
<tr>
<td>Em-Tkhe-Den</td>
<td>137</td>
</tr>
<tr>
<td>Enke, S.</td>
<td>201</td>
</tr>
<tr>
<td>Eng, Jeng-Ying</td>
<td>105</td>
</tr>
<tr>
<td>Engelgardt, V. A.</td>
<td>177</td>
</tr>
<tr>
<td>Enigk, K.</td>
<td>88</td>
</tr>
<tr>
<td>Eryakova, P. A.</td>
<td>170</td>
</tr>
<tr>
<td>Erdey, L.</td>
<td>110</td>
</tr>
<tr>
<td>Ermin, E. N.</td>
<td>229</td>
</tr>
<tr>
<td>Name</td>
<td>Page</td>
</tr>
<tr>
<td>-----------------------</td>
<td>------</td>
</tr>
<tr>
<td>Ermolenko, I. N.</td>
<td>231</td>
</tr>
<tr>
<td>Errara, Jacques</td>
<td>237</td>
</tr>
<tr>
<td>Ershov, S.</td>
<td>123</td>
</tr>
<tr>
<td>Erland, A.</td>
<td>237</td>
</tr>
<tr>
<td>Eru, I. I.</td>
<td>154</td>
</tr>
<tr>
<td>Esche, W. V. d.</td>
<td>207</td>
</tr>
<tr>
<td>Eslipova, M. Z.</td>
<td>244</td>
</tr>
<tr>
<td>Esken, M. A.</td>
<td>202</td>
</tr>
<tr>
<td>Estulin, G. V.</td>
<td>228</td>
</tr>
<tr>
<td>Euscher, Ewald</td>
<td>150</td>
</tr>
<tr>
<td>Evtrop'ev, K. S.</td>
<td>227</td>
</tr>
</tbody>
</table>

- F -

<table>
<thead>
<tr>
<th>Name</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fabre, J.</td>
<td>186</td>
</tr>
<tr>
<td>Fainshtein, G. B.</td>
<td>173</td>
</tr>
<tr>
<td>Fal'kevich, A. S.</td>
<td>143</td>
</tr>
<tr>
<td>Falkevich, B. S</td>
<td>136</td>
</tr>
<tr>
<td>Fang, Yun-chung</td>
<td>185</td>
</tr>
<tr>
<td>Farberov, M. I.</td>
<td>109</td>
</tr>
<tr>
<td>Fateyev, A. V.</td>
<td>139</td>
</tr>
<tr>
<td>Fedin, E. I.</td>
<td>211</td>
</tr>
<tr>
<td>Fedorenko, N.</td>
<td>10</td>
</tr>
<tr>
<td>Fedorov, G. B.</td>
<td>197</td>
</tr>
<tr>
<td>Fedorov, L.</td>
<td>24</td>
</tr>
<tr>
<td>Fedorov, Ye. K.</td>
<td>160</td>
</tr>
<tr>
<td>Fedoseyev, F.</td>
<td>18</td>
</tr>
<tr>
<td>Fedoseyev, F. N.</td>
<td>17</td>
</tr>
<tr>
<td>Fedotov, V. P.</td>
<td>122</td>
</tr>
<tr>
<td>Fedotova, Ya. A.</td>
<td>219</td>
</tr>
<tr>
<td>Fedulova, V. F.</td>
<td>97</td>
</tr>
<tr>
<td>Fedynskiy, O. S.</td>
<td>220</td>
</tr>
<tr>
<td>Fen'or, S. M.</td>
<td>182</td>
</tr>
<tr>
<td>Feofilov, O. G.</td>
<td>209</td>
</tr>
<tr>
<td>Fesenkov, V. G.</td>
<td>153</td>
</tr>
<tr>
<td>Fisher, M.</td>
<td>126</td>
</tr>
<tr>
<td>Fijalkowski, Jozef</td>
<td>42</td>
</tr>
<tr>
<td>Filatova, A. Z.</td>
<td>88</td>
</tr>
<tr>
<td>Filimonov, L. K.</td>
<td>199</td>
</tr>
<tr>
<td>Filippov, M. M.</td>
<td>122</td>
</tr>
<tr>
<td>Filippov, I. N.</td>
<td>171</td>
</tr>
<tr>
<td>Ficocchi, R.</td>
<td>217</td>
</tr>
<tr>
<td>Firson, L. P.</td>
<td>200</td>
</tr>
<tr>
<td>Fischer, N. J.</td>
<td>133</td>
</tr>
<tr>
<td>Fiser, B.</td>
<td>34</td>
</tr>
<tr>
<td>Fishbein, P.</td>
<td>2</td>
</tr>
<tr>
<td>Fleishman, D. G.</td>
<td>225</td>
</tr>
<tr>
<td>Flerov, V. N.</td>
<td>109</td>
</tr>
</tbody>
</table>

- F -

<table>
<thead>
<tr>
<th>Name</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fleury, J.</td>
<td>126</td>
</tr>
<tr>
<td>Flum, Z.</td>
<td>110</td>
</tr>
<tr>
<td>Foekstistov, V. I.</td>
<td>175</td>
</tr>
<tr>
<td>Fok, N. V.</td>
<td>94</td>
</tr>
<tr>
<td>Fomin, A. G.</td>
<td>142</td>
</tr>
<tr>
<td>Fopp, Tadeusz</td>
<td>50</td>
</tr>
<tr>
<td>Forell, M. M.</td>
<td>188</td>
</tr>
<tr>
<td>Fossoul, E.</td>
<td>233</td>
</tr>
<tr>
<td>Fourmier, R.</td>
<td>204</td>
</tr>
<tr>
<td>Francois, Charles</td>
<td>60</td>
</tr>
<tr>
<td>Frank, G. M.</td>
<td>86</td>
</tr>
<tr>
<td>Frantsiev, Yu. F.</td>
<td>154</td>
</tr>
<tr>
<td>Fraynsheter, F. P.</td>
<td>154</td>
</tr>
<tr>
<td>Fridenshteyn, A. Ya.</td>
<td>30</td>
</tr>
<tr>
<td>Frithi, Karl</td>
<td>55</td>
</tr>
<tr>
<td>Frober, H.</td>
<td>37</td>
</tr>
<tr>
<td>Frolov, A. G.</td>
<td>144</td>
</tr>
<tr>
<td>Frontas'ev, V. P.</td>
<td>222</td>
</tr>
<tr>
<td>Fujimoto, K.</td>
<td>192</td>
</tr>
<tr>
<td>Fukai, Y.</td>
<td>115</td>
</tr>
</tbody>
</table>

- G -

<table>
<thead>
<tr>
<th>Name</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gabrovsek, Nestor</td>
<td>49</td>
</tr>
<tr>
<td>Gadhysiyeva, R. G.</td>
<td>94</td>
</tr>
<tr>
<td>Gagarina, A. V.</td>
<td>151</td>
</tr>
<tr>
<td>Gagnebin, S.</td>
<td>206</td>
</tr>
<tr>
<td>Gaiskiy, V. N.</td>
<td>227, 162</td>
</tr>
<tr>
<td>Galla, Laszlo</td>
<td>39</td>
</tr>
<tr>
<td>Galperin, Yu. I.</td>
<td>244</td>
</tr>
<tr>
<td>Gamba, J.</td>
<td>82</td>
</tr>
<tr>
<td>Gaz-Zelikovich, G. M.</td>
<td>137</td>
</tr>
<tr>
<td>Ganczer, Sandor</td>
<td>40</td>
</tr>
<tr>
<td>Gandin, I. S.</td>
<td>156</td>
</tr>
<tr>
<td>GaPOCHko, K. G.</td>
<td>167, 170</td>
</tr>
<tr>
<td>Garand, J.</td>
<td>49</td>
</tr>
<tr>
<td>Garin, N. S.</td>
<td>167, 170</td>
</tr>
<tr>
<td>Garmash, V. A.</td>
<td>247</td>
</tr>
<tr>
<td>Garvey, N. N.</td>
<td>183</td>
</tr>
<tr>
<td>Gassetrom, R. V.</td>
<td>128</td>
</tr>
<tr>
<td>Gauderner, J.</td>
<td>236</td>
</tr>
<tr>
<td>Gautsch, G. O.</td>
<td>112</td>
</tr>
<tr>
<td>Gauze, G. F.</td>
<td>173</td>
</tr>
<tr>
<td>Gavrilyuk, V. M.</td>
<td>120</td>
</tr>
<tr>
<td>Gaynetdinov, M. F.</td>
<td>13</td>
</tr>
<tr>
<td>Gaynullina, R. Kh.</td>
<td>158</td>
</tr>
<tr>
<td>Gazaryan, L. M.</td>
<td>14</td>
</tr>
<tr>
<td>Name</td>
<td>Page</td>
</tr>
<tr>
<td>-------------------------------------</td>
<td>------</td>
</tr>
<tr>
<td>Gblevicz, E.</td>
<td>186</td>
</tr>
<tr>
<td>Gedensh, L. I.</td>
<td>210</td>
</tr>
<tr>
<td>Gel'fgot, A. L.</td>
<td>143</td>
</tr>
<tr>
<td>Geller, B. A.</td>
<td>106</td>
</tr>
<tr>
<td>Gelmont, A.</td>
<td>26</td>
</tr>
<tr>
<td>Genia, V. A.</td>
<td>178</td>
</tr>
<tr>
<td>Genthon, J. P.</td>
<td>211</td>
</tr>
<tr>
<td>Gepstein, E. M.</td>
<td>154</td>
</tr>
<tr>
<td>Gerasimovych, V. I.</td>
<td>97</td>
</tr>
<tr>
<td>Geroni, G.</td>
<td>239</td>
</tr>
<tr>
<td>Gerlovin, Ye. Sh.</td>
<td>169</td>
</tr>
<tr>
<td>Gernantsev, G.</td>
<td>158</td>
</tr>
<tr>
<td>Gero, Gyorgy</td>
<td>39</td>
</tr>
<tr>
<td>Gersberg, S. R.</td>
<td>29</td>
</tr>
<tr>
<td>Gershman, B. N.</td>
<td>159</td>
</tr>
<tr>
<td>Gersht, Ye. F.</td>
<td>118</td>
</tr>
<tr>
<td>Geramour, E. F.</td>
<td>188</td>
</tr>
<tr>
<td>Gerstenberg, D.</td>
<td>233</td>
</tr>
<tr>
<td>Gertseiger, L. N.</td>
<td>119</td>
</tr>
<tr>
<td>Ghenea, C.</td>
<td>44</td>
</tr>
<tr>
<td>Gheorghita, Ion S.</td>
<td>43</td>
</tr>
<tr>
<td>Gimzy, J.</td>
<td>187</td>
</tr>
<tr>
<td>Ginsburg, A. I.</td>
<td>195</td>
</tr>
<tr>
<td>Gitalov, A. V.</td>
<td>7</td>
</tr>
<tr>
<td>Givront</td>
<td>234</td>
</tr>
<tr>
<td>Glagoleva, M. G.</td>
<td>159</td>
</tr>
<tr>
<td>Glazov, A. A.</td>
<td>209</td>
</tr>
<tr>
<td>Glizman, Pavel</td>
<td>41</td>
</tr>
<tr>
<td>Glazkov, R.</td>
<td>241</td>
</tr>
<tr>
<td>Glushko, A. P.</td>
<td>20</td>
</tr>
<tr>
<td>Glusharg, B. Ye.</td>
<td>176</td>
</tr>
<tr>
<td>Gnatkov, M.</td>
<td>8, 140</td>
</tr>
<tr>
<td>Gobler, Rolle</td>
<td>132</td>
</tr>
<tr>
<td>Godin, Yu. G.</td>
<td>197</td>
</tr>
<tr>
<td>Godina, G.</td>
<td>192</td>
</tr>
<tr>
<td>Godnev, Ivan Nicolaivich</td>
<td>218</td>
</tr>
<tr>
<td>Goebel, Wolfgang</td>
<td>35</td>
</tr>
<tr>
<td>Gogercsu, Nicolae</td>
<td>65</td>
</tr>
<tr>
<td>Goffen, D. A.</td>
<td>95</td>
</tr>
<tr>
<td>Gogain</td>
<td>234</td>
</tr>
<tr>
<td>Gol'dgerfer, V. I.</td>
<td>119</td>
</tr>
<tr>
<td>Gol'din, L. L.</td>
<td>225</td>
</tr>
<tr>
<td>Golometskiy, S. I.</td>
<td>167</td>
</tr>
<tr>
<td>Golanov', A. N.</td>
<td>122</td>
</tr>
<tr>
<td>Golutvina, M. M.</td>
<td>175</td>
</tr>
<tr>
<td>Goncharenko, V.</td>
<td>22</td>
</tr>
<tr>
<td>Gomischberg, M. G.</td>
<td>137</td>
</tr>
<tr>
<td>Gomolin, S.</td>
<td>26</td>
</tr>
<tr>
<td>Goorashova, T. P.</td>
<td>176</td>
</tr>
<tr>
<td>Gorbatov, N. M.</td>
<td>117</td>
</tr>
<tr>
<td>Gorbatsevich, A. F.</td>
<td>7</td>
</tr>
<tr>
<td>Gorn, L. S.</td>
<td>120</td>
</tr>
<tr>
<td>Gorodetskiy, S.</td>
<td>8</td>
</tr>
<tr>
<td>Gorskaya, S. V.</td>
<td>181</td>
</tr>
<tr>
<td>Gorsky, I. I.</td>
<td>160</td>
</tr>
<tr>
<td>Goryachev, K. G.</td>
<td>227</td>
</tr>
<tr>
<td>Gosho, Yusukeichi</td>
<td>134</td>
</tr>
<tr>
<td>Gotsch, G.</td>
<td>164</td>
</tr>
<tr>
<td>Gott, H.</td>
<td>188</td>
</tr>
<tr>
<td>Goupi, J.</td>
<td>126</td>
</tr>
<tr>
<td>Gourisky, E.</td>
<td>127</td>
</tr>
<tr>
<td>Grachova, I. V.</td>
<td>181</td>
</tr>
<tr>
<td>Graff, A.</td>
<td>18</td>
</tr>
<tr>
<td>Graffiaux, J. P.</td>
<td>126</td>
</tr>
<tr>
<td>Grau, L.</td>
<td>204</td>
</tr>
<tr>
<td>Granat, L.</td>
<td>195</td>
</tr>
<tr>
<td>Granat, N. L.</td>
<td>137</td>
</tr>
<tr>
<td>Graub, A.</td>
<td>125</td>
</tr>
<tr>
<td>Grayeyskaya, B. E.</td>
<td>174</td>
</tr>
<tr>
<td>Gredina, Yu. V.</td>
<td>224</td>
</tr>
<tr>
<td>Grebenshnikov, S. E.</td>
<td>242</td>
</tr>
<tr>
<td>Greschikhin, V. S.</td>
<td>226</td>
</tr>
<tr>
<td>Greewe, R. J.</td>
<td>129, 147</td>
</tr>
<tr>
<td>Grigolyuk, E. I.</td>
<td>223</td>
</tr>
<tr>
<td>Grigor'ev, V. M.</td>
<td>23</td>
</tr>
<tr>
<td>Grinberg, B. G.</td>
<td>1</td>
</tr>
<tr>
<td>Grishko, E. I.</td>
<td>94</td>
</tr>
<tr>
<td>Grishchuk, G. I.</td>
<td>225</td>
</tr>
<tr>
<td>Gritsenyuk, N.</td>
<td>60</td>
</tr>
<tr>
<td>Grodzovskiy, G. L.</td>
<td>137</td>
</tr>
<tr>
<td>Groeck, M.</td>
<td>190</td>
</tr>
<tr>
<td>Gross, W.</td>
<td>189</td>
</tr>
<tr>
<td>Grubetskoy, A. I.</td>
<td>120</td>
</tr>
<tr>
<td>Grundig, Reinhard</td>
<td>36</td>
</tr>
<tr>
<td>Grzun, P. L.</td>
<td>198</td>
</tr>
<tr>
<td>Guvko, V.</td>
<td>177</td>
</tr>
<tr>
<td>Guvnet, M.</td>
<td>110</td>
</tr>
<tr>
<td>Guillon, E.</td>
<td>126</td>
</tr>
<tr>
<td>Guikasian, A. B.</td>
<td>86</td>
</tr>
<tr>
<td>Gulyakina, V. D.</td>
<td>198</td>
</tr>
<tr>
<td>Gundel, M.</td>
<td>243</td>
</tr>
<tr>
<td>Guralnich, I. I.</td>
<td>156</td>
</tr>
<tr>
<td>Gurevich, E. S.</td>
<td>94</td>
</tr>
<tr>
<td>Gurevich, M. I.</td>
<td>194</td>
</tr>
<tr>
<td>Name</td>
<td>Page</td>
</tr>
<tr>
<td>---------------------</td>
<td>------</td>
</tr>
<tr>
<td>Gurevich, S. M.</td>
<td>200</td>
</tr>
<tr>
<td>Gurevich, Yu. G.</td>
<td>201</td>
</tr>
<tr>
<td>Gurinkel', V.</td>
<td>124</td>
</tr>
<tr>
<td>Gurvich, A. S.</td>
<td>157</td>
</tr>
<tr>
<td>Gusel'nikov, V. I.</td>
<td>184</td>
</tr>
<tr>
<td>Gusev, G. M.</td>
<td>203</td>
</tr>
<tr>
<td>Gusev, Yu.</td>
<td>21</td>
</tr>
<tr>
<td>Guzman, I. Ya.</td>
<td>101</td>
</tr>
<tr>
<td>Guzdover, S. D.</td>
<td>119, 229</td>
</tr>
<tr>
<td>Haberkant, E.</td>
<td>129, 147</td>
</tr>
<tr>
<td>Habert, P.</td>
<td>212</td>
</tr>
<tr>
<td>Haisinsky, M.</td>
<td>111</td>
</tr>
<tr>
<td>Hahn, W.</td>
<td>130</td>
</tr>
<tr>
<td>Ham, Nam-son</td>
<td>71</td>
</tr>
<tr>
<td>Hammarlund, P. E.</td>
<td>152</td>
</tr>
<tr>
<td>Han, Lei</td>
<td>65</td>
</tr>
<tr>
<td>Han-sheng, H.</td>
<td>185</td>
</tr>
<tr>
<td>Hardt, Alexander</td>
<td>147</td>
</tr>
<tr>
<td>Hartmann, W.</td>
<td>216</td>
</tr>
<tr>
<td>Hatala, Robert</td>
<td>46</td>
</tr>
<tr>
<td>Haubold, R.</td>
<td>187</td>
</tr>
<tr>
<td>Haul, R. A. W.</td>
<td>111</td>
</tr>
<tr>
<td>Hauser, H.</td>
<td>217</td>
</tr>
<tr>
<td>Havlicek, F. I.</td>
<td>216</td>
</tr>
<tr>
<td>Hecht, E.</td>
<td>187</td>
</tr>
<tr>
<td>Heidborn, W.</td>
<td>130</td>
</tr>
<tr>
<td>Heinrich, Vorkauf</td>
<td>146</td>
</tr>
<tr>
<td>Heiss, Sebastian</td>
<td>146</td>
</tr>
<tr>
<td>Helander, E.</td>
<td>193, 194</td>
</tr>
<tr>
<td>Helm, Laszlo</td>
<td>40</td>
</tr>
<tr>
<td>Henri, Victor</td>
<td>237</td>
</tr>
<tr>
<td>Hentze, H.</td>
<td>239</td>
</tr>
<tr>
<td>Herenquel, J.</td>
<td>110</td>
</tr>
<tr>
<td>Hermann, G.</td>
<td>217</td>
</tr>
<tr>
<td>Hermann, W.</td>
<td>240</td>
</tr>
<tr>
<td>Hertzet, G.</td>
<td>233</td>
</tr>
<tr>
<td>Himpan, Joseph</td>
<td>129</td>
</tr>
<tr>
<td>Hirigoyen, Eugene</td>
<td>146</td>
</tr>
<tr>
<td>Henri</td>
<td>71</td>
</tr>
<tr>
<td>Ho, Hak-song</td>
<td>71</td>
</tr>
<tr>
<td>Hoepker, Wolfgang</td>
<td>78</td>
</tr>
<tr>
<td>Holy, Karel</td>
<td>47</td>
</tr>
<tr>
<td>Horalek, Vladimir</td>
<td>33</td>
</tr>
<tr>
<td>Houdremont, E.</td>
<td>207</td>
</tr>
<tr>
<td>Houtermans, T.</td>
<td>133</td>
</tr>
<tr>
<td>Hranilovic, Ph. A.</td>
<td>50</td>
</tr>
<tr>
<td>Hrdlicka, J.</td>
<td>238</td>
</tr>
<tr>
<td>Hsieh, I-ping</td>
<td>162</td>
</tr>
<tr>
<td>Hsieh, Kuang-tao</td>
<td>162</td>
</tr>
<tr>
<td>Hsieh, Yung-ch'in</td>
<td>76</td>
</tr>
<tr>
<td>Hsu, Erh-hao</td>
<td>163</td>
</tr>
<tr>
<td>Hu, Hai-k'uei</td>
<td>67</td>
</tr>
<tr>
<td>Hu, Huan-jung</td>
<td>73</td>
</tr>
<tr>
<td>Huang, Ping-wei</td>
<td>163</td>
</tr>
<tr>
<td>Huang, Suu-tsang</td>
<td>66</td>
</tr>
<tr>
<td>Huber, P.</td>
<td>216, 239</td>
</tr>
<tr>
<td>Hubert, G.</td>
<td>205</td>
</tr>
<tr>
<td>Hugolin, L.</td>
<td>128</td>
</tr>
<tr>
<td>Hugot, C.</td>
<td>126</td>
</tr>
<tr>
<td>Hure, J.</td>
<td>204</td>
</tr>
<tr>
<td>I, Shih-ming</td>
<td>73</td>
</tr>
<tr>
<td>Ignatov, D. V.</td>
<td>197</td>
</tr>
<tr>
<td>Igonin, P. G.</td>
<td>100</td>
</tr>
<tr>
<td>Iida, Yoshiyuki</td>
<td>114</td>
</tr>
<tr>
<td>Ikeda, Y.</td>
<td>134</td>
</tr>
<tr>
<td>Ikeda, Yoshitaka</td>
<td>114</td>
</tr>
<tr>
<td>Ikunev, A. I.</td>
<td>14</td>
</tr>
<tr>
<td>Ilardi, Piero</td>
<td>164</td>
</tr>
<tr>
<td>Il'yin, L. A.</td>
<td>172</td>
</tr>
<tr>
<td>Il'yushin, L.</td>
<td>25</td>
</tr>
<tr>
<td>Imai, H.</td>
<td>192</td>
</tr>
<tr>
<td>Imai, M.</td>
<td>151</td>
</tr>
<tr>
<td>Imai, Tadashi</td>
<td>70</td>
</tr>
<tr>
<td>Imyanitov, I. M.</td>
<td>219</td>
</tr>
<tr>
<td>Iofa, B. Z.</td>
<td>221</td>
</tr>
<tr>
<td>Ioffe, I. I.</td>
<td>230</td>
</tr>
<tr>
<td>Ipatenko, N. G.</td>
<td>179</td>
</tr>
<tr>
<td>Ippolito, F.</td>
<td>207</td>
</tr>
<tr>
<td>Isachenko, V. P.</td>
<td>220</td>
</tr>
<tr>
<td>Isachenko, Z. F.</td>
<td>170</td>
</tr>
<tr>
<td>Isengaliyeva, V. A.</td>
<td>24</td>
</tr>
<tr>
<td>Istoimina, T. N.</td>
<td>27</td>
</tr>
<tr>
<td>Iurvo, S. G.</td>
<td>176</td>
</tr>
<tr>
<td>Ivakhnin, I. I.</td>
<td>243</td>
</tr>
<tr>
<td>Ivaknenko, A. G.</td>
<td>152</td>
</tr>
<tr>
<td>Ivanov, T. F.</td>
<td>229</td>
</tr>
<tr>
<td>Ivanchenko, A. M.</td>
<td>122</td>
</tr>
<tr>
<td>Ivanov, V.</td>
<td>18</td>
</tr>
<tr>
<td>Ivanov, V. A.</td>
<td>7</td>
</tr>
<tr>
<td>Ivliyev, A.</td>
<td>11</td>
</tr>
<tr>
<td>Izgaryshev, N. A.</td>
<td>95</td>
</tr>
<tr>
<td>Izmodenov, A. I.</td>
<td>14</td>
</tr>
<tr>
<td>Izrailevich, Ye. A.</td>
<td>96</td>
</tr>
<tr>
<td>Name</td>
<td>Page</td>
</tr>
<tr>
<td>-----------------------</td>
<td>------</td>
</tr>
<tr>
<td>Jablonski, H.</td>
<td>249</td>
</tr>
<tr>
<td>Janda, E.</td>
<td>232</td>
</tr>
<tr>
<td>Jansen, G. J.</td>
<td>243</td>
</tr>
<tr>
<td>Jaquerod, A.</td>
<td>206</td>
</tr>
<tr>
<td>Jerokshak, K.</td>
<td>239</td>
</tr>
<tr>
<td>Javaudin</td>
<td>79</td>
</tr>
<tr>
<td>Jeanmaire, L.</td>
<td>215</td>
</tr>
<tr>
<td>Jensen, Alfred</td>
<td>147</td>
</tr>
<tr>
<td>Jensen, J.</td>
<td>133</td>
</tr>
<tr>
<td>Jobst, Rudolph</td>
<td>129</td>
</tr>
<tr>
<td>Johannovsky, D.</td>
<td>33</td>
</tr>
<tr>
<td>Johansson, C. H.</td>
<td>151, 242</td>
</tr>
<tr>
<td>Jover, P.</td>
<td>213</td>
</tr>
<tr>
<td>Jovic, Borislav</td>
<td>51</td>
</tr>
<tr>
<td>Juchniewicz, Romuald</td>
<td>53</td>
</tr>
<tr>
<td>Julliot, C.</td>
<td>296</td>
</tr>
<tr>
<td>Juri, Baha' Uddin</td>
<td>60</td>
</tr>
<tr>
<td>Jurik, V.</td>
<td>47</td>
</tr>
<tr>
<td>Jurina, Karel</td>
<td>52</td>
</tr>
<tr>
<td>Name</td>
<td>Page</td>
</tr>
<tr>
<td>-----------------------------</td>
<td>------</td>
</tr>
<tr>
<td>Kane, H. S. M.</td>
<td>220</td>
</tr>
<tr>
<td>Kachur, L. A.</td>
<td>175</td>
</tr>
<tr>
<td>Kadar, Jadw</td>
<td>48</td>
</tr>
<tr>
<td>Kneemrser, Wilhelm</td>
<td>129</td>
</tr>
<tr>
<td>Kafarov, V. V.</td>
<td>99</td>
</tr>
<tr>
<td>Kagan, Yu. M.</td>
<td>228</td>
</tr>
<tr>
<td>Kairou, I. A.</td>
<td>28</td>
</tr>
<tr>
<td>Kalachev, N. S.</td>
<td>30</td>
</tr>
<tr>
<td>Kalashnikov, O. P.</td>
<td>107</td>
</tr>
<tr>
<td>Kalinachokzo, V. R.</td>
<td>108</td>
</tr>
<tr>
<td>Kaltenecker, H.</td>
<td>147</td>
</tr>
<tr>
<td>Kaluzhin, L. A.</td>
<td>165</td>
</tr>
<tr>
<td>Kalyada, T. V.</td>
<td>172</td>
</tr>
<tr>
<td>Kamentsev, I. E.</td>
<td>91</td>
</tr>
<tr>
<td>Kaminskaya, V. V.</td>
<td>141</td>
</tr>
<tr>
<td>Kaminsky, A. A.</td>
<td>193</td>
</tr>
<tr>
<td>Kanbay, G. G.</td>
<td>170</td>
</tr>
<tr>
<td>Kansuke, Sera</td>
<td>192</td>
</tr>
<tr>
<td>Kantorovitch, N. V.</td>
<td>183</td>
</tr>
<tr>
<td>Kantnovitz, G.</td>
<td>128</td>
</tr>
<tr>
<td>Kapelyushnikov, M. A.</td>
<td>154</td>
</tr>
<tr>
<td>Kaplan, A.</td>
<td>193</td>
</tr>
<tr>
<td>Kaplan, A. S.</td>
<td>12</td>
</tr>
<tr>
<td>Kaplan, E. G.</td>
<td>105</td>
</tr>
<tr>
<td>Kaplan, H.</td>
<td>193</td>
</tr>
<tr>
<td>Kapteltsev, A. M.</td>
<td>210</td>
</tr>
<tr>
<td>Kapustin, A. P.</td>
<td>91</td>
</tr>
<tr>
<td>Karandeyev, K. B.</td>
<td>119</td>
</tr>
<tr>
<td>Karavashenko, V.</td>
<td>8</td>
</tr>
<tr>
<td>Karazin, I. V.</td>
<td>226</td>
</tr>
<tr>
<td>Karpov, L. D.</td>
<td>7</td>
</tr>
<tr>
<td>Karpovivch, M. B.</td>
<td>180</td>
</tr>
<tr>
<td>Karpuhin, O. A.</td>
<td>226</td>
</tr>
<tr>
<td>Kartashevskaya, V. E.</td>
<td>124, 228</td>
</tr>
<tr>
<td>Kartsev, M. A.</td>
<td>117</td>
</tr>
<tr>
<td>Karyzgina, Z. V.</td>
<td>158</td>
</tr>
<tr>
<td>Kasatkine, E. S.</td>
<td>200</td>
</tr>
<tr>
<td>Kashay, M. A.</td>
<td>246</td>
</tr>
<tr>
<td>Kaspar, Jan</td>
<td>91</td>
</tr>
<tr>
<td>Kast, W.</td>
<td>112</td>
</tr>
<tr>
<td>Kazachkuv, E. A.</td>
<td>101</td>
</tr>
<tr>
<td>Keler, E. K.</td>
<td>9, 109</td>
</tr>
<tr>
<td>Kenedsbayev, I.</td>
<td>30</td>
</tr>
<tr>
<td>Kepustin, I.</td>
<td>124</td>
</tr>
<tr>
<td>Kerenyi, Odon</td>
<td>39</td>
</tr>
<tr>
<td>Keylina, R. Ya.</td>
<td>174</td>
</tr>
<tr>
<td>Keyser, A. D.</td>
<td>127</td>
</tr>
<tr>
<td>Khachtahunov, T.</td>
<td>10</td>
</tr>
<tr>
<td>Khachaturyan, M. G.</td>
<td>95</td>
</tr>
</tbody>
</table>

Khalimov-Mal'kov, V. Ya.  90, 91
Kharrakovskaya, E. N.     97
Kharmahovitch, G. M.      153
Khayri, Zaki              58
Khazanov, B. I.           120
Kheifets, V. L.           221
Khlopin, V. G.            93
Khodov, M. P.             8
Kholshchevnikov, K. V.    135
Khrushcheva, E. P.        5
Khirui, V. S.             121
Khudakov, D. D.           86
Khudokormov, G.           8
Khvichiy, A. T.           153
Khvul', G. M.             194
Kimov, S.                 207
Kierski, B.               42
Kilin, S. F.              119
Kim, Chong-hwan           65
Kim, Hong-il              70
Kim, Sok-cho              71
Kirichenko, O. A.         12
Kirikov, G. N.            2
Kirlin, I. A.             19
Kirliev, M.               26
Kirshin, G. F.            225
Kiselev, A. V.            231
Kiselev, R. I.            176
Kiselev, V. M.            141
Kiseleva, S. A.           203
Kitzersheva, Z. P.        11
Kittel, Guenther          36
Kittel, H.                147
Klyashov, A. F.           177
Klamroth, Dieter          132
Klamroth, Dieter          132
Klare, Hermann           35
Kleinheins, S.            140, 239
Kleinpeter, M.            214
Klemer, A.                112
Klepach, F.               130
Klepfer, Ye. I.           118
Kleyman, Ya. Z.           137
Klimov, A. F.             199
Klinger, Andras           52
Klinker, L.               129
Klushin, M. I.            141
Klyarchandra, B. N.       219
Knobloch, V.              33
Knobloch, Vladislav       32
Knobloch, Von Ing E.      146
<table>
<thead>
<tr>
<th>Last Name</th>
<th>First Name</th>
<th>Page(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ko, Chih-ta</td>
<td></td>
<td>61</td>
</tr>
<tr>
<td>Kobakhidze, L. P.</td>
<td></td>
<td>5</td>
</tr>
<tr>
<td>Kobcev, N. I.</td>
<td></td>
<td>107, 229</td>
</tr>
<tr>
<td>Kobus, Stanislaw</td>
<td></td>
<td>53</td>
</tr>
<tr>
<td>Koch, L.</td>
<td></td>
<td>212, 213, 236</td>
</tr>
<tr>
<td>Koch, W.</td>
<td></td>
<td>112</td>
</tr>
<tr>
<td>Kocharov, G. Ye.</td>
<td></td>
<td>225</td>
</tr>
<tr>
<td>Kocherga, G. N.</td>
<td></td>
<td>9</td>
</tr>
<tr>
<td>Kochnev, Ye. V.</td>
<td></td>
<td>12</td>
</tr>
<tr>
<td>Koechlin, Y.</td>
<td></td>
<td>212, 235</td>
</tr>
<tr>
<td>Kohlbrenner, W.</td>
<td></td>
<td>36</td>
</tr>
<tr>
<td>Kobus, Stanislaw</td>
<td></td>
<td>53</td>
</tr>
<tr>
<td>Koch, L.</td>
<td></td>
<td>212, 213, 236</td>
</tr>
<tr>
<td>Koch, W.</td>
<td></td>
<td>112</td>
</tr>
<tr>
<td>Kocharov, G. Ye.</td>
<td></td>
<td>225</td>
</tr>
<tr>
<td>Kocherga, G. N.</td>
<td></td>
<td>9</td>
</tr>
<tr>
<td>Kochnev, Ye. V.</td>
<td></td>
<td>12</td>
</tr>
<tr>
<td>Koechlin, Y.</td>
<td></td>
<td>212, 235</td>
</tr>
<tr>
<td>Kohlbrenner, W.</td>
<td></td>
<td>36</td>
</tr>
</tbody>
</table>

- 261 -
<table>
<thead>
<tr>
<th>Name</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kus, Kang-hou</td>
<td>183</td>
</tr>
<tr>
<td>Ku’heer, Abdel Haiid</td>
<td>57</td>
</tr>
<tr>
<td>Kubota, Tadashi</td>
<td>258</td>
</tr>
<tr>
<td>Kucharov, Ye. M.</td>
<td>120</td>
</tr>
<tr>
<td>Kuchin, V. D.</td>
<td>225</td>
</tr>
<tr>
<td>Kudryavova, Ye. S.</td>
<td>23</td>
</tr>
<tr>
<td>Kudryavtsev, V. S.</td>
<td>219</td>
</tr>
<tr>
<td>Kuhn, W.</td>
<td>146</td>
</tr>
<tr>
<td>Kukhtikova, T. I.</td>
<td>162</td>
</tr>
<tr>
<td>Kukov, K.</td>
<td>47</td>
</tr>
<tr>
<td>Kukta, G. M.</td>
<td>11</td>
</tr>
<tr>
<td>Kulayev, B. S.</td>
<td>171</td>
</tr>
<tr>
<td>Kulev, I.</td>
<td>7</td>
</tr>
<tr>
<td>Kulichenko, V. S.</td>
<td>180</td>
</tr>
<tr>
<td>Kulikov, I. M.</td>
<td>6</td>
</tr>
<tr>
<td>Kulikov, L. D.</td>
<td>14</td>
</tr>
<tr>
<td>Kulikovskiy, A. G.</td>
<td>157</td>
</tr>
<tr>
<td>Kung, T’ung-fu</td>
<td>62</td>
</tr>
<tr>
<td>Kuntsch, E.</td>
<td>37</td>
</tr>
<tr>
<td>Kupryanov, C. P.</td>
<td>13</td>
</tr>
<tr>
<td>Kurashov, S.</td>
<td>12</td>
</tr>
<tr>
<td>Kurkin, I.</td>
<td>26</td>
</tr>
<tr>
<td>Kurlyandskaya, E. B.</td>
<td>174, 209</td>
</tr>
<tr>
<td>Kurochkina, M. I.</td>
<td>109</td>
</tr>
<tr>
<td>Kursanov, G. A.</td>
<td>247</td>
</tr>
<tr>
<td>Kuryandin, K. S.</td>
<td>100</td>
</tr>
<tr>
<td>Kushner, F. Kh.</td>
<td>86</td>
</tr>
<tr>
<td>Kustakov, S. I.</td>
<td>27</td>
</tr>
<tr>
<td>Kutepova, K.</td>
<td>3</td>
</tr>
<tr>
<td>Kutzenko, A. V.</td>
<td>226</td>
</tr>
<tr>
<td>Kutzendorfer, Jaroslav</td>
<td>211</td>
</tr>
<tr>
<td>Kuzina, M. G.</td>
<td>108</td>
</tr>
<tr>
<td>Kuz'michov, F.</td>
<td>20</td>
</tr>
<tr>
<td>Kuz'minov, B. D.</td>
<td>218</td>
</tr>
<tr>
<td>Kuzminov, I. I.</td>
<td>1</td>
</tr>
<tr>
<td>Kuznetsov, A.</td>
<td>157</td>
</tr>
<tr>
<td>Kuznetsov, A. P.</td>
<td>136</td>
</tr>
<tr>
<td>Kuznetsov, G. S.</td>
<td>29</td>
</tr>
<tr>
<td>Kuznetsov, M. D.</td>
<td>98</td>
</tr>
<tr>
<td>Kuznetsov, V.</td>
<td>82</td>
</tr>
<tr>
<td>Kuznetsova, Ye. M.</td>
<td>107</td>
</tr>
<tr>
<td>Kvashya, Ya.</td>
<td>16</td>
</tr>
<tr>
<td>Kvasnikova, L. N.</td>
<td>178</td>
</tr>
<tr>
<td>Kyuncher, V.</td>
<td>12</td>
</tr>
</tbody>
</table>

- L -

<table>
<thead>
<tr>
<th>Name</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Labachev, M. V.</td>
<td>228</td>
</tr>
<tr>
<td>Labbtin, A. L.</td>
<td>95</td>
</tr>
<tr>
<td>Labeyrie, J.</td>
<td>214</td>
</tr>
<tr>
<td>Labouzhon, D. A.</td>
<td>239</td>
</tr>
<tr>
<td>Name</td>
<td>Page</td>
</tr>
<tr>
<td>-----------------------</td>
<td>------</td>
</tr>
<tr>
<td>Lepis, L. K.</td>
<td>94</td>
</tr>
<tr>
<td>Letavet, A. A.</td>
<td>209</td>
</tr>
<tr>
<td>Leue, Erich</td>
<td>34</td>
</tr>
<tr>
<td>Lev, I. D.</td>
<td>169</td>
</tr>
<tr>
<td>Leveque, P.</td>
<td>127</td>
</tr>
<tr>
<td>Levi, I.</td>
<td>193</td>
</tr>
<tr>
<td>Levi, M. I.</td>
<td>183</td>
</tr>
<tr>
<td>Levian, L. G.</td>
<td>6</td>
</tr>
<tr>
<td>Levin, A. I.</td>
<td>100</td>
</tr>
<tr>
<td>Levaj, H. H.</td>
<td>142</td>
</tr>
<tr>
<td>Levin, I. A.</td>
<td>135</td>
</tr>
<tr>
<td>Levin, V. I.</td>
<td>175</td>
</tr>
<tr>
<td>Levitova, E. N.</td>
<td>162</td>
</tr>
<tr>
<td>Levitskaya, E. S.</td>
<td>87</td>
</tr>
<tr>
<td>Levitskiy, S. M.</td>
<td>122</td>
</tr>
<tr>
<td>Levshin, A.</td>
<td>27</td>
</tr>
<tr>
<td>Leyzerman, V. Yu.</td>
<td>13</td>
</tr>
<tr>
<td>Lhoir, M. J.</td>
<td>234</td>
</tr>
<tr>
<td>Li, Chi-ch'eng</td>
<td>63</td>
</tr>
<tr>
<td>Li, Fu-ch''un</td>
<td>61</td>
</tr>
<tr>
<td>Li, P'ei-yun</td>
<td>185</td>
</tr>
<tr>
<td>Li, Ssu-kuang</td>
<td>163</td>
</tr>
<tr>
<td>Li, Wei-chih</td>
<td>73</td>
</tr>
<tr>
<td>Li, Yin-ts'ang</td>
<td>125</td>
</tr>
<tr>
<td>Liang, Hsiang</td>
<td>62</td>
</tr>
<tr>
<td>Libanati, C.</td>
<td>204</td>
</tr>
<tr>
<td>Liberman, L. L.</td>
<td>177</td>
</tr>
<tr>
<td>Libin, I. Sh.</td>
<td>121</td>
</tr>
<tr>
<td>Ligaj, Aleksander</td>
<td>49</td>
</tr>
<tr>
<td>Lignieres, J.</td>
<td>191</td>
</tr>
<tr>
<td>Lil'yestrand, G.</td>
<td>179</td>
</tr>
<tr>
<td>Lim, Chong-ju</td>
<td>72</td>
</tr>
<tr>
<td>Lindner, R.</td>
<td>240</td>
</tr>
<tr>
<td>Ling, Han</td>
<td>61</td>
</tr>
<tr>
<td>Linnikov, I. K.</td>
<td>142</td>
</tr>
<tr>
<td>Lipitskiy, S.</td>
<td>21</td>
</tr>
<tr>
<td>Lipovskiy, A. A.</td>
<td>108</td>
</tr>
<tr>
<td>Lipshits, B. M.</td>
<td>6, 13</td>
</tr>
<tr>
<td>Lipski, Jan</td>
<td>82</td>
</tr>
<tr>
<td>Liska, E.</td>
<td>33</td>
</tr>
<tr>
<td>Liteanu, E.</td>
<td>44</td>
</tr>
<tr>
<td>Litvinov, N. N.</td>
<td>174</td>
</tr>
<tr>
<td>Liu, Ch'ang-ming</td>
<td>73</td>
</tr>
<tr>
<td>Liu, Shih-chich</td>
<td>185</td>
</tr>
<tr>
<td>Liu, Wan-pang</td>
<td>67</td>
</tr>
<tr>
<td>Liu, Yuan-yuan</td>
<td>185</td>
</tr>
<tr>
<td>Livi, Augusto</td>
<td>17</td>
</tr>
<tr>
<td>Lobachev, A. G.</td>
<td>99</td>
</tr>
<tr>
<td>Lobashev, M. Ye.</td>
<td>179</td>
</tr>
<tr>
<td>Lomov, I. Ya.</td>
<td>20</td>
</tr>
<tr>
<td>Lorenzen, Gerhard</td>
<td>29</td>
</tr>
<tr>
<td>Letters, Jane</td>
<td>225</td>
</tr>
<tr>
<td>Lovchikov, V. S.</td>
<td>6, 13</td>
</tr>
<tr>
<td>Lovchikov, N. G.</td>
<td>186</td>
</tr>
<tr>
<td>Lu, I.</td>
<td>185</td>
</tr>
<tr>
<td>Lu, Ting-i</td>
<td>74</td>
</tr>
<tr>
<td>Luog, W.</td>
<td>204, 206</td>
</tr>
<tr>
<td>Lukacevic, Stjepan</td>
<td>50</td>
</tr>
<tr>
<td>Lukacs, Otto</td>
<td>39</td>
</tr>
<tr>
<td>Lukomskiy, P. V. Y.</td>
<td>176</td>
</tr>
<tr>
<td>Lukomskiy, P. G.</td>
<td>144</td>
</tr>
<tr>
<td>Lukovtsev, P. D.</td>
<td>11</td>
</tr>
<tr>
<td>Luk'yanova, Ye. M.</td>
<td>194</td>
</tr>
<tr>
<td>Luri, M. A.</td>
<td>10</td>
</tr>
<tr>
<td>Lushnikov, K. V.</td>
<td>20</td>
</tr>
<tr>
<td>Luzhnaya, N. P.</td>
<td>248</td>
</tr>
<tr>
<td>Lvov, B. V.</td>
<td>210</td>
</tr>
<tr>
<td>L'vov, F. K.</td>
<td>202</td>
</tr>
<tr>
<td>Lyapunov, A. A.</td>
<td>165</td>
</tr>
<tr>
<td>Lyashenko, V. S.</td>
<td>198</td>
</tr>
<tr>
<td>Lysjuk, V. N.</td>
<td>74</td>
</tr>
<tr>
<td>Lyubimov, Boris</td>
<td>139</td>
</tr>
<tr>
<td>Lyubimov, G. A.</td>
<td>157, 223</td>
</tr>
<tr>
<td>Lyubimova, T. Yu.</td>
<td>221</td>
</tr>
<tr>
<td>Ma, Jui-chun</td>
<td>73</td>
</tr>
<tr>
<td>Mabei, H.</td>
<td>234</td>
</tr>
<tr>
<td>Machonin, Pavel</td>
<td>47</td>
</tr>
<tr>
<td>Machovec, J.</td>
<td>232</td>
</tr>
<tr>
<td>Macecker, H.</td>
<td>241</td>
</tr>
<tr>
<td>Maekelt, H.</td>
<td>165</td>
</tr>
<tr>
<td>Magazanik, A. A.</td>
<td>229</td>
</tr>
<tr>
<td>Magnus, W.</td>
<td>238</td>
</tr>
<tr>
<td>Mahdi-al-Jawhary,</td>
<td></td>
</tr>
<tr>
<td>Mohammedi</td>
<td>60</td>
</tr>
<tr>
<td>Mahlmann, Otto</td>
<td>149</td>
</tr>
<tr>
<td>Makarov, A. V.</td>
<td>107</td>
</tr>
<tr>
<td>Makarov, P.</td>
<td>173</td>
</tr>
<tr>
<td>Makhovka, P. P.</td>
<td>105</td>
</tr>
<tr>
<td>Maksimovic, Branislav</td>
<td>53</td>
</tr>
<tr>
<td>Makulov, N. A.</td>
<td>199</td>
</tr>
<tr>
<td>Maldague, Pierre</td>
<td>233</td>
</tr>
<tr>
<td>Malek, J.</td>
<td>42</td>
</tr>
<tr>
<td>Malek, Rudolf</td>
<td>50</td>
</tr>
<tr>
<td>Malkin, V. B.</td>
<td>87</td>
</tr>
<tr>
<td>Mal'tsev, A. N.</td>
<td>229</td>
</tr>
<tr>
<td>Malyashev, P.</td>
<td>9</td>
</tr>
<tr>
<td>Malyutina, T. S.</td>
<td>87</td>
</tr>
<tr>
<td>Mamedaliyev, Yu. G.</td>
<td>246</td>
</tr>
<tr>
<td>Name</td>
<td>Page</td>
</tr>
<tr>
<td>------------------------------</td>
<td>-------</td>
</tr>
<tr>
<td><strong>Maslyakov, V. N.</strong></td>
<td>229</td>
</tr>
<tr>
<td><strong>Mathe, Georges</strong></td>
<td>186</td>
</tr>
<tr>
<td><strong>Matrical, Miroslav</strong></td>
<td>110</td>
</tr>
<tr>
<td><strong>Matsuda, Y.</strong></td>
<td>115</td>
</tr>
<tr>
<td><strong>Matula, E.</strong></td>
<td>43</td>
</tr>
<tr>
<td><strong>Matveych, B. S.</strong></td>
<td>169</td>
</tr>
<tr>
<td><strong>Matveych, K. I.</strong></td>
<td>182</td>
</tr>
<tr>
<td><strong>Matveych, L. T.</strong></td>
<td>156</td>
</tr>
<tr>
<td><strong>Matveych, M. A.</strong></td>
<td>9</td>
</tr>
<tr>
<td><strong>Matveych, R. R.</strong></td>
<td>9</td>
</tr>
<tr>
<td><strong>Matveych, S.</strong></td>
<td>160</td>
</tr>
<tr>
<td><strong>Matvienko, V. I.</strong></td>
<td>209</td>
</tr>
<tr>
<td><strong>Matzke, H.</strong></td>
<td>240</td>
</tr>
<tr>
<td><strong>Mauersberg, Stanislav</strong></td>
<td>52</td>
</tr>
<tr>
<td><strong>Maurina, A. G.</strong></td>
<td>106</td>
</tr>
<tr>
<td><strong>Mavric, Stefan</strong></td>
<td>45</td>
</tr>
<tr>
<td><strong>Mayants, A. D.</strong></td>
<td>4</td>
</tr>
<tr>
<td><strong>Mayer, A. A.</strong></td>
<td>122</td>
</tr>
<tr>
<td><strong>Mazzolini, C.</strong></td>
<td>114</td>
</tr>
<tr>
<td><strong>Medovar, B. U.</strong></td>
<td>200</td>
</tr>
<tr>
<td><strong>Medvedev, V. A.</strong></td>
<td>107</td>
</tr>
<tr>
<td><strong>Medvedev, K. P.</strong></td>
<td>154</td>
</tr>
<tr>
<td><strong>Melandrobin, N. M.</strong></td>
<td>91</td>
</tr>
<tr>
<td><strong>Melice, M.</strong></td>
<td>234</td>
</tr>
<tr>
<td><strong>Melinovskaya, L. N.</strong></td>
<td>156</td>
</tr>
<tr>
<td><strong>Mel'kumov, T.</strong></td>
<td>244</td>
</tr>
<tr>
<td><strong>Mel'mnikov, N. M.</strong></td>
<td>103</td>
</tr>
<tr>
<td><strong>Melnikova, I.</strong></td>
<td>25</td>
</tr>
<tr>
<td><strong>Merkulov, I.</strong></td>
<td>161</td>
</tr>
<tr>
<td><strong>Maslov, P. G.</strong></td>
<td>98</td>
</tr>
<tr>
<td><strong>Maslov, M.</strong></td>
<td>238</td>
</tr>
<tr>
<td><strong>Maslovsky, V. A.</strong></td>
<td>55</td>
</tr>
<tr>
<td><strong>Matei, O.</strong></td>
<td>130</td>
</tr>
<tr>
<td><strong>Meunier, R.</strong></td>
<td>126</td>
</tr>
<tr>
<td><strong>Neyner, K. P.</strong></td>
<td>239</td>
</tr>
<tr>
<td><strong>Neyerson, G. A.</strong></td>
<td>153</td>
</tr>
<tr>
<td><strong>Nisakovskaya, N.</strong></td>
<td>26</td>
</tr>
<tr>
<td><strong>Kies, E.</strong></td>
<td>127</td>
</tr>
<tr>
<td><strong>Mikhal'tsev, I. Ye.</strong></td>
<td>162</td>
</tr>
<tr>
<td><strong>Mikheyeva, I. M.</strong></td>
<td>220</td>
</tr>
<tr>
<td><strong>Mikhnevich, V. V.</strong></td>
<td>244</td>
</tr>
<tr>
<td><strong>Mikheev, P.</strong></td>
<td>8</td>
</tr>
<tr>
<td><strong>Milaganov, N.</strong></td>
<td>12</td>
</tr>
<tr>
<td><strong>Milch, Stancho</strong></td>
<td>30</td>
</tr>
<tr>
<td><strong>Milienkov, Stancho</strong></td>
<td>30</td>
</tr>
<tr>
<td><strong>Milevskiy, A. Ya.</strong></td>
<td>194</td>
</tr>
<tr>
<td><strong>Mohlberg, H.</strong></td>
<td>206</td>
</tr>
<tr>
<td><strong>Moiseyev, I.</strong></td>
<td>118</td>
</tr>
<tr>
<td><strong>Moiseyev, V. D.</strong></td>
<td>106</td>
</tr>
<tr>
<td><strong>Moison, J.</strong></td>
<td>110</td>
</tr>
<tr>
<td><strong>Mokhir, E. D.</strong></td>
<td>201</td>
</tr>
<tr>
<td><strong>Molchanov, V. A.</strong></td>
<td>226</td>
</tr>
<tr>
<td><strong>Moldavskiy, O. D.</strong></td>
<td>201</td>
</tr>
<tr>
<td><strong>Molinder, G.</strong></td>
<td>208</td>
</tr>
<tr>
<td><strong>Mollwo, L.</strong></td>
<td>129</td>
</tr>
<tr>
<td><strong>Molina, E.</strong></td>
<td>48</td>
</tr>
<tr>
<td><strong>Monteleone, M.</strong></td>
<td>191</td>
</tr>
<tr>
<td><strong>Morariu, T.</strong></td>
<td>44</td>
</tr>
<tr>
<td><strong>Moreno, Dzh. I.</strong></td>
<td>24</td>
</tr>
<tr>
<td><strong>Morichini, D.</strong></td>
<td>191</td>
</tr>
<tr>
<td><strong>Morilleau, E.</strong></td>
<td>237</td>
</tr>
<tr>
<td><strong>Morozenskii, A. A.</strong></td>
<td>156</td>
</tr>
<tr>
<td><strong>Morozov, V. M.</strong></td>
<td>122</td>
</tr>
<tr>
<td><strong>Morozova, E. M.</strong></td>
<td>13</td>
</tr>
<tr>
<td><strong>Morton, A.</strong></td>
<td>86</td>
</tr>
<tr>
<td><strong>Mossalev, Yu. I.</strong></td>
<td>174</td>
</tr>
<tr>
<td>Name</td>
<td>Page</td>
</tr>
<tr>
<td>-----------------------------</td>
<td>------</td>
</tr>
<tr>
<td>Naboko, I. M.</td>
<td>121</td>
</tr>
<tr>
<td>Naughtel, F.</td>
<td>12</td>
</tr>
<tr>
<td>Naimgier, Bronislaw</td>
<td>41</td>
</tr>
<tr>
<td>Nalbandian, A. B.</td>
<td>94</td>
</tr>
<tr>
<td>Nalivkin, D. V.</td>
<td>160</td>
</tr>
<tr>
<td>Nam, W.</td>
<td>130</td>
</tr>
<tr>
<td>Napalkov, Yu. V.</td>
<td>161</td>
</tr>
<tr>
<td>Narzykov, I. S.</td>
<td>28</td>
</tr>
<tr>
<td>Nataf, R.</td>
<td>237</td>
</tr>
<tr>
<td>Nauck, E. G.</td>
<td>189</td>
</tr>
<tr>
<td>Naulko, V. I.</td>
<td>250</td>
</tr>
<tr>
<td>Naumann, F. K.</td>
<td>113</td>
</tr>
<tr>
<td>Naumov, B. N.</td>
<td>135</td>
</tr>
<tr>
<td>Naydych, Yu. V.</td>
<td>208</td>
</tr>
<tr>
<td>Negrea, Ludovic</td>
<td>44</td>
</tr>
<tr>
<td>Neifeld, I. E.</td>
<td>143</td>
</tr>
<tr>
<td>Nekrasov, N. N.</td>
<td>246</td>
</tr>
<tr>
<td>Nemchenko, V.</td>
<td>247</td>
</tr>
<tr>
<td>Nersesov, I. L.</td>
<td>161</td>
</tr>
<tr>
<td>Neshpor, V. S.</td>
<td>201</td>
</tr>
<tr>
<td>Nesmeyanov, A. N.</td>
<td>221</td>
</tr>
<tr>
<td>Nesmeyanov, An. N.</td>
<td>200</td>
</tr>
<tr>
<td>Nesterov, V. G.</td>
<td>90</td>
</tr>
<tr>
<td>Nevskiy, N. A.</td>
<td>20</td>
</tr>
<tr>
<td>Nguyen, Van Dong</td>
<td>236</td>
</tr>
<tr>
<td>Nicovescu, Horia</td>
<td>45</td>
</tr>
<tr>
<td>Nieciunski, Witold</td>
<td>42</td>
</tr>
<tr>
<td>Nii, Ben-Wei</td>
<td>62</td>
</tr>
<tr>
<td>Nisbet, F.</td>
<td>206</td>
</tr>
<tr>
<td>Nikishchenko, T. Y.</td>
<td>197</td>
</tr>
<tr>
<td>Nikitko, V. I.</td>
<td>120</td>
</tr>
<tr>
<td>Nikolayenko, N. S.</td>
<td>122</td>
</tr>
<tr>
<td>Nikolayev, A. V.</td>
<td>97</td>
</tr>
<tr>
<td>Nikolayev, K.</td>
<td>21</td>
</tr>
<tr>
<td>Nikolayev, N. A.</td>
<td>195</td>
</tr>
<tr>
<td>Nikolayev, N. S.</td>
<td>99</td>
</tr>
<tr>
<td>Nikolayeva, E. R.</td>
<td>105</td>
</tr>
<tr>
<td>Nikolayeva, T. M.</td>
<td>248</td>
</tr>
<tr>
<td>Nikolskiy, G. M.</td>
<td>83</td>
</tr>
<tr>
<td>Nikulienkov, A.</td>
<td>20</td>
</tr>
<tr>
<td>Niuksha, Yu. P.</td>
<td>86</td>
</tr>
<tr>
<td>Niyahekov, S.</td>
<td>4</td>
</tr>
<tr>
<td>Nomikhin, Ts. D.</td>
<td>30</td>
</tr>
<tr>
<td>Nordemann, D.</td>
<td>236</td>
</tr>
<tr>
<td>Novikov, S. S.</td>
<td>104</td>
</tr>
<tr>
<td>Novikov, Yu. V.</td>
<td>171</td>
</tr>
<tr>
<td>Novikova, A. P.</td>
<td>174</td>
</tr>
<tr>
<td>Novikova, M. I.</td>
<td>195</td>
</tr>
<tr>
<td>Novoselov, V. S.</td>
<td>144</td>
</tr>
<tr>
<td>Nuri, Baba Ud-Din</td>
<td>60</td>
</tr>
<tr>
<td>- O -</td>
<td></td>
</tr>
<tr>
<td>Oberhettinger, F.</td>
<td>233</td>
</tr>
<tr>
<td>Odlevelevych, V. I.</td>
<td>231</td>
</tr>
<tr>
<td>Ognyeva, A. K.</td>
<td>153</td>
</tr>
<tr>
<td>Okuniev, A. I.</td>
<td>221</td>
</tr>
<tr>
<td>Okushina, Motoyoshi</td>
<td>242</td>
</tr>
<tr>
<td>Ol'shanskiy, N. A.</td>
<td>136</td>
</tr>
<tr>
<td>Oncescu, Mircea</td>
<td>44</td>
</tr>
<tr>
<td>Oprin, D.</td>
<td>17</td>
</tr>
<tr>
<td>Orbaneja, E. Belgado</td>
<td>59</td>
</tr>
<tr>
<td>Orekhov, F.</td>
<td>26</td>
</tr>
<tr>
<td>Oreshko, V. F.</td>
<td>171</td>
</tr>
<tr>
<td>Osipov, K. A.</td>
<td>201</td>
</tr>
<tr>
<td>Ostrovskiy, Y. L.</td>
<td>219</td>
</tr>
<tr>
<td>Oseledets, N. N.</td>
<td>87</td>
</tr>
<tr>
<td>Osetinskiy, G. M.</td>
<td>122</td>
</tr>
<tr>
<td>Ohman, V. A.</td>
<td>14</td>
</tr>
<tr>
<td>Ostrovskiy, S. A.</td>
<td>15</td>
</tr>
<tr>
<td>Ostrovskiy, G. Ye.</td>
<td>173</td>
</tr>
<tr>
<td>Ottesen, B. V.</td>
<td>106</td>
</tr>
<tr>
<td>Ovccharov, K. E.</td>
<td>86</td>
</tr>
<tr>
<td>Ovechkin, K. N.</td>
<td>160</td>
</tr>
<tr>
<td>Owe Berg, T. G.</td>
<td>111</td>
</tr>
<tr>
<td>Ozaki, Shotaro</td>
<td>64</td>
</tr>
</tbody>
</table>

- 265 -
<table>
<thead>
<tr>
<th>Name</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Padiak, Jerzy</td>
<td>38</td>
</tr>
<tr>
<td>Picard, E.</td>
<td>215</td>
</tr>
<tr>
<td>Pichkur, I. P.</td>
<td>177</td>
</tr>
<tr>
<td>Pietri, G.</td>
<td>235</td>
</tr>
<tr>
<td>Pietzka</td>
<td>238</td>
</tr>
<tr>
<td>Pikulner, S. B.</td>
<td>83, 84</td>
</tr>
<tr>
<td>Pileina, N. P.</td>
<td>99</td>
</tr>
<tr>
<td>Pilipuk, K.</td>
<td>28</td>
</tr>
<tr>
<td>Pilyugin</td>
<td>20</td>
</tr>
<tr>
<td>Pinigin, A. F.</td>
<td>180</td>
</tr>
<tr>
<td>Pirotto, J.</td>
<td>145</td>
</tr>
<tr>
<td>Pisarevskiy, A. N.</td>
<td>121</td>
</tr>
<tr>
<td>Pitskhelauri, Ye. N.</td>
<td>107</td>
</tr>
<tr>
<td>Plainevaux, J. E.</td>
<td>114, 150</td>
</tr>
<tr>
<td>Plaksin, I. N.</td>
<td>15</td>
</tr>
<tr>
<td>Planovskiy, A. N.</td>
<td>100</td>
</tr>
<tr>
<td>Platonov, F. P.</td>
<td>173</td>
</tr>
<tr>
<td>Plojhar, J.</td>
<td>186</td>
</tr>
<tr>
<td>Podbedinskiy, M. N.</td>
<td>175</td>
</tr>
<tr>
<td>Podolyan, V. Ya.</td>
<td>176</td>
</tr>
<tr>
<td>Podzolova, E. C.</td>
<td>10</td>
</tr>
<tr>
<td>Pogodin-Alekseyev, G. I.</td>
<td>201</td>
</tr>
<tr>
<td>Pogosyan, P.</td>
<td>159</td>
</tr>
<tr>
<td>Polak, Stanislaw</td>
<td>43</td>
</tr>
<tr>
<td>Poloskov, S. M.</td>
<td>83</td>
</tr>
<tr>
<td>Polukhin, P. I.</td>
<td>1</td>
</tr>
<tr>
<td>Polyakov, G. I.</td>
<td>169</td>
</tr>
<tr>
<td>Polyakov, N. P.</td>
<td>119</td>
</tr>
<tr>
<td>Polyakov, V. I.</td>
<td>7</td>
</tr>
<tr>
<td>Pomarola, J.</td>
<td>110</td>
</tr>
<tr>
<td>Pomerov, I. P.</td>
<td>17</td>
</tr>
<tr>
<td>Ponomar', Ye. K.</td>
<td>177</td>
</tr>
<tr>
<td>Ponomarenko, V. A.</td>
<td>96</td>
</tr>
<tr>
<td>Ponomarev, A. A.</td>
<td>96</td>
</tr>
<tr>
<td>Ponomarev, V. D.</td>
<td>6</td>
</tr>
<tr>
<td>Ponomarev, Ye. A.</td>
<td>83</td>
</tr>
<tr>
<td>Ponomareva, L. K.</td>
<td>103</td>
</tr>
<tr>
<td>Popov, S. I.</td>
<td>14</td>
</tr>
<tr>
<td>Popov, S. K.</td>
<td>93</td>
</tr>
<tr>
<td>Popov, V. M.</td>
<td>213</td>
</tr>
<tr>
<td>Popova, A. A.</td>
<td>92</td>
</tr>
<tr>
<td>Pospelov, V.</td>
<td>123</td>
</tr>
<tr>
<td>Poteyko, I. A.</td>
<td>23</td>
</tr>
<tr>
<td>Pourbaix, M.</td>
<td>204</td>
</tr>
<tr>
<td>Name</td>
<td>Page(s)</td>
</tr>
<tr>
<td>-----------------------</td>
<td>-----------</td>
</tr>
<tr>
<td>Rozanov, A. N.</td>
<td>198, 199</td>
</tr>
<tr>
<td>Rozelhnal, D.</td>
<td>19</td>
</tr>
<tr>
<td>Rosen, A. L.</td>
<td>103</td>
</tr>
<tr>
<td>Rozman, I. M.</td>
<td>119</td>
</tr>
<tr>
<td>Rubinchtein, A. M.</td>
<td>96</td>
</tr>
<tr>
<td>Rubtsov, I. A.</td>
<td>87</td>
</tr>
<tr>
<td>Rudak, Ye. G.</td>
<td>4</td>
</tr>
<tr>
<td>Rudenko, L. N.</td>
<td>98</td>
</tr>
<tr>
<td>Rudenko, N. S.</td>
<td>224</td>
</tr>
<tr>
<td>Rudenko, O. V.</td>
<td>174</td>
</tr>
<tr>
<td>Rukin, N.</td>
<td>173</td>
</tr>
<tr>
<td>Rura, M. A.</td>
<td>141</td>
</tr>
<tr>
<td>Russov, V.</td>
<td>22</td>
</tr>
<tr>
<td>Ruttner, J. R.</td>
<td>189</td>
</tr>
<tr>
<td>Ryabchikov, D. S.</td>
<td>109</td>
</tr>
<tr>
<td>Ryabinin, L. A.</td>
<td>161</td>
</tr>
<tr>
<td>Rybakov, B. V.</td>
<td>209</td>
</tr>
<tr>
<td>Rybalko, G.</td>
<td>16</td>
</tr>
<tr>
<td>Rybalko, V. S.</td>
<td>209</td>
</tr>
<tr>
<td>Ryzov, A. G.</td>
<td>117</td>
</tr>
<tr>
<td>Rytor, S. M.</td>
<td>218</td>
</tr>
<tr>
<td>Rzebik, T.</td>
<td>43</td>
</tr>
<tr>
<td>Rzebik, Tadeusz</td>
<td>43</td>
</tr>
<tr>
<td>- S -</td>
<td></td>
</tr>
<tr>
<td>Sablev, P.</td>
<td>10</td>
</tr>
<tr>
<td>Sadomskiy, A. M.</td>
<td>167</td>
</tr>
<tr>
<td>Sarahnov, A. Ya.</td>
<td>282</td>
</tr>
<tr>
<td>Sagaydak, N. D.</td>
<td>172</td>
</tr>
<tr>
<td>Sakata, S.</td>
<td>115, 212</td>
</tr>
<tr>
<td>Salamandra, G. D.</td>
<td>121</td>
</tr>
<tr>
<td>Samoilov, B. N.</td>
<td>195</td>
</tr>
<tr>
<td>Samoilov, O. Ya.</td>
<td>230</td>
</tr>
<tr>
<td>Samoshkina, V. A.</td>
<td>169</td>
</tr>
<tr>
<td>Samoylovich, G. G.</td>
<td>23</td>
</tr>
<tr>
<td>Samuel, C.</td>
<td>127</td>
</tr>
<tr>
<td>Samoilov, E. V.</td>
<td>218</td>
</tr>
<tr>
<td>Sander, Kurt Joachim</td>
<td>49</td>
</tr>
<tr>
<td>Saneyoshi, Junichi</td>
<td>282</td>
</tr>
<tr>
<td>Sanis, A. A.</td>
<td>123</td>
</tr>
<tr>
<td>Satyhalov, A. A.</td>
<td>24</td>
</tr>
<tr>
<td>Savin, I.</td>
<td>202</td>
</tr>
<tr>
<td>Savinskly, G.</td>
<td>11</td>
</tr>
<tr>
<td>Savitsch, V. V.</td>
<td>177</td>
</tr>
<tr>
<td>Savitski, E.</td>
<td>45</td>
</tr>
<tr>
<td>Savu, A.</td>
<td>44</td>
</tr>
<tr>
<td>- 268 -</td>
<td></td>
</tr>
<tr>
<td>Sokolov, A.</td>
<td>10, 18</td>
</tr>
<tr>
<td>------------</td>
<td>--------</td>
</tr>
<tr>
<td>Sokolov, B. S.</td>
<td>160</td>
</tr>
<tr>
<td>Sokolov, M. I.</td>
<td>181</td>
</tr>
<tr>
<td>Sokolov, N. N.</td>
<td>171</td>
</tr>
<tr>
<td>Sokolov, V.</td>
<td>22</td>
</tr>
<tr>
<td>Sokolov, V. A.</td>
<td>244</td>
</tr>
<tr>
<td>Sokolova, I.</td>
<td>223</td>
</tr>
<tr>
<td>Sokolova, V. G.</td>
<td>175</td>
</tr>
<tr>
<td>Sokolovskiy, Yu. I.</td>
<td>246</td>
</tr>
<tr>
<td>Solodkov, M.</td>
<td>8</td>
</tr>
<tr>
<td>Solodovnikov, V.</td>
<td>10</td>
</tr>
<tr>
<td>Solov'yev, V. D.</td>
<td>131</td>
</tr>
<tr>
<td>Solov'yev, Yu. N.</td>
<td>174</td>
</tr>
<tr>
<td>Solyskin, G. Ye.</td>
<td>120</td>
</tr>
<tr>
<td>Songina, O. A.</td>
<td>98</td>
</tr>
<tr>
<td>Somerfeld, A.</td>
<td>88</td>
</tr>
<tr>
<td>Socchetin, E. S.</td>
<td>209</td>
</tr>
<tr>
<td>Soriano, A.</td>
<td>89</td>
</tr>
<tr>
<td>Sorokin, J. V.</td>
<td>226</td>
</tr>
<tr>
<td>Sorokina, A. A.</td>
<td>97</td>
</tr>
<tr>
<td>Sorokina, A. P.</td>
<td>13</td>
</tr>
<tr>
<td>Sos, Jozsef</td>
<td>39</td>
</tr>
<tr>
<td>Sosin, V.</td>
<td>143</td>
</tr>
<tr>
<td>Spendiarov, N. N.</td>
<td>92</td>
</tr>
<tr>
<td>Speransov, N.</td>
<td>5</td>
</tr>
<tr>
<td>Spitzbarth, H</td>
<td>188</td>
</tr>
<tr>
<td>Springer, A.</td>
<td>36</td>
</tr>
<tr>
<td>Srb, Vladimir</td>
<td>51</td>
</tr>
<tr>
<td>Srchialyant, Ampern</td>
<td>72, 74</td>
</tr>
<tr>
<td>Srovnal, J.</td>
<td>48</td>
</tr>
<tr>
<td>Su, Hai-ming</td>
<td>73</td>
</tr>
<tr>
<td>Su, Ya-feng</td>
<td>73</td>
</tr>
<tr>
<td>Stakhnov, I. P.</td>
<td>218</td>
</tr>
<tr>
<td>Stal'nenko, Ye. S.</td>
<td>194</td>
</tr>
<tr>
<td>Stanchi, L.</td>
<td>134</td>
</tr>
<tr>
<td>Stanukovich, K. P.</td>
<td>223</td>
</tr>
<tr>
<td>Starcuk, Zenon</td>
<td>211</td>
</tr>
<tr>
<td>Starik, I. E.</td>
<td>98</td>
</tr>
<tr>
<td>Starik, L. E.</td>
<td>102</td>
</tr>
<tr>
<td>Starocovici, G.</td>
<td>190</td>
</tr>
<tr>
<td>Starostin, T. I.</td>
<td>1</td>
</tr>
<tr>
<td>Staseenko, V. I.</td>
<td>196</td>
</tr>
<tr>
<td>Staviskiy, Yu. Ya.</td>
<td>218</td>
</tr>
<tr>
<td>Steenbeck, M.</td>
<td>240</td>
</tr>
<tr>
<td>Stepanov, Nikolai</td>
<td>47</td>
</tr>
<tr>
<td>Stepanchenko, V.</td>
<td>7</td>
</tr>
<tr>
<td>Stepanov, E. F.</td>
<td>195</td>
</tr>
<tr>
<td>Stepanov, I. V.</td>
<td>92</td>
</tr>
<tr>
<td>Stepanov, V. Ye.</td>
<td>85</td>
</tr>
<tr>
<td>Steplina, V.</td>
<td>33</td>
</tr>
<tr>
<td>Steplinski, Mieczyslaw</td>
<td>41</td>
</tr>
<tr>
<td>Stepukhovich, A. D.</td>
<td>105, 230</td>
</tr>
<tr>
<td>Sterkin, A. M.</td>
<td>13</td>
</tr>
<tr>
<td>Steyskalova, T.</td>
<td>165</td>
</tr>
<tr>
<td>Stezhinskiy, A. I.</td>
<td>155</td>
</tr>
<tr>
<td>Stohr, J. A.</td>
<td>115</td>
</tr>
<tr>
<td>Straube, Fritz</td>
<td>129</td>
</tr>
<tr>
<td>Strejcek, M.</td>
<td>33</td>
</tr>
<tr>
<td>Strelnikova, I. A.</td>
<td>103</td>
</tr>
<tr>
<td>Strelnits'ova, V. N.</td>
<td>174</td>
</tr>
<tr>
<td>Streng</td>
<td>131</td>
</tr>
<tr>
<td>Strizova, A.</td>
<td>51</td>
</tr>
<tr>
<td>Strobl, Franz</td>
<td>77</td>
</tr>
<tr>
<td>Strumilin, S.</td>
<td>16</td>
</tr>
<tr>
<td>Stupochenko, E. V.</td>
<td>218</td>
</tr>
<tr>
<td>Styrlikovich, M. A.</td>
<td>227</td>
</tr>
<tr>
<td>Suchan, Karel</td>
<td>32</td>
</tr>
<tr>
<td>Sudoplatov, A. P.</td>
<td>2</td>
</tr>
<tr>
<td>Suglobova, L. G.</td>
<td>108</td>
</tr>
<tr>
<td>Suhrmann, R.</td>
<td>216</td>
</tr>
<tr>
<td>Sukhov, L. V.</td>
<td>120</td>
</tr>
<tr>
<td>Sung, Shao-chang</td>
<td>184</td>
</tr>
<tr>
<td>Suchkov, Yu.</td>
<td>227</td>
</tr>
<tr>
<td>Svadkovskiy, B. S.</td>
<td>168</td>
</tr>
<tr>
<td>Svatkov, N. M.</td>
<td>160</td>
</tr>
<tr>
<td>Sverdlov, V. S.</td>
<td>174</td>
</tr>
<tr>
<td>Svetilitsky, M.</td>
<td>244</td>
</tr>
<tr>
<td>Sviderskaya, T. A.</td>
<td>171</td>
</tr>
<tr>
<td>Swierniak, Jan</td>
<td>43</td>
</tr>
<tr>
<td>Syrkin, Ya. K.</td>
<td>95</td>
</tr>
<tr>
<td>Sysoyev, N. N.</td>
<td>144</td>
</tr>
<tr>
<td>Szuleczynski, Stanislaw</td>
<td>49</td>
</tr>
</tbody>
</table>

---

| T' an, Ch' ing-lin | 203 |
| T' an, Wen-jui | 69 |

---

<p>| Tachon, J. | 213 |
| Tadamitsu, Nishinaga | 64 |
| Tadyrova, T. K. | 170 |
| Takahashi, Shvichiro | 208 |
| Takikawa, H. | 192 |
| Talantov, A. V. | 224 |
| Talov, L. | 26 |
| Tamasy, Jozsef | 52 |
| Tammann, G. | 207 |
| T'an, Ch' ing-lin | 203 |
| T'an, Wen-jui | 69 |</p>
<table>
<thead>
<tr>
<th>Name</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vandor, J.</td>
<td>113</td>
</tr>
<tr>
<td>Vannucchi, V.</td>
<td>192</td>
</tr>
<tr>
<td>Varfolomeyeva, L. A.</td>
<td>93</td>
</tr>
<tr>
<td>Vareshevskiy, Ya. M.</td>
<td>106, 231</td>
</tr>
<tr>
<td>Varvarov, N. A.</td>
<td>85</td>
</tr>
<tr>
<td>Vasilenko, A. A.</td>
<td>11, 243</td>
</tr>
<tr>
<td>Vasilenko, V. A.</td>
<td>19</td>
</tr>
<tr>
<td>Vasilievskaya, D. P.</td>
<td>209</td>
</tr>
<tr>
<td>Vdovenko, V.</td>
<td>108</td>
</tr>
<tr>
<td>Vdovenko, V. M.</td>
<td>101, 102</td>
</tr>
<tr>
<td>Vechihyaev, V. A. A.</td>
<td>93</td>
</tr>
<tr>
<td>Vekhavyatskiy, S. K.</td>
<td>83</td>
</tr>
<tr>
<td>Vemil, O.</td>
<td>226</td>
</tr>
<tr>
<td>Venger, V. B.</td>
<td>219</td>
</tr>
<tr>
<td>Veadrov, S. L.</td>
<td>23</td>
</tr>
<tr>
<td>Versheybiorn, A. E.</td>
<td>140</td>
</tr>
<tr>
<td>Veselovskiy, V. I.</td>
<td>229</td>
</tr>
<tr>
<td>Vetrov, Yu. A.</td>
<td>140</td>
</tr>
<tr>
<td>Viakhirev, D. A.</td>
<td>222</td>
</tr>
<tr>
<td>Vigier, J. P.</td>
<td>212</td>
</tr>
<tr>
<td>Vilkman, V. S.</td>
<td>116</td>
</tr>
<tr>
<td>Vincent-Geisse, J.</td>
<td>235, 238</td>
</tr>
<tr>
<td>Vines, E.</td>
<td>114</td>
</tr>
<tr>
<td>Vinogradov, G. V.</td>
<td>99</td>
</tr>
<tr>
<td>Vinogradov, S. D.</td>
<td>161</td>
</tr>
<tr>
<td>Vinokurov, F. P.</td>
<td>249</td>
</tr>
<tr>
<td>Visca, A.</td>
<td>191</td>
</tr>
<tr>
<td>Visilev, K.</td>
<td>26</td>
</tr>
<tr>
<td>Vitkevich, V. V.</td>
<td>83</td>
</tr>
<tr>
<td>Vitovsky, V. V.</td>
<td>103</td>
</tr>
<tr>
<td>Vladimirskiy, V. V.</td>
<td>226</td>
</tr>
<tr>
<td>Vlasov, K. P.</td>
<td>138</td>
</tr>
<tr>
<td>Vlasov, V. Z.</td>
<td>223</td>
</tr>
<tr>
<td>Vleduts, G. E.</td>
<td>90</td>
</tr>
<tr>
<td>Vlodavets, V. V.</td>
<td>182</td>
</tr>
<tr>
<td>Vogel, A. P.</td>
<td>189</td>
</tr>
<tr>
<td>Vogt, E.</td>
<td>238</td>
</tr>
<tr>
<td>Voisin, S. I.</td>
<td>180</td>
</tr>
<tr>
<td>Vojtech, P.</td>
<td>144</td>
</tr>
<tr>
<td>Vokurka, J.</td>
<td>125</td>
</tr>
<tr>
<td>Volker, H.</td>
<td>216</td>
</tr>
<tr>
<td>Volodarskiy, L. M.</td>
<td>2</td>
</tr>
<tr>
<td>Voloshchuk, N. N.</td>
<td>143</td>
</tr>
<tr>
<td>Von Bogdandy, Ludwig</td>
<td>205</td>
</tr>
<tr>
<td>Vorob'ev, N.</td>
<td>16</td>
</tr>
<tr>
<td>Vorob'jev, A. A.</td>
<td>120</td>
</tr>
<tr>
<td>Vorob'jeva, A.</td>
<td>46</td>
</tr>
<tr>
<td>Voronin, L. G.</td>
<td>184</td>
</tr>
<tr>
<td>Voronin, N. I.</td>
<td>10</td>
</tr>
<tr>
<td>Voss, Ernest</td>
<td>113</td>
</tr>
<tr>
<td>Voyno, A. V.</td>
<td>166</td>
</tr>
<tr>
<td>Vrons'kiy, B. I.</td>
<td>160</td>
</tr>
<tr>
<td>Vsekhvatskiy, S. K.</td>
<td>83</td>
</tr>
<tr>
<td>Vyazemski, V. O.</td>
<td>121</td>
</tr>
<tr>
<td>Vyborov, G. P.</td>
<td>180</td>
</tr>
</tbody>
</table>

**W**

<table>
<thead>
<tr>
<th>Name</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wachtler, M.</td>
<td>126</td>
</tr>
<tr>
<td>Wagner, R.</td>
<td>216</td>
</tr>
<tr>
<td>Wallace, C. S.</td>
<td>127</td>
</tr>
<tr>
<td>Wallichs, A.</td>
<td>149</td>
</tr>
<tr>
<td>Wallravens, Armand</td>
<td>234</td>
</tr>
<tr>
<td>Walther, Gernaud</td>
<td>35</td>
</tr>
<tr>
<td>Wang, Cheng-fa</td>
<td>185</td>
</tr>
<tr>
<td>Wang, Chu-ch'i</td>
<td>232</td>
</tr>
<tr>
<td>Wang, Li</td>
<td>69</td>
</tr>
<tr>
<td>Wang, Shou-wu</td>
<td>232</td>
</tr>
<tr>
<td>Wang, Te-p'u</td>
<td>185</td>
</tr>
<tr>
<td>Wang, Wen-yen</td>
<td>185</td>
</tr>
<tr>
<td>Watanabe, T.</td>
<td>208</td>
</tr>
<tr>
<td>Waturu, Runasaka</td>
<td>241</td>
</tr>
<tr>
<td>Wei, Kuo-ch'ing</td>
<td>62</td>
</tr>
<tr>
<td>Weill, J.</td>
<td>236</td>
</tr>
<tr>
<td>Weiszburg, Janos</td>
<td>134</td>
</tr>
<tr>
<td>Weyland, H.</td>
<td>188</td>
</tr>
<tr>
<td>Wiegand, H.</td>
<td>206, 239</td>
</tr>
<tr>
<td>Willems, J.</td>
<td>207</td>
</tr>
<tr>
<td>Winn, M. M.</td>
<td>127</td>
</tr>
<tr>
<td>Winzer, Gerhard</td>
<td>205</td>
</tr>
<tr>
<td>Wirth, H.</td>
<td>112</td>
</tr>
<tr>
<td>Witkowski, J.</td>
<td>42</td>
</tr>
<tr>
<td>Wodzynski, Radeusz</td>
<td>53</td>
</tr>
<tr>
<td>Wojciehowski, Bronislav</td>
<td>41</td>
</tr>
<tr>
<td>Wu, Chih-chung</td>
<td>185</td>
</tr>
<tr>
<td>Wu, Hsiu-chou</td>
<td>109</td>
</tr>
<tr>
<td>Wu, Hsiu-wei</td>
<td>245</td>
</tr>
<tr>
<td>Wu, Yu-hsun</td>
<td>232</td>
</tr>
<tr>
<td>Wyss, U.</td>
<td>206</td>
</tr>
</tbody>
</table>

**Y**

<table>
<thead>
<tr>
<th>Name</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yablokov, B. N.</td>
<td>226</td>
</tr>
<tr>
<td>Yablokov, L. A.</td>
<td>27</td>
</tr>
<tr>
<td>Yaglom, A. M.</td>
<td>248</td>
</tr>
<tr>
<td>Yaglom, I. M.</td>
<td>248</td>
</tr>
<tr>
<td>Yagodin, G. A.</td>
<td>97</td>
</tr>
<tr>
<td>Yakimenko, L. M.</td>
<td>108</td>
</tr>
<tr>
<td>Name</td>
<td>Page</td>
</tr>
<tr>
<td>-------------------</td>
<td>------</td>
</tr>
<tr>
<td>Ziserman, A. M.</td>
<td>173</td>
</tr>
<tr>
<td>Zoloev, V.</td>
<td>15</td>
</tr>
<tr>
<td>Zolotavin, L.</td>
<td>103</td>
</tr>
<tr>
<td>Zolotov, Yu. A.</td>
<td>95</td>
</tr>
<tr>
<td>Zorev, N. N.</td>
<td>45</td>
</tr>
<tr>
<td>Zotikova, I. N.</td>
<td>87</td>
</tr>
<tr>
<td>Zorulya, N. V.</td>
<td>220</td>
</tr>
<tr>
<td>Zubelewicz, M.</td>
<td>42</td>
</tr>
<tr>
<td>Zverev, M. S.</td>
<td>244</td>
</tr>
</tbody>
</table>
COVER-TO-COVER TRANSLATIONS
(Received during April)

Avtomatika i Telemekhanika, Vol XX, No 7, 8, 1959.


Izmeritel'naya Tekhnika, No 1, 1959.


Kauchuk i Rezina, No 10, 1959.


Pribory i Tekhnika Eksperimenta, No 1, 1959.


Instru Soc of Amer

Instru Soc of Amer

Instruments Soc of Amer

AIBS

Instru Soc of Amer

Amer Geophys Union

Instru Soc of Amer

Instru Soc of Amer

Instru Soc of Amer

Instru Soc of Amer
Stal, No 10, 1959.
Vestnik Vozdushnogo Flota, No 9, 1959.

BISI


ATIC


PP

Zavodskaya Laboratoriya, Vol XXV, No 1, 2, 3, 1959.

JPRS 2443

Zhurnal EKperimental'noy i Teoreticheskoy Fiziki, Vol XXXVII, No 3(9), 1959.

Instru Soc of Amer

Zhurnal EKperimental'noy i Teoreticheskoy Fiziki, Vol XXXVII, No 4(10), 1959.

AIP


Sov Phys-JETP

* * *

Sov Phys-JETP

CB

- 276 -
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,

Sergio N. Alcivar  
Chief, CIA Declassification Center,  
Declassification Review and Referral Branch

Enclosures:

1. Declassification Review of CIA Documents at DTIC (with sanitization instructions for 3 documents)
2. Declassification Status of CIA Documents (hard copy) Referred by DTIC (with review processing sheets for each document)