

Research and Industrial Geophysics.

RUSSIAN, bk, Issledovannaya i Promyshlennaya  
Geofizika, No 36, Moscow, 1960, pp 1-30.

ACIC

Sci - Geophys

Feb 63

221,421

Study of Beryllium and Chromium Whiskers, y  
by V. M. Amonenko, B. M. Vasyutinskiy, et al,  
5 pp.  
RUSSIAN, per. Issledovaniya Institut Metallurgii  
po Vysokoprochnym Splavam i Nitvidnym Kris-  
tallam. Doklady Na Nauchnoy Sezsi 1962, 1963,  
pp 34-36. 0027814  
FTD TT-65-339

Sci  
Chem

288,526

Research on Wear of Metals. Effect of Residual  
Stress on the Abrasive Wear Resistance of Metals  
and on Wear in an Oxidizing Medium, by  
M. H. Muruchakov, N. A. Babychov.

RUSSIAN, in, Issledovaniya Iznachivaniya Metallov,  
Sbornik Statей XII, 1960.

NEL No 890

Sci - M/M  
Aug 60

341,385

Stud. of Americium and Curium Complexes With  
Alpha Hydroxybutyric Acid, by V. B. Dedov, M. N.  
Ryshov, P. S. Trukhlyayev, G. N. Yakovlev,

RUSSIAN, bk, Issledovanie Kompleksoobrazovaniya  
Ameritsiya i Kiuriya s  $\alpha$ -Oksiizomaslianoi Kislotoi,  
1960.

\*AEC

Sci - Chem

88 Oct 60

Inst 43

Convective motions in a free  
Atmosphere, by N. I. Vul'fson, 188 pp.  
RUSSIAN, bk. Issledovanie konvektivnykh  
dvizhenii v svobodnoi atmosfere, Moscow  
1961.

JTS 64-11017

(<sup>"</sup>CONVECTIVE ACTIONS IN A FREE  
Atmosphere) title

USSR

Sci

MAR 65

275,747

Investigation of the Corrosive and Electrochemical  
Behavior of 12 x n Steel in Water at a High  
Temperature, by V. V. Gerasimov, A. I. Gromova,  
21 pp.

RUSSIAN, bk, Issledovanie Korrozionnogo i  
Elektrokhimicheskogo Povedeniya Stali 12 x M v Vode  
pri Vysokoy Temperaturc, 1960. 9091513

AEC SCL-T-376

176,834

Sci - Chem  
Dec 61

Study of Critical Parameters for Reactor  
Systems, 182 pp.

RUSSIAN, bk, Issledovaniya Kriticheskikh  
Parametrov Reaktoruykh System, 1960,  
pp 3-117. 9676160-V

FTD-TT-61-124

Sci - Phys

188,802

3 Apr 62

Researches on Luminescence, by D. V. Skovel'tsyn.  
RUSSIAN, mono, Issledovaniya po Lyuminesentsii,  
Moscow, 1963, 168 pp.

\*CB

Sci-Phys  
May 64



Researches on Luminescence, by D. V. Jakobel'tsyn.  
RUSSIAN, bk, Issledovaniya po Lyuminestsentsii, Moscow,  
1963, 320 pp.

\*CB  
ADDITIONAL 4/65

Sci - Phys  
Feb 64

An Investigation of the Mechanism of the Corrosion  
Cracking of 1 Cr 18 Ni 9 T Austenitic Stainless  
Steel, by V. V. Gerasimov, K. A. Popova, 11 pp.

RUSSIAN, bk. Issledovanie Mekhanizma Korrozionnogo  
Rastreskivaniya Austenitnoy Neshcheyushchey Stali  
1Kh18N9T, 1960. 9093909

AEC Tr-4684

177, 395

Sci - Chem  
Dec 61

Investigations of the Mechanism of Earthquakes,  
198 pp.

RUSSIAN, per Trudy Geofiz Inst, No 40 (166), Moscow,  
1957, pp 1-148, Issledovaniye Mekhanizma Zemlet-  
ryaseni.

JBR5 DC 370

79x 77,977

Metastable Phases in Alloys of Titanium, the  
Mechanism and Kinetics of Their Formation, by  
S. G. Fedotov, 46 pp.  
RUSSIAN, rpt, Issledovaniya Metalloy v Zhidkom i  
Tverdom Sostoyaniyakh. An SSSR, Gosudarstvennyy  
Komitet po Chernoy i Tsvetnoy Metallurgii pri  
Gosplane SSSR, Institut Metallurgii, 1964,  
pp 207-240.                    P100196868-V  
FTD-MT-24-194-67

Sci/Mat  
Sept 68

364,979

Rocket and Satellite Investigation of Meteors (Revised),  
# 5 pp.

RUSSIAN, monograph, Issledovaniye meteorov na  
raketakh i sputnikakh, Moscow, Aug 1958, 4 pp.

Publ in IGY # 49 for 16 Jan 1959

CR-16 -- Advance  
Copy sent to req.

Alekseev, N. N.  
THE CRUISE OF THE ICEBREAKER FEDOR LITKE  
IN THE OKHOTSK SEA IN WINTER 1931-32 (O Reise  
Ledoreza Fedor Litke v Okhotskom More Zimol  
1931-32) tr. by M. Slessers. 1961 [12]p. HO  
Trans-85.  
Order from OTS or SLA \$1.60      61-27996

Trans. of mono. Issledovaniya Morei SSSR (Investi-  
gation of Seas in USSR) 22d ed, Leningrad, 1935  
[p. 36-39].

DESCRIPTORS: \*Icebreakers, \*Okhotsk Sea, Ice,  
Climate, \*Oceanographical data.

The winter cruise of the icebreaker "F. Litke" in the  
Okhotsk Sea in 1931/32 is described with an outline of  
the existing ice conditions, climatological and ocean-  
ographical data, all based on a preliminary analysis  
of the observational data collected during the cruise.  
(Navy Hydrographic Office abstract)

61-27996

- I. Title: Fedor Litke
- I. Alekseev, N. N.
- II. Title: Investigation ...
- III. HO Trans-85
- IV. Navy Hydrographic  
Office, Washington, D. C.

(Earth Sciences--Ocean-  
ographic, TT, v. 7, no. 3)  
Office of Technical Services

Studies on Heating of Plasma by Shock Waves in a  
Trap With Magnetic Probes, Conducted at the  
Institute of Nuclear Physics, Siberian Department of  
the Academy of Sciences, USSR, by Yu. E. Nesterikhin.  
RUSSIAN, rpt. Issledovaniya Nagreva Plazmy Udarovymi  
Volnami v Lovushke s Magnetyimi Probkami,  
Provodimye v Institute Yadernoi Fiziki Sibirskogo Otdel-  
eniya Akademii Nauk SSSR, 1964, 37 pp.  
\*AEC

Sci-Phys  
May 65

Determination of the Amount of Oxygen Absorbed  
Contained in a Liquid at Atmospheric Pressure,  
by A. D. Reshetnikova, 11 pp.

RUSSIAN, bk. Issledovaniya Nukleynikh  
Elementov (Izbioprometicheskogo Zhurnalov)  
Samolotov, pp 140-147, 1961, 9679899

FTD-TT-62-1653

Sci. Branch Sci. & Astron  
Apr 65

2205/711



Investigation of Certain Isotope Effects on the  
Thermodynamic Properties of Simple Fluids,  
by V. N. Grigor'ev.  
RUSSIAN, rpt. Issledovanie Nekotorykh Izotopnykh  
Effektov v Termodinamicheskikh Svlastvakh Prostykh  
Zhidkostei, Khar'kov, 1963, 146 pp.  
AEC

Sci-Phys  
May 68

Investigation of Certain Isotope Effects on the  
Thermodynamic Properties of Simple Fluids  
(Thesis), by V. N. Grigor'ev.

RUSSIAN, rpt. Issledovanie Nekotorykh Izotopnykh  
Effektov v Termodinamicheskikh Svobodnykh Protsykh:  
Zbirkovid. Theses, Khar'kov, 1963, 146 pp.  
\*AEA

SCI-NS  
Jan 65

S-4395

(NY-1695)

A Non-Press Method for Preparing Gas Filled  
Plastics and Light Parts for Aviation Constuc-  
tion, by A. L. Abibov, V. A. Popov, 18 pp.

RUSSIAN, irreg per, Issledovaniya Nekotorykh  
Rezinovykh i Plasticheskikh Materialov, No 93,  
Moscow, 1957, pp 64-80.

US JPRS/NY-L-381

Sci - Engineering

74 981

Kushnerevskii, Yu. V. and Mirkotan, S. F., eds.  
INVESTIGATIONS OF THE IRREGULARITIES IN  
THE IONOSPHERE, tr. by Richard M. Holden and  
others. Nov 61 [160]p. 94 refs. AmMetSoc T-RC-21+;  
AD-287 276.  
Order from OTS or SLA \$11.50      62-33769

Trans. of mono. Issledovaniya Neodnorodnostei v  
Ionosfere, Moscow, 1960, 97p.  
Another trans. is available from OTS \$13.00 as  
AD-269 621, MCL-1044, Aug 61, 188p.

DESCRIPTORS: \*Ionosphere, \*Ionospheric disturbances,  
Motion, Statistical analysis, Ionospheric propagation,  
Upper atmosphere, Drift.

(Earth Sciences--Atmosphere, TT, v. 9, no. 7)

62-33769

- I. Kushnerevskii, Yu. V.
- II. Mirkotan, S. F.
- III. AmMetSoc-T-RC-21
- IV. AD-287 276
- V. American Meteorological  
Society, Boston, Mass.

Office of Technical Services

Correlation Analysis as Applied to Media With  
Three-Dimensional Characteristics, by V. D.  
Gusev, S. F. Mirkotan.

RUSSIAN, bk, Issledovaniya Neodnorodnosti v  
Ionosfere, Part V, No 4, 1960, pp 7-19.

Amer Meteorol Soc T-RC-21 9678780

Sci - Geophys  
Oct 61

FTD/MSL-1044(9671309)  
178.239

Three-Dimensional Properties of Ionospheric  
Irregularities, by S. F. Mirkotan.

RUSSIAN, bk, *Issledovaniya Neodnorodnosti V*  
*Ionosfere, Part V, No 4, 1960, pp 20-38.* 70-2620

Amer Meteorol Soc T-RC-21

STD 1151-1044

170.260

Sci - Geophys  
Oct 61

Displacements of Disturbances in the F2 Layer,  
by D. T. Samarzhiev, Yu. E V. Kushnerevskiy.

RUSSIAN, bk, Issledovaniya Neodnorodnosti v  
Ionosfere, Part V, No 4, 1960, pp 38-44. 9677000

Amer Meteorol Soc T-RC-21

FTD 61-1047  
170, 253

Sci - Geophys  
Oct 61

Anisotropy of the Form of Small-Scale Irregularities and Their Movements in the F2 E Layer,  
by Yu. V. Kushnerevskiy, Ya. S. Zaiarnaya.

RUSSIAN, bk, Issledovaniya Neodnorodnosti I  
v Ionosfere, Part V, No 4, 1960 pp 45-56. 78-1200

Amer Meteorol Soc T-RC-21

ETD 1002-10<sup>44</sup>  
170.254

Sci - Geophys  
Oct 61



The Movements of Irregularities of Different  
Scale in the Ionosphere by S. F. Mirkotan,  
Yu. V. Kushnerevskiy, V. D. Gusev.

RUSSIAN, bk, Issledovaniya Neodnorodnosti v  
Ionosfere, Part V, No 4, 1960, pp 57-69. 96711000

Amer Meteorol Soc T-RC-21

F70 1112-1024

170, 255

Sci - Geophys  
Oct 61

The Drift of Ionospheric Irregularities  
According to the Observations Carried Out In  
Rostov-on-Don, by V. L. Pozigun.

RUSSIAN, bk, Issledovaniya Neodnorodnosti v  
Ionosfere, Part V, No 4, 1960, pp 70-75. 9677000

Amer Meteorol Soc T-RC-21

170 100-1040  
170, 256

Sci - Geophys  
Oct 61

Drift of Small-Scale Irregularities in the  
Ionosphere, According to Measurements Obtained  
in Irkutsk, by V. D. Kokourov, E. S.  
Kazimirovskiy.

RUSSIAN, bk, Issledovaniya Neodnorodnostei v  
Ionosfere, Part V, No 4, 1960, pp 76-82. 737328

Amer Meteorol Soc T-RC-21

FTD 71 11-1044 170. 249

Sci - Geophys  
Oct 61

The Measurement of Drifts in the Ionosphere  
With A Simultaneous Investigation of the  
Polarization State, by V. I. Taran.

RUSSIAN, ~~XXY~~ bk, Issledovaniya Neodnorodnosti  
v Ionosfere, Part V, No 4, 1961, pp 83-91. (73727)

Amer Meteorol Soc T-RC-21

*FTD 1102-1044 170, 250*

Sci - Geophys  
Oct 61

Application Criteria of Correlation Analysis,  
by M. P. Kiyanovskiy.

RUSSIAN, bk, Issledovaniya Neodnorodnosti v-  
Ionosfere, Part V, No 4, 1960, pp 92-97. 967.200

Amer Meteorol Soc T-RC-21

*FTD 1001-1044*

Sci - Geophys  
Oct 61

*170, 251*

~~TEXT~~ Neutron Resonance Studies by Means of A  $\gamma$   
Ray Capture Detector, by San Kim Khi,  
L. B. Pikel'ner.

RUSSIAN, bk, Issledovaniye Neutronnykh Rezonansov  
s Pomshch'yu Detektora Zakhyatnykh  $\gamma$ -luchel,  
1962, pp 47-51.

\*AEC

Sci - Phys

Jun 63

Investigation of the Neurophysiological Mechanisms in  
the Process of External Signal Discrimination,  
by G. V. Gershuni, 5 pp.  
RUSSIAN, rpt, Issledovaniye Neurofiziologicheskikh  
Mekhanizmov Protsessa Razlichehiya Vneshnego Signala,  
Yerevan, 22-28 Oct 1964. 9226419  
NASA TT F-307

Sci-B/M  
Feb 65

273,166

Investigation of the Neurophysiological Mechanisms in  
the Process of External Signal Discrimination,  
by G. V. Gershuni.  
RUSSIAN, rpt, Issledovaniye Neyrofiziologicheskikh  
Mekhanizmov Protsessa Razlicheniya Vneshnego  
Signala, 22-28 Oct 1964.  
NASA TT F-307

Sci-B/M  
Mar 65

274,336



Investigation of the Bottom 300-Meter Layer of the  
Atmosphere, by N. L. Byzova. 112 pp.  
RUSSIAN, bk, Issledovanie Nizhnego 300-Metrovogo  
Sloya Atmosfery.  
SFCST TT 65-50010  
\*MT-64-361

Sci/Earth Sci-  
Aug 65

287,999

Table of Contents of book:  
Investigation of Clouds, Precipitations and Thundercloud  
Electricity, <sup>50 p.</sup> UNCLASSIFIED

RUSSIAN, bk, Issledovanie Oblakov, Osadkov, i  
Grozovogo Elektrichestva, compiled by the Glavnoe  
Upravlenie Gidrometeorologicheskoi Sluzhby pri Sovete  
Ministrov SSSR, published by Gidrometeorologicheskoe  
Izdatel'stvo, Leningrad, 1957, 215 pp. 9676271

251  
\*Navy/NRL (not yet numbered)

Sci - Geophysics  
Oct 59

073 59 21184

Investigations of Clouds, Precipitation and  
Thunder Storm Activity, by N. I. Vul'fson,  
L. M. Levin.

RUSSIAN, bk, Issledovanie Oblakov, Osadkov i  
Grozovogo Elektrichestva, Moscow, 1961, 327 pp.

\*Amer Meteorol Soc

Sci - Geophys

20 Feb 1963

THE CALIBRATION OF INFRASXONIC HYDROPHONES BY THE  
NULL METHOD, BY A. N. GOLENKOV, 17 PP.

RUSSIAN, PER, ISSLEDOVANIYA V OBLASTI AKUSTICHESKIKH  
I GIDROAKUSTICHESKIKH ISMERENIY, NO 61 (121), 1962,  
PP 47-57.

JPRS 18442

SCI - ENGR

APR 63

225,818

Studies of Dosimetry of Ionizing Radiation

RUSSIAN, bk, Issledovaniya v Oblasti Dozimetrii  
Ionizirouyushchikh Izlucheny, 1957 (translation  
of all pages not being done under JPRS 2558)

per memo from Jprs Ny 10 Feb 1959 reimbursable project

for AEC

Method of Absolute Measurement of Activity of  
Beta-Radiation Sources With the Aid of End-Window  
Counters, by I. B. Keirim-Markus, M. A. L'vova,

RUSSIAN, bk, ~~Elektr~~ Issledovaniya v Oblasti  
Dozimetrii Ioniziruyushchikh Izlucheni, 1957, ~~pp~~  
pp 1-49.

AEC Tr-3656

Sci - Phys  
Aug 60

124,009

Method of Absolute Measurements of Activity of  
Sources of Beta Radiation With the Aid of End-  
Window Counters, by I. B. Keirim-Markus, M. A. ~~Isakov~~  
L'vova,

RUSSIAN, bk, Issledovaniya v Oblasti Dozimetrii  
Ioniziruyushchikh Izlucheni, 1957, pp 50-97.

AEC Tr-3656

Sci - Phys  
Aug 60

124, 002

S-4718

(DC 2558)

Absolute Measurement of Beta Activity by the  
Small Ionization Chamber Method, by I. A.  
Antonova, 13 pp.

RUSSIAN, Radiograph, Issledovanie y Chisli  
Dozimetrii Ioniziruyushchikh Isluheniy, 1957,  
pp 72-81.

ZKS-L-1743-D

Sci - Med  
EM Jul 59

90,672



Absolute Measurements of Beta Activity by the  
Method of Small Ionization Chambers, by I. A.  
Antonova,

RUSSIAN, bk, Issledovaniya v Oblasti Dozimetrii  
Ioniziruyushchikh Izluchenii, 1957, pp 98-112.

AEC Tr-3656

Sci - Phys  
Aug 60

124,003

g-4718

(DC 2558)

Indicating Pocket Gamma-Dosimeters, by M. I. Amiragova, V. Ye. Busygin, Yu. M. Shtukkenberg, 10 pp.

RUSSIAN, monograph, Issledovaniya v Oblasti Dozimetrii Ioniziruyushchikh Izлучeniy, 1957, pp 102-111.

JPRS-L-1743-D

Sci - Med  
Jul 59

90,673

S-4718 (DC 2558)

Pocket Gamma-Radiation Dosimeter, by M.  
Ardenne, G. Yeger, B. Roggenbuk, G. Froylikh,  
3 pp.

RUSSIAN, monograph, Issledovaniya v Oblasti  
Dozimetrii Ioniziruyushchikh Izlucheniy, 1957,  
pp 112-114.

JPRS-L-1743-D

Sci - Med  
Jul 59

90,674

Use of Scintillators in Dosimetry, by I. M.  
Rozman, & K. G. Tsimmer,

RUSSIAN, p bk, Issledovaniya v Oblasti Dozimetrii  
Ioniziruyushchikh Izlucheni, 1957, pp 113-123.

AEC Tr-3656

Sci - Phys  
Aug 60

124,004

S-4718

(DC 2558)

Apparatus for Individual Dosimetric Checking,  
by A. A. Pavlov, I. M. Rozman, K. G. Tsimer,  
7 pp.

RUSSIAN, monograph, Issledovaniya v Oblasti  
Dozimetrii Ioniziruyushchikh Izлучeniy, 1957,  
pp. 115-120.

JPRS-L-1743-D

Sci - Med  
Jul 59

90,675

Luminescent Isodosograph, by I. M. Rozman, K. G. Tsimmer.

RUSSIAN, bk, Issledovaniya v Oblasti Dozimetrii Ioniziruyushchikh Izlucheni, 1957, pp 124-135.

AEC Tr-38656

Sci - Phys  
Aug 60

124,005

S-4718

(DC 2558)

*an*

Electrofilter for Determining the Concentrations  
of Active Aerosols, by Yu. M. Shtukkenberg, K.  
S. Kalugin, A. I. Bobkov, 28 pp.

RUSSIAN, monograph, *Issledovaniya v Oblasti  
Dozimetrii Ioniziruyushchikh Izmeneniya*, 1957,  
pp 132-153.

JPRS-L-1743-D

Sci - Med  
Jul 59

90,668

Experimental Data on the Luminescence Method  
of Dosimetry of Gamma Radiation, by I. E.  
Konstantinov,

RUSSIAN, bk, Issledovaniya v Oblasti Dozimetrii  
Ioniziruyushchikh Izlucheni, 1957, pp 136-141.

AEC Tr- 3656

Sci - Phys  
Aug 60

129,998



Indicating Pocket Gamma-Dosimeters, by M. I.  
Amiragova, V. Ye. Busygin, Yu. M. Shtukkenberg,

RUSSIAN, bk, Issledovaniya v Oblasti Dozimetrii  
Ioniziruyushchikh Izlucheniil, 1957, pp 142-153.

AEC Tr-3556

Sci - Phys  
Aug 60

123,999

Pocket Gamma Radiation Dosimeter, by M. Ardenne,  
G. Yeger, B. Roggenbuk, G. Froylikh,

RUSSIAN, bk, Issledoyaniya v Oblasti Dozimetrii  
Ioniziruyushchikh Izluchanii, 1957, pp 154-156.

AEC Tr-3656

Sci - Phys  
Aug 60

*124,000*

Apparatus for Individual Dosimetric Checking, by  
A. A. Pavlov, I. M. Rozman, K. G. Tsimmer,

RUSSIAN, bk, Issledovaniya v Olasti Dozimetrii  
Ioniziruyushchikh Izlucheni, 1957, pp 157-163.

8  
AEC Tr-3656

Sci - Phys  
Aug 60

124,001

Pocket Type Gamma Indicator, by F. K. Levochkin,  
RUSSIAN, bk, Issledovaniya v Oblasti Dozimetrii  
Ioniziruyushchikh Izsuchenii, 1957, pp 164, 165.

AEC Tr-3656

Sci - Phys  
Aug 60

123,994

Improved Method for Individual Photocontrol of  
Gamma Damage (IFK-II), by N. S. Nikitin, V. V.  
Frolov,

RUSSIAN, bk, Issledovaniya v Oblasti Dozimetrii  
Ioniziruyushchikh Izlucheni, 1957, pp 166-181.

ABC Tr-3656

Sci - Phys  
Aug 60

123,995

S-4718

(DC 2558)

Principles of Calculating the Permissible Limit  
Levels of External Streams of Ionizing  
Radiations, by N. G. ~~SHKOLEV~~ Gusev, 14 pp.

RUSSIAN, monograph, Issledovaniya v Oblasti  
Dozimetrii Ioniziruyushchikh Izlucheniy, 1957,  
pp 180-191.

JPRS-L-1743-D.

Sci - Med  
Jul 59

90,669

An Electrofilter for Determining the Concentrations  
of Active Aerosols, by Yu. M. Shtukkenberg, K. S.  
Kalugin, A. I. Bobkov,

RUSSIAN, bk, Issledovaniya v Oblasti Dozimetrii  
Ioniziruyushchikh Izlucheni, 1957, pp 182-208.

AEC Tr-3656

Sci - Phys  
Aug 60

123,996

Measurement of Small Concentration of Alpha-Active  
Substances in Water With the Aid of a Diffusion  
Cloud Chamber, by V. I. Popov,

RUSSIAN, bk, Issledovaniya v Oblasti Dozimetrii  
Ioniziruyushchikh Izlucheni, 1957, pp 209-219.

AEC Tr-3656

Sci - Phys  
Aug 60

123,997



Spark Counter for Control of Contamination of  
Surfaces by Alpha-Active Substances, by E. A.  
Andreyeshchev, B. M. Isayev, I. F. Mel'nikov,

RUSSIAN, bk, Issledovaniya v Oblasti Dozimetrii  
Ioniziruyushchikh Izlucheni, 1957, pp 220-224.

AEC Tr-3656

Sci - Phys  
Aug 60

123,990

Gamma Spectrum Indicator, by I. A. Antonova,  
I. V. Estulin,

RUSSIAN, B bk, Issledovaniya v Oblasti Dozimetrii  
Ioniziruyushchikh Izlucheni, 1957, pp 225-239.

AEC Tr-3656

Sci - Phys  
Aug 60

123,991

Automatic Circuit for the Measurement of Weak  
Currents, by I. A. Antonova, I. N. Senchuro,

RUSSIAN, bk, Issledovaniya v Oblasti Dozimetrii  
Ioniziruyushchikh Izlucheni, 1957, pp 240-245.

AEC Tr-3656

Sci - Phys  
Aug 60

123,992

Principles of Calculations of Maximum Permissible  
Levels of External Beams of Ionizing Radiation,  
by N. G. Gusev,

RUSSIAN, bk, Issledovaniya v Oblasti Dozimetrii  
Ioniziruyushchikh Izlucheni, 1957, pp 246-263.

AEC Tr-3656

Sci - Phys  
Aug 60

123,993

Research in the Field of Electric Discharge in  
Gases, by B. H. Klyarfeldt, 307 pp USCL

RUSSIAN, bk, Issledovaniya v Oblasti Elektricheskog  
Razryada v Gazakh, 1958, 240 pp.

ATTC MCL-363/V

Sci - Phys

Apr 60

112,937

Investigations in the Field of Soil Genesis.  
RUSSIAN, bk, Issledovania v Oblasti Genezisa Pochv,  
1963.  
\*NTIS TT 72-51047

Aug 72

Research in Ion Exchange Chromatography  
The Laminar Method of Approximate Calculation of  
Chromatograms, by V. V. Rachinsky, 34 pp.

RUSSIAN, bk, Issledovaniya v Oblasti Ionobmennoi  
Khromatografy, Moscow, 1957, pp. 5-37. *DIR 4032111*

*Ref. #571.*

Consultants Bureau

Sci - Med

Jun 58

*65, 566*

Research in Ion Exchange Chromatography  
Equations for Ion Exchange Isotherms and their Experi-  
mental Verification, by K. M. Saldadze, 10pp.

RUSSIAN, bk, Issledovaniya v Oblasti Ionobmennoi  
Khromatografy, Moscow, 1957, pp. 38-47. CIA 91-00929R-2

Ref 591.

Consultants Bureau

Sci - Med

Jun 58

65,567



Research in Ion Chromatography  
Absorption of the Cations of Heavy Metals by Anion  
Exchange Resins, by K. M. Saldadze, Z. G. Demunter,  
Z. V. Klimova, 6 pp. DEMONTERIK,

RUSSIAN, bk, Issledovaniya v Oblasti Ionobmennoi  
Khromatografy, Moscow, 1957, pp. 48-54 CIA 762274-1

Consultants Bureau

Sci - Med

Jun 58

65, 568

9  
Research in Ion Exchange Chromatography  
Principles of Adsorption Technology, by H. A. Izmailev,  
et al, 11 pp.

RUSSIAN, bk, Issledovaniya v Oblasti Ionobmennoi  
Kromatografy, Moscow, 1957, pp. 55-66.

Consultants Bureau

Sci - Med

Jun 58

65,569

Research in Ion Exchange Chromatography  
Laws of Adsorption from Solutions under Dynamic Con-  
ditions during Separation of Alkaloids by Means of  
Ion Exchange Resins, by Yu. V. Shostenko, 9 pp.

RUSSIAN, bk, Issledovaniya v Oblasti Ionnoobmennoi  
Kromatografy, Moscow, 1957, pp. 67-76. CIA 7033 704-C,

R.I. 511.

Consultants Bureau

Sci -Med

Jun 58

65,570

Research in Ion Exchange Chromatography  
Ion Exchange of Alkaloids on Synthetic Ion Exchange  
Resins, by S. Kh. Mishinskaya, 11 pp.

RUSSIAN, bk, Issledovaniya v Oblasti Ionobmennoi  
Kromatografy, Moscow, 1957, pp. 77-88. CIA 9633774-1

File 241.

Consultants Bureau

Sci Med

Jun 58

65,571

Research in Ion Exchange Chromatography  
Structure of Cation Exchange Resins, Their Suggested  
Chemical Structure, and Possible Breakdown Products,  
by A. A. Vasilyev, 10 pp.

RUSSIAN, *IK*, *Issledovaniya v Oblasti Ionobmennoi*  
*Kromatografy*, Moscow, 1957, pp. ~~82-91~~ 89-100.

*OTA 102594-2, R-571.*  
Consultants Bureau

Sci - Med

Jun 58

65,572

Research in Ion Exchange Chromatography  
Basic Problems in the Synthesis and Study of Ion  
Exchange Resins, by I. P. Losev, E. B. Trotyanskaya,  
Kaya, 4 pp.

RUSSIAN, bk, Issledovaniya v Oblasti Ionobmennoi  
Kromatografy, Moscow, 1957, pp. ~~92-97~~ 101-105

CIA 965354-2, Box 571.

Consultants Bureau

Sci - Med

Jun 58

65,573

Research in Ion Exchange Chromatography  
The Physicochemical Properties of Ion Exchange Resins,  
by K. M. Saldadze, Z. G. Demanterik, ~~pp. 96~~  
~~105~~ 10 pp.

RUSSIAN, bk, Issledovaniya v Oblasti Ionobmennoi  
Kromatografy, Moscow, 1957, pp. 106-116

STH 9122744-2, 106-116

Consultants Bureau

Sci - Med

Jun 58

65, 574

Research in Ion Exchange Chromatography  
The Properties of Some Cation Exchange Resins and the  
Possibility of Using Them in the Medical and Food In-  
dustries, by E.B. Trostyanskaya and A.S. Trevlina, 9  
pp.

RUSSIAN, bk, Issledovaniya v Oblasati Ionobmennoi  
Khromatografy, Moscow, 1957, pp. 117-126

*CTH 7002404-1, 1-591.*

Consultants Bureau

Sci - Med

Jun 58

*US SPRS/DC-L-921  
65,575*



EXCHANGE

Research in Ion Chromatography  
The Properties of Certain Anion Exchange Resins and  
the Possibility of Using Them in the Medical and  
Food Industries, by A. B. Davankov, V. M. Laufer, 6pp.

RUSSIAN, bk, Issledovaniya v Oblesti Ionobmennoi  
Khromatografy, Moscow, 1957, pp. 127-133

CIA 745000000 R. 571.

Consultants Bureau

Sci - Med

Jun 58

OS SPRS/DC-L-921

65, 576

Research in Ion <sup>EXCHANGE</sup> Chromatography  
Purification of Certain Chemical Compounds by Means of  
Ion Exchange Sorbents, by K. M. Saldadze, Z. G. De-  
monterik, 7 pp.

RUSSIAN, bk, Issledovaniya v oblasti Ionobmennoi  
Khromatografy, Moscow, 1957, pp. 134-141

CIA 7022000-2, L. 571.  
Consultants Bureau

Sci - Med

Jun 58

65,577

Research in Ion Exchange Chromatography  
The Possibility of Using Ion Exchange Resins for Ob-  
taining Drinking Water From Water of High Mineral Con-  
tent, by S. M. Drachev, A. I. Itskova, 5 PP.

<sup>bk,</sup>  
RUSSIAN, Issledovaniya v Oblasti Ionobmennoi  
Khromatografy, Moscow, 1957, PP. 142-146

*CIA 1000 170 2, 6-291.*  
Consultants Bureau

Sci - Med

Jun 58

65, 578

Research in Ion Exchange Chromatography  
Purification of Lactic Acid by Means of Ion Exchangers,  
by G. N. Silin, 11 pp.

<sup>bk,</sup>  
RUSSIAN, *Issledovaniya v Oblasti Ionobmennoi*  
*Khromatografii*, Moscow, 1957, pp. 159-169  
CIT 168804-1, 168804-2, 147-158.  
Consultants Bureau

Sci - Med

Jun 58

65, 580



Research in Ion Exchange Chromatography  
Elution Curves of Morphine During Ion Exchange Chroma-  
tography on Cation Exchangers, by F. M. Shemyakin, A.  
N. Karpov, 6 pp.

RUSSIAN, <sup>bk</sup> Issledovaniya v Oblasti Ionobmennoi  
Khromatografii, Moscow, 1957, pp. 164-170

C.I.B. 9132774-2, R.L. 571.

Consultants Bureau

Sci - Med

Jun 58

65, 579

Research in Ion Exchange Chromatography  
The Application of Ion Exchange Adsorbents in Pharma-  
ceutical Analysis, by G. A. Vaisman, M. M. Yampolskaya,  
7 pp.

<sup>bk,</sup>  
RUSSIAN, Issledovaniya v Oblasti Ionobmennoi  
Khromatografii, Moscow, 1957, pp. 171-178

CIA 9133424.2. Enc. 571.  
Consultants Bureau

Sci - Med

Jun 58

65, 582

Research in Ion Exchange Chromatography  
Adsorption of Streptomycin by the Hydrogen and Hydrogen  
Salt Forms of Carboxylic Cation Exchangers, by L. F.  
Yakhontova, 6 pp

<sup>bk</sup>  
RUSSIAN, <sup>1</sup> Issledovaniya v Oblasti Ionobmennoi  
Kromatografii, Moscow, 1957, pp. 179-187

OTD 973547-2. P. 571.  
Consultants Bureau

Sci - Med

Jun 58

65,583



Research in Ion Exchange Chromatography  
The Use of Ion Exchange Sorbents for Preventing  
Blood Clotting, by R. A. Rutberg, 9 pp.

<sup>pk,</sup>  
RUSSIAN, Issledovaniya v Oblasti Ionobmennoi  
Khromatografy, Moscow, 1957, pp. 188-190

СН 9033/94-2, Vol. 571.  
Consultants Bureau

Sci - Med

Jun 58

65,584

Research in Ion Exchange Chromatography  
Separation of Cadmium and Copper, Cadmium and Lead,  
and Cadmium and Bismuth by Ion Exchange Chroma-  
tography, by A. P. Krezhkov, E. N. Saynshkina, 6 pp.

Russian, <sup>sk</sup> Issledovaniya v Oblasti Ionobmennoi  
Khromatografii, Moscow, 1957, - pp. 191-

CTN 0033724.2, 100-571  
Consultants Bureau

Sci - neu

Jun 58

65, 585

Graduation and Verification of Pressure Drop  
Meter, by Ye. F. Dolinskiy.  
RUSSIAN, per, Issledovaniya v Oblasti Izmereniy  
Davleniya Raskhoda i Vakuuma, 1962, Vol 66, No 126,  
pp 27-30.  
NLL RTS 2544 (On Loan or Purchase)

Aug 65

288,845

Capillary Depression in Mercury Vacuum  
Gauges, by A. V. Eryukhin and V. A.

Ryzhov.

RUSSIAN, Issledovaniya v Oblasti  
Izmereni Davleniya Raskhoda i  
Vakuuma, 1962, Vol 66, No 126, pp 46-51.  
NLL RTS 2545 (On Loan or Purchase)

Aug 65

286,456

An Investigation of Pitot-static Tubes,  
by M. S. Pedan.  
RUSSIAN, bk, Issledovaniya v Oblasti  
Izmereni Davleniya Raskhoda i Vakuuma,  
1962, Vol 66, No 126, pp 61-66.  
NLL RTS 2543 (On Loan or Purchase)

Aug 65

286,454

Study of a Weight-Loaded Piston-type  
1st-Class Calibrating Barometer, by  
K. I. Khansuvarov.  
RUSSIAN, bk, Issledovaniya v Oblasti  
Izmerenii Davleniya Raskhoda i Vakuuma,  
1962, Vol 66, No 126, pp 75-89.  
NLL RTS 2542 (On Loan or Purchase)

Aug 65

286,455

Investigations in the Field of Uranium Chemistry,  
by V. I. Spitsyn, 349 pp.  
RUSSIAN, bk, Issledovaniya v Oblasti Khimii Urana,  
Moscow, 1961.    9228240-V  
AEC-ANL-Tr-33

Sci-Chem  
Mar 65

277,053

Synthesis of Organosilicon Compounds with Siloxane  
Carbon Units by N. S. Namotkin, and A. V. Topchiyev,  
and et al., 37 pp.

Russian, bk, Issledovaniya v Oblasti Kremniyorganiches-  
kikh Soyedineniy; sintez i Fiziko-Khimicheskiye  
Svoystva, Moscow, 1962, pp 105-129. 9687651

FD-TT-63-451

Sci- Chem  
Nov 63

241, 300



Synthesis of Organosilicon Compounds with Siloxane-  
Oxide and  $\alpha$ -Silthione-Carbon Units by A. V.  
Yegorov, and N. S. Mamokin, and 20 others, 24 pp.

Russlan, bk. Issledovaniya v Oblasti Khimiyorganicheskoih  
Soyedineniy: Seriya I. Khimiko-Khimiya  
Soyedina, Moscow, 1962, pp 130-145. 9687651

FID-TT-63-451

Sci. Chem  
Nov 63

241, 548

Chloromethylation of Organosilicon Compounds and  
Hydrolysis of Organosilicon Compounds from Chloromethy-  
lated Alkylbenzenes, by M. S. Mametkin, And A. V.  
Eopuliyev, and et al., 17 pp.

Russian, bk, Issledovaniya v Oblasti Kremniyor-  
ganicheskikh Soedineniy; Sintez i Fiziko-Khimicheskiye  
Svoystva, Moscow, 1962, pp 156-167. 9687651

PLS-TR-63-451

Sci.-Chem  
Nov 63

241,550

Plastic-Deformation Resistance of High-Strength Steels Under Conditions of Ambient Compression in Temperature Range From 20 to 400°, by M. L. Gorb, 45 pp.

RUSSIAN, bk, Issledovaniya v Oblasti Metallovedeniya i Kontaktnoy Prochnosti Metallov, 1958, pp 92-119.  
9660427

ATIC MCL 157

Sci

143,966

Mar 61

Application of Infrared-Spectroscopy Methods  
for the Study of Adhesive-Underlayer (Polymer-  
Glass) Interaction, by N. A. Krotova,  
L. P. Morozova, 9 pp.

RUSSIAN, bk, Issledovaniya v Oblasti  
Poverkhnostnykh Sil, Sbornik Dokladov na  
Konferentsii po Poverkhnostnaya Silam, April  
1960, Izdatel'stvo Ak Nauk SSSR, Moscow, 1961.  
9667413

FTD-TT-62-429

Sci - Phys  
Jan 63

Diffusiophoresis of Aerosol Particles, by  
B. V. Deryagin, S. P. Bakanova, S. S.  
Dukhin, G. A. Betova, 9 pp.

RUSSIAN, bk, Issledovaniya v Oblasti  
Poverkhnostnykh Sil, Sbornik Dokladov na  
Konferentsii po Poverkhnostnym Silam, April  
1960, Izdatel'stvo Ak Nauk SSSR, Moscow, 1961.  
9667413

FID-TT-62-429

Sci - Phys  
Jan 63

2.95.

Investigation of the Adhesion Bond of Polymers  
by the Luminescence Method, by N. A. Krotova,  
L. P. Morozova, 12 pp,

RUSSIAN, bk, Issledovaniya v Oblasti Poverkhnostnykh  
S11, Sbornik Dokladov na Konferentsii po  
Poverkhnostnyam Silam, April 1960, Izdatel'stvo Ak  
Nauk SSSR, Moscow, 1961. 9667413

FID-TT-62-429

Sci - Phys  
Jan 63

219511

Surface Forces and Their Influence on the Properties  
of Heterogeneous Systems, by B. V. Deryagin,  
11 pp.

RUSSIAN, bk, Issledovaniya v Oblasti Poverkhnostnykh  
SIL, Sbornik Dokladov na Konferentsii po Poverkhnostnykh  
Sila, April 1960, Izdatel'stvo Ak Nauk SSSR,  
Moscow, 1961. 9667413

FTD-TT-62-429

Sci - Phys  
Jan 63

Concerning Solution of the Kinetic Coagulation  
Equation, by G. A. Martinov, S. P. Bakanov,  
14 pp.

RUSSIAN, bk, Issledovaniya v Oblasti  
Poverkhnostnykh Sil, Sbornik Dokladov na  
Konferentsii po Poverkhnostnym Silam  
April 1960, Izdatel'stvo Ak Nauk SSSR,  
Moscow, 1961. 9567413

FTD-FF-62-429