

Finance and Credit in the Democratic Republic
of Vietnam, by Viktor Sergeevich, 127 pp.
USSR, bk. Financy i Kredit Demokraticheskoy
Respubliki V'yetnam, Moscow, 1965, pp 1-135

PPHS 33326

USSR
Econ
Dec 65

294,025

Fire Resistance of Reinforced Concrete
Trusses, by N. Strelchuk, A. Yakovlev,
N. Bubyr, 6pp
RUSSIAN, per, Fire Affairs, 1963, pp 9-11
CFSTI TT-64-18008

323,817

Sci - Engineering
Apr 67

On the Stock of Atlantic-Scandinavian Herring, by
J. J. Marti.

RUSSIAN, per, Fiskets Gang, Vol XLV, No 38, Sep 1959,
pp 522-525.

Dept of Interior
SH211, B82, No 244

Sci - Dic.
Sep 60

127,972

Some Information on the Distribution of Mature and
Immature Atlantic-Scandinavian Herring, by S. S.
Fedorov,

RUSSIAN, per, Fiskets Gang, Vol XLV, No 43, 1959,
pp 593-596.

Dept of Interior
SH211, E82, No 226

Sci - Bio
Sep 60

127,964

Norwegian Trawling 1965.
NORWEGIAN, per. Fiskets Gang, No 26, pp 437-449.
Dept of Interior
Fish and Wildlife Service
BCF, Bureau of Foreign Fisheries

EE-Norway
Econ
Nov 67

345,501

Norwegian Trawling 1965.
NORWEGIAN, par. Fiskets Gang, No 27, pp 467-474.
Dept of Interior
Fish and Wildlife Service
BCF, Bureau of Foreign Fisheries

EE-Norway
Recd
Nov 67

345.502

Phytophthora of Potatoes Under Conditions of
Sakhalin, by N. A. Nikiforova.

RUSSIAN, in, Fitofloroz Kartofelia v Usloviakh
Sakhalina, 1958, 70 pp, Partial pp 3-6, 16-18,
59-67. CIA 9043122

USDA

Sci - Biology
Jan 60

104,521

Effect of Sorption Water on the Electric
Properties of Organic Dielectrics, by
N. A. Rodionova,
RUSSIAN, per, Fiz Dielektrikov, Sb, 1960,
pp 194-202.
ATS RJ-4787

Sci-Electr
Jul 67

329m159

CYBERNETICS, BY A. X I. KITOV, 15 PP.

RUSSIAN, ~~PH~~ BK, FIZICHESKIY ENTSIKLOPEDI CHESKIY
SLOVAR', VOL 11, 1962, PP 357-362.

JPRS 17354

SCI - MISC

JAN 63

221,035

Formation of a Shock Discontinuity Ahead of a Flame
Front, by G. D. Salamandra, O. A. Tsukhanova, 7 pp.

RUSSIAN, in, Fizicheskiye Gazdinamika, USSR Acad Sci,
pp 151-166.

ARS, Vol XXX, No 1
January 1960

Sci - Physics

Feb 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. Samullov, 6 pp.

RUSSIAN, *see*, Fiz. Gaseodinamika, pp 59-69.

ARS
Apr 60.

Sci

115,533

Physical Gas Dynamics and Properties of Gases
at High Temperatures, by A. S. Predvoditelev,
RUSSIAN, bk, Fizicheskaya Gazodinamika Svoystva
Gazov Pri Vysokikh Temperaturakh, 1964, 220 pp.
•CB

Sci-Phys
Nov 66

Physics of Heat Exchange and Gas Dynamics,

RUSSIAN, bk, Fizicheskaya Gazodinamika i Teploobmen,
A collection of articles published by G. M. Krzhizhan-
ovskiy Energetics Institute, Ak Nauk SSSR, 1961.

*CB

Sci - Phys
Dec 61

The Problem of the Onset of Combustion in a
Supersonic Gas Flow Is Decelerated on an Obstacle, by
I. M. Naboko.

hesk
RUSSIAN, bk, Sbornik Fiz. i Gazodinamika i Teploobmen
M. Ak. Nauk SSSR, 1961, pp 42-45.

*PTD-TT-62-1447

Sci - Phys

17 Oct 62

notified
17/10/62

Gas-Dynamic Device, by V. M. Yeroshenko.

RUSSIAN, bk, Fizicheskaya Gazodinamika i Teploobmen,
Ak Nauk SSSR, Energeticheskiy Institut, 1961, pp 51-59.

*FTD TT 62-1133

Sci - Engr
15 Aug 62

*CB

to be put in book
8/1962

Heat Transfer on a Porous Plate in a Supersonic Stream While Gases Differing in Their Physical Properties are Being Delivered Through the Pores by V. M. Kuznetsov, 17 pp.

RUSSIAN, bk, Fizicheskaya Gidrodinamika i
Teploobmen. A collection of articles published by G. M. Krut'ko, Energiya
Institute, Ak Nauk SSSR, 1961, pp 66-75.
9870130

FD-TT-62-1468

Sub - Phys

Sept 63

344,033

Amplification of Shock Waves in Their
Passage Through a Flame Front by G. A.
Salamshina and I. K. Sevast'yanova,
10 pp.

RUSSIAN, bk. Ann. Inst. SSER Energeticheskii
Institut, Fizicheskaya Gazdinika, etc.
Moscow, 1963, pp 199-203. 9669943

FTD-TL-63-532

Sci - Phys

344,085

Sept 63

Physical Geography of Bulgaria, by Zh. Gulubov, Il. Ivanov,
et al, 411 pp.

RUSSIAN, in, Fiz Geografiya Bulgarii, Moscow, 1960, pp 1-358.

JPRS 22726

EE-Bulgaria
Geog
Jan 64

247, 100

Physical Geography, by A. A. Makunina,
N. I. Mikhaylov, Ya. P. Parnitsin, A. I.
Solov'yev, 124 pp.

RUSSIAN, per, Fizicheskaya Geografiya, 1960,
abstracts from entire publication. (Call
No 68239, S5, M23, 1 Tr)

MS

USSR
Geog
Oct 61

171,562

Suslov, Sergei Petrovich. PHYSICAL GEOGRAPHY OF ASIATIC RUSSIA, tr. by Noah D. Gershevsky, ed. by Joseph E. Williams. Mar 61, 594p. 55 refs. Order from W. H. Freeman and Co., 660 Market St., San Francisco, Calif. \$15.00	61-12868
Composite trans. of mono. [Fizicheskaya Geografiya SSSR, Aziatskaya Chast'] n.p., editions 1947 and 1956.	1. Geography--Siberia 2. Geography--USSR I. Suslov, S. P. II. Freeman, W. H., and Co., San Francisco, Calif.
Contents:	151620
Pt. 1. Western Siberia Pt. 2. Eastern Siberia Pt. 3. Far east Pt. 4. Central Asia.	Office of Technical Services
(Earth Sciences--Geography, TT, v. 3, no. 8)	

Physical Geography of China, by V. T. Zaychikov,
739 p.
RUSSIAN, bk, Fizicheskaya Geografiya Kitaya,
Moscow, 1964, 739 pp.
JPRS 32119

USSR
Econ
Feb 66

Book
Physical Geography of European Russia, by B. P.
Dobrynin.

RUSSIAN, 1948, Fizicheskaya Geografiya Zapadnoi
Evropy, Moscow, 1948, 323 pp.

W. H. Freeman and Co.

Mar 62

Life Phenomena, A Historical Survey,
RUSSEL, W. K., Fizicheskie i Khimicheskie Osnovy
Zhiznennykh Yavleniy, Istoricheskie Ocherki,
1968, pp 1-171.
NASA TT H-381
CRSTI TT 06-51018

Sci-Behavioral & Social Sci
Feb 67

316,223

Physical Geography of USSR, by M. I. Davydova,
 A. I. UK Hachukyan, et al, A. G. PP. B. 77 PP.

RUSSIAN, in: Fizicheskaya Geografiya SSSR OB
 336 P. 57, in 381-382, 394-411, 424-474,
 478-519, 525-535, 537-538, 578-583,
 585-588, 601-605, 611-619, 620-627, 631-635,
 643-675.

ACSI I-1103
 ID 2196001

USSR
 Geog
 Nov 68

216,734

Physical Geography of the USSR, by
N. A. Gvozdetzkiy, N. I. Mikhaylov,
144 pp.
RUSSIAN, bk, Fizicheskaya Geografiya SSR,
Moscow, 1963, pp 7-184.
ACST I-6113
ID 221336964

USSR
Geog
Jun 65

281,661

Physical Geography of the USSR, by
N. I. Gvozdenko, N. I. Mikhaylov, 255 pp.
RUSSIAN, bk. Fizicheskaya Geografiya SSR,
Moscow, 1963, pp 187-329.
ACSI 1-6247
ID 204036664

USSR
Geog
Jun 65

280,478

Physical Geography of USSR, by V. N. Mil'kov, N. A.
Gvodetskiy, 245 pp. UNCL

Geography, 1957
bk, RUSSIAN, *part, Fizicheskaya*, pp 5-7, 19-21, 115-343.

ACHI E-6549
ID 2166433

USSR
Geog
Apr 61

143,386

Physical Geography of USSR, by K. F. Stroyev, 2nd ed.,
INCL.

RUSSIAN, bk, Fizicheskaya Geografiya SSSR, 1958,
pp 101-113, 117-127, 133-141.

ACSI H-6551
ID 2147196

USSR

Geographic

Aug 60

123, 122
54A 60-23995

Physical Chemistry of Pyrometallurgical
Processes. Part II. The Interaction of
Liquids with Gases and Solid Phases, by
O. A. Esin, P. V. Gel'd.

RUSSIAN, bk, Fizicheskaya Khimiya Piro-
metallurgicheskikh Protsessov. Chast Vtoraya.
Vzaimodeistvie Zhurkosteis Gazami, publ by
~~State Scientific-Technical Publ of Literature~~
~~on Ferrous and Non-Ferrous Metallurgy~~, 1954,
605 pp. G. 1-300 pp. 34.3-300 pp.

AEC 3439

Sci. Phys
Dec 58

77, 949

Belyaev, A. I., Zhemchuzhina, E. A., and
Firsanova, L. A.
PROCESSES AT THE ELECTRODES DURING ELEC-
TROLYSIS OF MOLTEN SALTS. [1962] 26p.
Order from K-H \$32.50 K-H 8946

Trans. of mono. [Fizicheskaya Khimiya Rasplavlennykh
Soлей] (Physical Chemistry of Soluble Salts) Moscow,
1957, chap. 10, p. 301-318.

DESCRIPTORS: *Electrodes, *Electrolysis, Salts.

(Chemistry--Physical, TT, v. 9, no. 9)

63-12970

I. Belyaev, A. I.
II. Zhemchuzhina, E. A.
III. Firsanova, L. A.
IV. Title: Physical...
V. K-H8946
VI. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

Office of Technical Services

TAI-63-124
TRI:PES:11-104

Physical Chemistry of Molten Salts and Slags, 604pp

RUSSIAN, bk, Fizicheskaya Khimiya Rasplavlennyykh
Solей i Slakov, 1962, 480pp. 9218737-V

*AEC-TR-5948

Sci- Min/Met
Jan 63

Physical Chemistry of Fused Salts and Slag,
Conference.

RUSSIAN, rpt, Fizicheskaya Khimiya Rasplavlennykh
Soлей i Slakov, Moscow, 1965, 500 pp.

*Consultants Bureau
(To be available from CB after
2nd quarter, 1966)

Sci -
2 Oct 64

Physicochemical Properties of Individual
Hydrocarbons, by M. D. Filichev,

bk
KHEM, 400, Fiz. Khim. Svoistva Individualnykh
Veschestv, Vol. IV, Moscow/Leningrad, 1953,
136 pp.

Tech and Comm

38,864

Chemistry
1956 CTS/dex

Experimental Study of a Converter, by
P. L. Kapitsa and L. A. Prozorova,
RUSSIAN, per, AN SSSR, Fizicheskaya Labora-
toriya. Elektronika Bol'shikh Moshchnostey,
No 4, 1956, pp 53-55.
ACSI J-1582
ID 2204001067

Sci-Electr & Elect Engr
Mar 67

320,240

Coupled Oscillations in Cavity Resonators,
by L. A. Vaynshteyn.
RUSSIAN, bk, Fizicheskaya Laboratoriya
Elektronika Bol'shikh Moshchnostey,
No 3, 1964, pp 216-230.
*FTL-TF-65-1419

Sci-Phys
Sep 65

(NY-4726)

Physical Liberation of the Moon, by Sh. T.
Khaddbullin, 420 pp.

RUSSIAN, bk, Fizicheskaya Libratsiya Luny, No 9,
1958, pp 3-182.

JPRS 5733

Sci - Space Research

Oct 60

129,519

The Physical Nature of Anomalies in the Plasticity of
Metallic Alloys, by A.A. Presnyakov, 49pp
RUSSIAN, bk, ~~Fizicheskaya Prirada Anomaliy~~
Plastichnosti u Metallicheskih Splavov, Alma Ata,
1963, pp 1-64
JPRS 27500

Sci-Mat/Met
Jan 65

271,907

Modelling of Heavy Synchronous Motors and Their
Excitation Systems, by V. A. Ivanov-Smolenski.
RUSSIAN, per. ~~Elektrichesk. sistem in.~~
Pp 108-111, 122-136, 227-230.
MLL Ref: RUS 3526

Sci/Elec & Elec Engr
Feb 68

349,674

The Physical Theory of Meteors, and Meteoric
Matter in the Solar System, Chap I-III, by
D. Yu. Levin, 244 pp.

RUSSIAN, bk, Fizicheskaya Teoriya Meteorov i
Metej; Oruchie Voznichestvo v Solnechnoi Sisteme,
Moscow, 1956, Chap I-III. , 293 pp

Amer Meteor Soc
ASTIA Doc AD 110091

Sci - Astronomy

Doc 57

56,590

Noted book to [illegible]

(Translation on) Meteors, by B. Yu. Levin.

RUSSIAN, bk, Fizicheskaya Teoriya Meteorov i
Meteornoye Veshchestvo v Solnechnoy Sisteme, publ by
Izdatel'stvo Ak Nauk SSSR, Moscow, 1956.

★ Translations to be done by:

- a. by US Air Force - Chapters 1 and 2;
- b. by General Electric Co - Chapter 3;
- c. by Battelle Institute - Chapters 4 and 5;
- d. Either by Project
Lincoln or by Battelle
Institute - Chapter 6.

(Info from OGC memo)

Man's Physical Endurance and Its Development,
by Yakov Anan'yevich Yegolinskiy, 45 pp.
RUSSIAN, bklet, Fizicheskaya Vynoslivost'
Cheloveka i Puti Yeye Razvitiya, 1966, pp. 3-31,
72-79, 112-116.
JPRS 41444

USSR
Sci-B&M
Aug 67

333,309

63-15047

Silin, V. P. and Gorbunov, L. M.
ON THE KINETICS OF NON-ISOTHERMAL PLASMA
[AND] ADDITION TO THE ARTICLE, tr. by

Sergey Shewchuk. June 62. 10p. 2 refs.
Order from CTS or SLA 51.10 UCRL Trans-833 (C)

Trans. of Akademiya Nauk SSSR. Fizicheskii Institut.
Rept-A-51, 1962, 9p.

DESCRIPTION: *Plasma physics. *Kinetic theory.
Polarization. Electrons. Distribution. Statistical func-
tions. Polyelectrons. Integrals. Plasma oscillations.

- I. Silin, V. P.
- II. Gorbunov, L. M.
- III. UCRL-Trans-833 (C)
- IV. Lawrence Radiation Lab.,
U. of California,
Berkeley

(Physics) - (Electronics) 17, 9, 9, no. 1

Order from CTS or SLA 51.10

63-15054

Silin, V. P.
THEORY OF TRANSFER PROCESSES IN A PLASMA
ACROSS A MAGNETIC FIELD, tr. by Sergey
Shewchuk. Sep 62 12p. 4 refs.
Order from OTS or SLA \$1.60 UCRL Trans-669 (L)

Trans. of Akademiya Nauk SSSR, Fizicheskii Institut.
Rept-A-83, 1962.

DESCRIPTORS: *Plasma physics, Magnetic fields,
Particles, Electrons, Ions, Oscillation, Theory.

A theory is described for the transfer phenomena in a
plasma across a constant magnetic field. An important
new moment is the calculation of the interaction of
plasma particles with longitudinal oscillation. It is
shown that with fairly large ratios of the electron and
ion temperatures, the effect of the particle interaction
with the plasma oscillations leads to a substantial
(Physics--Electronics, TT, v. 9, no. 7) (over)

- I. Silin, V. P.
- II. UCRL-Trans-869 (L)
- III. Lawrence Radiation Lab.
U. of California,
Berkeley

Office of Technical Services

63-10849

Ramazashvili, R. P., Rukhadze, A. A., and Silin, V. P.

ON THE RATE OF LEVELING OF TEMPERATURE OF CHARGES PARTICLES IN A PLASMA. 7 Feb 63, 17p, 11 refs.

Free copies available from Boeing Scientific Research Labs. Library as Boeing Trans. R47. When supply exhausted, order from OTS or SLA ST. 60, 63-10849

Trans. of Akademiya Nauk SSSR, Fizicheskii Institut. [Rept]-A-82, 1962. Zhurnal Eksperimental'noi i Teoreticheskoi Fiziki (USSR) 1962, v. 43, no. 4, p. 1323-1330.

DESCRIPTORS *Temperature, Relaxation time, *Charged particles, *Plasma physics.

The paper examines problems of temperature relaxation, both in a gas of charged particles of one type. (Physics--Electronics, TT, v. 10, no. 1) (over)

- I. Ramazashvili, R. P.
- II. Rukhadze, A. A.
- III. Silin, V. P.
- IV. Boeing Trans-R47
- V. Boeing Scientific Research Labs., Seattle, Wash.

Office of Technical Services

63-10654

Silin, V. P.
**OSCILLATIONS OF A WEAKLY INHOMOGENEOUS
 PLASMA.** [1962] 28p. 4 refs.
 Free copies available from Boeing Scientific Research
 Labs. Library is Boeing Trans. R60. When supply is
 exhausted, order from OTS or SLA \$2.60, 63-10654

Trans. of Akademiya Nauk SSSR. Fizicheskii Institut.
 [Rept]-A-210, 1962, p. 1-23.

DESCRIPTORS: *Plasma physics, *Plasma oscillations,
 Oscillation, Electrons, Frequency, Stability, Elec-
 tromagnetic waves, Magnetic fields, Quantum statistics

The natural oscillations of a weakly inhomogeneous
 plasma are studied. The dispersion equations defining
 the natural frequencies of these oscillations are anal-
 ogous to the quasi-classical quantization rules of Bohr.
 The high-frequency electron oscillations of a weakly
 (Physics--Electronics, TT, v. 9, no. 6) (over)

- I. Silin, V. P.
- II. Boeing Trans-R60
- III. Boeing Scientific Research
 Labs., Seattle, Wash.

Office of Technical Services

63-10655

Lovetski, E. E. and Rukhadze, A. A.
ON THE CONVECTIVE INSTABILITY OF AN INHOMOGENEOUS PLASMA IN A GRAVITY FIELD. [1962]
15p. 6 refs.

Free copies available from Boeing Scientific Research
Labs. Library as Boeing Trans. R61. When supply is
exhausted, order from OTS or SLA \$1.60, 63-10655

Trans. of Akademiya Nauk SSSR. Fizicheskii Institut.
[Rept]-A-109, 1962, p. 1-13.

DESCRIPTORS: *Plasma physics, *Plasma oscillations,
Stability, *Gravity, Magnetic fields, Electromagnetic
waves, Electrons, Magnetohydrodynamics, Quantum
statistics, Tensor analysis, Dielectric properties,
Permeability.

The stability is investigated of the equilibrium state of
a weakly inhomogeneous rarified magnetoactive plasma
(Physics--Electronics, TI, v. 9, no. 6) (over)

- I. Lovetski, E. E.
- II. Rukhadze, A. A.
- III. Boeing Trans-R61
- IV. Boeing Scientific Research
Labs., Seattle, Wash.

Office of Technical Services

The Photodisintegration of Oxygen. I., by
A. M. Gorkunov, V. A. Osipova, 27 pp.

RPT.
Moscow, ~~USSR~~. ~~Academy of Sciences~~ ~~Institute~~ ~~Imeni P. N.~~
Lebedev An SSSR, 1962. S000969

JRC-tr-5395

Sol - Chem
Jan 63

220,632

Theory of Transport Phenomena in an Anisothermal
Fully Ionized Plasma, by L. M. Gorbunov, V. P. Silin.
RUSSIAN, per, Fizicheskii Institut Ak Nauk SSSR,
1963,
SLA TT 64-18014

Apr 67

322,984

On the Theory of Photodisintegration of the Light Nuclei
With Emergence of Fast Deuterons, by V. V. Balashov,
IK V. N. Fatsiy, 17 pp.
RUSSIAN, rpt, Fizicheskii Institut imeni P. N. Lebedeva,
Laboratoriya Formirovaniya Protonov A-29, Ak Nauk SSSR,
Moscow, 1963, pp 1-16. 9691140

Navy/NRL Tr-969

Sci - Phys
Feb 64

Navy Tr 3727/NRL 959
250,2789

Radiation During Scattering of Charged
Particles in Electromagnetic Waves of
Isotropic Plasma, by A. Gaylitis,
V. N. Tsytochik.
RUSSIAN, rpt. Fizicheskiy Institut imeni
P. N. Lebedeva, 11 May 1964, pp 1-30.
*FIL-IT-67-55

Eci - Phys
Feb 67

317,675

(NY-6518)

Portable Defibrillator With a Universal Power
Supply, by K. Azhibayev, V. Eskin, 13 pp.

RUSSIAN, bk, Fizicheskiye i Fiziologicheskiye
Prichiny Porozheniya Elektroosannosti v Gornykh
i Zharkikh Strenakh, 1960, pp 62-69.

JPRS 9901

Sci - Electron

Aug 61

165, 364

REF 20153)

Selected Information From "Physical Investiga-
tions in Criminalistics," by H. V. Terziyev,
B. I. Kirichinskiy, A. A. Eysman, Ye. B. Gerken,
127 pp.

RUSSIAN, bk. Fizicheskiye Issledovaniya v
kriminalistike, Moscow, 1948, pp 3-9 (Introduction),
93-113 (sec 1 of III), 131-137
(sec 6 of III), 137-147 (sec 7 of III), 147-156
(sec 8 of III), 173-178 (sec 3 of IV).

17,252 CIA/VDD/U-5609

USCIB - Political - criminal investigation
Sci - Physics, spectroscopic techniques in
criminal inv. Oct 54 OIB

Physical Characteristics of Comets, by S. K.
Vsekhsviatlidy.

RUSSIAN, bk. Fizicheskiye Kharakteristiki Komet,
1958, 575 pp.

✓ PL-480 (NASA) TT F-60

FY 63

Call Mrs. Dyer for Info

Feb 62

PST-508

by D. K. Vokhuyatskii, 506 pp.
RUS 1.14, bk. "Izucheniye Karakteri
sila i Kuch, Moscow 1958.
NAS TT 1-80
OTS 62-11051

1958
Set
1958

275,732

Life Phenomena, A Historical Survey,
RUSSEN, bk, Fizicheskie i Khimicheskie Osnovy
Zhiznennykh Yavleniy Istoricheskio Ocherki, 1963,
pp 1-171.
CFSTI TT 66-51018
NASA TT P-361

Sci-Behavioral & Social Sci
Mar 67

320,217

RND TR CHECK

TK41

DETERMINATION OF THE COEFFICIENT OF
EXPANSION BY MEANS OF CONVEYER DILATOMETER

CHICKMAN L; CHISTOV L E

UP: FIZICHESKIE METODY ISSLEDOVANIYA

1964, pp 998-1005

*In process as**MT-24-71-2087**Negative
12 Aug 71*

Physical Foundations of the Electronographic
Process, by V. M. Fridkin.

RUSSIAN, mono, Fizicheskie Osnovy Elektrono-
graficheskogo Protsessa, Moscow, 1963.

*CB

Sci-
Nov 63

Physical Principles of Rocket Flight, by
A. A. Imitriyevskiy, V. N. Koshevoy, 89 pp.

RUSSIAN, in, Fizicheskiye Osnovy Poleta Rakety,
Moscow, 1962, pp 1-80. 908,413

FTD-TT-63-345

Sci-Aero

Sep 63

343,447

On the Mechanism of Energy Transfer in Organic
Complexes of Rare Earths, by V. V. Kuznetsova

& A. N. Serchenko.

RUSSIAN, per, Fizicheskiye Problemy Spektroskopii,

Akademiya Nauk SSSR, Komissiya no Spektroskopii,

Vol 1, 1960, pp 236-239. *PS0005068*

Dept of Navy NIO tr 2604

Sci/Car Sci
June 68

358,220

Method of Calculating the Hydraulic Resistance
in Pipes on Pumping of Viscous and Elasto-
Viscoplastic Products Under Conditions of Heat
Exchange and High Pressure, by A. K. Skryabin,
31 pp.

RUSSEL, M., Fizicheskiye Protsessy i Gidrodinamika
Brazheta Teploshimicheskikh Apparatorov,
No 24, 1958, pp 107-125. 9671488

FTD MCL-994/1

173.306

Sci - Engg
16 Nov 61

Physical Processes in Stellar Interiors,
by D. A. Frank-Kamenetskiy, 337 pp.

RUSSIAN, Itk, Fizicheskije Protsessy Vnutri
Zvezd, Moscow, 1959, 343 pp. 9806341

BTX

NASA TT F-124

IPST Cat. No 815

NLL (Ex. Ref: 8731.9 1962(124))

226,961

Apr 65

Radiation of an Underwater Electrical Wire
Detonation, by I. V. Podmoshenskiy,
N. N. Ogurtsova.
RUSSIAN, per, Fizicheskiy Sbornik, Vol 4, No 9,
1958, pp 199-201.
NASA TT F-11,266

Sci-Electr
Jan 68

348,686

Erosion of Metallic Electrodes in a Low-Voltage Spark, by I. V. Podmoshenskiy,
N. N. Ogurtsova.
RUSSIAN, per, Fizicheskiy Sbornik, Vol 4,
NV 9, 1958, pp 248-251.
NASA TT F-11,268

Sci-Electr
Jun 68

348,685

The Spectra of ~~Cyclohexadiene~~ Compounds which Contain
an Aromatic Ring, by Yu. P. Yegorov, Ye. A. Cherny-
shev.

RUSSIAN, per, Fizicheskiy Sbornik, No 3 (80), pp 300-
303.

CIA S-132

Sept 68

366,470

SPECTRAL ANALYSIS OF HIGH-PURITY GOLD BASED
ON ABSOLUTE INTENSITIES OF THE ANALYTIC LINES,
BY A. A. KURANOV, N. P. RUKSHA.

RUSSIAN, BK, FIZICHESKIY SBORNIK 2. ATOMNAYA
SPETROSKOPIYA. MATERIALY DESYATOGO VSESOYUZNOGO
SOVESHCHANIYA PO SPEKTROSKOPII, 1958, PP 421, 422.

NIL RTS 1879

SCI - PHYS

JUN 62

199,893

Physics of the Atmosphere, by P. N. Tverskoi.
RUSSIAN, rpt. Fizika Atmosfery. Kurs
meteorologii, 1962, (CPSU).
NASA TT F-288

Sci-Phys
Apr 60

298,804

(2291-N)

The Dielectric Strength of Polyethylene at
High Frequencies, by S. M. Bragin, 2 pp.

RUSSIAN, bk, Fizika Dielektrikov, Moscow, 1958,
pp 19-20.

JPRS L-664-N

Sci - Electronics
Mar 59

(2291-E)

The Effect of Beta-Radiation of the Electric
Conductivity of Synthetic Gersin, by A. M.
Ar'yev, A. P. Ashraf'yan, 3 pp.

RUSSIAN, bk, Fizika Dielektrikov, Moscow, 1958,
pp 50-51.

JPRS L-664-E

Sci - Electronics
Mar 59

83,141

(2201-M)

Measurements of the Tangent of the Loss Angle
and the Dielectric Permeability of Polymers
at Wave Lengths from 3 to 10 Centimeters as
Affected by the Temperature, by A. M. Lobanov,
7 pp.

RUSSIAN, in, Fizika Dielektrikov, Moscow, 1958,
pp 146-152.

JPRS 1664-M

Sol - Electronics
Mar 59

83,142

Dielectric Permeability and Dielectric Losses
in Some Ceramic Materials in Strong High-
Frequency Electric Fields at High Temperatures,
by I. S. Filatov, 14 pp.

RUSSIAN, bk. Elektr. Dielektr.kov. Trudy Vtoroy
Vsesoyuznoy Konferentsii. 1958, pp 28-36.

JUNE 42823

USSR
Sci-Physics
Cat 67

340,715

The Physics of Combustion and Explosion, by
L. N. Zhurav.

RUSSIAN, bk, Fizika Goreniya i Vzryva, 1957.

OTS 61-31205

PST Cat. No 640

226,960

Apr 63

Physics of Combustion and Explosion, Table of Con-
tents, ~~XXXXXX~~ by L. N. Khitrin, 13 pp.

^{bk}
RUSSIAN, ~~see~~, Fizika Goreniya i Vzryva, 1957, Encl
to SIR-2746.

USSR
Sci - Physics

AID/Aug 57

54,876

Nov 57

Some Data on the Mechanism of the Recovery
of Ferric Oxide with Carbon Monoxide, by M.S.
Kurchatov.

RUSSIAN, per, Flz. Khim. Oswovy Proizv. Stali
Moscow, 1964, pp 417-426

CB 19/1492

Sci -
Aug 67

335-599

New Experimental Investigations of the Stability
and Phase Relations of Hydrated Iron Silicates,
by H.P. Bugster,
RUSSIAN, per, Fiz Khim Prob Form Gorn Porod i Rud,
1961, vol.1, pp.622-640.
ATS -00R78R

ES/Astron
Aug 66

7
306,664

Astrometry and Astrophysics IV: Physics of Comets,
by V. P. Konopleva.
RUSSIAN, bk. Astrometriya i Astrofizika IV: Fizika
Komet, 1969, 224 pp.
*NASA TT-P-599

Sci-Astro & Astrophysics
June 69

NEURAL REGULATION OF THE COMPOSITION AND PROPERTIES
OF BLOOD: CONCLUSION AND DEDUCTIONS, BY A. U. YUNISOV
6 PP.

RUSSIAN, PER FIZ KROVI CHELOVEKA I ZHIVOTNYKH V
ZHAROM KLIMATE, 1961, PP 162-168.

JPRS 21405

BIOL & MED SCI
OCT 63

344,990

Brightness Distribution in the Limb Zone
of Mars, by L. A. Bugayenko, et al.
RUSSIAN, rpt, Fizika Lamy i Planet, 1964,
pp 54-57.
NASA TT F-10,018

Sci-Space Aero
May 66

300,883

Diffusion of Iron in Certain Metals, by V. P.
Vasilev, I. F. Kinnardin, et al,

RUSSIAN, per, Fiz-Mat Nauk, Vol LXV, No 12, 1955,
pp 47-53.

*ABC

Sol - Phys
Sep 60

Exposure and Identification of Structural
Elements in Heat Resisting Alloys on a Nickel
Base, by E. E. Levin, 7 pp.

RUSSIAN, per, Fiz Met Issled, Vol XXIX, No 9,
1963, pp 1085-1088.

CIA/FDD XX-1535
NO FOREIGN DISSEM

Sci - M/II
May 64

USIB Internal Use Only

257,735
~~257,735~~

Some Problems of the Kinetics of Formation and
Growth of Non-Metallic Inclusions in Steel, by
S.I. Popel.
RUSSIAN, per, Fiz Khim Osnovy Proiz Stale Moscow,
Vol , 1964,
pp 15-23.
Vol 17, No 3, 1969

July 69

385-215

Physics of the Moon and the Planets,
by I. M. Koval,
RUSSIAN, bk. Fizika Luny i Planet, Kiev, 1964.
NASA TT F-382
CISTI TT 66-51019

Sol - ES
Sep 66

308,390