

Induction of Directed Hereditary Changes in *Drosophila*
Melanogaster, by S. M. Gershenzon, I. A. Kiseleva, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 3,
1958, pp 554-.

Amer Inst of Biol Sci

Sci - Med

96,165

The Phytoplankton of the Northwest Bays of Lake
Ladoga, by N. A. Petrova, 2 pp.

CXXIII, 3
RUSSIAN, per, Dok Ak Nauk SSSR, Vol ~~XXX~~, No X,
1958, pp 558--.

Amer Inst of Biol Sci

Sci - Med

Effect of Soy Oil and Its Components on
Streptomycin Production, by T. B. Kazanskaya, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CKXIII, No 3,
1958, pp 561-.

Amer Inst of Biol Sci

Sci - Med

96,172

Lunar Periodicity in Spawning of Littoral and Upper-
Sublittoral Invertebrates of the White Sea and Other
Seas, by S. A. Mileikovskiy, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 3,
1958, pp 564-.

Amer Inst of Biol Sci

Sci - Med

97,207

The Rate of Evolution in Lamnoid Sharks, by I. S
Glikman, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 3,
1958, pp 568-.

Amer Inst of Biol Sci

Sci - Med

96,162

The Introduction of a Parasite With a Complex
Life Cycle, *Bothriocephalus Gowkongensis* Yen,
1955, During Acclimatization of Fish From the
Amur River, by M. A. Malevitskaya, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 3,
1958, pp 572-.

Amer Inst of Biol Sci

Sci - Med

96,175

The Formation of Streaming Fluctuations Behind
a Solid Obstacle, by V. N. Arkhipov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII,
No 4, 1958, pp 620-.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 6

Sci - Phys
Jul 59

91,839

The Stability of Cylindrical Shells From the
Standpoint of the Mathematical Theory of
Elasticity, by K. P. Voitsekhovskaya, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII,
No 4, 1958, pp 623-626.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 6

Sci - Phys
Jul 59

91, 815

On an Explosion in an Unbound Compacting Medium,
by A. N. Rozashov, V. N. Rodyonov, A. P. Sukhotin,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 4,
1958, pp 627-.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 6

Sci + Phys
Jul 59

91, 8/6

An Asymptotic Expression for the Eigenfunctions
of the Equation of $\Delta u + k^2 u = 0$ with Boundary
Conditions on Equidistant Curves and the
Propagation of Electromagnetic Waves in a
Waveguide, by V. P. Maslov, 4 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII,
No 4, 1958, pp 631.

Amer Inst of Phys
Sov Phys-Doklady
Vol III, No 6

119,050

Sci
Mar 60

The Radiation of a Point Charge Moving Uniformly
Along the Axis of a Circular Hole in an
Infinite Ideally Conducting Plane, by V.
Bobrinev, V. Braginaky, 3 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII,
No 4, 1958, pp 634-636.

Amer Inst of Phys
Sov Phys-Doklady
Vol III, No 6

Sci
Mar 60

110,062

Calculation of a Lower Limit for the Explosion
Efficiency Curve, by L. G. Bolkhovitinov, P. F.
Pokhil, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII,
No 4, 1958, pp 637, 638.

Amer Inst of Phys
Sov Phys-Doklady
Vol III, No 6

Sci

Mar 60

Range of Low-Energy Secondary Electrons in a Metal and
the Role of Inelastically Reflected Electrons in
Secondary Electron Emission, by I. M. Bronshteyn,
R. B. Segal¹, 4 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 6,
1958, pp 639-642.

Amer Inst of Phys

Sci Phys-Doklady

Vol III, No 6 110, 399

Sci
Mar 60

Two Processes Leading to the Capture of Electrons
Under Betatron Acceleration Conditions, by A. P.
Komar, Yu. S. Korobochko, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII,
No 4, 1958, pp 643, 644.

Amer Inst of Phys
Sov Phys-Doklady
Vol III, No 6

Sci

Mar 60

Infrared Spectra of Complex Compounds Containing $SbCl_3$
and $SnCl_4$, by Sh. Sh. Raikin, 3 p.

RUSSIAN, Izv. Dok Ak Nauk SSSR, Vol CXXIII, No 4,
1958, pp 645-647.

Amer Inst of Phys
Sov Phys-Doklady
Vol III, No 6

Sci
Mar 60

110,400

On the Mechanism of Formation of Embryonic
Cracks in Plastically Deformed Crystals,
by V. N. Rozhanskiy,

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII,
No 4, 1958, pp 648-.

Amer Inst of Phys
Sov Phys-Doklady
Vol III, No 6

Sci
Mar 60

110,401

Superfluid State of the Atomic Nucleus, by Y. G.
Solov'yev, 4 pp.

4

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 2,
1958, pp 652-.

Amer Inst of Phys
Sov ~~PHYS~~ Phys - Doklady
Vol III, No 6

Sci - Phys
Jul 59

91,834

Experimental Investigation of the Statistical
Characteristics of Flickering of a Terrestrial
Light Source, by A. S. Gurvich, V. I. Tatarskiy,
L. P. Pavang, 4 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII,
No 3, 1958, pp 655-658. 9672.8.1

4

CB

106,922

Sci
Feb 60

I

The Effect of Ultrasound on Various Proteins and
Amino Acids, and Its Dependence on the Nature of
the Gases Present, by I. E. El'piner, A. V.
Sokol'skaya, x 4 pp.

RUSSIAN, per, Dok Ak. Nauk SSSR, Vol CXXIII, No 4,
1958, pp 659-.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 6

Sci - Phys
Jul 59

91,806

The Effect of Surface-Active Media on the Surface
Hardening of Metals, by G. I. Spitsanov, H. I.
Glagolev, P. A. Rebindev, 4 pp.

RUSSIAN, per Dok Ak Nauk SSSR, Vol CXXIII,
No 4, 1958, pp 663-666.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 6

Sci - Phys
Jul 59

91,817

Study of the $K\beta_5$ -Band and the K-Absorption Edge
of Metallic Nickel on Passing Through the Curie
Point, by V. A. Kazantsev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII,
No 4, 1958, ~~XXXXXX~~ pp 667-670.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 6

Sci - Phys
Jul 59

91,818

High-Temperature Impulse Light Source, by A. A.
Pik, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII,
No 4, 1958, pp 671-.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 6

Sci - Phys

Jul 59

91, 819

Microstructure of Stresses in Lines of Slip
and Dislocation, by V. L. Indenboga, G. E.
Tomilovskiy, 5 pp. M

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII,
No 4, 1958, pp 673-.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 6

Sci - Phys
Jul 59

AEI/1 1395 91,843

The Reaction of Alkyl Radicals With Nitrogen
Dioxide, by I. V. Patsevich, A. V. Topchiyev,
W. Ya. Shtern, 9 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII, No 4,
1958, pp 696-699.

SLA 59-15508

Sci
Jan 60
Vol 2, No 7

104,504

Enzymatic Reduction of Quinone by Glycolic
Acid, by P. A. Kolesnikov, K. I. Petrochenko,
S. V. Zore, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII,
No 4, 1958, pp 729-732.

Amer Inst of Biol Sci

Sci - Biol, Chem

Jun 59

89,326

Quinic and Shikimic Acids in Plants, by S. M.
Manskaya, L. A. Kodina, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII,
No 4, 1958, pp 733-.

Amer Inst of Biol Sci

Sci - Biol, Chem

Jun 59

89,327

The Paleogeography of the Eastern Part of the
Russian Platform at the End of the Tournesian
Age, by M. F. Mirchink, R. O. Khachatryan, 4 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII, No 4,
1958, pp 737-

CB

Sci
Feb 60

166,908

The Crystal Structure of Hallebrandite, by
Kh. S. Mamedov, N. V. Belov, 4 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 4,
1958, pp 741-.

CB

Sci
Feb 60

106,930

Barite Concretions in the Kiev Marl in the
Donbas, by P. V. Zoritskiy, 4 p.

²
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII,
No 4, 1958, pp 744-.

CB

Sci
Feb 60

106,932

New Data on the Pseudosuchia of the USSR, by
V. G. Ochev,
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII,
No 4, 1958, pp 749-751.
NLL RTS 3861
ON LOAN ONLY

Sci-Bar Sci
Jul 67

329,177

Changes in Ribonucleic Acid as Related to the
Activity and Nutrition of the Neurone (as
Exemplified by Cytochromic Investigations of the
Ganglion Cells of the Retina). by V. Ya. Brodskiy,
N. V. Nechayeva, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 4,
1958, pp 756-.

Amer Inst of Biol Sci

Sci - Med

96,160

The Regenerative Power of the Cranial Bone Tissue
of Warm-Blooded Animals During Postnatal Onto-
genesis, by N. G. Rogal', V. V. Maksay, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII, No 4,
1958, pp 760-.

Amer Inst of Biol Sci

Sci - Med

96,164

Changes in the Skeletal Muscle Tissue During
Training, by K. S. Lobyntsev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 4,
1958, pp 764-.

Amer Inst of Biol Sci

Sci - Med

96,181

Conditions on Discontinuity Surfaces in the
General Theory of Relativity, by V. A. Skripkin,
5 p.

RUSSIAN, per, Dok Ak Nauk BSSR, Vol CXXIII,
No 5, 1958, pp 799-802

Amer Inst of Phys
Sov Phys-Doklady
Vol III, No 6 110,053

Sci Mar 60

the On the Evaporation of Solid Globules in a Gas
Flow, by V. I. Zubkov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII,
No 5, 1958, pp 803-.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 6

Sci - Phys
Jul 59

91,840

1

On the Stability of Dynamically Loaded Cylindrical
Shells, by A. S. Vol'mir, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 5,
1958, pp 806-808.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 6

Sci - Phys
Jul 59

91,809

The Effect of Nonuniform K Heating on Stress Variation
in Creep, by B. F. Shorr, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 5,
1958, pp 809--.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 6

Sci - Phys
Jul 59

91,810

On Certain Questions in the Theory of Radiation
Transfer and Radiant Heat Exchange in an
Absorbing Medium, by Yu. A. Surinov, 5 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII,
No 4, 1958, pp 813.

Amer Inst of Phys
Sov Phys-Doklady
Vol III, No 5

110,051

Sci

9-5006

(DC-2736).

The Structure and Motions of Large-Scale
Inhomogeneities in the F_2 Layer of the
Ionosphere, by V. D. Gusev, L. A. Drachev,
S. P. Mirkotan, Yu. V. Herezin, M. P. ^t
Kiyamovskiy, M. V. Vinogradova, T. A. Gaylis,
5 pp.

RUSSIAN, per, Doklady Akademi Nauk SSSR, Vol
CXKLIII, No 5, Dec 1958, Moscow, pp 817-820.

JPRS-L-1700-D

Sci - Physics, Geophysics Navy 2168-T122
~~2168-T122~~ June 59 88,903

On a Plane Linear Boundary Value Problem of
Generalized Hydrodynamics (Theory of the
Ultrasonic Interferometer), by I. I. Ol'khovskiy,
4 pp.

RUSSIAN, per. Dok Ak Nauk SSSR, Vol CXXIII,
No 5, 1953, pp 821-824.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 6

Sci - Phys
Jul 59

91, 835-

The Electrons That Produce the Hard X-Radiation
of Powerful Pulsed Discharges, by I. M.
Podgornyi, N. G. Koval'skiy, V. E. Pal'chikov,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 5,
1958, pp 825-827.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 6

Sci - Phys
Jul 59

91,836

The Faraday Effect and Mott Excitons, by A. G. Savolovich, L. L. Koroblit, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 5, 1958, pp 828-831.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 6

Sci - Phys
Jul 59

91,829

Nonstationary Planar Currents in a Polytropic
Gas Having Rectilinear Characteristics, by A. F.
Sidorov, N. N. Yanenko, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII,
No 5, pp 832-834.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 6

Sci - Phys
Jul 59

91,830

Heat Transfer Between the Normal and Superfluid
Phases of Liquid Helium, by V. G. Khoryzainov,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 5,
1958, pp 835-837.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 6

Sci - Phys
Jul 59

91, 831

Dispersion Relations for the Production of
 ~~π~~ -Mesons, by V. Tselinev, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 5,
1958, pp 838-.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 6

Sci - Phys
Jul 59

91, 832

The Kinetics of the Polycondensation of Acid
Chlorides of Dicarboxylic Acids with Difunctional
Phenols, by B. V. Vinogradova, V. V. Korshak, 8 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, 1958, Vol. CXXIII,
No 5, pp 849-852.

SLA 59-15509

Sci
Oct 59
Vol 2, No 3

99,925

Problems of the Kinetic Mechanism of the Reaction
Between Methyl Methane and Nitrogen Peroxide, by
T. V. Fedorova, et al.

RUSSIAN, *ibid.*, Dok Ak Nauk SSSR, Vol CXXIII, No 5,
1958, pp 850-863.

NLL H. 2827

Sci - Chem

Jan 62

180,044

Stability of the Latent Image and Speed in Nuclear
Photographic Emulsions Sensitized With Trietheno-
lamina, by A. P. Zhdanov, A. L. Kartuzhanskiy, E. V.
Ryzhkova, L. I. Shur, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 5,
1958, pp 874-877.

NLL M-2467
CIA/SDO XI-717

NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Physics
Dec 59

USIB INTERNAL USE ONLY

SLA 60-16061 U.S. info

102, 131

The Nature of the Acidity of Silica-Alumina
Cracking Catalysts, by K. V. Topchiyeva, I. F.
Moskovskaya, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 5,
1958, pp 891-894.

ATS-60L30R
ATS-60-1077

Sci - Chem
Sep 59
Vol 2, No 1

97, 419

Some Data on the Content and Distribution of Iron
in the Black Sea, by M. A. Dobrzanskaya, T. I.
Pahemina,

RUSSIAN, par, Dok Ak Nauk SSSR, Vol CXXIII, No 5,
1958, pp 895-.

Consultants Bureau

Sci - Chem

Sep 59

96,578

Identity of Histaminase and Diamine Oxidase,
by E. V. Goryachenkova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII,
No 5, 1958, pp 898-.

Amer Inst of Biol Sci

Sci - Biol, Chem

Jun 59

89,328

A Study of the Influence of Various Inhibitors on
the Corrosion Cracking of Metals, by S. A. Balezin,
V. V. Romanov, I. I. Podobayev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 5,
1958, pp 902-.

Consultants Bureau

Sci - Geophys

Sep 59

96,719

Cambrian Phosphorite Deposits in the Kandyktas
Mountains (South Kazakhstan), by K. I.
Dvortsova, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII,
No 5, ~~pp~~ 1958, pp 907-909.

Consultants Bureau

Sci

Fe b 60

New Discoveries of a Paleozoic Fauna in the Little
Khingian Range (Chinese), by M. S. Nagibina,
V. N. Krestovnikov, Chang Pu-ch'un, Yu. G. Getinshiy,
4 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 5, 1958,
pp 910-913.

CB

Sci
Feb 60

106,909

New Data on the Stratigraphy and Lithology of
the Terrigenous Deposits of the Lower Carboniferous
of the Middle Volga Basin, by G. I. Teyodorovich,
R. O. Khachatryan, N. N. Sokolova, 4 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 5,
1958, pp 914-.

CB

Sci
Feb 60

106,910

The Influence of the Physical and Mechanical
Properties of Rocks on the Localization of Ores
in the Kansk Lead-Zinc Deposit, by G. G. Kravchenko,
4 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 5,
1958, pp 917-.

CE

Sci
Feb 60

107,533

A Histoautoradiographic and Histochemical Study of
the Inclusion of Pb^{2+} in Nerve Cells, by N. D.
Gracheva, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 5,
1958, pp 937-

Amer Inst of Biol Sci

Sci - Med

96,168

Peculiarities of the Fusion of Nuclei of Sexual
Cells in the Peanut (*Arachinis hypogaea* L.) by
S. S. Zimotaylov. 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CSSIII, No 5,
1958, pp 941-.

Amer Inst of Biol Sci

Sci - Biol

Jul 59

92,017

Development of Conditioned Motor Reflexes of the
So-Called Voluntary Type in Month-Old Babies, by
I. A. Vakhrameyeva, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 5,
1958, pp 94-.

Amer Inst of Biol Sci

Sci - Med

96,182

Differentiation of the Gonads in the Karakul
Sheep Embryo, by K. G. Gazaryan, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 5,
1958, pp 948.

Amer Inst of Biol Sci

Sci - Med

96,161

On the Insolubility of Certain Topological Problems,
by A. Markov, 7 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 6,
1958, pp 978-980. 9693220
FTD-TT-64-466

Sci - Math & Data Proc
Jul 64

263,726

On a Single Particular Solution of Ideal
Plasticity Theory in Cylindrical Coordinates,
by D. D. Ivlev, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 6,
1958, pp 988-990.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 6

Sci - Phys
Jul 59

91,811

Mixed Boundary Value Problem for an Elastic
Lamina, by Ya. S. Uflyand, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 6,
1958, pp 991-.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 6

Sci - Phys
Jul 59

91, 812

A General Expression for the Phase Density of
Finite Stationary Axially Symmetric Self-Gravitating
Stellar Systems and Their Differential Axial
Rotation, by G. M. Idlis, 4 pp.

RUSSIAN, per Dok Ak Nauk SSSR, Vol CXXVIII, No 6,
1958, pp 994-.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 6

Sci - Phys
Jul 59

91,841

On the Correlation Functions for a System of
Identical Charged Particles, by V. P. Galaiiko,
L. E. Fargamanik, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII,
No 6, 1958, pp 999-.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 6

Sci - Phys
Jul 59

91,825

Scattering and Polarization of Light in the
Atmosphere in the Libyan Desert, by S. V.
Spaschovskaya-Pesenkova, 4 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXII,
No 6, 1958, pp 1006-1009.

CB

Sci
Feb 60

106,923

The Steep^{ness} of Growing Waves at Different Wind
Velocities, by V. Y. Shuleykin, 4 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII,
No 6, 1958, pp 1010-.

CS

Sci
Feb 60

105,924

Local and Distance Effects of Whole-Body Roentgen
Irradiation in the Production of Injury to the
Ovaries in Mice, by O. N. Petrova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 6,
1958, pp 1018-.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 6

Sci - Phys
Jul 59

91,807

Temperature of the Spark-Discharge Channel,
by M. P. Vanyukov, A. A. Mak, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII,
No 6, 1958, pp 1022-.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 6

Sci - Phys
Jul 59

91, 8.20

The Realization of Networks for Discrete
Correctors, by M. A. Gavrillov, V. M. Ostianu,
V. N. Rodin, B. L. Timofeev, 43 pp.

RUSSIAN, per, Doklady Akad, Nauk, Vol CXXIII,
No 6, Dec 1958, pp 1025-1028.

Automation Express
Vol I, No 8
Internat'l Physical Index

Sci
Jan 59

available in Br 5 Lib

90,426

On Surface Activity of Liquid Metal Coatings and
Their Effect on Strength of Metals, by N. V. Pertsov,
P. A. Rebinder, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 6, 1958,
pp 1068-1070.

ACSI H-9320
ID 2170464

Sci - Min/Metals
Aug 61

162,940

On the Age of the Deposits of the Lower Part of
the Minusinsk Series in Connection with the
Discovery of *Lepidodendropsis Kirmeri* Lutz
in the Samokhval Formation, by A. R. Anan'ev,
Yu. V. Brikhailova, 6 p.

RUSSIAN, per, *Dok Ak Nauk SSSR*, Vol CXIII,
No 6, 1958, pp 1081-1084.

CB

Sci
Feb 60

106,911

Stages in the Formation of and Changes in the
Terrigenous Rocks as Illustrated in the Study of
the Novo-Minskais Bore (Near-Kuban Lowland), by
M. M. Vaselovskaya and N. A. Yaseneva, 4 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 5,
1958, pp 1085-1088.

CB

Sci
Feb 60

106,912

The Regularity of Construction of River Floodplains
in the Pre-Caucasus and Their Importance in the
Analysis of Recent Tectonic Movements, by E. K.
Gonolov, 4 p.

RUSSIAN, par, ^K DoY Ak Nauk SSSR, Vol ~~CHETVI~~, No 6,
1958, pp 1089-1091.

CB

Sci
Feb 60

106,913

New Data on the Stratigraphy of the Lower
Cambrian of the Mariinsk Raiga, by I. T.
Zhuravleva, L. N. Repina, V. V. Khomentovskiy,
4 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 6,
1958, pp 1092-1094.

CB

Sci
Feb 60

106,914

On the Lower Silurian Deposits of Southeast
Transbaikalia, by V. N. Kozerenko, A. A. Lokerran,
4 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 6,
1958, pp 1096-1099.

CB

Sci
Feb 60

106,915

The ^PBerrian Deposits of the Chiron Field (East
Transbaikalia), by M. N. Kulikov, M. I.
Tulokhonov, 4 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 6,
1958, pp 1100-1103.

CB

Sci
Feb 60

106,918

Recent Tectonic Movements of the Alai Depression
and the Surrounding Mountains, by G. I. Reisner,
4 p.

RUSSIAN, par, Dok Ak Nauk SSSR, Vol CXXIII, No 6,
1958, pp 1104-.

CB

~~JUNE 26 1960~~

Sci
Feb 60

106,917

The Pegmatites of Central Kazakhstan, by
S. D. Dmitryev, 4 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 6,
1958, pp 1108-.

CB

Sci
Feb 60

107,534

The Preopticohypophysial Neurosecretory System in
Sturgeon, by A. L. Polenov, I. A. Barannikova, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 6,
1958, pp 1117-1120.

Amer Inst of Biol Sci

Sci - Med

96,169

The Structure of the Synapses^S in the Reticular Formation
of the Cat Medulla, by Sh. A. Khidrogluyan, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 6,
1958, pp 1121-.

Amer Inst of Biol Sci

Sci - Med

96,170

Gibberellin-like Substances Formed by Soil Yeasts,
by H. A. Krasil'nikov, M. Kh. Chaylekhyan, I. V.
Aspyeva, L. P. Khlopenkova. 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 6,
1958, pp 1124-.

Amer Inst of Biol Sci

Sci - Biol

~~Sci - Biol~~ 2

Jul 59

Jul 2

92,013

Something New in Barley Fertilization, by M.
Klyuchareva. 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 65, No 6,
1958, pp 1128-.

Amer Inst of Biol Sci

Sci - Biol

JUL 59

92,019

Concerning Synaptic Junctions in the Nervous
System of the Intestine of Cyalostomes, by A. A.
Milokhin, 3 pp.

RUSSIAN, par, Dok Ak Nauk SSSR, Vol CXXIII, No 6,
1958, pp 1131-.

Amer Inst of Biol Sci

Sci - Med

96,173

**Rate of Phosphorus Exchange in the Carbohydrate
and Lipoprotein Fractions During Myxomatosis, by
L. A. Kalchev, 3 pp.**

**RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 6,
1958, pp 1133-1136.**

Amer Inst of Biol Sci

Sci - Med

96,183

Secretion of Milk in Goats After Complete Severance
of the Spinal Cord, by G. B. Tverskoy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 6,
1958, pp 1137-.

Amer Inst of Biol Sci

Sci - Med

96,184

DOKLADY AN SSSR, GEOKHIMIYA, GEOFIZIKA,
PETROGRAFIYA, MINERALOGIYA, GIDROGEO-
LOGIYA, LITOLOGIYA, OKEANOLCGIYA
(Doklady Earth Science Sections: Geo-
chemistry, GEOLOGY, Geophysics, Petro-
graphy, Mineralogy, Hydrogeology, Pale-
ontology, Lithology Oceanology - bimonthly)
Translation begins with 1959,
Vols. 124-129
Lag time: ca. 6 months
Order from: American Geological Institute
Translations Office
2201 M Street, N.W
Washington, D.C. 20037
1971: \$ 125.00 volume year
\$ 25.00 single issues

NTC

DOKLADY AKADEMII NAUK SSSR

1959 V125 P765-766	70-20974 <*>
1959 V125 N5 P1057-1060	70-20975 <*>
1959 V126 N6 P1216-1219	70-20976 <*>
1959 V127 N2 P302-305	70-20977 <*>
1959 V127 N2 P341-347	70-20978 <*>
1959 V127 N4 P612	70-20979 <*>
1959 V127 N5 P1027-1028	70-20980 <*>
1959 V127 N5 P1029-1032	70-20981 <*>
1959 V128 N5 P956-959	70-10936-07C <*>
1959 V129 P168-171	70-20992 <*>
1959 V129 N2 P349-350	70-12658-07C <*>
1960 V134 N6 P137A-1380	70-20982 <*>
1960 V135 N1 P129-132	70-20983 <*>
1960 V135 N2 P327-330	70-20984 <*>
1960 V135 N5 P1164-1167	70-21030 <*>

On the Structure of a Ring of Rapidly Decreasing
Functions on a Lie Group, by I. M. Gel'fand, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 1,
1959, pp 19-21.

SLA 59-14685

Sci - Engineering
Sep 59
Vol. II, No 2

98,653

Solvability of Nonstationary Magnetohydrodynamic
Problems, by O. A. Ladyzhenskaya, V. A. Solonnikov,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 1,
1959, pp 26-28.

MDP-L-124

Sci
Nov 59

101, 147

On Algorithms and Programming for Playing at
Dominoes, by Iu. A. Pervin, 5 pp.

RUSSIAN, per, Doklady Akad. Nauk, Vol CXXIV,
No 1, 1959, pp 31-33.

Automation Express
Vol I, No 8
Internat'l Physical Index

Sci
Jun 59

AVAILABLE BR 5

LIBRARY 90.427

On the Impossibility of Eliminating the Crisis of
all Functions in P_2 in Solving Certain Problems in
the Theory of Networks, by S. V. Yablonskiy,

RUSSIAN, par, Dok Ak Nauk, Vol CXXIV, No 1,
Jan 1959, pp 44-47.

Internatl Physical Index
Automation Express
Vol I, No 10

Sci

93, 873

Aug 59

On Modeling the Movement of a Massive Solid Body
Under the Influence of a Shock Wave, by S. S.
Grigoryan, A. G. Sokolov, Yu. I. Spasibukhov, 3 pp.

RUSSIAN, par, Dok Ak Nauk SSSR, Vol CXXIV, No 1, 1959
pp 48-.

Amer Inst of Phys
Sov Phys - Doklady
Vol IV, No 1

Sci - Phys

97,076

Formed Elements of the Haemolymph of Ixodid Ticks,
by V. Tsvileneva.
RUSSIAN, per, Doklady Akademii Nauk Tadzhikskoi
SSR, Vol 2, No 1, 1959, pp 45-51.
(CSIRO/No. 7179)

Sci -
Aug 67

339,895

On Solutions to the Equations of Magnetogasdynamics
with Zero Temperature Gradient, by V. P. Korobeinikov,
E. V. Ryazanov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 1, 1959
pp 51-.

Amer Inst of Phys
Sov Phys - Doklady
Vol IV, No 1

Sci - Phys

97,066

On the Dissipation of Hydrogen from Planetary
Atmospheres, by E. K. Byunter, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 1, 1959
pp 53-.

Amer Inst of Phys
Sov Phys - Doklady
Vol IV, No 1

Sci - Phys

97,059

The Propagation of an Approximately Spherical
Heat Front, by R. M. Zaidel', O. S. Ryshov,
E. I. Andriankin, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 1, 1959
pp 57-.

Amer Inst of Phys
Sov Phys - Doklady
Vol IV, No 1

Sci - Phys

97,073