

Structure of Moist Tropical Soil (North
Vietnam), by V. M. Fridland and K. Ya.
Dorokhova, et al, 3 p.
RUSSIAN, per, Doklady Akademii Nauk SSSR,
Vol CLIV, No 3, 1964, pp 707-709.
Soil Science Society of America

Sci-Agri
Mar 66

A New Principle in the Production of a
"Fluidized Bed", by V. A. Chlenov, N. V.
Mikhaylov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Chemical
Technology Sections, vol CLIV, No 3,
Jan-Apr, 1964, pp 703-706.

CB

Sci
Aug 65

The Mechanism of the Extensive Purification
of Vapor from Drop Entrainment in Plate
Columns, by A. M. Rozen, N. F. Alen'kin,
et al, 4 pp.

RUSSIAN, per, Dok Ak Nauk sSSR, Chemical
Technology Sections, Vol CLIV, No 3,
Jan-Apr, 1964, pp699-702.

CB

Sci
Aug 65

A Hydrophobic Hydrogen-Silica Adsorbent with an
Si-H Bond (Hydridopolysiloxane Xerogel), by I. B.
Slinyakova, G. B. Budkevich, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Physical Chemistry,
Vol CLIV, No 3, Jan 1964, pp 692-.

CB

May 65

The Temperature Dependence of the Kinetic
Characteristics of Exothermic Reactions in the
Condensed Phase, by B. V. Novozhilov, 1 P.
RUSSIAN, per, Dok Ak Nauk SSSR, Physical Chemistry,
Vol CLIV, No 3, Jan 1964, pp 690-691.

CB

May 65

Spin Density Distribution in Metal Ketyls Containing
Methyl Groups, by I. D. Morozova, M. E. Dyatkina,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Physical Chemistry,
Vol CLIV, No 3, Jan 1964, pp 687-689.

CB

May 65

Quasidiffusion Surface Waves in Polarography, by
S. G. Mairanovskiy, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Physical Chemistry,
Vol CLIV, No 3, Jan 1964, pp 683-686.

CB

May 65

Rate of Thermal Decomposition of Saturated Organo-
silicon Peroxides, by A. K. Litkovets, T. I.
Yurzhenko, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Physical Chemistry,
Vol CLIV, No 3, Jan 1964, pp 679-682.

CB

May 65

Mechanism of the Formation of Austenite During
Rapid Heating of Carbon Steels, by V. N. Gridnev,
V. N. Minakov, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Physical Chemistry,
Vol CLIV, No 3, Jan 1964, pp 675-678.

CB

May 65

An Electron Microscope Study of the Catalyzed
Crystallization of Glasses in the $\text{Li}_2\text{O}-\text{Al}_2\text{O}_3-\text{SiO}_2$
System, by V. N. Vertsner, N. E. Kind, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Physical Chemistry,
Vol CLIV, No 3, Jan 1964, pp 673-674.

CB

May 65

The Mechanism of Formation of Molecular Products
During the Radiolysis of Water, by V. M. Byakov,
B. V. Ershler, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Physical Chemistry,
Vol CLIV, No 3, Jan 1964, pp 669-672.

CB

May 65

The Theory of the Electrolytic Dissolution of Films
from the Surface of an Indifferent Electrode, by
Kh. Z. Brainina, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Physical Chemistry,
Vol CLIV, No 3, Jan 1964, pp 665-668.

CB

May 65

Low-Temperature Relaxation Processes in Rubberlike
Polymers, by G. M. Bartenev, Yu. V. Zelenev, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Physical Chemistry,
Vol CLIV, No 3, Jan 1964, pp 661-664.

CB

May 65

Monoclinic Distortion of the Cubic Lattice in
the Ageing of Ni-Be and Cu-Be Alloys,
by Yu. D. Tyapkin, 4 pp.

RUSSIAN, per, Dok AK Nauk SSSR, Phys Section,
Vol CLIV, No 43, 1964, pp 578- .

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

Sci-
Ag 64

Stabilization of High-Strength Vacuum-Deposited
Films, by L. S. Palatnik, A. I. Il'inskiy, 2 pp.

RUSSSIAN, per, Dok Ak Nauk SSSR, Phys Section,
Vol CLIV, No3, 1964, pp 575-577.

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

Sci-
Aug 64

Scattering, Fluorescence, and Transitional
Phenomena, by P. P. Shorygin, L. L. Krushinskiy,
4pp.

RUSSIAN, per, Dok AK Nauk SSSR, Phys Section,
Vol CLIV, No 3, 1964, pp 571-574.

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

Sci-
Aug 64

On the Phenomena of the Critical Magnetic Field and
Anomalous Diffusion in Weakly Ionized Plasma,
by A. M. Fridman, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Section,
Vol CLIV, No 3, 1964, pp 567-570.

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

Sci-
Aug 64

A Spinor Formula for the Gravitational Field,
by G. A. Sokolik, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Section, ,
Vol CLIV, No 3, 1964, pp 565=566.

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

Sci-
Aug 64

The Effect of Pressure on the Absorption
Spectrum of Benzene in the Near Infrared,
by Yu. A. Klyuev, 4 pp.

RUSSIAN, per, Dok AK Nauk SSSR, Phys Section,
Vol CLIV, No 3, 1964, pp 561-564.

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

Sci-
Aug 64

On the Mechanism of Radiation Emission From
Galaxy 3C 273-B, by V. L. Ginzburg, L. M. Ozernoi,
et al, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Section, X
Vol CLIV, No 3, 1964, pp 557-560.

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

Sci-
Aug 64

Pressure Pulses in the Area of Secondary Erosion,
by EK. K. Shal'nev, N. P. Rubina, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Section.
Vol CLIV, No 3, 1964, pp 553-556.

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

Sci-
Agu 64

The Method of Computing a Point Explosion in
Gases, by V. P. Korobeynikov, P. I. Chushkin.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CLIV,
No 3, 1964, pp 549-552.
*Navy/APL J376

Sci - Phys
Jun 64

A System of Instructions for a Three-Address
Computer Without an Address Register,
by G. M. Adel'son-Belskiy, A. L. Brudno, et al, 4pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Section,
Vol CLIV, No 3, 1964, pp 545-548.

Amer Inst of Phys
Sov Phys - Doklady
Vol ~~IX~~, No 1

IX,

Sci-
Aug 64

Groups Decomposable into a Uniform Product of their
p-Subgroups, by V. P. Sunkov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Sov Math, Vol XLIV
No 3, 1964, pp 542-544.

Amer Math Soc
Sov Math - Dok
Vol V, No 1

Sci
Jun 64

On the Converse of the Problem of a Metaharmonic
Potential, by A. I. Prilepko, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Sov Math, Vol CLIV,
No 3, 1964, pp 534-537.

Amer Math Soc
Sov Math - Dok
Vol V, No 1

Sci
Jun 64

A Theorem on the Density of Finite Functions in
the $L^{(m)}_{p, n}(E)$ Space, by V. R. Portnov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Sov Math, Vol CLIV,
No 3, 1964, pp 530-533.

Amer Math Soc
Sov Math - Dok
Vol V, No 1

Sci
Jun 64

Conjugate Banach Spaces Containing Subspaces of
Zero Characteristic, by Ju. I. Petunin, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Sov Math,
Vol CLIV, No 3, 1964, pp 527-529.

Amer Math Soc
~~x~~~~AK~~ Sov Math - Dok
Vol V, No 1

Sci
Jun 64

Transformations of the Dirichlet Integral and
Space Mappings, by I. S. Oveinnikov, G. D. Suvorov,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Sov Math,
Vol CLIV, No 3, 1964, pp 523-526.

Amer Math Soc
Sov Math - Dok
Vol V, No 1

Sci
Jun 64

A Best Possible Estimate of Trigonometric Sums
for Recurrent Functions With Nonconstant Coefficient
by V. I. Necaev, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Sov Math,
Vol CLIV, No 3, 1964, pp 520-522.

Amer Math Soc
Sov Math - Dok
Vol V, No 1

Sci
Jun 64

Complete Systems of Nondecreasing General
Recursive Functions, by A. M. Mikenberg, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Sov Math,
Vol CLIV, No 3, 1964, pp 517-519.

Amer Math Soc
Sov Math - Dok
Vol V, No 1

Sci
Jun 64

Remarks on the Fisher-Welch-Wald Test, by
Ju. V. Linnik, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Sov Math,
Vol CLIV, No 3, 1964, pp 514-516.

Amer Math Soc
Sov Math - Dok
Vol V, No 1

Sci
MaJun 64

Solutions of the Word Problem for a Class of Groups
by means of Dehn's Algorithm, And of the Conjugacy
Problem by means of a Generalization of Dehn's
Algorithm, By Martin Grindlinger, 3 pp.

RUSSIAN, xper, Dok Ak Nauk SSSR, Sov Math,
Vol CLIV, No 3, 1964, pp 507-509.

Amer Math Soc
Sov Math - Doklady
Vol V, No 1

Sci
Jun 64

Invariance of Certain Spaces Connected With
the Operator $A - I$, M. A. Gol'dman, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Sov Math, Vol CLIV,
No 3, 1964, pp 500-502.

Amer Math Soc
Sov Math - Dok
Vol V, No 1

Sci
Jun 64

Functors in the Category of Locally Convex Spaces
by G. H. Berman, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Sov Math, Vol CLIV,
No 3, 1964, pp 497-499.

Amer Math Soc
Sov Math - Dok
Vol V, No 1

Sci
Jun 64

Number-Theoretic Basic of the Probabilistic
Theory of Numbers, by M. B. Barban, A. I. Vinogradov
3 pp.

RUSSIAN, per, Dok AK Nauk SSSR, Sov Math,
Vol CLIV, No 3, 1964, pp 495-496.

Amer Math Soc
Sov Math - Dok
Vol V, No 1

Sci
Jun 64

AEC-ORNL-TI-42
(9222472)

Vulnerability of Rat Embryos to External Agents in
the Preimplantation Period of Development, by N. A.
Samoshkina, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biology Sciences,
Vol CLIV, No 2, 1964, pp 484-487.

CB 2

CB

May 65

Changes in the Sodium Balance in Rats with Experimental Cardiac Defects, by M. G. Pshennikova, V. P. Godin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biology Sciences, No 2, 1964, Vol CLIV, pp 480-483.

CR

May 65

The Effect of Gibberellin and Day Length
on Development of Dipsacus Fullonum,
by N. I. Volodarskiy, V. G. Potselueva, 3 pp.
RUSSIAN, pér. Dok Ak Nauk SSSR, Botanical
Sciences, Vol CLIV, ^{no 2} Jan-Jun 1964, pp
476-478.

NZDSIR Ref 1089 CB

Sci
Aug 65

Effect of Enzyme Induction of Starving of Cells,
by V. V. Yurkevich, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Biochemistry,
Vol CLIV, No 2, 1964, pp 473-475.

CB

May 65

Formation of Coacervates from Polypeptides and
Polynucleotides, by A. I. Oparin, K. B. Serebrovskaya,
et al., 2 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Biochemistry,
Vol CLIV, No 2, 1964, pp 471-472.

CB

May 65

Biosynthesis of Valine and Isoleucine from their
Keto and Dihydroxy Analogs in Flowering Parasitic
Plants, by Z. S. Kagan, G. Choishner, et al., 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Biochemistry,
Vol CLIV, No 2, 1964, pp 467-470.

CB

May 65

The Role of Intracone Light Filters (Mechanism of
Color Vision of Lizard and Tortoise), by O. Yu.
Orlov, I. M. Maksimova, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Biophysics,
Vol CLIV, No 2, 1964, pp 463-467.

CB

May 65

On the Role of the Intrabulbar Light Filters,
by O. Yu. OKrlov, E. M. Maksimova, 10 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CLXIV, No 2,
1964, pp 463-466.
Navy 3992/NMS 918

Sci-B/M
Feb 65

274,179

Long-Wave Forms of Chlorophyll in Photosynthetic
Organisms and Aggregated Structures, by F. F.
Litvin, V. A. Sineshchekov, et al., 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Biophysics,
Vol CLIV, No 2, 1964, pp 460-462.

CB

May 65

Effect of Water Radiolysis Products on the Viability
and Variation of Spores, by S. Yu. Gol'dat, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Biophysics,
Vol CLIV, No 2, 1964, pp 457-459.

CB

May 65

Use of Organic Compounds by the Green Bacterium
Chloropseudomonas ethylicum in Relation to the
Presence of Carbon Dioxide and Hydrogen Sulfide,
by E. N. Kondrat'eva, L. N. Petrova, et al., 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Biology Sciences,
Vol CLIV, No 2, 1964, pp 453-456.

CB

May 65

Variability in Morphological Characters in Plants
as a Result of Polyploidy, by V. K. Shcherbakov,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biology Sciences,
Vol CLIV, No 2, 1964, pp 449-452.

CB

May 65

Experimentally Produced Tetraploids of Maize, by
V. K. Shumnyi, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Biology Sciences,
Vol CLIV, No 2, 1964, pp 445-448.

CB

May 65

The Mutal Influence of Atomic Groups in Molecules
Containing Heavy Atoms and Systems of π -Bonds, by
P. P. Shorygin, V. A. Petukhov, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Physical Chemistry,
Vol CLIV, No 2, Jan 1964, pp 441-.

CB

May 65

Study of the Electroreduction of Oxygen on Smooth
Platinum in Acid Solutions by the Method of a
Revolving Disc Electrode with a Ring, by L. Myuller,
L. N. Nekrasov, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Physical Chemistry,
Vol CLIV, No 2, Jan 1964, pp 437-440.

CB

May 65

A Galvanostatic Study of the Processes of Change
in the Charge of Chloro Complexes of Iridium, by
V. I. Kravtsov, G. M. Petrova, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Physical Chemistry,
Vol CLIV, No 2, Jan 1964, pp 433-436.

CB

May 65

Effects of the Rigidity of Polymer Macromolecules
on the Transition Temperatures and Morphology of
Crystal Structures, by P. V. Kozlov, V. B. Ryzhov,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Physical Chemistry,
Vol CLIV, No 2, Jan 1964, pp 430-432.

CB

May 65

The Use of Electron Microscope and X-Ray Analysis
Methods in the Study of Crystalline Glass Materials,
by I. I. Kitaygorodskiy, M. D. Beus, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Physical Chemistry,
Vol CLIV, No 2, Jan 1964, pp 427-429.

CB

May 65

The Kinetics of the Hydrolysis of Vinyl Esters
With Catalysis by Mercury Ions, by L. A. Kiprianova,
A. F. Rekasheva, 5 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Physical Chemistry,
Vol CLIV, No 2, Jan 1964, pp 423-426.

CB

May 65

280,262

The Structure and Adsorptive Properties of Zeolite
Zh, by S. P. Zhdanov, N. N. Buntar', 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Physical Chemistry,
Vol CLIV, No 2, Jan 1964, pp 419-422.

CB

May 65

The Properties of a Hydrodynamic Stream Flowing
Around Very Small Immobile Obstacles and the
Efficiency of Capture of Aerosol Particles, by
M. V. Velichko, L. V. Radushkevich, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Physical Chemistry,
Vol CLIV, No 2, Jan 1964, pp 415-418.

CB

May 65

A Method of Calculating the Integral Absorbed Dose
of Gamma Radiation in Macrosystems, by B. I.
Vainshtein, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Physical Chemistry,
Vol CLIV, No 2, Jan 1964, pp 411-414.

CB

May 65

Infrared Spectra and Structure of Aromatic
Carbonium Ions, by D. S. Bystrov, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Physical Chemistry,
Vol CLIV, No 2, Jan 1964, pp 407-410.

CB

May 65

A Glass Electrode Sensitive to the Variation of the
Oxidation Potential of the Solution, by A. A.
Belyustin, A. M. Pisarevskiy, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Physical Chemistry,
Vol CLIV, No 2, Jan 1964, pp 404-406.

CB

May 65

Adsorption Effects in Elastic Reaction and
Creep in Glass Fibers, by M. S. Aslanova,
P. A. Rebinder.
RUSSIAN, ~~PER~~, Akademiya Nauk SSR. Doklady,
Vol 96, No 2, 1954, pp. 299-302.
NTC 69-10545-11B

Sci-Mat
July 69

386,748

The Elasticity of Disassociation and
Phase Transitions of Copper Telluride,
by M. I. Kochnev, T. N. Zaldman.
RUSSIAN, per, Akademiya Nauk SSR. Doklady,
Vol 94, No 1, 1954, pp. 65-7.
NTC 69-10654-07D

Sci-Chem
July 69

386,720

Nature of the Selectivity of Ion Exchang-
ers, by V. A. Klyachko.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 81,
No 2, 1951, pp 235-237.
NTC 69-10681-07A

Sci-Chem
July 69

386,682

The Rate of Conversion of CO_2 in Shock Waves at
2000-4000°K, by T. V. Bazhenova, I. M. Naboko, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Physical Chemistry,
Vol CLIV, No 2, Jan 1964, pp 401-403.

CB

May 65

The Sector Structure of β -SiC Crystals,
by S. N. Gorin, A. A. Pletyushkin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Section,
Vol CLIV, No 2, 1964, pp 333- .

Amer Inst Of Phys
Sov phys - Doklady
Vol IX, No 1

Sci-
Agu 64

Range and Probability of Arrest for Dislocations
in FCC Crystals, by V. M. Strunin, 4 pp.

RUSSIAN, per, Dok AK Nauk SSSR, Bhys Section,
Vol CLIV, No 2, 1964, pp 321-332.

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

Sci-
Aug 64

Singularities of the Solution of the Bethe-Salpeter
Equation in the Angular Momentum Plane,
by P. Suranyi(Shuran'i), 3 pp

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Section,
&Vol CLIV, No 2, 1964, pp 317-320.

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

Sci-
Aug64

Lagrangian of a Continuous Medium in the
Riemannian Space, by K. P. Stanyukovich, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Section,
Vol CLIV, 1964, pp. 313-316. No 2.

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

Sci-
Ag
Aug 64

A Constructive Theory of Compensating Fields,
by G. A. Sokolik, N. p. Konopleva, 3 pp.

RUSSIAN, per, Dok AK Nauk SSSR, Phys Section,
Vol CLIV, No 2, 1964, pp 310-312.

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

Sci-
Agu 64

Symmetric Flows of Electrically Conducting
Fluids in Normal Magnetic Fields,
by A. I. Morosov, L. S. Solov'yev, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Section,
Vol CLIV, No 2, 1964, pp 306-309.

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

Sci-
Aug 64

The Effect of Pressure on Anharmonicity,
by V. N. Zharkov, 4 pp.

RUSSIAN, per, Doklady Akad. Nauk SSSR, Phys Section,
Vol CLIV, No 2, 1964, pp 302-305.

Amer Inst of Phys
Sov Phys - Doklady
Vol IX = No 1

6Ci-
Agu 64

Collapse of a Star With Allowance for Counterpressing,
by M. A. Podurets.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CLIV, No 2, 1964,
pp 300, 301.
NASA TT F-8689

Sci-Ear Sci & Astron
Jul 64
U.S. GOVERNMENT ONLY

260,980

Semimomentless Theory of a Cylindrical Laminar
Shell, by M. Sh. Mikeladze.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CLIV, No 2,
1964, pp 298, 299.
NASA TT F-8900

Sci-Phys

Jul 64

U.S. GOVERNMENT ONLY

262,894

On a Generalization of the Method of Solution of
Axially Symmetric Problems in the Theory of
Elasticity by Means of Analytic Functions to
Spatial Problems, Without Axial Symmetry,
by A. Ya. Aleksandrov, Yu. I. Solov'yev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Section,
Vol CLIV, No 2, 1964, pp 294-297.

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

Sci-
Aug 64

Asymptotic Plane Flows in the Central Region
of a Laval-Nozzle, by Yu. B. Lifshits, O. S. Pyzhov,
4 pp.

RUSSAIN, per, Dok Ak Nauk SSSR, Phys Section
Vol CLIV, No 2, 1964, pp 290-293.

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

Sci-
Aug 64

Two Particular Solutions of the Problem
of Motion of a Body with a Fixed Point,
by P. M. Kharlamov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Section,
Vol CLIV, No 2, 1964, pp 287-289.

115-11-64-18652

Amer Inst of Phys
Sov Phys - Doklady
Vol IX, NO 1

Sii-
Aug 64

Integration With Control of Accuracy,
by A. S. Kronrod, 3 pp.

RUSSIAN, per, Dok Ak Nauk. SSSR, Phys Section,
Vol CLIV, No2, 1964, pp 283-286.

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

Sci-
Aug 64

Programming in Meaningful Notation,
by A. L. Brudno, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Section,
Vol CLIV, No 6, 1964, pp 279-282.

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

Sci-
Aug 64

On a Boundary Value for a Vector Holomorphic in
a Half-space, 4 pp, V. I. Sevchenko.

RUSSIAN, per, Dok Ak Nauk SSSR, Sov Math,
Vol CLIV, No 2, 1964, pp 276-278.

Amer Math Soc
Sov Math- Dok
Vol V, No 1

Sci
Jun 64

A Problem of Approximation Theory Related to the
Superpositon of Functions, by A. F. Timan, 3 pp/

RUSSIAN, per, Dok Ak Nauk SSSR, Sov Math,
Vol CLIV, No 2, 1964, pp 274-275.

Amer Math Soc
Sov Math - Dok
Vol V, No 1

Sci
Jun 64

A Proof of Analogues of the Theorems of
Minkowski and Voronoi for Three-Dimensional
Isogonal Partitions Corresponding to the Group
of Translations, by N. N. Sandakova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Sov Math,
Vol CLIV, No 2, 1964, pp 271-273.

Amer Math Soc
Sov Math - Dok
Vol V, No 1

Sci
Jun 64

Stability of Motion in The Borderline Case of Two
Zero Roots, by V. A. Pliss, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Sov Math,
Vol CLIV, No 2, 1964, pp 268-270.

Amer Math Soc
Sov Math - Dok
Vol V, No 1

Sci
Jun 64

The Area Method in the Theory of Univalent
Functions, by Milin, I. M. 4 pp.

RUSSIAN, per, Doklady Akad. Nauk SSSR, Sov Math,
Vol CLIV, No 2, 1964, pp 264-267.

Amer Math Soc
Sov Math - Dokl
Vol V, No 1

Sci
Jun 64

Applicability of a Limit Theorem of Order $p > 0$ to
an Inhomogeneous Markov Chain With Two States,
by M. N. Marusin, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Sov Math,
Vol CLIV, No 2, 1964, pp 262-263.

Amer Math Soc
Sov Math - Dok
Vol V, No 1

Sci
Jun 64

Approximation of Singular Solutions of the
Caplygin Equation, by M. B. Kapilevic, 4 pp.

RUSSIAN, per, Dok AK Nauk SSSR, Sov Math,
Vol CLIV, No 2, 1964, pp 258-261.

Amer math Soc
Sov Math - Dok
Vol V, No 1

Sci
Jun 64

The Inverse Problem for the Sturm-Liouville
Equation, by M. G. Gasymov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Sov Math,
Vol CLIV, No 2, 1964, pp 254-257.

Amer Math Soc
Sov Math - Dok
Vol V, No 1

Sci
Jun 64

The Fourier Transform of a Slowly Decreasing
Function, by A. A. Arsen'ev, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Sov Math,
Vol CLIV, No 2, 1964, pp 251-253.

Amer Math Soc
Sov Math - Dok
Vol V, No 1

Sci
Jun 64

On the Uniqueness of a Solution to an Integral
Equation, by H. V. Azbelev
RUSSIAN, per, Dokl Ak Nauk SSSR, Vol CLVI,
No 2, 1964, pp 239-242.
*Navy/APL J441

Sci - Math & Data Process
Oct 64

Reaction of Connective Tissue Elements to Hormones in
Avitaminosis C, by A. I. Bukhonova, 5 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Biology Sciences,
Vol CLIV, No 1, 1964, pp 236-.

CB

May 65

280,277

Cortical Electrical Acitivity in Poisoning by Various
Animal Venoms, by B. N. Orlov, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Biology Sciences,
Vol CLIV, No 1, 1964, pp 233-235.

CB

May 65

Distribution of Neurosecretory Cells in the Central
Nervous Apparatus of Dermacentor pictus Herm.
(Acarina, Chelicerata), by I. D. Yoffe, 5 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Biology Sciences,
Vol CLIV, No 1, 1964, pp 229-231.

CB
HEW NIM - 7-33-69 ON LOAN ONLY
May 65

280,278

On the Characteristics of Bud Organization
in Flowering Plants, by V. G. Aleksandrov,
A. V. & Dobrotvorskaya, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Botanical
Sciences, Vol CLIV, ^{№1} Jan-Jun 1964,
pp 226-227.

CB

Sci
Aug 65

Effect of Propyl Gallate on the Kinetic Constants
of the Reaction of Enzymatic Reduction of Sodium
Pyruvate, by L. S. Vartanyan, E. M. Gonikberg,
et al., 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Biochemistry,
Vol CLIV, No 1, 1964, pp 223-224.

CB

May 65

Enzymatic Synthesis of Flucosamine in the Liver
under Conditions of Hyperoxia, by Z. G. Bronovitskaya,
Z. S. Gershenovich, et al., 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Biochemistry,
Vol CLIV, No 1, 1964, pp 220-222.

CB

May 65

Nucleotide Composition of the Rapidly Labeled
RNA Fraction of the Silk Gland of the Silkworm
Bombyx mori L, by A. S. Antonov, S. P. Grigor'yeva,
et al., 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Biochemistry,
Vol CLIV, No 1, 1964, pp 216-219.

CB

May 65

Relationship Between Yield of Back Biochemical
Mutations in Yeasts and Their Ploidy After Exposure
to Different Kinds of Radiation, by I. P. Arman,
S. N. Ardashnikov, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Biophysics, Vol CLIV,
No 1, 1964, pp 212-215.

CB

May 65

Polarization of Glycogen as a Reactive Process, by
I. N. Borisov, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Biology Sciences,
Vol CLIV, No 1, 1964, pp 210-212.

CB

May 65

Action of Roentgen-Ray Irradiation on the Cells of Ehrlich's Ascites Carcinoma, Studied by Autoradiography, by O. S. Frankfurt, L. P. Lipchina, 3 pp. RUSSIAN, per, Dok Ak Nauk SSSR, Biology Sciences, Vol CLIV, No 1, 1964, pp 207-209.

CB

May 65

Investigation of the Structure of the Double Layer
during Electrochemical Initiation of Methylmetha-
crylate Polymerization, by I. V. Shelepin, A. N.
Frumkin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Physical Chemistry,
Vol CLIV, No 1, Jan 1964, pp 203-206.

CB

May 65

The Second Harmonic Phase of a Variable Potential
and the Transfer Coefficient of Fast Chemical
Reactions, by V. G. Levich, B. M. Grafov, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Physical Chemistry,
Vol CLIV, No 1, Jan 1964, pp 200-202.

CB

May 65

The Mechanism of Thermal Transformation of Poly-
acrylonitrile, by I. A. Drabkin, L. D. Rozenshtein,
2 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Physical Chemistry,
Vol CLIV, No 1, Jan 1964, pp 197-199.

CB

May 65