

Distribution and Duration of Sojourn of Foreign Proteins in Tissues of Non Immune Animals as Studied by Fluorescence of the Antibodies,  
by Iu. N. Zubzhitskiy, 4 pp.  
RUSSIAN, per, Dok Ak Nauk SSSR, Physical Chemistry  
Vol CLV, No 1, Mar Apr 1964, pp, 234-237.

CB

Sci

Jul 65

The Functional Conditions of the Sympathetic  
Nervous System in Relation to Blood Sugar Level.  
by Yu. Pushkarev, 3 pp.  
RUSSIAN, per, Dok Ak Nauk SSSR, Physical  
Chemistry, Vol CLV, No 1, Mar Apr 1964,  
pp 238-259.

CE

Sci  
Jul 65

The Surface Effect in a Chemical Process--,  
by A. A. Zhukhovitskiy, V. A. Grigorian, et al,  
3 pp.  
RUSSIAN, per, Dok Ak Nauk SSSR, Physical  
Chemistry, Vol CLV, No 1, Mar, Apr 1964,  
pp 392-394.

CB

Sci  
May 65

Factor-Mappings of Metric Spaces, by A. Arhangel'skiy.

24pp.  
RUSSIAN, per, Dok Ak Nauk SSSR, Sov Math,  
Vol CLV, No 2, 1964, pp 247-250.

Amer Math Soc  
Sov Math-Doklady  
Vol V, No 2

Sci  
ing Sh

Convolution Equations for a Half-Axis, by  
R. D. Bancuri, 4 pp.

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

Amer Math Soc  
Sov Math-Doklady  
Vol V, No 2

Sci  
Aug 64

Universal Homotopy Groups, by F. V. Bauer, 4 pp.

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

Amer Math Soc  
Sov Math-Doklady  
Vol V, No 2

lei  
Aug 31

Smooth Mappings of the Space  $R_n$  Into  $R_1$ , by  
L. D. Ivanov, 4 pp.

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

Amer Math Soc  
Sov Math-Doklady  
Vol V, No 2

Sci  
Aug 31

Conditions for the Denseness of the Initial  
Value Manifold of an Abstract Cauchy Problem,  
4 pp.

Certain Interference Types for Entire Functions  
of Exponential Type, by N. F. Marcun, 3 pp.

MOSCOW, per, Dokl Akad Nauk SSSR, Sov Math,  
Vol. CLV, No. 2, 1964, pp. 270-272.

Amer Math Soc  
Sov Math-Doklady  
Vol. V, No. 2

Aug 64  
~~ext~~

Some Theorems on the Completeness of Root  
Subspaces of Completely Continuous Operators,  
by V. L. Macaev, 4 pp.

RUSSIAN, ger, Dok Ak Nauk SSSR, Sov Math.,  
Vol 21N, No 2, 1976, pp 273-276.

Amer Math Soc  
Sov Math-Doklady  
Vol 17, No 2

Sci  
Aug 14

Growth of a Meromorphic Function Along a Half-Line,  
by V. P. Petrenko, 14 pp.

RUSSLIN, per, Dokl Akad Nauk SSSR, Sov Math,  
Vol CLV, No 2, 1964, pp 281-284.

Amer Math Soc  
Sov Math-Doklady  
Vol V, No 2

Sci  
Aug 64

~~SECRET//NOFORN~~ A Problem With Data Given on a Line of  
Degeneracy for a System of Hyperbolic Equations,  
by N. N. Tersenov, 4 pp.

KURSIAK, per, Dok Ak Nauk SSSR, Sov Math,  
Vol CLV, No 2, 1964, pp 285-289.

Amer Math Soc  
Sov Math-Doklady  
Vol V, No 2

Sci  
Aug 24

Spectral Analysis of the One-Dimensional  
Schrodinger Operator With a Periodic Complex-  
Valued Potential, by V. A. Tkachenko, 3 pp.

NUCIM, per, Dok Ak Nauk SSSR, Sov Math,  
Vol CLV, No 2, 1984, pp 280-291.

Amer Math Soc  
Sov Math-Doklady  
Vol V, No 2

Sci  
Aug 64

Correspondences Over a Quasi-Exact Category,  
by M. S. Galenko, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Sov Math,  
Vol CLV, No 8, 1964, pp 212-214.

Amer Math Soc  
Sov Math-Doklady  
Vol V, No 2

Bei  
Aug 31

The Synthesis of Optimal Linear System,  
by T. G. Babunashvili, 7 pp.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CLV,  
No 2, 1964, pp 295-298.  
JPRS 25291

Sci - Misc  
Jul 1964

*Amer Jour of Phys  
for Phys = Doklady  
262, 706  
Vol IX, No 3*

On the Synthesis of Logical Nets in Incomplete  
and Nondegenerate Bases, by E. I. Nechiporuk,  
5 pp.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CLV,  
No 2, 1964, pp 299-301.  
JPRS 25291

Sci - Misc  
Jul 1964

*Amer Inst of Phys  
for Phys - Doklad  
262, 707  
Vol IX, No 3*

Hypersonic Flow Past Airfoils at Great Angles of  
Attack, by G. G. Chernyy, *1964*  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CLV, No 2, 1964,  
pp 302-305.  
NASA TT F-8696

Sci-Aero  
Jun 64  
U.S. GOVERNMENT ONLY

*Annals of Phys  
for Phys - Doklady.  
Vol 1X, No 8  
260,966*

Cathode Sputtering of Tungsten by Potassium Ions,  
by U. A. Arifov, A. Kh. Ayukhanov, et al, 3 pp.  
RUSSIAN, per, Dok Ak Nauk SSSR, Sov Phys, Vol  
CLV, No 2, pp 306-308.

Amer Inst of Phys  
Sov Phys-Doklady  
Vol IX, No 3

Sci  
Aug 65

A Determination of the Electron Affinity of Atoms  
of Copper, Silver, and Gold by the Surface Ioni-  
zation Method, by I. N. Bakulina, N.I. Ionov,  
2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Sov Phys, Vol  
CLV, No 2, 1964, pp 309-311.

Amer Inst of Phys  
Sov Phys-Doklady  
Vol IX, No 3

Sc#  
Aug 65

Electron Temperature in a Powerful Pulsed Discharge,  
by Yu. K. Zemtsov, V. D. Pis'mennyy, et al, 3 pp.  
RUSSTAN, per, Dok Ak Nauk SSSR, Sov Phys, Vol  
CLV, No 2, 1964, pp 312-~~1~~315.

Amer Inst of Phys  
Sov Phys-Doklady  
Vol IX, No 3

Sci  
Aug 65

Radiation Diffusion in a Plane Layer of Large  
Optical Thickness, by V. V. Sobolev, 6 pp.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CLV, No 2,  
1964, pp 316-319.  
Navy Tr 3928/NRL 989

Sci - Phys Amer Inst of Phys  
Oct 64 Sov Phys - Doklady 268,006  
Vol 1X, No 3

The Supporting Capacity of a Layer of Lubricant,  
by S. B. Ainbinder & A. M. Grinshteyn, 3 pp.  
RUSSIAN, per, Dok Ak Nauk SSSR, Sov Phys, Vol  
CLV, No 2, 1964, pp 320-322.

Amer Inst of Phys  
Sov Phys-Doklady  
Vol IX, No 3

Sci  
Aug 65

Density of Iron, Nickel, and Cobalt in Solid and  
Liquid State, by A. A. Vertman, A. M. Samarin,  
et al, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Sov Phys, Vol  
CLV, No 2, 1964, pp 323-325.

Amer Inst of phys  
Sov Phys-Doklady  
Vol IX, No 3

Sci  
Aug 65

Production of a Pore-Free Structure in Polycrystalline Corundum, by R. Ya. Popil'skiy, Yu. F. Pan-kratov, et al, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Sov Phys, Vol CLV, No 2, 1964, pp 326-329.

Amer Inst of Phys  
Sov Phys-Dokaldy  
Vol IX, No 3

Sci  
Aug 65

The X-Ray Emission K-Spectra for Titanium in  
its Lower Oxides ( $Ti_{1-x}TiO_x$ ),  
by E. E. Vaynshytyn, V. I. Chirkov, 4 pp.  
RUSSIAN, per, Dok Ak Nauk SSSR, Physical  
Chemistry, Vol CLV, No 2, pp Mar, Apr 1964,  
pp 381-384.

CB

Sci  
May 65

Certain Pentavalent Chromium Complexes  
as Investigated by Means of Electron-Spin  
Resonance, by N. S. Garif'yanov, 6 pp.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CLV,  
No 2, pp 385-388.  
JPRS 25281

CB

Sci - Med  
Jul 1964

262,652

The Effect of Temperature on the Long-Term Adhesive Strength of Polyethylene,  
by M. S. Kyl'kov, A. T. Sanzharovskiy, et al,  
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Physical  
Chemistry, Vol CLV, No 2, Mar, Apr 1964,  
pp 389-391.

CB

Sci  
May 65

Magnetic Susceptibility of Vanadyl Compounds  
of Carboxylic Acids, by V. V. Zelentsov,  
V. T. Kalinnikov, 3 pp.  
RUSSIAN, per, Dok Ak Nauk SSSR, Physical  
Chemistry, Vol CLV, No 2, Mar, Apr 1964,  
pp 395-397.

CB

Sci  
May 65

A New Determination of the Atomic and Electronic  
Structure of Dicyandiamide, by Z. V. Zvonkova,  
V. Ya. Krivnov, et al, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Physical  
Chemistry, Vol CLV, No 2, Mar, Apr 1964,  
pp 400-401. 398-401.

CB

Sci

May 65

Thermal Decomposition Kinetics of N, N-Dimethyl-nitroamine, by B. L. Korsunskiy, F. I. Dubovitskiy  
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Physical  
Chemistry, Vol CLV, No 2, Mar, Apr 1964,  
pp 402-405.

CB

Sci  
May 65

Rheology of Polymers. Theory of Thixotropy,  
by A. I. Leonov, G. V. Vinogradov, 4 pp.  
RUSSIAN, per, Dok Ak Nauk SSSR, Physical  
Chemistry, Vol CLV, No 2, Mar, Apr 1964,  
pp 406-409.

CB

Sci  
May 65

Free Radical Reactions in the Reaction Between  
Oxygen and Irradiated Potassium Palmitate,  
by A. A. Revina, N. A. Bakh, 4 pp.  
RUSSIAN, per, Dok Ak Nauk SSSR, Physical Chemistry,  
Vol CLV, No 2, Mar, Apr 1964, pp 410-413.

CB

Sci  
May 65

The Mechanism of Cyclic Trimerization of  
Acetylenes on Complex Organometallic Catalysts,  
by V. O. Reikhsfel'd, K. L. Makovetskiy, 4 pp.  
RUSSIAN, per, Dok Ak Nauk SSSR, Physical Chemistry  
Vol CLV, No 2, 1964, Mar, Apr, pp 414-417.

CB

May 65

The Steady Potential and Corrosion of Metals  
in Fused Salts, by M. V. Smirnov, V. P. Volodin,  
et al, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Physical  
Chemistry, Vol CLV, No 2, Mar, Apr 1964,  
pp 418-421.

CB

Sci  
May 05

The Influence of the Nonsolvent onthe Physical  
and Mechanical Properties of Concentrated  
Polymer S0lutions , by V. P. Stesikov,  
Yu. V. Ovchinnikov, et al, 4 pp.  
RUSSIAN, per, Dok Ak Nauk SSSR, Physical  
Chemistry, Vol CLV, No 2, Mar, Apr 1964,  
pp 422-425.

CB

Sci  
May 65

Measurement of the Drift Rate of Aerosol Particles in the Field of Diffusing Water Vapor,  
by A. I. Storozhilova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Physical  
Chemistry, Vol CLV, No 2, Mar, Apr 1964,  
pp 426-429.

CB

Sci  
May 65

Degradation of Polymer Molecules in a Solution  
(Polyisobutylene, Polymethylmethacrylate) When  
Passing the Prestationary Stage of Deformation,  
by A. A. Trapeznikov, 4 pp.  
RUSSIAN, per, Dok Ak Nauk SSSR, Phycisal  
Chemistry, Vol CLV, No 2, Mar, Apr 1964,  
pp 430-433.

CB

Sci  
May 65

The Kinetics and Mechanism of the Homogeneous Catalytic Reduction of Quinones by Carbon Monoxide in Solution, by A. D. Fasman, V. A. Golodov, et al,  
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Physical  
Chemistry, Vol CLV, No 8, Mar, Apr, 1964,  
pp 434-437.

CB

Sci  
May 65

The Characteristic Features of the Polymorphic Change in Cristobalite, by B. Ya. Sukharevskiy, A. M. Gavrilish, 4 pp. RUSSIAN, per, Dok Ak Nauk SSSR, Chemical Technology Sections, Vol CLV, No 2, Jan-Apr, 1964, pp 438-431.

C8

On the Existence of a Relationship between the Fecundity and Population of Marine Harpacticoida (Crustacea, Copepoda), by L. L. Chislenko 3 pp.  
RUSSIAN, per, Dok A Nauk SSSR Physical  
Chemistr, Vol CLV, No 2, Mar Apr 1964,  
pp. 451-453.

CB

Sci  
Jul 65

Molecular Organization of the Tail Coat of T<sub>2</sub>  
Phage. by N. A. Kiselev, and B. F. Pogluzov,  
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Physical  
Chemistry, Vol CLV, No 2, Mar Apr 1964,  
pp.442-444

CE

Sci  
Jul 65

Cytochemical Characteristics of the Ribonucleoproteins and Deoxyribonucleoprotein Complex in the Nucleoli of Nerve Cells. by A. L. Shabash, T. I. Zelikina, et al, 3 pp.  
RUSSIAN, per, Dok Ak Nauk, SSSR, Physical Chemistry, Vol CLV, No 2, Mar Apr 1964, pp . 445-447.

CB

Sci  
Jul 65

On the Restoration of the Biosynthesis of Alkaloids  
in Hybrid Lupine Plants Produced from the Crossing  
of Incompatible Pairs of Nonalkaloid Varieties, by  
N. V. Turbin, A. V. Mironenko, et al, 3 pp.  
RUSSIAN, per, Dok Ak Nauk SSSR, Physical  
Chemistry, Vol CLV, No 2, Mar Apr 1964,  
pp. 448-450.

CB

Sci  
Jul 65

Peculiarities of the Course of Radiation Sickness  
in Mice Subjected to Treatment With Marrow  
and by Immunization, by O. P. Lebedva,  
N. A. Maksimovich, 7 pp.  
RUSSIAN, per, Dok Ak Nauk SSSR, VOL CLV,  
No 2, 1964, pp 454-456.  
JPRS 25277

CB

Sci - Med  
Jul 1964

262,650

The Stability of Functionally Heterogeneous  
Portions of DNA to Ionizing Radiations,  
by G. Ye. Fradkin, 7 pp.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CLV,  
No 2, 1964, pp 457-460.  
JPRS 25282

Sci - Med  
Jul 1964

CB

262,651

The Ultraviolet Luminescence of Muscles in Various Functional States, by I. G. Shtrankfeld, 5 pp.  
RENNAN, per, Dok Ak Nauk SSSR, Biophysics,  
Vol CLV, No 2, 1964, pp 461-463.

CB

May 65

[REDACTED]

Effect of D<sub>2</sub>O on the Physical Properties of Wheat  
Gluten, by V. I. Kretovich, A. B. Vakar, 2 pp.  
BESSELMAN, per, Dok Ak Nauk SSSR, Biochemistry,  
Vol CIA, No 2, 1964, pp 465-466.

[REDACTED]

CB

May 65

Specificity in Biosynthesis of Silk Fibroin, by  
Yu. S. Filippovich, N. K. Relyayeva, 2 pp.  
RUSSIAN, per, Dok Ak Nauk SSSR, Biochemistry,  
Vol CLV, No 2, 1964, pp 468-469.

CB

May 65

Fat Metabolism of Calanus helgolandicus (Claus)  
under Experimental Condition. by T. S. Petipa 5 pp.  
RUSSIAN, per, Dok Nauk SSSR, Physical  
Chemistry, Vol CLV, No 2, Mar Apr 1964,  
pp 470-474,

CE

Sci  
Jul 65

Relationship between the Diameter of the Synapses in  
the Neurones of the Anterior Horn of the Spinal Cord  
of the Cat and the Functional Condition of the  
Central Nervous System, by I. S. Bazanova, A. S. Io-  
ntove, et al, 5 pp.  
RUSSIAN, per, Dok Akad Nauk SSSR, Physical Chemistry,  
Vol CLV, No 2, Mar Apr. 1964, pp 474-477.

CB

Sci  
Jul 65

The Activating Influence of Vestibular Stimulation on  
the Electrocorticogram by G. I. Gorgiladze and  
V. N. Fedorov, 4 pp.  
RUSSIAN, per, Dok Ak Nauk SSSR, Physical Chemistry,  
Vol CLV, No 2, Mar Apr 1964, pp 478-481.

CB

Sci  
Jul 65

The Influence of Antibodies Present in the Medium on  
the Biosynthesis of Similar Antibodies by  
Spleen cells., by JA. E. Gurvich and G. I. Drizlikh  
4 pp.  
RUSSIAN, per, Dok Ak Nauk SSSR, Phsyical  
Chemistry, Vol CLV, No 2, Mar Apr 1964, pp  
482-485

CB

Sci  
Jul 65

Total Blood Sugar in the Chimpanzee, by T. F.  
Komarova and L. A. Firsov, 3 pp.  
RUSSIAN, per, Dok Ak Nauk SSSR, Physical Chemistry,  
Vol CLV, No 2, Mar Apr 1964,  
pp 436-488.

CE

Sci  
Jul 65

A Class of Non-Selfadjoint Boundary Value  
Problems, by N. G. Aakerov, S. G. Krein.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CLV,  
No 3, 1964, pp 499-502.  
\*Navy/APL J411

Sci - Phys  
Aug 64

Some Extremal Problems in the Class of Mappings  
Which Are Quasiconformal in the Mean, by  
P. A. Biluta, 4 pp.

RUSSIAN, per, Dokl Ak Nauk SSSR, Sov Math,  
Vol CLV, No 3, 1964, pp 503-505.

Amr Math Soc  
Sov Math-Doklady  
Vol V, No 2

Sci  
Aug 64

A Stationary Approach in the Abstract Theory  
of Scattering, by M. S. Birman, S. B. Entina,  
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Sov Math,  
Vol CLV, No 3, 1964, pp 506-508.

Amer Math Soc  
Sov Math-Doklaiy  
Vol V, No 2

Jct  
Aug 64

Some Characteristic Properties of Unconditional  
Bases, by B. E. Veic, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Sov Math,  
Vol CLV, No 3, 1964, pp 509-512.

Amer Math Soc  
Sov Math-Doklady  
Vol V, No 2

Sci  
Aug 64

Approximative Properties of Subspaces With Finite  
Defect in the Space of Continuous Functions, by  
A. L. Garkavi, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Sov Math,  
Vol CLV, No 3, 1964, pp 513-516.

Amer Math Soc  
Sov Math-Doklady  
Vol V, No 2

Sci  
Aug 64

Absolute Summability by the Methods of Cesaro, Riesz  
and Zygmund, by L. V. Grepachevskaja, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Sov Math,  
Vol CLV, No 3, 1964, pp 517-520.

Amer Math Soc  
Sov Math-Doklady  
Vol V, No 2

Sci  
Aug 31

Conjugate Functions of Two Variables and Conjugate Double Trigonometric Series, by L. V. Zizuašili,  
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Sov Math,  
Vol CLV, No 3, 1964, pp 521-523.

Amer Math Soc  
Sov Math-Doklady  
Vol V, No 3

Sci  
Aug 64

The First Boundary Problem for Some  
Differential Equations With Constant Coefficients,  
by S. G. Ovsepian.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CLV, No 3,  
1964, pp 524-527.  
Navy Tr 3881/APL T1064

Sci - Phys  
Sep 64

266,293

A Certain Representation of Generalized Analytic  
Automorphic Functions, by V. I. Pokazeev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Sov Math, Vol CLV,  
No 3, 1984, pp 528-531.

Amer Math Soc  
Sov Math-Doklady  
Vol V, No 2

cc: i  
Aug 64

Completely FN-Factorable Groups, by M. I. Sergeev,  
4 pp.

RUSSIAN, per, Dok Akad Nauk SSSR, Sov Math, Vol CLV,  
No 3, 1964, pp 532-534.

Amer Math Soc  
Sov Math-Doklady  
Vol V, No 2

Sci  
Aug 64

Generalized Solvable Groups and Their Group  
Rings, by D. M. Smirnov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Sov Math, Vol CLV,  
No 3, 1964, pp 535-537.

Amer Math Soc  
Sov Math-Doklady  
Vol V, No 2

Sci  
Aug 64

Investigation of the Properties of Limited InSb-CdTe Solid Solutions, by E. N. Khabarov, P. V. Sharavskiy, 2 pp.  
RUSSIAN, per, Dok Ak Nauk SSSR, Sov Phys, Vol CLV, No3, 1964, pp 542-544.

Amer Inst of Phys  
Sov Phys-Doklady  
Vol IX, No3

Sci  
Aug 65

Crystal Structure of the Mixed d,l-NH<sub>4</sub>Sb Tar-  
trate d,l-(NH<sub>4</sub>)<sub>2</sub>[Sb<sub>2</sub>(C<sub>4</sub>H<sub>4</sub>O<sub>6</sub>)<sub>2</sub>]<sub>4</sub>.4H<sub>2</sub>O,  
by G. A. Kyosse, N. I. Golovastikov, et al.,  
3 pp.  
RUSSIAN, per, Dok Ak Nauk SSSR, Sov Phys, Vol  
CLV, No 3, 1964, pp 545-548.

Amer. Inst of Phys  
Sov Phys-Doklady  
Vol IX, No 3

Sci  
Aug 65

Mechanism of Interaction Cyclohexane With  
the Surface of a Metallic Catalyst,  
by A. A. Balandin, B. S. Gudkov, 5 pp.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CLV,  
1964, No 3, 626-628.  
JPRS 25115

CB

Sci - Chem  
Jun 64

261,991

Vibrational Spectra and Aromaticity of Six-Membered AZA Rings, by V. I. Berezin, 3 pp.  
RUSSIAN, per, Dok Ak Nauk SSSR, Physical Chemistry, Vol CLV, No 3, 1964, Mar, Apr  
pp 2629-631.

CB

Sci  
May 65

Chemical Bond Estimation From Supperfine  
Structure of Electronic Paramagnetic Resonance  
Spectra of Manganese, by L. V. Bershov,  
A. S. Marfunin, 7 pp.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CLV,  
No 3, 1964, pp632-636.  
JPRS 25115

CG

Sci - Chem  
Jun 64

261,992

Determination of the Kinetic Coupling Constants  
of Positronium and Inorganic Ions,  
by V. I. Gol'danskiy, V. G. Firsov, et al, 4 pp.  
RUSSIAN, p~~esr~~, Dok Ak Nauk SSSR, Physical  
Chemistry, Vol CLV, No 3, Mar, Apr 1964,  
pp 636-639.

CB

Sci  
May 65

On the Problem of the Influence of the  
Structure of Porous Bodies on the Size of  
the Specific Surface Area Being Determined  
by the Method of Permeability of Gases, by  
B. N. Goshchitskii.

RUSSIAN, per, Akademiya Nauk SSSR, Doklady,  
Vol 155, 1964, pp 640-643.  
NTC-71-12493-07D

42-128-28-17

Nov 71

Effect of the Structure of Porous Solids on the Specific Surface Area Determined by the Method of Gas Permeability, by B. N. Goshchitskiy, I. S. Izraylevich, et al, 4 pp.  
RUSSIAN, per, Dok Ak Nauk SSSR, Physical Chemistry, Vol CLV, No 3, Mar, Apr 1964, pp 640-643.

CB

Sci  
May 65

Nonstationary Evaporation of a Droplet Covered  
by an Adsorbed Layer, by B. V. Deryagin,  
Yu. S. Kurgin, 3 pp.  
RUSSIAN, per, Dok Ak Nauk SSSR, Physical  
Chemistry, Vol CLV, No 3, Mar, Apr 1964,  
pp 644-646.

CB

May 65

Compensation Effect of n and K in Topokinetic Reactions, by B. V. Erofeyev, V. A. Protashchik,  
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Physical Chemistry, Vol CLV, No 3, Mar, Apr 1964,  
pp 647-650.

CB

Sci  
May 65

Some Properties of Mercury Sulfide Films on the  
Surface of a Mercury Electrode, by S. I. Zhdanov,  
B. A. Kiselev, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Physical  
Chemistry, Vol CLV, No 3, Mar, Apr 1964,  
pp ~~651-652~~ 651-653.

CB

Sci  
May 65

Photosorption of Oxygen on Cadmium Sulfide,  
by V. A.Kotel'nikov, 3 pp.  
RUSSIAN,jer, Dok Ak Nauk SSSR, Physical  
Chemistry, Vol CLV, No 3, Mar, Apr 1964,  
pp 654-657.

CB

Sci  
May 65

Triplet Molecules in Liquid Benzene. Photochemical Processes in a Thin Absorbing Layer,  
by V. A. Krongauz, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Physical  
Chemistry, Vol CLV, No 3, Mar, Apr 1964,  
pp 658-661.

CB

Sci  
May 65

Properties of the Double Layer and Electrostatic  
Adsorption of Ions, by V. G. Levich,  
V. A. Kir'yakov, et al, 7 pp.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CLV,  
No 3, 1964, pp 662-665.

JPRS 25115

CB

Sci - Chem  
Jun 64

261,993

Birefringence of Form in Spherulites and  
Stretched Polypropylene Films, by V. I. Selikhova,  
G. S. Markova, et al, 2 pp.  
RUSSIAN, per, Dok Ak Nauk SSSR, Physical  
Chemistry, Vol CLV, No 3, Mar, Apr 1964,  
pp 666-667.

CB

Sci  
May 65

Size of the Nuclei of Leaf Assimilative  
Tissue under the Action of Ionizing  
Radiation, by P. A. Viasyuk and V. V. Sil'chenko, 2  
pp.  
RUSSIAN, per, Dok Ak Nauk SSSR, Physical  
Chemistry, Vol CLV, No 3, pp 668-669.

CB

Sci  
Jul 65

Change in the Sensitivity of the Infusorian Paramecium caudatum to Respiration and Glycolysis Inhibitors as a Function of Culture

Age, by K. A. Samoylova, 3 pp.

RUSSIAN, per, Dok Ak Nauk, SSSR Physical Chemistry, Vol CLV, No 3, Mar Apr 1964, pp. 670-672.

CB

Sci  
Jul 65

The Condition of *Melosira baicalensis* (K. Meyer)  
Wisl., as it Sinks into the Deep Water of Lake  
Baikal. by K. K. Votintsev and G. I. Popovskaya, 4 pp.  
RUSSIAN, per, Dok Ak Nauk SSSR, Physical Chemistry  
Vol CLV, No 3, Mar Apr 1964, pp 673-676.

CD

Sci  
Jul 65

System of Relic Lakes in the Bol'shezemel'sk  
Tundra, by O. S. Zvereva, M. V. Getsen, et al,  
3 pp.  
RUSSIAN, per, Dok ak Nauk SSSR, Physical Chemistry,  
Vol CLV, No 3, Mar Apr 1964, pp. 677-679.

CE

Sci  
Jul 65

Primary Production of Plankton in the Tsimlyanskii Reservoir, by I. V. Pototskaya and N. P. Tsypba, 3 pp.  
RUSSIAN, per, Dok Ak Nauk, Physical Chemistry, Vol CLV, No 3, Mar Apr 1964,  
pp. 680-682.

CB

Sci  
Jul 65

Mechanism of Reduction of DNA Level in Tissues After  
Exposure of Organism to Ionizing Radiation, by I. I.  
Ivanov, O. N. Borovikova, et al., 2 pp.  
RUSSIAN, per, Dok Ak Nauk SSSR, Biophysics,  
Vol CLV, No 3, 1964, pp 683-684.

CL

May 65

Effect of a Factor Damaging Chromosomal DNA on  
Development of Compensatory Cardiac Hypertrophy,  
by A. G. Bazardzhyan, E. N. Leykina, et al., 3 pp.  
RUSSIAN, per, Dol Ak Nauk SSSR, Biochemistry,  
Vol CLV, No 3, 1964, pp 685-687.

CB

May 65

Characteristics of R-RNA and D-RNA of the  
Nucleolochromosomal Apparatus of an Animal  
Cell, by G. P. Georgiyev, O. P. Samarina, 6 pp.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CLV, No 3,  
1964, pp 688-690.

JPRS 25824

*also CB*

Sci - Biol & Med  
Aug 64

265,612

Abiogenic Formation of Porphin and its Participation  
in Processes of Photochemical Electron Transport,  
by V. A. Krasnovskiy, A. V. Smirikhina, 5 pp.  
PUSSIAN, per, Dok Ak Nauk SSSE, Biochemistry,  
Vol CLV, No 3, 1964, pp 691-695.

CB

May 65

Acid Phosphatase of the Poops of Some Eerurus  
Species, by A. A. Kuznetsov, S. N. Stepanenko, 5 pp.  
RUSSIAN, per, Dok Ak Nauk SSSR, Biochemistry,  
Vol CIV, No 3, 1964, pp 694-697.

CB

May 65

The Role of DNA-Dependent Synthesis of RNA  
in the Activation of the Genetic Apparatus of  
Differentiated Cells During an Increase in  
Their Physiological Function, by F. Z. Meyerson,  
N. S. Kalebina, 9 pp.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CLV, No 3,  
1964, pp 698-701.

JPRS 25824

NIH-6-41-65

CB

Sci - Biol & Med

Aug 64

265,613

Effect of Conditions of Cultivation on Wheat  
Gluten, by A. K. El-Milisi, A. E. Vakar, et al.,  
5 pp.  
RSSIAN, per, Dok Ak Nauk SSSR, Biochemistry,  
Vol CIV, No 3, 1964, pp 702-703.

CR

JAY GS

Growth Characteristics of Explanted  
Muscle Tissues, by N. N. Kochetov, 3 pp.  
RUSSIAN, per, Dok Ak Nauk SSSR, Physical Chem stry,  
Vol CLV, No 3, Mar Apr 1964, pp. 705-707,

CB

Sci  
Jul 65

Adaptation of the Mechanicoreceptors of the Bladder,  
by N. A. Adamovich, 4 pp.  
RUSSIAN, per, Dok Ak Nauk SSSR, Physical Chemistry  
Vol CLV, No 3, Mar Apr 1964, pp707-710.

CE

Sci  
Jul 65

Simultaneous and Successive Analysis of Information  
in the Optic System by V. D. Glezer and A. A.

Nevskaya, 3 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Physical Chemistry,  
Vol. 31W, No 3, Mar Apr 1964, pp 711-714.

CB

Sci  
Jul 65

Realization of the Negative Chronotropic Vagus Effect  
during Compensatory Hyperfunction of the Heart,  
by V. I. Kapel'ko, 4 pp.  
RUSSIAN, per, Dok Ak Nauk SSSR, Physical  
Chemistry, Vol CLV, No. 3, Mar Apr 1954,  
pp 715-718

CD

Sci  
Jul 65

Attenuation of the Toxic Action of Streptomycin on the  
Nerve-Muscle Preparation of a Cold-Blooded  
Animal, by T. A. Speranskaya, 2 pp.  
RUSSIAN, per, Dok Ak Nauk SSSR, Physical Chemistry,  
Vol CLV, No 3, Mar Apr 1964,  
pp 719-720.

CB

Sci  
Jul 65

Synchronous and Consecutive Information  
Processing in the Visual System, by  
V. D. Glezer, A. A. Nevskaya, 7 pp.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CLV,  
No 3, 1964, pp 711-714.  
JPRS 25824

Sci - Biol & Med  
Aug 64

265,614

Free D compositions in the Intersection of  
Primitive Classes of Algebras, by T. M. Baranovic,  
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Sov Math, Vol CLV,  
No 3, 1964, pp 727-729.

Amer Math Soc  
Sov Math-Doklady  
Vol V, No 2

Cci  
Aug 64

One-Dimensional Unsteady Motion of a Liquid With  
Appearance and Development of Cavitation.  
By B. S. Rogarko, 5 pp.  
UDSSR, per, Dok Ak Nauk SSSR, Vol CLV, No 4, 1964.  
Navy Tr 406/Basicips Tr 892

Sci-Phys  
Mar 63

274.979

A Particular Case of the Slant Derivative Problem  
for Harmonic Functions in Three-Dimensional  
Regions, by A. V. Bicadze, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Sov Math, Vol CLV,  
No 4, 1964, pp 1730-731.

Amer Math Soc  
Sov Math-Doklady  
Vol V, No 2

Sci  
Aug 31

Determination of the Principal Indices of  
Laurent Series, by I. V. Viten'ko, A. N. Kostovskiy,  
4 pp.

RUSSIAN, per, Dokl Akad Nauk SSSR, Sov Math, Vol CLV  
No 4, 1964, pp 732-734.

Amer Math Soc  
Sov math-Doklady  
Vol V, No 2

Sci  
Aug 14