

Mechanism of Inhibition of Lipoyl Dehydrogenase  
by Imidazole, by S. E. Severin and A. A.

Glemzha.

RUSSIAN, per, Doklady Ak Nauk SSSR, Vol 166,  
No 4, 1966, pp 986-989.

CB

Jun 68

356,549

Evolution of the Catalytic Function of the  
Glutamate Oxidase System, by L. P. Zubok,  
Z. S. Kagan.

RUSSIAN, per, Dokl Akad Nauk SSSR,  
Vol CLXVI, No 4, 1966, pp 982-985.  
NASA TT F-10,679

CB

Sci-Materials  
mar 67

320,865

Circular Dichroism and Sequence of Nucleotides  
in Nucleic Acids, by G. B. Zavil'gel'skiy,  
et al.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CLXVI,  
No 4, 1966, pp 978-981.  
NASA TT F-10,049

CB

Sci=Chem

May 66

300,870

Serpentinites from the Crest of the Arabian-  
Indian Ridge, by V. I. Chernysheva and P. L.  
Bezrukov, 6 pp.  
RUSSIAN, per, Doklady Akademii nauk SSSR, Vol  
166, No 4, 1 Feb 1966, pp. 961-964. P 942075167  
JPRS 36355

DRB Canada T 470 R  
Dec 1966

USSR  
Sci-ES/A  
Jul 66

306,870

Kinetics of Adsorption from a Gas Carrier Current  
with Stepwise Variation on Concentration, by  
D. P. Timofeev and N. I. Alekeeva.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 166, No 4,  
1966, pp 917-919.

CB

Jun 68

359,743

Investigation of the Process of Graft Polymerization of Acrylonitrile on Capron Fibers, by A. I. Kurilenko and V. I. Glikhov, RUSSIAN, per, Doklady Ak Nauk SSSR, Vol CLXVI, No 4, 1966, pp 901-904.  
ACSI J-1583  
ID 2204001167

Sci-Phys  
Mar 67

520,255

Structure of Electron Energy Spectrum in Iron-Vanadium Alloys, by V. Ya. Nagornyi,  
RUSSIAN, per, Dok Ak Nauk SSSR, Fiz Phys Sec, Vol CLXVI, No 4, 1966, pp 847-850.

Sov Phys Dok  
Am Inst Phys  
Vol XI, No 2, Aug 1966

Aug 66

309,042

The Shape of the Fatigue Curve of Low-Carbon Steel,  
by V. S. Ivanova,  
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol  
CLXVI, No 4, 1966, pp 843-846,

Sov Phys Bok  
Am Inst Phys  
Vol XI, No 2, Aug 1966

Aug 66

309,041

Theory of Neutral Massive Tensor Field with  
Spin 2, by V. I. Ogievetskiy and I. V. Polubarinov,  
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol.  
CLXVI, No 4, 1966, pp 839-842.

Sov Phys Dok  
Am Inst Phys  
Vol XI, No 2, Aug 1966

Aug 1966

307,296

Electron-Optical Recording of X-Ray Diffraction,  
by T. D. Mokul'skaya, et al,  
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol  
CLXVI, No 4, 1966, pp 836-838.

Sov Phys Dok  
Am Inst Phys  
Vol XI, No 2, Aug 1966

Aug 66

307,295

Hyperfine Structure of the Rayleigh Scattering  
of Light in a Paramagnet, by B. I. Kochelayev,  
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol  
CLXVI, No 4, 1966, pp 833-835.

Sov Phys Dok  
Am Inst Phys  
Vol XI, No 2, Aug 1966

Aug 66

307,294

Nature of Stress Relaxation in Deformed Crystals,  
by S. N. Komnik and V. Z. Bengus,  
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol  
CLXVI, No 4, 1966, pp 829-832.

Sov Phys Dok  
Am Inst Phys  
Vol XI, No 2, Aug 1966

Aug 66

307,293

On the Theory of Single-Pulse Laser Operation, by  
Yu. A. Anan'ev and I. F. Balashov, et al,  
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol  
CLXVI, No 4, 1966, pp 825-828.

Sov Phys Dok  
Am Inst Phys  
Vol XI, No 2, Aug 1966

Aug 66

307,292

Flare Stars as Possible Sources of Cosmic X Rays,  
by G. A. Gurzadyan,  
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol  
CLXVI, No ,4 1966, pp 821-824.

Dok Sov Phys  
Am Phys Inst  
Vol XI, No 2, Aug 1966

Sci-Phys  
Aug 66

307,283

Elastic Constants and Thermal Expansion  
of Certain Bodies With a Non-Homogeneous  
Regular Structure, by Fo Fy, G. A. Van.  
RUSSIAN, per, Dokl Akad Nauk SSSR, Vol CLXVI,  
No 4, 1966, pp 817-820.  
NASA TT F-10,048

Sci-B&M  
May 66

300,862

Elastic Constants and the Thermal Expansion of Certain  
Bodies with Homogeneous Regular Structure, by G. A.  
Wang Fo-Fe,  
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol  
CLXVI, No 4, 1966, pp 817-820.

Sov Phys Dok  
Am Inst Phys  
Vol XI, No 2, Aug 1966

Aug 66

309,047

Vibro-Creep in Polymdr Materials, by G. I. Barenblatt and Y. I. Kozyrev, et al.  
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol CLXVI, No 4, 1966, pp 813-816.

Sov Phys Dok  
Am Inst Phys  
Vol XI, No 2, Aug 1966

Aug 66

307,290

The Direct and the Inverse Scattering Problem for  
a Partial Difference Equation, by M. S. Eskin,   
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec, Vol  
CLXVI, No 4, 1966, pp 809-812.

Am Math Soc  
Vol VII, No 1, Jan/Feb 1966

Sci-Math  
Jul 66

307,250

Imbedding Theorems for a Class of Functions with  
a Mixed Norm, by A. P. Ufnalskiy,  
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec, Vol  
CLXVI, No 4, 1966, pp 806-808.

Am math Soc  
Vol VII, No 1, Jan/Feb 1966

Sci-Math  
Jul 66

307,249

Linear Equations in Spaces of Fundamental and  
Generalized Functions, by Z. Presdorf,  
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec, Vol.  
CLXVI, No 4, 1966, pp 802-805.

Am Math Soc  
Vol VII, No 1, Jan/Feb 1966

Sci-Math  
Jul 66

307,248

Generalized Appell Functions with Functional  
Coefficients, by V. I. Pokazeev,  
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec, Vol  
CLXVI, No 4, 1966, pp 798-801.

Am Math Soc  
Vol VII, No 1, Jan/Feb 1966

Sci-Math  
Jul 66

307,247

A Contribution to the Theory of Fredholm Equations  
of the First Kind, by Nguen Thya Hop,  
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec, Vol  
CLXVI, No 4, 1966, pp 795-797.

Am Math Soc  
Vol VII, No 1, Jan/Feb 1966

Sci-Maht  
Jul 66

307,246

Infinitesimal Bendings of a Surface of Revolution and  
Positive Curvature and with a Conical or Parabolic  
Point at the Pole, by L. G. Mihailov and Z. D.  
Usmanov,  
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec, Vol  
CLXVI, No 4, 1966, pp 791-794.

Am Math Soc  
Vol VII, No 1, Jan/Feb 1966

Sci-Math  
Jul 66

307,244

Strong Analyticity and Strong Quasianalyticity  
of Functions of Several Variables, by S. R. Mamedov,  
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec, Vol  
CLXVI, No 4, 1966, pp 787-790.

Am Math Soc  
Vol VII, No 1, Jan/Feb 1966

Sci-Math  
Jul 66

307,245

Investigation of the Deficiency of the Abstract  
Cauchy Problem, by Ju. I. Ljubic,  
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec, Vol  
CLXVI, No 4, 1966, pp 783-786.

Am Math Soc  
~~XXXXXX~~  
Vol VII, No 1, Jan/Feb 1966

Sci-Math  
Jul 66

307,243

Set Capacity in Signal Space and the Reimann Metric,  
by V. P. Kozlov,  
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec, Vol  
CLXVI, No 4, 1966, pp 779-782.

Am Math Soc  
~~XXXXXX,XXXX,XXXX,XXXX,XXXX,XXXX~~  
Vol VII, No 1, Jan/feb 1966

Sci-Math  
Jul 66

307,242

Functionals of Derivatives in the Complex Plane,  
by M. Ja. Zinger,  
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec, Vol  
CLXVI, No 4, 1966, pp 775-778.

Am Math Soc  
Vol VII, No 1, Jan/Feb 1966

Sci-Math  
Jul 66

307,241

Somr Theorems on the Solutions to a Problem in  
Meteorology, by G. V. Demidov,  
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec, Vol  
CLXVI, No 4, 1966, pp 771-774.

Am Math Soc  
Vol VII, No 1, Jan/Feb 1966

Sci-Math  
Jul 66

307,240

Estimates of Solutions of the First Boundary Value Problem for Higher-order Parabolic Equations, by RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec, Vol CLXVI, No 4, 1966, pp 767-770.

Am Math Soc  
Vol VII, No 1, Jan/Feb 1966

Sci-Math  
Jul 66

307,239

Daily Rhythm in Ants Infected with Metacercariae  
of *Dicrocoelium lanceatum*, by I. A. Anokhin.  
RUSSIA!, per, Doklady Ak Nauk SSSR, Vol 166,  
No 3, Jan 1966, pp 757-759.

CS

June 68

358,538

Sounds Emitted by Honey Bees During Signal Movements, by V. I. Bodryagin & I. A. Levchenko, RUSSIA!, per, Doklady Ak Nauk SSSR, Vol 166, No 3, Jan 1966, pp 753-756.

CB

June 68

358,547

New Data Concerning the Formation of an Accessory  
Mandibular Articulation of Mammalian Type in the  
Pteriodonta, by L. P. Tatarinov.  
RUSSIAN, per, Doklady Ak Nauk SSSR, Vol 166,  
No 3, Jan 1966, pp 749-752.  
CB

June 68

358,522

Detection of Specific Antigens by the Method of  
Anaphylaxis with Desensitization in the Process  
of Dedifferentiation of the Plant Cell, by  
A. D. Volodarskii & R. G. Butenko.  
RUSSIAN, per, Doklady Ak Nauk SSSR, Vol 166,  
No 3, Jan 1966, pp 734-737.  
CB

June 68

358,531

Significance of the Cellular Succinate Dehydrogenase for the Multiplication of Adenovirus in Tissue Culture, by N. E. Aspiz & K. A. Troshin.  
RUSSIAN, per, Doklady Ak Nauk SSSR, Vol. 166,  
No 3, Jan 1966, pp 732-733.  
CIA

June 63

358,555

The Feeding of White Amur Larvae Kept in Fish-Cages, by M. D. Rozmanova.  
RUSSIAN, per, Doklady Ak Nauk SSSR, Vol 166,  
No 3, Jan 1966, pp 729-731.  
CB

June 68

358,519

New Microchromosomal Karyotypes of Black Flies  
(Simuliidae, Diptera), by E. S. Shcherbakov  
& L. A. Chubareva.

RUSSIAN, per, Doklady Ak Nauk SSSR, Vol 166,  
No 3, Jan 1966, pp 726-728.

CB

June 68

358,527

Combined Effect of X-Rays and Streptomyces on  
Chlorella Mutability, by V. V. Tugarinov &  
V. V. Kuznetsov.

RUSSIA, per, Doklady Ak Nauk SSSR, Vol 166,  
No 3, Jan 1966, pp 722-725.

CB

June 68

353,526

An Electron-Microscopic Study of the Functional  
Structures of Primary Spermatocytes of the  
Bread Kite, by N. A. Monakhova & O. V. Goryaeva,  
RUSSIA, per, Doklady Ak Nauk SSSR, Vol 166,  
No 3, Jan 1966, pp 719-721.

CB

June 68

358,515

An Electron-Microscopic Study of Dividing Cells  
of a Transformed Tissue Culture, by N. B. Korolev  
& M. M. Shestopalova.

RUSSIAN, per, Doklady Ak Nauk SSSR, Vol 166,  
No 3, Jan 1966, pp 716-718.  
CB

June 68

353,514

Sensitivity of the Mitotic Stages in Microspores  
of Tradescantia Paludosa to Cosmic Factors on  
Board the Space Ship "Voskhod-1", by N. L. Delone  
& B. B. Egorov.

RUSSIA!, per, Doklady Ak Nauk SSSR, Vol 166,  
No 3, Jan 1966, pp 713-715.  
CB

June 63

358,513

Catalytic Properties of Some Ferriferous  
Zeolites, by S. A. Levina.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. 10,  
No 4, 1966, pp 236-240.  
Chem Trans Sv 2589

319,980

Sci - Chemistry

Effect of Inhibitors of Free-Radical Reactions on  
the Kinetics of Change in the Content of Free  
Radicals in the Organs of Mice Suffering from  
Experimental Leukosis, by A. N. Saprin,  
E. V. Klochko.

RUSSIAN, per, Doklady Ak Nauk SSSR, Vol 166,  
No 3, 1966, pp 746-748.  
CB

Jun 68

356,546

Unusual Effect of Actinomycin on Collagen Synthesis  
in Chick Embryo Cartilaginous Tissue, by  
V. I. Mazurov and V. N. Orekhovich.  
RUSSIAN, per, Doklady Ak Nauk SSSR, Vol 166,  
No 3, 1966, pp 742-745.  
CB

Jun 68

356.545

Biosynthesis of Protein and Nucleic Acids in  
Bean Chloroplast Lamellae, by E. N. Bezingier,  
M. I. Molchanov.

RUSSIAN, per, Doklady Ak Nauk SSSR, Vol 166,  
No 3, 1966, pp 738-741.

CB

Jun 68

356,555

Kinetics of the Hydrogenation of Cottonseed Oil  
on a Stationary Catalyst in a Flow-Type Setup,  
by V. I. Shlyakhov, D. V. Sokol'skii.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 166, No 3,  
1966, pp 668-670.  
CB

Jun 68

359,742

The Reversible Reduction of Fe<sub>0.6</sub>Fe<sub>1.4</sub>O<sub>4</sub> Solid  
Solutions, by Yu. P. Vorob'ev, V. N. Bogoslovskii.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 166, No 3,  
1966, pp 664-667.

CB

Jun 68

359,741

The Displacement of X-Ray Lines on the Ionization  
of Atoms, Elements fo the 3rd Period and Their  
Compounds, by V. S . Urusov,  
RUSSIAN, per, Dok Ak Nauk SSSR, Chem Sec, Vol  
CLXVI, No 3, 1966, pp 660-663.  
CB

Mat 67

326 ,085

A Thermodynamic Study of the Distribution of  
Microquantities of Strontium Between Barium  
Hydrogen Phosphate and Solution, by I. Spitsyn,  
N. B. Mikheyev,  
RUSSIAN, per, Dok Ak Nauk SSSR, Chem Sec, Vol  
CLXVI, No 3, 1966, pp 658-659.  
CB

May 67

326,084

Nuclear Relaxation in Solutions of Vanadyl Salts,  
by R. K. Mazitov, A. I. Rivkind,  
RUSSIAN, per, Dok Ak Nauk SSSR, Chem Sec, Vol  
CLXVI, No 3, 1966, pp 654-657.

CB

May 67

326,083

Numerical Solution of Problems in Chemical Kinetics  
on the Static Electrointegrator, by A. T. Luk'yanov,  
L. M. Pustyl'nikov,  
RUSSIAN, per, Dok Ak Nauk SSSR, Chem Sec, Vol  
CLXVI, No 3, 1966, pp 651-653.  
CB

May 67

324,867

Activity Coefficients of the Unionized Form of Certain Indicators for the Measurement of the Acidity Function of Aqueous Sulfuric Acid Solutions, by N. B. Librovich, M. I. Vinnik, RUSSIAN, per, Dok Ak Nauk SSSR, Chem Sec, Vol CLXVI, No 3 , 1966, pp 647-650.  
CB

May 67

324,866

Liquid-Phase Oxidation of Branched Hydrocarbons,  
by G. A. Zil'berg, S. N. Smirnova,  
RUSSIAN, per, Dok Ak Nauk SSSR, Chem Sec, Vol  
CLXVI, No 3, 1966, pp 643-646.  
CB

May 67

324,865

Investigation of the Shearing Elasticity of  
Liquids and Their Boundary Layers by a Dynamic  
Method, by U. B. Bazaron, B. V. Deryagin,  
RUSSIAN, per, Dok Ak Nauk SSSR, Chem Sec, Vol  
CLXVI, No 3, 1966, pp 639-642.  
CB

May 67

324,864

On the Equilibrium from of a Twin Undergoing Retardation at an Obstacle, by V. P. Soldatov and V. I. Startsev,  
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol CLXVI, No 3, 1966, pp 588-591.

Sov Phys Dok  
Am Inst Phys  
Vol XI, No 1, July 1966

Sci-Phys  
Jul 66

306,676

The Einstein Equations for a Massless Tensor Field with Spin 2, by V. I. Ogievetskiy and I. V. Polubarinov,  
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol CLXVI, No 3, 1966, pp 584-587.

Sov Phys Dok  
Am Inst Phys  
Vol XI, No 1, July 1966

Sci-Phys  
Jul 66   306,675

Motion of a Quasiclassical Particle in a Quasi-periodic Potential, by G. M. Zaslavskiy and A. M. Fridman,  
RUSSAIN, per, Dok Ak Nauk SSSR, Phys Sec, Vol CLXVI, No 3, 1966, pp 580-583.

Sov Phys Dok  
Am Inst Phys  
Vol XI, No 1, LJuly 1966

Sci-Phys  
Jul 66                    306,674

Relaxation in Line Spectra in an Instantaneous-Collision Approximation, by A. I. Burshtein,  
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol CLXVI, No 3, 1966, pp 577-579.

Sov Phys Dok  
Am Inst Phys  
Vol XI, No 1, July 1966

Sci-Phys  
Jul 66

306,673

Propagation of High-Frequency Signals in a Medium  
with Random Characteristics, by D. I. Blokhintsev,  
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol  
CLXVI, No 3, 1966, pp 574-576.

Sov Phys Dok  
Am Inst Phys  
Vol XI, No 1, July 1966

Sci-Phys  
Jul 66                      306,672

The Laplace-Galois Transform in the Theory of  
Sequential Machines, by Ya. Z. Tsypkin and R. G.  
Paradzhev,  
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol  
CLXVI, No 3, 1966, pp 570-573.

Sov Phys Dok  
Am Inst Phys  
Vol XI, No 1, July 1966

Sci-Phys  
Jul 66

306,658

A Class of Singular Integral Equations, by  
A.Janusauskas.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol.166, No.3,  
1966,pp.566-569.  
AMS

Math  
Aug 66

Metrizability Behavior in the Case of Factor  
s-Mappings, by M.Coban.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol.166, No.3,  
1966, pp.562-565.  
AMS

Math  
Aug 66

Geometry of an m-Surface in Affine Space, by  
S.M. Capsecnikov.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol.166, No.3,  
1966, pp.558-561.  
AMS

Math

Aug 66

Representation of Parabolic Forms by the Theta  
Series, by O. M. Fomenko,  
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec, Vol  
CLXVI, No 3, 1966, pp 555-557.

Am Math Soc  
Vol VII, No 1, Jan/Feb 1966

Sci-Math  
Jul 66

307,235

On the Equilibrium Potential, by K.V.Temko and  
S.V.Temko.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol. 166, No.3,  
1966, pp.551-554.  
AMS

Math  
Aug 66

On the Expression of a Function in Terms of its  
Integrals Over Ellipsoids, by G. L. Plaksin,  
RUSSIAN, per, Dok Ak Nauk SSSE, Math Sec, Vol  
CLXVI, No 3, 1966, pp 548-550.

Am Math Soc  
Vol VII, No 3, 1966 Jan/Feb

Sci-Math  
Jul 66

307,232

Investigation of the Neighborhood of a Critical  
Point of a Multidimensional Differential Equation  
in the Analytic Case, by A. I. Perov,  
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec, Vol  
CLXVI, No 3, 1966, pp 544-547.

Am Math Soc  
Vol VII, No 3, 1966 Jan/Feb

Sci-Math  
Jul 66

307,231

Transcendence and Algebraic Independence of Values  
of E-Functions Representing a Solution of a Third-  
order Linear Differential Equation, by V. A.  
Oleinkov,  
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec, Vol  
CLXVI, No 3, 1966, pp 540-543.

Am Math Soc  
Vol VII, No 1, Jan/Feb 1966

Sci-Math  
Jul 66q

307,230

A Problem of the Mixed Type for the Equation  
 $y(y-1)u_{xx} + u_{yy} = 0$ . by A.M. Nahusev.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol.166, No.3,  
1966, pp. 536-539.  
AMS

Math 66

One-sided Estimates in the Conditions for Asymptotic Stability of Solutions of Differential Equations with Unbounded Operators, by Ja. D. Mamedov,  
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec, Vol CLXVI, No 3, 1966, pp 533-535.

Am Math Soc  
Vol VII, No 1, Jan/Feb 1966

Sci-Math  
Jul 66

307,229

Asymptotic Expansions for Some Probability Distributions Frequently Encountered, by V. M. Kalinin,  
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec, Vol  
CLXVI, No 3, 1966, pp 530-532.

Am Math Soc  
Vol VII, No 1, Jan/Feb 1966

Sci-Math  
Jul 66

307,228

Uniform Approximations by (Algebraic and Trigonometric) Rational Functions and Global Functional Properties, by E. P. Dolzenko,  
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec, Vol CLXVI, No 3, 1966, pp 526-529.

Am Math Soc  
Vol VII, No 1, Jan/Feb 1966

Sci-Math  
Jul 66

307,227

Imbedding Theorems for Spaces with a Mixed Norm,  
by A. H. Gudiev,  
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec, Vol  
CLXVI, No 3, 1966, pp 522-525.

Am Math Soc  
Vol VII, No 1, Jan/Feb 1966

Sci-Math  
Jul 66

307,226

The General form of a Linear Functional on the  
Branch Space of Analytic Functions and the A-  
integral, by F. S. Vaher,  
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec, Vol  
CLXVI, No 3, 1966, pp 518-521.

Am Math Soc  
Vol VII, No 1, Jan/Feb 1966

Sci-Math  
Jul 66

307,225

Imbedding Theorems for  $W_{\rho, \overline{p}}^{(L)}, B_{p, \overline{p}}^{(L)}$  Spaces, by  
A.D. Beriev.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol.166, No.3,  
1966, pp.514-517.  
AMS

Math  
Aug 66

Automorphisms of Order Lattices on the Set of  
Matrix Norms, by G. R. Belickii,  
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec, Vol  
CLXVI, No 3, 1966, pp 511-513.

Am Math Soc  
Vol VII, No 1, Jan/Feb 1966

Sci-Math  
Jul 66

307,224

The Effect of Nematodes on the Glycogen Reserves  
in the Livers of Domestic Fowl, by  
G. P. Podgornova & P. I. Solov'eva.  
RUSSIAN, per, Doklady Ak Nauk SSSR, Vol 166,  
No 2, Jan 1966, pp 502-504.  
CB

June 68

358,537

Structure of the Excretory System in Gyrodactylus  
crenilabri Zaika Sp.n. (Monogeneoidea) from Green  
Wrasse of the Black Sea, by V. S. Zaika.  
RUSSIAN, per, Doklady Ak Nauk SSSR, Vol 166,  
No 2, Jan 1966, pp 500-501.

CB

June 68

350,536

Effect of Actinomycin 2703 and of a Group of  
Stimulators of Nucleic Acid Synthesis on the  
Development of Fatigue and Training, by  
F. Z. Neerson & L. S. Rozanova.  
RUSSIAN, per, Doklady Ak Nauk SSSR, Vol. 166,  
No 2, Jan 1966, pp 496-499.  
CB

June 68

358,546

Effect of Stimulation of the Sympathetic Nervous System on Proprioceptor Activity of Skeletal Muscle, by R. S. Arutyunyan.  
RUSSIAN, per, Doklady Ak Nauk SSSR, Vol. 166,  
No 2, Jan 1966, pp 492-495.  
CB

June 63

358,545

Morphological and Functional Changes in Isolated Chloroplasts on Heating, by Yu. G. Molotkovskii and I. M. Zhestkova.  
RUSSIAN, per, Doklady Ak Nauk SSSR, Vol 166,  
No 2, 1966, pp 488-491.  
CB

Jun 68

356,489

Amino Acid Sequence of a Tetrapeptide Fragment  
from the Active Center of Pigeon Breast Muscle  
Inhibitors of Aspartate Transaminase, by  
O. L. Polyanovskii and N. E. Vorotnitskaya.  
RUSSIAN, per, Doklady Ak Nauk SSSR, Vol 166,  
No 2, 1966, pp 486-487.

CB

Jun 68

356,544

Ammonia and the GABA Transaminase Activity of  
Brain Tissue, by N. S. Nilova.  
RUSSIAN, per, Doklady Ak Nauk SSSR, Vol 166,  
No 2, 1966, pp 483-485.

CB

Jun 68

356,543

Labile and Metabolically Active DNA, by  
V. G. Konarev, Sh. Ya. Gilyazetdinov.  
RUSSIAN, per, Doklady Ak Nauk SSSR, Vol 166,  
No 2, 1966, pp 480-482.

CB

Jun 68

356,542

Initial Stages of Aggregation of Phage T2 Tail  
Sheaths, by S. N. Borkhsenius, E. M. Belavtseva.  
RUSSIAN, per, Doklady Ak Nauk SSSR, Vol 166,  
No 2, 1966, pp 476-479.

CB

Jan 68

356,541

Fractionation of Stable Isotopes of Sulfur by  
Photosynthesizing Purple Sulfur Bacteria  
*Rhodopseudomonas* sp., by V. L. Nekhtieva &  
E. N. Kondrat'eva.  
RUSSIAN, per, Doklady Ak Nauk SSSR, Vol 166,  
No 2, Jan 1966, pp 465-468.

CB

June 68

358,524

RNA and Protein Metabolism in Differentiating  
Cells of the Mouse Intestinal Epithelium, by  
K. G. Gazaryan & A. S. Kul'minskaya.  
RUSSIAN, per, Doklady Ak Nauk SSSR, Vol 166,  
No 2, Jan 1966, pp 462-464.  
CB

June 68

35<sup>3</sup>, 512

The Influence of Mineralizing Additives on the Formation of Cement Clinker in Relation to the Electronegativity of the Cation and Anion of the Minerlizer, by I. F. Ponomarev, A. N. Grach'yan.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 166, No 2,  
1966, pp 410-412.

CB

Jun 68

359,740

Use of Nuclear Magnetic Resonance to Study Variously Substituted Salts of Cerimolybdic Acid,  
by V. F. Chuvayev, G. G. Stepanova,  
RUSSIAN, per, Dok Ak Nauk SSSR, Chem Sec, Vol  
CLXVI, No 2, 1966, 406-409.

CB

May 67

324,863

A Generalization fo the Similarity Integrals for  
the Concentration and Temperature Filds in  
Sequential Reactions, by N. A. Fridlender,  
RUSSAIN, per, Dok Ak Nauk SSSR, Chem Sec, Vol  
CLXVI, No 2, 1966, 403-405.  
CB

May 67

324,862

Chemical Shifts and Spin-Spin Interaction Constants of Protons of the H-N-N and H-C=N-N Groups, by V. S. Stopskiy, V. B. Lebedev,  
RUSSIAN, per, Dok Ak Nauk SSSR, Chem Sec, Vol CLXVI, No 2, 1966, pp 399-402.  
CB

May 67

324,861

Study of the Adsorption Properties of the  
Surface of Germanium Diozide, by R. V. Prudnikov,  
V. F. Kiselev,  
RUSSIAN, per, Dok Ak Nauk SSSR, Chem Sec, Vol  
CLXVI, No 2, 1966, pp 395-398.  
CB

May 67

324,860

The Distribution of Radiant Energy Absorbed and  
Stored in the Solid Over Localization Multiplicities,  
by D. I. Vaisburd, I. Ya. Melik-Gailkazyan,  
RUSSIAN, per, Dok Ak Nauk SSSR, Chem Sec, Vol  
CLXVI, no 2, 1966, pp 391-394.  
CB

May 67

324,859

Organopalladium Compounds in Olefin Oxidation  
Reactions, By I. I. Moiseev, N. N. Vargaftik.  
RUSSIAN, per, Dokl Akad Nauk SSSR, Vol 166,  
No 2, 1966, pp 370-373.  
ATS-4783

Sci  
Dec 68

360,714

X-Ray Determination of the Elastic Constants of  
Pure Nickel and its Alloy with Aluminum, by  
E. Z. Vintaikin,  
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol  
CLXVI, No 2, 1966, pp 345-347.

Sov Phys Dok  
Am Inst Phys  
Vol XI, No 1, July 1966

Sci-Phys  
Jul 66

306,681

Analysis of the Quasiclassical Equations for a  
Two-Level System, without Taking Relaxation  
Effects into Consideration, by Yu. A. Freiman,  
and B. L. Timan,  
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol  
CLXVI, No 2, 1966, pp 341-344.

Sov Phys Dok  
Am Inst Phys  
Vol XI, No 1, July 1966

Sci-Phys  
Jul 66                    306,671

Relation Between Structure and Polarization of  
Particles in the Reaction  $l + \bar{l} \rightarrow P + \bar{P}$ , by  
A. A. Sokolov and B. K. Kerimov, et al,  
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol  
CLXVI, No 2, 1966, pp 337-340.

Sov Phys Dok  
Am Inst Phys  
Vol XI, No 1, July 1966

Sci-Phys  
Jul 66

306,670

Quantum Theory of Anisotropic Ferromagnetism, by  
W. Rybarska,  
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol  
CLXVI, No 2, 1966, pp 333-336.

Sov Phys Dok  
Am Inst Phys  
Vol XI, No 1, July 1966

Sci-Phys  
Jul 66

X06Y069  
306,669

Energy Spectrum of Ions Scattered by Single Crystals, by E. S. Mashkova and V. A. Molchanov, et al,  
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol CLXVI, No 2, 1966, pp 330-332.

Sov Phys Dok  
Am Inst Phys  
Vol XI, No 1, July 1966

Sci-Phys  
Jul 66                            306,668

The Lengths of Molecular Whiskers Giving Molecular Patterns in the Field -Emission Microscope, by  
A. P. Komar,  
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol  
CLXVI, No 2, 1966, pp 327-329.

Sov Phys Dok  
Am Inst Phys  
Vol XI, No 1, July 1966

Sci-Phys  
Jul 56                    306,667

Empty Space-Time with an Absolutely Parallel  
Vector Field, by V. D. Zakharov,  
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol  
CLXVI, No 2, 1966, pp 324-326.

Sov Phys Dok  
Am Inst Phys  
Vol XI, No 1, July 1966

Sci-Phys  
Jul 66  
306,666