

A Study of the Effect of Radiation on the  
Adhesion of Polymeric Coatings to Aluminum,  
by V. Ya. Kabanov, Z. P. Grozinskaya,  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CLXIX,  
No 1, 1966, pp 146-149.

CB

Jun 67

328,170

Investigation of the Reaction of Benzene with  
Serum Albumin Molecules in Aqueous Solution,  
by V. N. Izmailova, G. P. Yampol'skaya,  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CLXIX,  
No 1, 1966, pp 143-145.  
CB

Jun 67

328,169

Kinetics of the Physiochemical State of the  
Gas-Liquid Boundary Surface and Its Role in  
the Elementary Act of Flotation, by  
Ya. A. Glembotskiy, K. V. Glatsintova,  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CLXIX,  
No 1, 1966, pp 139-142.

CB

Jun 67

328,168

Stability of the Detonation Front in a Gas  
Mixture Studies with Chapman-Jouget's Model,  
by S. K. Aslanov,  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CLXIX,  
No 1, 1966, pp 136-138.

CB

Jun 67

328,167

On the Olar Influence of Extraindex Substituents on the Activation Energy of the Catalytic Dehydrogenation of Alkykaromatic Compounds, by A. A. Artamonov, A. A. Balandin, RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem Sec, Vol CLXIX, No 1, 1966, pp 132-135.  
CB

Sci-Chem  
Jun 67

328,166

English Title Unknown, by A. A. Dulov.  
RUSSIAN, per, Doklady AN SSSR, Vol 169, No 1,  
1966, pp 111-113.  
NLL Ref: 5413.2835 (Mul-tr-75)

Sci-Elec Engr  
Aug 68

361,809

Preparation of Single Crystals of Rare Earth  
Oxides by the Verneuil Method, by A. A. Popova,  
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol  
CLXIX, No 1, 1966, pp 92-93.  
Am Inst Phys  
Vol XI, No 7, Jan 1967

Jan 67

516,663

Absolute Age of the Rral Sea as Determined from  
Non-equilibrium Uranium by P. I. Chalov,  
RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci Sec,  
Vol CLXIX, No 1, 1966, pp 89-91.  
Am Geol Inst

Apr 67

324,080

Cavitation-Mechanical Strength of Metals, by  
K. A. Chal'nev and R. P. Stepanov,  
RUSSIAN, per, Dok Akad Nauk SSSR, Phys Ser, Vol  
CLXIX, No 1, 1966, pp 65-66.  
A. Inst Phys  
Vol XI, No 7, Jan 1967

Jan 67

316,804

Adjustment of the Magnetic Induction of a Ferrite  
by Incorporation of Activator Ions, by D. N.  
Benderov,  
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Ser, Vol  
CLXIX, No 1, 1966, pp 81-84.  
Ju. Inst Phys  
Vol XI, No 7, Jan 67

Jan 67

516,383

Narrow-Band Electronic Spectra of Metal Derivatives  
of Tetrabenzo porphine and Phthalocyanin, by A. N.  
Sevchenko and K. N. Dolov'yev, et al,  
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol  
CLXIX, No 1, 1966, pp 77-80.  
Am Inst Phys  
Vol XI, HA 7, Jan 1967

Jan 67

316,875

Measurement of Pressures Up To 100 kbars by the  
Free-Piston Method, by L. F. Vereshchagin and  
E. V. Zubova, et al,  
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol  
CLXIX, No 1, 1966, pp 74-76.  
Am Inst Phys  
Vol XI, No 7, Jna 1967

Jan 67

316,374

Dislocation Structure in a Crystal Lattice and  
a Mechanism for the Growth of Dislocations, by  
V. Z. Bengus,  
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol  
CLXIX, No 1, 1966, pp 70-73.  
Am Inst Phys  
Vol XI, No 7, Jan 1967

Jan 67

516,875

Asymptotic Behavior of Green's Functions in the  
Viscous hydrodynamic Approximation for the Statistical  
Mechanics of Quantum Theory, by S. I. Godovnilev,  
BUREAU, ser, Dok Ak Nauk SSSR, Phys Sec, Vol  
CLIX, No 1, 1966, pp 66-69.  
Am Inst Phys  
Vol XI, No 7, Jan 1967

Jan 67

316,670

Self-Simulating Motion of a Relativistic Gas  
in a Concomitant System of Coordinates, by V.  
Ts. Gurovich,  
UDSSR, per, Dok Akad Nauk SSSR, Phys Ser , Vol  
CLXIX, No 1, 1966, p. 62-65.  
Jn Inst Phys  
Vol XI, No 7, Jan 1967

Jan 67

510,809

Solution of the Chain of Equations of the Kinetic Theory of Gases, by V. V. Stranski,  
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol  
CLXIX, No 1, 1966, pp 58-61.  
Am Inst Phys  
Vol XI, No 7, Jan 1967

Jan 67

316,862

Piston Motion in a Heat-Conducting Viscous  
Medium, by M. P. Mikhailova,  
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol  
CLXIX, No 1, 1966, pp 55-57.  
Am Inst Phys  
Vol XI, No 7, Jan 1967

Jan 67

316,861

Autonomy in Multiply-Connected Variable-  
Structure Automatic Control Systems, by B. N.  
Petrov, S. V. Yemel'yanov and M. B. Gritsenko,  
5 pp.  
RUSSIAN, per, Doklady Akademii Nauk SSSR, Vol  
169, No 1, Jul-Aug 1966, pp. 52-54.  
JPRS 38175

USSR  
Sci-Phys  
Nov 66

312,635

Autonomy in Multiconnected Automatic Control  
Systems with Variable Structure, by B. N. Petrov  
and S. V. Emel'yanov,  
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol  
CLXIX, No 1, 1966, pp 52-54.  
Am Inst phys  
Vol XI, No 7, Jan 67

Jan 67

316,865

Existence of the Solution of a Boundary  
Value Problem for an n-th Order Nonlinear  
Differential Equation, by A. Ya. Lepin,  
A. D. Ilyshkin, 5 pp.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CLXIX,  
No 1, 1966, pp 16-19.  
CIA/FDD X-5981

Sci - math Sci  
Nov 66  
FOR OFFICIAL USE ONLY

312,890

The Neural Plate in the Two-Humped Camel, by  
G. A. Schmidt & Yu. A. Plyasov.

RUSSIAN, per, Doklady Ak Nauk SSSR, Vol 163,  
No 6, June 1966, pp 1436-1438.  
CB

June 68

359, 108

Formation of the Sigmoid Colon in the Fetal Period  
of Human Intrauterine Development, by

A. A. Zelikson.

RUSSIAN, per, Doklady Akad Nauk SSSR, Vol 168,  
No 6, June 1966, pp 1434-1435.

CB

June 68

359,197

Activity of *d*-Motor Neurons in Response to  
Rhythmic Stimulation of the Red Nucleus and  
Influence of Strychnine on the Rubro-Spinal  
Effects, by A. I. Shapovalov & K. B. Shapovalova,  
RUSSIA, per, Doklady Ak Nauk SSSR, Vol 162,  
No 6, June 1966, pp 1430-1433.

CB

June 68

359,126

Interrelationship of High-Energy and Low-Energy Reactions in the Mechanism by which Plants Adapt to Seasonal Changes in External Conditions, by S. L. Pumpyanskaya.  
RUSSIAN, per, Doklady Ak Nauk SSSR, Vol 168, No 6, 1966, pp 1427-1429.

CB

Jun 68

356,518

The Growth of Ground Parenchyma in Maize Internodes, by Ya. A. Dudinskii and K. M. Sytnik.  
RUSSIAN, per, Doklady Ak Nauk SSSR, Vol 168,  
No 6, 1966, pp 1425-1426.

CB

Jun 68

356,517

Separation of L-Tyrosine: 2-Oxoglutarate  
Aminotransferases of the Rat Liver and Change in  
the Enzyme Fractions after the Administration  
of Hydrocortisone, by F. B. Levin.  
RUSSIAN, per, Doklady Ak Nauk SSSR, Vol 168,  
No 6, 1966, pp 1422-1424.

CB

Jun 68

359,602

Structure and Antileukemic Action in the Series  
of Substituted Phenols, by N. P. Konovalova,  
G. N. Bogdanov.  
RUSSIAN, per, Doklady Ak Nauk SSSR, Vol 168,  
No 6, 1966, pp 1419-1421.

CB

Jun 68

359,601

Effects of Carbonyl Reagents on Vitamin B<sub>12</sub> and  
Porphyrin Synthesis by Dormant Cells of Propioni-  
bacterium shermanii, by V. Ya. Bykovskii,  
N. I. Zaitseva.

RUSSIAN, per, Doklady Ak Nauk SSSR, Vol 168,  
No 6, 1966, pp 1415-1418.  
CB

Jun 68

359,600

Polypliody and Centrifugation, by N. L. Delone.  
RUSSIAE, per, Doklady Ak Nauk SSSR, Vol 168,  
No 6, June 1966, pp 1409-1410.  
C5

June 68

359,116

Biochemical Changes Associated with Mutations  
of the Loss of Anthocyanin Flower Coloring in  
Certain Plants, by Halida al Bassam.

RUSSIA, per, Doklady Ak Nauk SSSR, Vol 168,  
No 6, June 1966, pp 1405-1408.

CD

June 68

359,115

Presence of Astrorhizae on Stromatoporoids of  
the Genus Dendrostroma Lecompte, by V. G. Khromykh,  
RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci Sec, Vol  
CLXVIII, No 6, 1966, pp 1403-1404.  
Am Geol Inst

Jan 67

316,701

Iron Ore Sediments of the Flumarole Field of  
Snatorin Volcano, Their Composition and Origin,  
by G° Yu. Butuzova  
RUSSIAN, per, Dok Ak Nauk SSSR, Earth Sci Sec, Vol  
CLXVIII, No 6, 1966, pp 1400-1402.  
Am Geol Inst

Jan 67

316,699

Geochemistry of Elements of the XXX Platinum Group  
in the Almalky Ore Field, by S. T. Badalov  
RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci Sec, Vol  
CLXVIII, No 6, 1966, pp 1397-1399.  
Ari Geol Inst

Jan 67

31,6698

Genesis of Gibbsite in Slightly Altered Rocks  
of teh Residuum, by N. A. Lisitsyna,  
RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci Sec,  
Vol CLXVIII, No 6, 1966, pp 1394-1396.  
Am Geol Inst

Jan 67

316,681

Hydrothermal Iozite Found for the First Time,  
V. S. Kudrin, et al,  
RUSSIAN, per, Dok Ak Nauk SSSR, Earth Sci Sec,  
Vol CLXVIII, No 6, 1966, pp 1390-1393.  
Am Geol Inst

Jan 67

316,673

Genesis of Oil and Gas of the Ukraine as Viewed  
in the Light of teh Fault-Block Tectonics of  
Its Terrain,  
RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci Sec,  
Vol CLXVIII, No 6, 1966, pp 1387-1389.  
Am Geol Inst

Dec 66                    316,660

Triassic Ammonoids of teh Nakhichevan Assr, by  
O. G. Tumanskaya,  
RUSSIAN, per, Dok Ak Nauk SSSR, ear Sco Sec, Vol  
CLXVIII, No 6, 1966, pp 1385-1386.  
Am Geol Inst

Dec 66

316,658

Morphologic Features of the Early North Tien Shan  
Glaciation and Related to the Structural and  
Tectonic Setting, by B. K. Luzgin, et al,  
RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci Sec,  
Vol CLXVIII, No 6, 1966, pp 1381-1384.  
Am Geol Inst

Dec 66

316,657

Blastomylonite Ore, A New Variety of High Grade  
Open Hearth Ore in Iron-Ore Fields of the  
Krivoy Rog Type, by N. A. Kornilov,  
RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci Sec,  
Vol CLXVIII, No 6, 1966, pp 1377-1380.  
Am Geol Inst

Dec 66

316,656 q

Realation of Bauxitization in Geosynclinal Regions  
to Reff Building and Explosive Andesitic Volcanism,  
by A. S. Kalugin,  
RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci Sec,  
Vol CLXVIII, No 6, 1966, pp 1374-1376.  
Am Geol Inst

Dec 66

316,656

Metamorphic Zoning and Petrologic Relationship of  
the Vakhan Series and Rushan Complex, by A. G.  
Davydenko,  
RUSSIAN, per, Dok Ak Lauk SSSR, Ear Sci Sec,  
Vol CLXVIII, No 6, 1966, pp 1370-1373.  
Am Geol Inst

Dec 66

516,655

The Use of Harmonic Signals for Studying Longitudinal Hydrodynamic Mixing in Porous Media with Stagnant Zones, by V. G. Levich, V. S. Markin.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 168, No 6,  
1966, pp 1364-1366.

CB

Jun 68

359,727

Effect of Steam-Treatment of Molten Blast-Furnace Slag on the Linear Crystallization Rate of Slag Minerals, by Yu. D. Kruchinin and L. V. Ivanova.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 168, No 6, 1966, pp 1362-1363.

CB

Jun 68

359,726

Inhomogeneity of Molecular Weight and Relative  
Viscosity of Solutions of Cellulose and Its  
Esters, by V. I. Ivanov and L. A. Yudakhina.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 168, No 6,  
1966, pp 1360-1361.

CB

Jun 68

359,725

Role of the Triplet Excited States in the  
Formation and Thermal Conversions of Acetylene  
by Yu. P. Yampol'skii, A. M. Brodskii.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CLVIII,  
No 6, 1966, pp 1356-1359.  
CB

May 67

325,  
4 954

Rarefied Flames of Sulfur Vapor Investigated by  
the ESR Method, by E. N. Sarkisyan, V. V. Azatyan, et al  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CLVIII,  
No 6, 1966, pp 1354-1355.

CB

May 67

324,953

Spontaneous Polymerization of 1,2-Dimethyl-5-Vinylpyridine Methyl Sulfate in an Aqueous Medium, by V. A. Kabanov, T. I. Patrikeeva, et al. RUSSIAN, per, Dok Ak Nauk SSSR, Vol CLVIII, No 6, 1966, pp 1350-1353.

CB

May 67

324,952

New Characteristics of the Complete Rheological Curve for the Thixotropic Structured Gel Suspension (Complete Rheological Cycle), by S. Yu. Zhukhovitskii.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CLVIII,  
No 6, 1966, pp 1346-1350.  
CB 49

May 67

324,951

Peculiarities of Polymerization in an Emulsion  
Stabilized by Nonionogenic Emulsifiers by  
N. Ya. Vil'shanskaya, A. I. Yurzhenko,  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CLVIII,  
No 6, 1966, pp 1342-1345.

CB

May 67

324,950

Regularities in the Structural Properties of  
Compounds of the Rare Earth Elements in Connection  
With the Structure of Their Atoms, by G. A.  
Bandurkin, B. F. Dzhurinakly, 8 pp.  
RUSSIAN, per, Dokl Akad Nauk SSSR, Vol 168, 1966,  
pp 1315-1318. P911191967  
AEC IS Tr-55

327,904

Sci - Nuclear Science  
Jun 67

Catalytic Dehydrogenation of Alkyl Aromatic Compounds, by A. A. Artamonov.  
RUSSIAN, perp., Dok Ak Nauk SSSR, Vol 168,  
No 6, 1966, pp 1311-1314.  
Chem Trans Nr 3097

321,738

Sci - Chemistry  
Mar 67

Investigation of the Hydrodynamics and Mass Transfer Between a Sharp Gas Jet and a Liquid,  
by E. D. Khmelevskaya and Z. F. Chukhanov,  
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol  
CLXVIII, No 6, 1966, pp 1307-1310.

Sov Phys Dok  
Am Inst Phys  
Vol XI, No 6, Dec 1966

Dec 66

315,548

Mechanism of Destruction of Polycrystalline  
Graphite by Erosion, by M. V. Khanin,  
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol  
CLXVIII, No 6, 1966, pp 1303-1306.

Am Inst Phys  
Vol XI, No 6, Dec 1966

Dec 66

316,558

Theory of an Open-Cavity Resonator Formed by  
Parallel Discs, by A. T. Fialkovskiy,  
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Ses, Vol  
CLXVIII, No 6, 1966, pp 1300-1302.

Am Inst Phys  
Vol XI, No 6, 1966

Ddc 66

316,556

Motion of a Nuetron Fermion Having an Anomalous  
Magnetic Moment in an Electroic Field, by  
I. M. Ternov and V. G. Bagrov,  
RUSSIAN, PER, Dok Ak Nauk SSSR, Phys Sec, Vol  
CLXVIII, No 6, 1966, pp 1298-1299.

Am Inst Pjys  
Vol XI, No 6, Dec 1966

Dec 66

316,555

Change in Oscillation Wavelenght for a Four-Level~~XX~~Mer  
laser, by B. I. Stepanov,  
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol  
CLXVIII, No 6, 1966, pp 1294-1297.

Am Inst Phys  
Vol XI, No 6, Dec 1966

Dec 66

316,553

Transition of an Electron Into the Continuous Spectrum, by V. I. Ushakov,  
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol  
CLXVIII, No 6, 1966, pp 1291-1293.

Am Inst Phys  
Vol XI, No 6, Dec 1966

Dec 66

316,554

Photosemiconductor Properties of Bilirubin, by  
A. T. Vartanyan,  
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Col  
CLXVIII, No 6, 1966, pp 1287-1290.

Am Inst Phys  
Vol XI, No 6, Dec 1966

Dec 66

316,552

Semiconductor Gallium Arsenide Laser  
With a Flat Resonator, by N. G. Basov,  
O. V. Bogdankevich, 5 pp.  
RUSSIAN, per, Bok Ak Nauk SSSR, Vol CLAVIIF,  
No 6, 1966, pp 1283-1286.  
CIA/TWID X-5955

Sci - Phys  
Oct 66  
FOR OFFICIAL USE ONLY

305,684

Gallium Arsenide Laser with Plane Resonator, by  
N. G. Basov and O. V. Bogdankevocih, et al,  
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol  
CLXVIII, No 5, 1966, pp 1283-1286.

Am Inst Phys  
Vol XI, No 6, Dec 1966

Dec 66

316,551

Mathematical Model for the Intermittence of Turbulent Flow, by E. A. Novikov,  
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol  
CLXVIII, No 6, 1966, pp 1279-1282.

Am Inst Phys  
Vol XI, No 6, Dec 1966

Dec 66

315,554

Determination of the Pre-Atmospheric Dimensions  
of Meteorites, by A. K. Lavrukhina,  
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol  
CLXVIII, NV 6, 1966, pp 1275-1278.

Sov Phy-Dok  
Am Inst Phys  
Vol XI, No 6, 1966 Dec

315,545

Dec 66

A Contribution to the Theory of Locally Finite Groups  
by V.P. Sunkov,  
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec, Vol.  
CLXVIII, No. 6, 1966, pp 1272,1274

Am Math Soc  
Vol. VII, No. 3, May-June 1966

Nov 66

Nonlinear Transformations of Stochastic Measures in  
Functional Spaces, by A.V. Skorohod,  
RUSSIAN, per, Dok Ak Nauk SSSR, Math Soc, Vol.  
CIXVIII, No. 6, 1966, pp 1269-1271

Am Math Soc  
Vol. VII, No. 3, May-June 1966

Nov 66

Transformation Operators and Scattering Functions  
for a Highly Singular Potential, by F .S. Rofe-Beketov  
and E.N. Christov:  
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec, Vol.  
CLXVIII, No. 6, 1966, pp 1265-1280

Am Math Soc  
Vol. VII, No. 3, May-June 1966

Nov 66

Analogue of a Theorem of Bass for Representation  
Modules of Noncommutative Orders, by A.V. Roiter,  
RUSSIAN, per, Dok Akad SSSR, Math Soc, Vol.  
CLXVIII, No. 6, 1966, pp 1251-1264

Am Math Soc  
Vol. VII, No. 3, May-June 1966

Nov 66

Automorphisms of Algebraic Groups by V.P. Platonov  
RUSSIAN, per, Dok Ak Nauk SSSR, Math Soc, Vol.  
CLXVIII, No. 6, 1966, pp 1257-1260

Am Math Soc  
Vol. VII, No. 3, May-June 1966

Nov 66

Zero-Manifolds of Solutions of Multidimensional  
Second-Order Differential Equations, by A.I. Perov  
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec, Vol.  
CLXVIII, No. 6, 1966, pp 1254-1256

Am Math Soc  
Vol. VII, No. 3, May-June 1966

Nov 66

An Analytic Problem in Statistics, by V.P. Palamodov  
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec, Vol.  
CLXVIII, No. 6, 1966, pp 1251-1253

Am Math Soc  
Vol. VII, No. 3, May-June 1966

Nov 66

Calculation of the Index of a System of one-dimensional Singular Equations, by S.G. Mihlin,  
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec, Vol.  
CLXVIII, No. 6, 1966, pp 1248-1250

Am Math Soc  
Vol. VII, No. 3, May-June 1966

Nov 66

A Class of Singular Integral Equations With Shift, by  
R.A. Kordzadze,  
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec, Vol.  
CLXVIII, No. 6, 1966, pp 1245-1247

Am Math Soc  
Vol. VII, No. 3, May-June 1966

Nov 66

Hypoelliptic Pseudodifferential Operators by  
Ju. V. Egorov,  
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec, Vol.  
CLXVIII, No. 6, 1965, pp 1242-1244

Am Math Soc  
Vol. VII, No. 3, May-June 1965

Nov 66

Embedding theorems for a class of function spaces, by V.A. Dikarev,  
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec, Vol.  
CLXVIII, No. 6, 1966, pp 1239-1241

Am Math Soc  
Vol. VII, No. 3, May-June 1966

Nov 66

Integral Geometry on a Manifold of K-Dimensional  
Planes, by I.M. Gel'fand, M.I. Graev, and Z. Ja.  
Sepiro,  
RUSSIAN, per, Dok Ak Nauk SSSR, Math Soc, Vol.  
CLXVIII, No. 6, 1966, pp 1236-1238

Am Math Soc  
Vol. VII, No. 3, May-June 1966

Nov 66

Hypoelliptic Equations in Convolutions, by L.R.  
Volevic,  
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec, Vol  
CLXVIII, No. 6, 1966, pp 1232-1235

Am Math Soc  
Vol. VII, No. 3, May-June 1966

Nov 66

A Letter to the Editors, by A. Gisaré, [A.  
Guichardet],  
RUSSIAN, per, Dok Ak Nauk SSSR, Math Soc, Vol  
CLXVIII, No. 6, 1966, pp 1231

Am Math Soc  
Vol. VII, No. 3, May-June 1966

Nov 66

Duration of the Mitotic Cycle in the Period of  
Synchronous Cleavage Divisions ( $t_0$ ) and its  
Relationship to Temperature in the Leach Embryo,  
by G. N. Ignat'eva & A. A. Kostomarova.  
RUSSIAN, per, Doklady Ak Nauk SSSR, Vol 163,  
No 5, June 1966, pp 1221-1224.  
CB

June 68

359,106

Importance of Drinking Excitation and Reception  
of the Alimentary Canal for Regulation of the  
Speed of Flow of Hypertonic Salt Solutions from  
the Stomach into the Duodenum, by V. G. Kassil<sup>1</sup>.  
RUSSIAN, per, Doklady Ak Nauk SSSR, Vol 163,  
No 5, June 1966, pp 1217-1220.  
C2

June 68

359,137

Some Special Morphological Features of the Heart  
and Lungs of Small Laboratory Animals, by  
G. V. Kovalevskii.

RUSSIAH, per, Doklady Ak Nauk SSSR, Vol 162,  
No 5, June 1966, pp 1214-1216.  
CB

4EC AND TR-448

June 68

359,110

The Mechanism of Response by Various Varieties of  
Corn to Level of Root Feeding, by  
E. L. Klimashevskii.

RUSSIAN, per, Doklady Ak Nauk SSSR, Vol 168,  
No 5, 1966, 1212-1213.

CB

Jun 68

356,516

Double Fertilization in Apple, by  
A. Ya. Radionenko.  
RUSSIAN, per, Doklady Ak Nauk SSSR, Vol 168,  
No 5, 1966, pp 1208-1211.  
CB

Jun 68

356,508

Incorporation of the 5-C-Atom of 4,5-Dioxovaleric Acid into Hypoxanthine and Inosinic Acid in the Pigeon Liver, by R. A. Spryshkova and A. A. Poznaskaya.

RUSSIAN, per, Doklady Ak Nauk SSSR, Vol 168, No 5, 1966, pp 1205-1207.

CB

Jun 68

359,599

Sulphydryl Groups and the Transketolase Activity  
of Baker's Yeasts, by G. A. Kochetkov and  
G. F. Lutovinova.  
RUSSIAN, per, Doklady Ak Nauk SSSR, Vol 168,  
No 5, 1966, pp 1202-1204.  
CB

Jun 68

359,593

On the Principle of Feedback Regulation of the  
Carbohydrate Metabolism, by I. I. Ivanov,  
R. A. Zaremskii.  
RUSSIAN, per, Doklady Ak Nauk SSSR, Vol 168,  
No 5, 1966, pp 1199-1201.  
CB

Jun 68

359,597

The Mechanism of the Hemolytic Activity of  
Fish Serum, by V. I. Luk'yanenko &  
E. K. Mieserova.  
RUSSIAN, per, Doklady Ak Nauk SSSR, Vol 168,  
No 5, June 1966, pp 1192-1194.  
CB

June 68

359, 121

The Quantitative Relationship Between Protein  
and DNA in Desoxyribonucleoprotein of the Plague  
Organism, by N. L. Bekker.

RUSSIAN, per, Doklady Ak Nauk SSSR, Vol 168,  
No 5, June 1966, pp 1189-1191.

OB

June 68

359,124

Ultrastructure of the Cells of Langendorff in  
the Thyroid of the Normal Rat and in Malignant  
Degeneration, by N. P. Dmitrieva & N. P. Gorshunova.  
RUSSIAN, per, Doklady Ak Nauk SSSR, Vol 162,  
No 5, June 1966, pp 1136-1138.

CB

June 68

359,119

The Microtubules of the Cytoplasm, by  
I. B. Tokin & P. Relikh.  
RUSSIAN, per, Doklady Ak Nauk SSSR, Vol 163,  
No 5, June 1966, pp 1183-1185.

CB

June 66

359,101

The Possibility of Determining the Chemical Composition and Concentration of Mineralogical Solutions From the Chemical Composition of Gas-Fluid Inclusions of Minerals, by L. N. Khetchkova,  
RUSSIAN, per, Dok Ak Nauk SSSR, Earth Sci Sec, Vol CLXVIII, No5, 1966, pp 1179-1182.  
Am Geol Inst

Jan 67

316,697

Influence of the Selenga River on the Chemical Composition of Baikal Ground Solutions, by I. B. Mizandrontsev,<sup>1</sup>

RUSSIAN, per, Dok Ak Nauk SSSR, Earth Sci Sec, Vol CLXVIII, No 5, 1966, pp 1173-1176.  
Am Geol Inst

Jan 67

31,6696

Geochemical Features of Molybdenum and Tungsten Distribution at One Lignite Field, by D. F. Korolev,

RUSSIAN, per, Dok Ak Nauk SSSR, Eur Sci Sec, Vol CLXVIII, No 5, 1966, pp 1170-1172.

Am Geol Inst

Jan 67

316,695

Fluorine in Ground Water in the Dniester Region,  
by Yu. I. Goncharov and Ye. P. Gurova,  
RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci Sec, Vol  
CLXVIII, No 5, 1966, pp 1166-1169.  
Aa Geol Inst

Jan 67

316,694

Mode of Origin of Amber, by S. S. Savkevich,  
RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci Sec,  
Vol CLXVIII, No 5, 1966, pp 1162-1165.  
Am Geol Inst

Jan 67

XXX 316,685

Gneetic Relation Between Clastic anf Clay Minerlas  
in the Lower Xretaceous Sediments of hee Tadzhik  
Depression, by Sh. Babayen,  
RUSSIAN, per, DOK Ak Nauk SSSR, Ear Sci Sec,  
Vol CLXVIII, No 5, 1966, pp 1158-1161.  
Am Geol Inst

Jan 67

316,684

Metasomatic Albite Found for the First Time  
in the MPR, by I. S. Boguslavskiy, et al,  
RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci Sec,  
Vol CLXVIII, No 5, 1966, pp 1154-1157.  
Am Geol Inst

Jan 67

316,680

Some Physical Properties of Diamonds in Yakutian  
Eclogite, by Ye. V. Sobolev, et al,  
RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci Sec,  
Vol CLXVIII, No 5, 1966, pp 1151-1153.  
Am Geol Inst

Jan 67

316,672

A Study of Stephanite by the Method of  
Nuclear Quadrupole Resonance, by L. P. Pen'kov  
and I. A. Safin,  
RUSSIAN, per, Dok Akad SSSR, Earth Sci Sec,  
Vol CLXVIII, No 5, 1966, pp 1148-1150.  
Am Geol Inst

Jan 67

316,671

Barite form Iron Ores of the Krivoy Rog Type,  
by N. A. Kornilov,  
RUSSIAN, per, Dok Ak Lauk SSSR, Ear Sci Sec,  
Vol CLXVIII, No 5, 1966, pp 1145-1147.  
Am Geol Inst

Jan 67

316,670

Submarine Volcanism in the Sea of Japan, by  
V. I. Chaynikov, et al,  
RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci Sec, Vol  
CLXVIII, No 5, 1966, pp 1141-1144.  
Am Geol Inst

Dec 66

516,654