

Interfacial Surface Tension of Gallium at a
Boundary with Certain Nonpolar Organic Liquids,
by S. N. Zadumkin, A. A. Karashaev.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 175, No 6,
Aug 1967, pp 1315-1317.

CB

Apr 68

352,075

Structure-Formation Processes in Strong
Polyelectrolytes, by V. A. Kargin, Z. Ya.
Berestneva.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 175, No 6,
Aug 1967, pp 1318-1319.

CB

Apr 68

352,076

Dissociation of Some Semiconductor Compounds of
the A_{III}B_V Type Connected with the Action of
Light Pulses from an Optical Quantum Generator,
by B. A. Krasyuk, V. N. Maslov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 175, No 6,
Aug 1967, pp 1320-1321.

CB

Apr 68

352,077

Force Constants of Si-O Bonds and Their Dependence on the Nature of Substituents at Silicon and Oxygen, by A. N. Lazarev, Kr. Poiker.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 175, No 6,
Aug 1967, pp 1322-1324.

CB

Apr 68

352,078

Thermal Expansion and Melting of Small Crystals
of Silver, by Yu. I. Petrov and Yu. I. Fedorov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 175, No 6,
Aug 1967, pp 1325-1327.

CB

Apr 68

352,079

Multistage Nature of Combustion in Dilute Hydrogen Sulfide Flames, by G. A. Sachyan, Yu.

M. Gershenson.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 175, No 6,
Aug 1967, pp 1328-1331.

CB

Apr 68

352,080

Chemisorption of Nitrogen and the Mechanism of
Ammonia Synthesis on Iron Purified in an
Ultravacuum, by I. I. Tret'yakov, B. R. Shub.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 175, No 6,
Aug 1967, pp 1332-1335.

CB

Apr 68

352,081

Investigation of Reversible and Irreversible
Changes in the Work Function and Electric
Conductivity of Titanium Dioxide in the Chemi-
sorption of Oxygen, by E. N. Figurovskaya and
V. F. Kiselev.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 175, No 6,
Aug 1967, pp 1336-1339.

CB

Apr 68

352,082

Lower Cretaceous Stratigraphy of the Northwestern Margin of the Amur-Ussuri Downwarp, by
M. A. Akhmet'yev.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 175, No 6,
1967, pp 1341-1343.
Am Geological Inst.

May 68

358,099

New Data on the Cambrian Stratigraphy of Western
Transbaikal, by A. L. Dolin.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 175, i.o 6,
1967, pp 1344-1346.
Am Geological Inst.

May 68

358,100

New Data on the Age of Metamorphic Complexes
of Sakhalin Island, by A. Ye. Yegorov.
RUSSIA., per, Dok Ak Nauk SSSR, Vol 175, No 6,
1967, pp 1347-1348.
Am Geological Inst.

May 68

358,101

New Data on Lower Miocene Sediments of Kysyl
Kum, by R. K. Nakarova.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 175, No 6,
1967, pp 1349-1351.
Am Geological Inst.

May 68

353,102

Eocene Paleogeography of the Northern Pamirs,
by V. M. Moralev & V. V. Skotarenko.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 175, No 6,
1967, pp 1352-1354.
Am Geological Inst.

May 68

358,103

New Data on Stratigraphy of Middle Jurassic
Sediments on the Lower Course of the Lena River,
by I. I. Tuchkov.
RUSSIA, per, Dok Ak Nauk SSSR, Vol 175, No 6,
1967, pp 1355-1358.
Am Geological Inst.

Kay 68

353,104

Investigation of Variations in the $\alpha \rightarrow \beta$
Transition Temperature for Quartz from Granitoids
in Northeastern Transbaikal, by Ye. N. Panov
& I. G. Muratov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 175, No 6,
1967, pp 1359-1362.
Am Geological Inst.

May 63

358,119

Stochastic Matrix of Quasi-Eutectic Granite
(From the Darvar District, Northern Horvatis),
by A. S. Vistelius.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 175, No 6,
1967, pp 1363-1366.
Am Geological Inst.

May 68

358,129

Oxidation-Reduction Properties of the Kerch'
Iron Ores, by N. Ya. Andreyeva & I. D. Sedletskiy.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 175, No 6,
1967, pp 1367-1368.
An Geological Inst.

May 68

353,143

Acidic-Basic Properties of Certain Aluminosilicate
Melts, the Simplified Analogues of (Natural)
Rocks, by I. A. Yevtyukhina & L. N. Kogarko.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 175, No 6,
1967, pp 1369-1371.
Am Geological Inst.

May 68

350,144

Physical State of Oil and Gas at Depth, by
N. Sh. Kodelevskiy & Ye. I. Parnov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 175, no 6,
1967, pp 1372-1374.
Am Geological Inst.

May 68

355, 145

A New Family of Archaeocyathids with Hexahedral
Loculi in the Intervallum, by A. G. Vologdin &
M. M. Yazmir.
RUSSIA, per, Dok Ak Nauk SSSR, Vol 175, No 6,
1967, pp 1375-1377.
Am Geological Inst.

May 65

350,148

Hyperpolarization of the Cytoplasmic Membrane
Surface in the Plant Cell, by G. A. Volkov,
L. A. Nisyuk.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 175, No 6,
Aug 1967, pp 1379-1381.
CB

Jul 68

360,444

Nucleocytoplasmic Relationship and Aneuploidy
of Cells on the Diploid and Polyploid Levels,
by V. N. Alekperov & V. K. Shcherbakov.
RUSSIAN, per. Dok Akad Nauk SSSR, Vol 175, No 6,
Aug 1970, pp 1322-1324.

Jul 68

369,239

Investigation of the Compatibility of Tetraploid
Sugar Beets of Different Heterozygosity, by
V. A. Panin & I. A. Shevtsov.
RUSSIA, per, Dok Ak Nauk SSSR, Vol 175, No 4,
Aug 1947, pp 1385-1386.

22

Jul 6th

360,301

Distribution of Desmidiaceae Algae in the basin
of the River Pechora, by N. V. Setsan.
RUSSIA, per, Dok Ak Nauk SSSR, Vol 175, No 7,
Aug 1967, pp 1387-1393.

35

340,305

Submicroscopic Structure of the Atrial Filament
in Leptospira, by L. A. Kats & ... D. Konstantinov.
RUSSIAN, per, Dok Akad SSSR, Vol 175, No 6,
Aug 1967, pp 1389-1391.

C-

Jul 67

270,312

Electron Paramagnetic Resonance in Solutions
of Oxidized Sarcolysin and Other Antitumor
Preparations, by B. N. Kozyrev, A. I. Rivkind.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 175, No 6,
Aug 1967, pp 1396-1399.

CB

Jul 68

361,059

Photoreduction of Analogs of Chlorophyll in
Acid Media, by A. V. Umrikhina, G. A. Yusapova.
RUSSIA, per, Dok Ak Nauk SSSR, Vol 175, no 6,
Aug 1967, pp 1400-1403.

CE

Jul 68

361,060

Regulation of Pyruvate Oxidase Activity by
Fructose 1,6-Diphosphate in Developing Embryos,
by Yu. G. Yurovitskii, L. S. Kil'man.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 175, No 6,
Aug 1967, pp 1404-1406.

CS

Jul 68

361,361

Transformation of Xanthophylls in the Process of
Plastid Formation During Greening of Phaseolus
vulgaris, by O. F. Popova, Z. M. Eidel'man.
RUSSIA, per, Dok Ak Nauk SSSR, Vol 175, No 6,
Aug 1967, pp 1407-1409.

C.I.

Jul 68

360,445

The Effect of Na_2SO_4 on the Distribution of
Organic Sulfur in Fractions from Mustard Plants,
by N. I. Shevyakova, T. G. Leonova.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 175, No 6,
Aug 1967, pp 1410-1413.

C2

Jul 88

360,446

Comparison of Auditory System Characteristics in
Vespertilionid and Rhinolophid Bats (Electro-
physiological Observations), by A. G. Vasil'ev.
RUSSIA, per, Dok Ak Nauk SSSR, Vol. 175, No 6,
Aug 1967, pp 1414-1417.

SI

Jul 21

360,325

Comparative Study of the Sensitivity of echo-
location in Rats, by A. I. Konstantinov
P. V. Sokolov.
RUSSIAN, per, Dok Akad SSSR, Vol 125, No 4,
Aug 1967, pp 1418-1421.

CU

JUL 17 2003

340,324

Branching of Periodic Solutions of Autonomous
Systems and of Differential Equations in
Banach Spaces, by P. G. Aizengendler,
M. M. Vainberg.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176,
No 1, 1967, pp 9-12.
Am Math Soc
Vol 8, No 5, 1967

Nov 68

354,251

Problem E for a Certain Class of Degenerating
Nonlinear Elliptic Equations, by M. I. Aliev.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176,
No 1, 1967, pp 13-15.
Am Math Soc
Vol 8, No 5, 1967

354,252

Nov 68

An Integral of Temljakov Type and its Limit
Values, by V. I. Bogenov, G. L. Lukankin.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176,
No 1, 1967, pp 16-19.

Am Math Soc
Vol 8, No 5, 1967

Nov 68

354,253

A Class of Inverse Boundary Value Problems
with Unknown Coefficients, by B. M. Budak,
A. D. Iskenderov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176,
No 1, 1967, pp 20-23.
Am Math Soc
Vol 8, No 5, 1967

Nov 68

354,254

Cohomologies of Lie Groups with Real Coefficients, by I. M. Gel'fand, D. B. Fuks.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176,
No 1, 1967, pp 24-27.
Am Math Soc
Vol 8, No 5, 1967

Nov 68

354,255

On the Construction of Difference Analogues
to Certain Boundary Value Problems, by
G. I. Gersengorn.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176,
No 1, 1967, pp 28-30.
Am Math Soc
Vol 8, No 5, 1967

Nov 68

354,256

Homeomorphism of Quasiconformal Space Mappings,
by V. A. Zoric.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176,
No 1, 1967, pp 31-34.

Am Math Soc

Vol 8, No 5, 1967

Nov 68

354,257

Uniform Convergence of Fourier Series in
Jacobi Polynomials, by A. V. Zorscikov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176,
No 1, 1967, pp 35-38.
Am Math Soc
Vol 8, No 5, 1967

Nov 68

354,258

$t(x, y)$ -Quasiconformal Maps with Two Triples
of Characteristics, by G. A. Kuzik.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176,
No 1, 1967, pp 39-42.
Am Math Soc
Vol 8, No 5, 1967

Nov 68

354,259

A Contribution to the Metric Theory of Linear
Diophantine Approximations, by V. G. Sprindzuk.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176,
No 1, 1967, pp 43-45.
Am Math Soc
Vol 8, No 5, 1967

Nov 68

354,260

Nonlinear Abstract Hyperbolic Equations, by
S. Ja. Jakubov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176,
No 1, 1967, pp 46-49.
Am Math Soc
Vol 8, No 5, 1967

Nov 68

354,261

Long-Time Behavior of the Solution of the
Cauchy-Poisson Problem, by E. K. Isakova,
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 1,
Sep 1967, pp 50-52.
Am Inst Phys
Vol 12, No 9, Mar 1968

Apr 68

352,126

Fundamental Boundary Value Problems in Poten-
tial Theory for a Space with an Elliptic Slot.
The Pressure Due to an Elliptic Die on an Elastic
Half-Space, by N. D. Martynenko.
RUSSIAN, per. Dok Ak Nauk SSSR, Vol 176, No 1,
Sep 1967, pp 53-55.
Am Inst Phys
Vol 12, No 9, Mar 1968

Apr 68

352.146

Determination of the Type of A Space According
to Petrov's Classification, by R. I. Khrapko.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 1,
Sep 1967, pp 56-57.
Am Inst Phys
Vol 12, No 9, Mar 1968

Apr 68

352,123

Propagation of Wave Beams in Nonlinear Media,
by N. N. Lugovoi.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 1,
Sep 1967, pp 58-61.
Am Inst Phys
Vol 12, No 9, Mar 1968

Apr 1968

352,130

Study of Solid Solutions in the HgTe-HgS and
HgSe-HgS Systems, by F. F. Kharakhorin, V. M.
Petrov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 1,
Sep 1967, pp 62-65.
Am Inst Phys
Vol 12, No 9, Mar 1968

Apr 68

352,131

The Nature of the Deformation of Inorganic Glasses
during Microindentation, by G. N. Bartenev and
D. S. Sanditov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 1,
Sep 1967, pp 66-69.
Am Inst Phys
Vol 12, No 9, Mar 1968

Apr 68

352,133

Development of Dislocation Arrays in Surface
Layers of Metals under Certain Types of Load-
ing, by B. I. Kostetskii and V. V. Shevelya.
RUSSIA, per, Dok Ak Nauk SSSR, Vol 176, No 1,
Sep 1967, pp 70-72.
Am Inst Phys
Vol 12, No 9, Mar 1968

Apr 68

352,139

Deformation of Brittle Porous Materials under
Compressive Stress in a Compression Apparatus,
by I. I. Cherkasov and Kh. Ibragimov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 1,
Sep 1967, pp 73-75.
Am Inst Phys
Vol 12, No 9, Mar 1968

Apr 68

352,140

Reactivity of Chemisorbed Molecules
and Electronic Processes in a Semi-
conductor, by V. F. Kiselev.
RUSSIAN, per, Akademika iauk SSSR.
Doklady, Vol 176, 1967, pp 124-127. 24/
TIC 72-10906-27D
CB

May 70

Sequence of the Formation of New Phases and
Disperse Structures by Double Hydrosilicates
of Calcium and Sodium in Aqueous Suspensions,
by G. I. Luk'yanova & I. Yu. Uvarova.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 1,
1967, pp 128-131.
CB

June 68

359,363

Radiothermoluminescence and Crystallinity of an
Organic Substance, by V. G. Nikol'skii,
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 1,
1967, pp 132-134.

CE

June 68

359,364

Mechanism of the Spectral Sensitization of the Internal Photoelectric Effect in Zinc Oxide by the Use of Dyes, by Yu. D. Pimenov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 1,
1967, pp 135-138.

CB

June 68

359,365

Role of Secondary Structural Formations in
Heterogeneous Polymerization of Metacrylic Acid,
by V. Z. Pogorelko & A. V. Ryabov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 1,
1967, pp 139-142.

CB

June 65

359,366

Transformations of Fibrous Calcium Hydrosilicates of the CSH(B) Group on Autoclaving Silicate Concrete, by P. P. Budnikov and L. A. Kroichuk
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 1,
Sept 1967, pp 147-149.
CB

Aug 63

362,057

Stationary Systems of Reactors with a Granular Catalyst Bed, by V. G. Levich and L. M. Pis'men, RUSSIAN, per, Dok Ak Nauk SSSR, Vol 175, No 1, Sept 1967, pp 150-153.

CB

Aug 68

362,058

Reaction of A⁺ - Neurosecretory Calls of the
Silkworm Larvae to Starvation During the Period
of Facultative Feeding, by A. A. Panov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 1,
Sept 1967, pp 195-201.

CE

Jul 65

360,325

Antimutagenic Activity of Paraquat, by
U. K. Alekperov & A. F. Kolomnets.
RUSSIA, per, Dok Ak Nauk SSSR, Vol 176, No 1,
Sept 1967, pp 199-201.

CB

Jul 68

360, 344

Electron Microscope Study of Ovules of Inbred
Maize Lines with Different Types of Cytoplasm,
by A. ... Palilova & N. V. Turbin.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 1,
Sept 1967, pp 202-204.

C5

Jul 68

360,345

Annual Autotrophic Production of Phytoplankton
in Lake Baikal, by K. K. Votintsev &

G. I. Popovskaya.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 1,
Sept 1967, pp 205-206.

Cs

Jul 68

360,357

Incorporation of Radioactive Amino Acids into
the α - and β - Polypeptide Chains of Hemoglobin
in Systems of Differing Degrees of Complexity,
by A. G. Kritsman, Yu. N. Surnin.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 1,
Sept 1967, pp 212-215.

C.

Jul 68

361,062

Effect of Auxin on the Growth of Discs Cut
from Collard Leaves and on Their Content of
Nucleic Acids, by V. V. Polevoi, B. G. Naksimov
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 1,
Sept 1967, pp 216-219.

CB

Aug 63

362,076

Effect of Gibberellin on the Process of Photo-synthetic Phosphorylation in Isolated Chloroplasts, by N. I. Yakushkina and G. S. Erdeli, RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 1, Sept 1967, pp 220-221.

CB

362,077

Aug 68

Types of Female Genitalia and Heterogeneity in
the Genus Calanus (Copepoda), by K. A. Brodskii.
RUSSIA., per, Dok Ak Nauk SSSR, Vol 176, No 1,
Sept 1967, pp 222-225.

CB

Jul 66

360,360

Critical Periods in Macrochaete Development in
the Life-Cycle of *Drosophila melanogaster*, by
P. G. Svetlov & G. F. Korsakova.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 1,
Sept 1967, pp 226-229.
CB

Jul 68

360,339

Differentiation of Hemocytes in the Embryonic Development of Burygaster integriceps Put, by E. N. Polivanova.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 1, Sept 1967, pp 230-232.

CB

Jul 68

360, 334

Investigation of Interpolation Processes
Constructed with an Extended System of
Cebyshev Nodes, by D. L. Berman.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176,
No 2, 1967, pp 239-242.
Am Math Soc
Vol 8, No 5, 1967

Nov 68

354,262

The Category of Harish-Chandra Modules Over
the Lie Algebra of the Lorentz Group, by
I. M. Gel'fand, V. A. Ponomarev.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176,
No 2, 1967, pp 243-246.

Am Math Soc

Vol 8, No 5, 1967

Nov 68

354,263

Difference Schemes with a Splitting Operator
for Systems of Equations of the Form
 $L_0 \frac{u}{t} + L_1 u = f$, by E. G. D'yakonov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176,
No 2, 1967, pp 247-250.
Am Math Soc
Vol 8, No 5, 1967

Nov 68

354,264

An Exceptional Case of an Integral Pair
Equation of the Convolution Type, by
V. B. Dybin.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176,
No 2, 1967, pp 251-254.
Am Math Soc
Vol 8, No 5, 1967

Nov 68

354,265

A Method for Investigating Nonregular Wave-
guides with Impedance Conditions at the
Boundary, by A. S. Il'inskii, A. G. Svesnikov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176,
No 2, 1967, pp 255-258.
Am Math Soc
Vol 8, No 5, 1967

Nov 68

354,266

Regularized Sums of Zeros for a Class of
Entire Functions, by V. B. Lidskii,
V. A. Sadovnicii.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176,
No 2, 1967, pp 259-262.

Am Math Soc

Vol 8, No 5, 1967

Nov 68

354,267

Some Multidimensional Integral Operators with
Homogeneous Kernels, by L. G. Mihailov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176,
No 2, 1967, pp 263-265.
Am Math Soc
Vol 8, No 5, 1967

Nov 68

354,268

Refinement of a Theorem of Bass, by
L. A. Nazarova, A. V. Roiter.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176,
No 2, 1967, pp 266-268.
Am Math Soc
Vol 8, No 5, 1967

Nov 68

354,269

Integral Geometry in Euclidean Space and its
Connection with Boundary Value Problems, by
V. I. Semjanisty, Z. F. Sibasova.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176,
No 2, 1967, pp 269-272.
Am Math Soc
Vol 8, No 5, 1967

Nov 68

354,270

Some Remarks on the Duality of Functors in
a Category of Abelian Groups, by D. B. Fuks.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176,
No 2, 1967, pp 273-276.
Am Math Soc
Vol 8, No 5, 1967

Nov 68

354,271

Modifying Functions of Several Variables
Defined on the Torus, by G. M. Cernomasençev.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176,
No 2, 1967, pp 277-278.
Am Math Soc
Vol 8, No 5, 1967

Nov 68

354,272

Nonlocal Solvability of Boundary Value Problems
for Quasilinear Partial Differential Equations
of Hyperbolic Type, by S. Ja. Jakubov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176,
No 2, 1967, pp 279-282.
Am Math Soc
Vol 8, No 5, 1967

Nov 68

354,273

The Theory of Constructing Models of Continuous
Media, by V. A. Zhelnorovich.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 2,
Sep 1967, pp 283-286.
Am Inst Phys
Vol 12, No 9, Mar 1968

Apr 68

352,129

Calculation of the Flow in a Laval Nozzle,
by U. G. Pirumov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, no 2,
Sep 1967, pp 287-290.
Am Inst Phys
Vol 12, No 9, Mar 1968

Apr 68

352,127

The Lithium Content of T Tauri Stars and Cosmic
Rays, by G. A. Gurzadyan.
RUSSIA, per, Dok Ak Nauk SSSR, Vol 176, No 2,
Sep 1967, pp 291-294.
Am Inst Phys
Vol 12, No 9, Mar 1968

Apr 68

352,124

Calculation of the Elastic Constants of Quasi-isotropic Polycrystalline Materials, by K. S. Aleksandrov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 2, Sep 1967, pp 295-297.

Am Inst Phys
Vol 12, No 9, Mar 1968

Apr 1968

352,132

On Current Divergences, by L. Enkovski, V. V.
Aukhtin.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 2,
Sep 1967, pp 298-300.
Am Inst Phys
Vol 12, No 9, Mar 1968

Apr 68

352,133

Thermodynamic Properties of Superconductors
with Nonmagnetic Impurities. Overlap of Energy
Bands, by V. A. Moskalenko.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 2,
Sep 1967, pp 301-314.
Am Inst Phys
Vol 12, No 9, Mar 1968

Apr 68

352,134

Critical Magnetic Fields of Niobium-Titanium-Zirconium Alloys, by N. E. Alekseevskii, U. S. Ivanov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 2, Sep 1967, pp 305-307.

Am Inst Phys
Vol 12, No 9, Mar 1968

Apr 68

352,141

Measuring the Compressibility of Gases by the Displacement Method. Nitrogen Compressibility at Pressures Up to 10,000 atm and Temperatures to 400°, by D. S. Tsiklis and E. V. Polyakov. RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 2, Sep 1967, pp 308-311.
Am Inst Phys
Vol 12, No 9, Mar 1968

Apr 68

352,142

Mechanism of High-Temperature Creep of Metals
with High Stacking-Fault Energy, by V. A.
Yanushkevich and L. I. Ivanov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 2,
Sep 1967, pp 312-314.
Am Inst Phys
Vol 12, No 9, Mar 1968

Apr 68

352,143

Analogies Between the Diffusion Theory of
Polymer Adhesion and the Theory of the Diffusion
Welding of Metals, by S. S. Voyutskii &
V. G. Raevskii.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 2,
1967, pp 360-361.
CB

June 68

359,368

Resonance Absorption of γ - Quanta with an Energy
of 23.8 keV by Impurity ^{119}Sn Nuclei in Ferrite
Spinels in the Range of Temperatures Above the
Curie Temperature, by P. L. Gruzin & G. N. Shlokov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 2,
1967, pp 362-364.

CB

June 68

359,369

Electrification of Crystals of Semiconducting Compounds of the Type A_{III}B_{VI} and A_{III}B_V After the Action of Pulses of Light from an Optical Quantum Generator, by B. A. Krasyuk & T. S. Stepanova.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, № 2, 1967, pp 365-367.
CB

June 68

359,370

Photochemical Reactions of Nucleophilic Substitution in the Aromatic Ring, by M. G. Kuz'min
& Yu. A. Mikheev.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 2,
1967, pp 368-370.
CB

June 68

359,371

Theory of Homogeneous-Heterogeneous Branch
Chain Reactions in a Flow, by V. G. Levich &
A. M. Brodskii.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol. 176, No 2,
1967, pp 371-373.
CB

June 68

359,372

Determination of the Thermal Diffusion Constant
of a Mixture of Vapors of Zirconium and Hafnium
Tetrachlorides, by L. N. Komissarova &
V. I. Tsirel'nikov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 2,
1967, pp 374-377.
CB

June 68

359,373

Rheological and Dielectric Properties of Dilatant
and Thixotropic Systems, by A. A. Trapeznikov
& G. G. Petrzhik.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 2,
1967, pp 378-381.

Cp

June 68

359,374

Fluctuations in the Orientation Order in the Amorphous Phase of Liquid Crystals and their Electro-Optical Properties, by V. N. Tsvetkov & E. I. Ryunitsev.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 2, 1967, pp 382-384.

CB

June 68

359,375

The Mechanism of Cross-Linking by Filler and
Pigment Particles in Polymeric Media, by
E. D. Yakhnin & Yu. V. Egorova.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 2,
1967, pp 385-387.

CB

June 68

359,376

Principles of the Oxidation of Calcium Sulfide
in a Mass of Anhydrite, by P. P. Budnikov
and V. Ya. Akodus
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 17^o, No 2,
Sept 1967, pp 388-391.
CE

Aug 68

362,059

Interaction of Oleic Acid with the Basic
Component of Cement Stone, by G. D. Dil'rov
and S. S. Trofimova
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 178, No 2,
Sept 1967, pp 392-394.
CB

Aug 68

362,060