

Water Regime of Woody Plants Under the Action of
Various Concentrations of Carbon Dioxide Around
the Roots, by A. V. Veretennikov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 4,
June 1967, pp 982-985.

CB

Jul 68

360,428

Mechanism of Interconversions of Exogenous
Carotenoids in Chlorella, by V. S. Saakov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 4,
June 1967, pp 978-981.
CB

Jul 68

360,541

Comparative Study of the Antigenic Composition
of Denervated and Normal Liver, by D. S. Tesler.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 173, No 4,
Apr 1967, pp 978-980.
CB

Jul 68

360,236

Protein Fractions of the Diploid and Tetraploid
Willow Grass and their Aminoacid Composition, by
E. A. Zhebrak, V. A. Shirshov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 4,
June 1967, pp 975-977.
CB

Jul 68

360,540

Prevention of Hibernation of the Shield-Bug
Perillus bioculatus (Heteroptera, Pentatomidae)
by Artificially Extending Day Length, by
E. M. Shagov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 4,
June 1967, pp 965-968.
CB

Jul 68

360,249

Structure and Histofunctional Indices of the
Mink Adrenal Cortex, by P. M. Torgun.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 4,
June 1967, pp 961-964.
CB

Jul 68

360,257

Time of RNA Synthesis During Meiosis, by
M. A. Monakhova & Z. I. Sukhova,
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 4,
June 1967, pp 957-960.
CB

Jul 68

360,246

Relics of Syphoneae in Lower Cambrian of the
Tannuola Mountains, Tuva, by A. G. Vologdin.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 4,
1967, pp 952-955.
Am Geological Inst.

May 68

356,892

Distribution of Clay Minerals and Trace Elements
in Clay Fractions of Neocomian Rocks of the West
Surgut Oil Field (Western Siberia), by
G. E. Prozorovich.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 4,
1967, pp 948-951.
Am Geological Inst.

May 68

356,888

Formation of Authigenic Clays in Aquatoria of
Arid Zones, by N. N. Perzilin & R. A. Mikheylovich.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 4,
1967, pp 945-947.
Am Geological Inst.

May 68

356,881

Caked Tuff in the Medvezh'ya Caldera, Iturup
Island, Kuriles, by V. F. Ostapenko.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 4,
1967, pp 941-944.
Am Geological Inst.

May 68

356,877

New Data on the Age of the Ultrabasic-Alkalic
Complex of the Vitim Plateau, by G. V. Andreyev
& A. O. Sharakhshinov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 4,
1967, pp 937-940.
Am Geological Inst.

May 68

356,876

Use of Solid Solution Superstructures for Creating
Efficient Mineralogical Thermometers and Barometers,
by L. L. Ferchuk,
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 4,
1967, pp 934-936.
Am Geological Inst.

May 68

356,869

New Laws for Graphic Quartz-Feldspar Inter-
growths, by I. T. Bakumenko.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 4,
1967, pp 930-933.
Am Geological Inst.

May 68

356,868

New Data on Structure of the Intermediate (2nd
Structural) Stage of the Western Siberian Plate,
by E. E. Potiadi.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 4,
1967, pp 927-929.
Am Geological Inst.

May 68

356,844

New Data on Relationships Between the Paleocucurintan
and the Uzunlarian Terraces on Caucasian Shores
of the Black Sea, by P. V. Fedorov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 4,
1967, pp 924-926.
Am Geological Inst.

May 68

356,843

Metamorphosed Bauxite Pebbles in Conglomerate
Among Precambrian Schists of the Kokchetav
Massif (Central Kazakhstan), by O. K. Rozen.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 4,
1967, pp 921-923.
Am Geological Inst.

May 68

356,842

Overthrust Blankets of the Northwest Baikal
Region, by Yu. P. Popov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 4,
1967, pp 917-920.
Am Geological Inst.

May 68

356,841

The Problem of Central Asian Loesses, by
A. A. Lazarenko.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 4,
1967, pp 913-916.
Am Geological Inst.

lay 80

356,840

Geology of the Bol'shoy Ik Basin, Southern
Urals, by N. A. Kamaletdinov & R. A. Kamaletdinov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 4,
1967, pp 909-912.
Am Geological Inst.

May 68

356,832

Kinetics of the High-Temperature Chlorination of
Zinc and Copper Oxides and Sulfides, by
M. B. Fialko, A. I. Okunev.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 4,
June 1967, pp 900-903.
C3

Jul 68

360,471

Direct Method for Determination of Longitudinal
Mixing in Packed Layers, by V. V. Kafarov,
V. V. Shestopalov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 4,
June 1967, pp 897-899.
CB

Jul 68

360,470

A Quantative Characteristic of the Validity
of Chemical Reaction Mechanisms, A. M. Broks
Brodskii, I. V. Giranov, E. I. Feigin.
RUSSIAN, per, Akademiya Nauk SSSR Doklady,
Vol 174, No 4, 1967, pp. 865-8
NTC 69-10714-07D

Sci-Chem
July 69

386,728

Higher Order Scattering in the Twilight Sky
Zenith, by V. G. Fesenkov.
RUSSIAN, per, Doklady Ak Nauk SSSR, Geofizika,
Vol CLXXIV, No 4, 1967, pp 833-834. P910254467
NASA ST-AA-AI-10631

AM GEOLOGICAL INST.

Sci-Astro
Aug 67

335,515

Frequency-Intensity Maps of Seismic Tremors,
by Yu. V. Riznichenko & A. I. Zakharova.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 4,
1967, pp 830-832.
Am Geological Inst.

May 68

356,822

Simultaneous Appearance of Po-1 Micropulsation
bursts at Conjugate Points, by M. Gokhberg &
R. Gendrin.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 4,
1967, pp 828-829.

Am Geological Inst.

NTC 73-12641-040

May 68

356,821

Allowance for Nonideal Contact in Laser Welding
of Different Materials, by N. N. Rykalin & A. A.
Uglov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 4,
June 1967, pp 824-827.

Am Inst Phys

Vol 12, No 6, Dec 1967

Feb 68

349,417

Study of Etch Figures on Cadmium Single Crystals,
by Yu. P. Pshenichnov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 4,
June 1967, pp 821-823.

Am Inst Phys

Vol 12, No 6, Dec 1967

Feb 68

349,416

Magnetic Moments and Ionic Charges of Components
of Binary Alloys of Metals of the Iron Group.
Strongly Nonideal Solid Solutions, by B. G.
Lyashchenko.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 4,
June 1967, pp 817-820.

Am Inst Phys

Vol 12, No 6, Dec 1967

Feb 68

349,415

Distribution of Impurities in Oxygen-Blown Metal,
by N. P. Levenets & G. A. Lopukhov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 4,
June 1967, pp 814-816.
Am Inst Phys
Vol 12, No 6, Dec 1967

Feb 68

349,414

Characteristics of the Polymorphic Transformation
in Iron Containing Small Amounts of Carbon, by
L. I. Kogan & G. A. Faivilevich.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 4,
June 1967, pp 811-813.
Am Inst Phys
Vol 12, No 6, Dec 1967

Feb 68

349,413

Effect of Magnetic Transformations on the Shape
of the Angular Distribution of Quanta from
Positron-Electron Annihilation in Ferromagnetic
Materials, by I. Ya. Dekhtyar & V. S. Mikhalev.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 4,
June 1967, pp 803-806.
Am Inst Phys
Vol 12, No 6, Dec 1967

Feb 68

349,411

Structure of Glass Fibers, by G. M. Bartanev &
R. G. Chernyakov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 4,
June 1967, pp 800-802.

Am Inst Phys

Vol 12, No 6, Dec 1967

Feb 68

349,410

Frequency Spectrum of Silicon Lattice Vibrations,
by N. N. Sirota & T. D. Sokolovskii.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 4,
June 1967, pp 797-799.
Am Inst Phys
Vol 12, No 6, Dec 1967

Feb 68

349,398

The Electrical Discharge as a Converter of
Electrical Energy into Mechanical Energy, by
V. V. Rzhevskii & N. I. Andrienko.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 4,
June 1967, pp 795-796.
Am Inst Phys
Vol 12, No 6, Dec 1967

Feb 68

349,397

Acoustoelectric Effect in CdSe Under Constant
Amplification of Ultrasound by Electron Flow, by
V. I. Pustovoi & V. I. Baibakov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 4,
June 1967, pp 791-794.
Am Inst Phys
Vol 12, No 6, Dec 1967

Feb 68

349,396

Cooperative Luminescence Sensitization of Silver-Halide Salts and Spectral Sensitization of Photographic Emulsions, by V. V. Ovsyankin & P. P. Feofilov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 4, June 1967, pp 787-790.

Am Inst Phys

Vol 12, No 6, Dec 1967

Feb 68

349,395

Group Theoretical Classification of the States
of Pairs and Complexes of Paramagnetic Impurity
Ions in Crystals, by S. V. Vonsovskii & V. I.
Cherepanov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 4,
June 1967, pp 783-786.

Am Inst Phys
Vol 12, No 6, Dec 1967

Feb 68

349,394

Explosive Generators, by E. I. Bichenkov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 4,
June 1967, pp 779-782.
Am Inst Phys
Vol 12, No 6, Dec 1967

ACC - GRL - TR - 100-30

Feb 68

349,393

The Equations of Electrodynamics for Anisotropic
Media, by D. N. Chetaev.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 4,
June 1967, pp 775-778.
Am Inst Phys
Vol 12, No 6, Dec 1967

Feb 68

349,389

Thirring Four-Fermion Model and Perturbation Theory,
by A. V. Astakhov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 4,
June 1967, pp 771-774.

Am Inst Phys

Vol 12, No 6, Dec 1967

Feb 68

349,388

On the Regions of Impossibility of Motions in the
Problem of Three Bodies, by V. G. Golubeyev,
RUSSIAN, per, Doklady Ak Nauk SSSR, Astronomiya,
Vol CLXXIV, No 4, 1967, pp 767-770. P910254567
NASA ST-CN-10632

Sci-Astro
Aug 67

335,516

Regions Where Motion is Impossible in the Three-
Body Problem, by V. G. Golubev.
RUSSIAN, per, Doklady Akademii Nauk SSSR, Vol 174,
No 4, June 1967, pp 767-770.
Am Inst Phys
Vol 12, No 6, Dec 1967
NTC 72-12864-03B

Feb 68

349,380

Motion of Particles Suspended in Turbulent Flow,
by V. G. Levich & S. I. Kuchanov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 4,
June 1967, pp 763-766.
Am Inst Phys
Vol 12, No 6, Dec 1967

Feb 68

349,386

A Model for Continuous Media, by V. F. D'yachenko.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 4,
June 1967, pp 760-762.
Am Inst Phys
Vol 12, No 6, Dec 1967

Feb 68

349,385

Θ -Spaces and Perfect Irreducible Mappings of
Topological Spaces, by V. Fedorcuk.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174,
No 4, 1967, pp 757-759.
Am Math Soc
Vol 8, No 3, 1967

Nov 68

354,165

A Mathematical Production Model, by
A. M. Rubinov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174,
No 4, 1967, pp 754-756.
Am Math Soc
Vol 8, No 3, 1967

Nov 68

354,164

A Class of Lattices with Operators, and a New
Characterization of the Positive Part of a
K-Space, by M. G. Rabinovic.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174,
No 4, 1967, pp 751-753.
Am Math Soc
Vol 8, No 3, 1967

Nov 68

354,163

The Existence of a Convex Hypersurface with
a Given Relation for its Curvature Functions,
by A. V. Pogorelov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174,
No 4, 1967, pp 749-750.

Am Math Soc

Vol 8, No 3, 1967

Nov 68

354,162

Iterative Solution of Problems of Linear and
Quadratic Programming, by I. I. Dikin.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174,
No 4, 1967, pp 747-748.
Am Math Soc
Vol 8, No 3, 1967

Nov 68

354,161

Perturbation of Homomorphisms by Operators
of Finite Rank, by M. A. Gol'dman,
S. N. Krackovskii.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174,
No 4, 1967, pp 743-746.
Am Math Soc
Vol 8, No 3, 1967

Nov 68

370,460

Larval Development of *Spiochaetopterus typicus* M.
Sars (Polychaeta, Chaetopteridae) from the
Barents Sea and Taxonomy of the Family Chaetopteridae
and the Order Spiomorpha, by S. A. Mileikovskii.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 3,
May 1967, pp 733-736.
CE

Jul 68

360,283

Division and Extension of Cells in a Tobacco
Tissue Culture, by K. Z. Gamburg, N. N. Varakina.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 3,
May 1967, pp 729-732.
CB

Jul 68

360,427

Infrared Spectra of Some N-Arylglycosylamines,
by V. D. Shcherbukhin, B. N. Stepanenko.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 3,
May 1967, pp 725-728.
CB

Jul 68

360,539

Secondary Structure of Nucleotido-(P-H)-Amino
Acids (Peptides), by N. I. Sokolova,
Z. Stumbravichute.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 3,
May 1967, pp 722-724.
CE

Jul 68

360,538

Dimerization of Phosphorylase b, by
G. V. Silonova, N. P. Lisovskaya.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 3,
May 1967, pp 718-721.
CB

Jul 68

360,537

Examination of the Ribosomes of Chloroplasts
and of the Cytoplasm of Pea Seedlings in a
Cesium Chloride Density Gradient, by
E. N. Svetailo, I. I. Filippovich.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 3,
May 1967, pp 714-717.
CE

Jul 68

360,536

Effect of Ultraviolet Irradiation on Solutions
of Enzymes at Low Temperatures, by G. S. Komolova,
E. V. Velikova.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 3,
May 1967, pp 711-713.
CB

Jul 68

360,535

Separation of Large Blocks of sRNA Nucleotides
by Means of Ion-Exchange Chromatography, by
V. D. Aksel'rod, I. I. Fodor.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 3,
May 1967, pp 707-710.
CB

Jul 68

360,534

... of the Lymphoid Cells of the Immunized
Animal Producing Specific (Antibodies) and
Nonspecific Immune Globulins to a Particular
Antigen, by K. A. Lebedev & V. Ya. Ganina.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 3,
May 1967, pp 704-706.
CE

Jul 68

360,260

Localization of Phosphatase in the Cells of
Clostridium perfringens, by A. I. Kachelkina &
V. M. Kushnarev.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 3,
May 1967, pp 700-703.

CE

Jul 68

360,265

Study of Butyric Acid Fermentation in Relations
to Phosphorus Metabolism, by N. M. Kalinina &
L. G. Azova.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 3,
May 1967, pp 697-699.
CB

Jul 68

360,264

Structural Changes in Myofibrils Caused by the
Dye Congo Red, by L. G. Filatova & I. G. Shtrankfeld.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 3,
May 1967, pp 695-696.
CE

Jul 68

360,245

Differences in the Character of Loess and Loess-
Like Rocks on Lowlands and Highlands of the
Russian Plain, by N. P. Lysenko.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 3,
1967, pp 690-693.
Am Geological Inst.

May 68

356,880

Epigenetic Alterations of Terrigenous Rocks in
the Upper Jurassic Productive Horizon of the
Trekhozernoye Oil Field, by R. S. Sakhibgareyev
& R. A. Abdullin.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 3,
1967, pp 687-689.
Am Geological Inst.

May 68

356,875

Hydrothermal Alteration of Diabases and Formation
of Mercury Ores (The Makratela Ore-Show, Abkhazia),
by G. A. Menyaylova.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 3,
1967, pp 683-686.
Am Geological Inst.

May 68

356,874

The First Discovery of Bonchevite in the USSR,
by G. M. Mechelyustov & V. S. Lebedev.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 3,
1967, pp 679-682.
Am Geological Inst.

May 68

356,867

Benjaminite, $(\text{Cu}, \text{Ag})_2\text{Pb}_2\text{Bi}_4\text{S}_9$, by E. F. Mintser.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 3,
1967, pp 675-678.
Am Geological Inst.

May 68

356,866

Recent Formation of Alunite in the Kipyashcheye
("Boiling") Crater Lake, Golovnin Volcano,
Kunashir Island, by A. V. Zotov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 3,
1967, pp 671-674.
Am Geological Inst.

May 68

356,865

Crystal Structure of Ca-Zeolite-Laumontite
(Leonhardite) $\text{CaAl}_2\text{Si}_4\text{O}_{12} \cdot n\text{H}_2\text{O}$ ($2 \leq n \leq 4$), by
S. T. Androv & V. V. Ilyukhin.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 3,
1967, pp 667-670.
Am Geological Inst.

May 68

356, 864

Section Types of the Yudoma Suite, Southeastern
Siberia, by M. A. Semikhatov & Vl. A. Komar.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 3,
1967, pp 663-666.
Am Geological Inst.

May 68

356,538

Magmatic Formations in the Graben-Shaped Pripyat'-
Dnieper-Donets Downwarp, by V. I. Lebedinskiy.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 3,
1967, pp 659-662.
Am Geological Inst.

May 68

356,837

Annular Ruptures in the Middle of the Siberian
Platform, by Yu. S. Vyzovov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 3,
1967, pp 655-658.

Am Geological Inst.

May 68

356,836

Lateral Diffusion in a Granular Bed, by
L. M. Pis'men, S. I. Kuchanov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 3,
May 1967, pp 650-653.
CB

Jul 68

360,469

Novel Method of Determining the Stationary
Degree of Separation in Column Type Apparatus
from Kinetic Data, by N. M. Zhavoronkov,
L. P. Kholpanov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 3,
May 1967, pp 646-649.

CB

Jul 68

360,468

Possibilities of Strengthening Glass-Crystalline
Materials, by I. A. Boguslavskii,
M. Ya. Markelova.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 3,
May 1967, pp 642-645.
CB

Jul 68

360,467

Selective Inhibition of Nonspecific Choline-
sterase by Some O, O-Diethyl-S-Alkylthiophos-
phates, by N. N. Golovnikov, Ye. I. Godyna,
M. I. Kabachnik, V. I. Rozengart, and V. G.
Shmeleva, 5 pp.

RUSSIAN, per, Doklady Akademii Nauk SSSR, Vol.
174, No. 3, 1967, pp. 603-605.

JPRS 42276

JPRS 42838

USSR

Sci-Chem

Sept 67

339,353

Nature of Optical Inhomogeneities in Quartz
Crystals, by G. V. Kleshchev, I. V. Kabanovich.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 3,
May 1967, pp 585-586.
Am Inst Phys
Vol 12, No 5, No v1967

Nov 67

345,436

Investigation of Meter Radio-Wave Reflections by
the Moon's Surface, by O. L. Yakovlev &
A. I. Yefimov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 3,
1967, pp 583-584.

Am Geological Inst.

77 C 72-128 70-03/3

May 68

356,820

Experimental Data Disputing the Hypothesis of
the Earth's Dust Cloud, by B. P. Konstantinov
& M. M. Bredov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 3,
1967, pp 580-582.
Am Geological Inst.

May 68

356,819

Polarization of the Pc-1 Type (The Pearls) of
Hydromagnetic Oscillations at Magnetically
Conjugate Points: Sogra, USSR and Kerguelen,
France, by M. Gochberg & R. Gendrin.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 3,
1967, pp 576-579.
An Geological Inst.

May 68

356,818

Kinetics of Fracture Under Biaxial Stress, by
Ya. B. Fridman, T. K. Zilova.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 3,
May 1967, pp 572-575.
Am Inst Phys
Vol 12, No 5, Nov 1967

Nov 67

345,473

Superconducting Properties of Vanadium--Niobium
Alloys, by N. N. Sirota and E. A. Ovseichuk.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 3,
May 1967, pp 570-571.
Am Inst Phys
Vol 12, No 5, Nov 1967

Nov 67

345,472

Reaction Zone Temperature During the Scavenging
of Iron Melts by Gas--Oxygen Mixtures and by Air,
by N. P. Levenets, G. A. Lopukhov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 3,
May 1967, pp 566-569.

Am Inst Phys

Vol 12, No 5, Nov 1967

Nov 67

345,471

Operational Method of Determining Certain Integral Characteristics of Nonstationary Transport Processes in Active Media, by V. K. Egerev.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 3, May 1967, pp 564-565.
Am Inst Phys
Vol 12, No 5, Nov 1967

Nov 67

345,464

Relation of the Bohm Criterion to Ambipolar Sound
Generation in Positive-Column Gas Discharge Plasmas,
by V. V. Vladimirov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 3,
May 1967, pp 560-563.
Am Inst Phys
Vol 12, No 5, Nov 1967

Nov 67

345,463

Interaction of Ultrasonic Surface and Volume
Waves with Conduction Electrons in a CdS Crystal,
by I. A. Viktorov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 3,
May 1967, pp 556-559.

Am Inst Phys

Vol 12, No 5, Nov 1967

Nov 67

345,462

Identification of Etch Figures on Tracks of Fission
Fragments in Ionic Crystals, by I. G. Berzina
and I. B. Berman.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 3,
May 1967, pp 553-555.

Am Inst Phys

Vol 12, No 5, Nov 1967

Nov 67

345,461

Electron Paramagnetic Resonance of Rare-Earth
Elements in Glasses, by T. S. Al'tshuler.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 3,
May 1967, pp 549-552.
Am Inst Phys
Vol 12, No 5, Nov 1967

Nov 67

345,460

Anomalous Photovoltaic Effect in Monochromatic
Light, by E. I. Adirovich, V. M. Rubinov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 2,
May 1967, pp 545-548.
Am Inst Phys
Vol 12, No 5, Nov 1967

Nov 67

345,459

Rectilinear Motion of a Perfectly Plastic Medium,
by P. P. Mosolov and V. P. Myasnikov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 3,
May 1967, pp 541-544.

Am Inst Phys

Vol 12, No 5, Nov 1967

Nov 67

345,446

Relationship Between the Radioemission Flux
From Local Sources and the Structure of Active
Regions of the Sun Observed Optically, by

A. R. Abbasov.

RUSSIAN, per, Dok Ak NaukSSSR, Vol 174, No 3,
1967, pp 538-540. *P910320767*

Sci Tech Info Facility

ST-SP-10638

Am Inst Phys
VOL 12, PP 5, 1967

Sci-Astron

Sept 67

338,715

An Extremum Problem in Thermoelasticity for an
Infinite Cylindrical Shell, by E. I. Grigolyuk,
Ya. I. Burak.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 3,
May 1967, pp 534-537.

Am Inst Phys

Vol 12, No 5, Nov 1967

Nov 67

345,474

Synthesis of a Mechanical System with Variator
in Terms of the Given Motion of One Element, by
I. I. Artobolevskii, V. A. Zinov'ev.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 3,
May 1967, pp 51-533.

Am Inst Phys

Vol 12, No 5, Nov 1967

Nov 67

345,447

Variable-Structure Automata, by G. A. Agasandyan.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 3,
May 1967, pp 529-530.
Am Inst Phys
Vol 12, No 5, Nov 1967

Nov 67

345,439

A General Existence Theorem for Closed Convex
Polyhedra, by A. V. Pogorelov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174,
No 3, 1967, pp 526-528.
Am Math Soc
Vol 8, No 3, 1967

Nov 68

370,459

A Single-Product Dynamical Model with
Instantaneous Convertibility of Funds, by
L. V. Kantorovic, I. G. Globenko.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174,
No 3, 1967, pp 522-525.
Am Math Soc
Vol 8, No 3, 1967

Nov 68

370,458

Estimates of the Rate of Convergence of
Certain Projection Methods for the Solution of
Elliptic Equations, by Ju. K. Dem'janovic.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174,
No 3, 1967, pp 518-521.
Am Math Soc
Vol 8, No 3, 1967

Nov 68

370,457

Boundedness in L_p of a Singular Operator with
Cauchy Kernel along a Curve of Bounded
Rotation, by I. I. Daniljuk, V. Ju. Selepcov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174,
No 3, 1967, pp 514-517.
Am Math Soc
Vol 8, No 3, 1967

Nov 68

370,456