

Certain Data on the History of the Development of
the Lower Permian Deposits in the Territory of
Tataria, by A. Z. Tazetdinov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 2,
1961, pp 428-431.

AGI

Sci

Nov 62

Gorbunova, L. I.
THE DISTRIBUTION OF ORGANIC MATTER IN CLAY
FRACTIONS OF DIFFERENT MINERAL COMPOSI-
TIONS. [1961] 3p.
Order from ATS \$4.00

ATS-94N52R

Trans. of Akad[emiya] Nauk SSSR, Doklady, 1961,
v. 136, no. 2, p. 432-433.

DESCRIPTORS: *Clays, *Minerals, *Organic materials.

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I. Gorbunova, L. I.
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Services, Inc.
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(Earth Sciences--Mineralogy, TT, v. 6, no. 7)

Alteration of Quartz-Porphry on Heating, by
L. I. Karyakin, A. T. Zelenskaya, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 2,
1961, pp 434-436.

AGI

Sci

Nov 62

Some Data on Magmatic Rocks of Basic and Ultrabasic Composition From the South Section of the Voronezh District, and Their Metallogenic Importance, by P. F. Sopko, V. I. Belyayev, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 2, 1961, pp 437-440.

AGI

Sci

Nov 62

The Problem of the Effect of Basin Salinity on
the Accumulation of Elements in Its Deposits, by
M. A. Glagoleva, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 2,
1961, pp 441-444.

AGI

Sci

Nov 62

New Data on the Morphology of Pleuromeia Corda From
the Lower Triassic of the Russian Platform, by
M. F. Neybury, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 2,
1961, pp 445-448.

ATS-95N52R

AGI

Sci

478/RJ-3785

Nov 62

Recent and Fossil *Macoma Baltica*(L.) on the Shore
of the Laptev Sea, by S. L. Troitskiy, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 2,
1961, pp 449-.

AGI

Sci

Nov 62

The Part Played by the Reticuloendothelial System
in the Biological Activity of Bacterial Polysaccharides
Polysaccharides, by A. I. Braude, G. E. Vaisberg,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 2,
1961, pp 453-455.

ADBS

Sci

Oct 61

LOCALIZATION AND CYTOCHEMICAL PROPERTIES
OF THE PROTEINS OF THE HAIR CELLS OF THE
ORGAN OF CORTI IN A STATE OF RELATIVE REST
AND DURING EXPOSURE TO SOUND, BY V. A.
YAKOVLEV, L. K. TITOVA, A. A. BRONSHTEIN,
5 PP.

RUSSIAN, PER, ~~DOX AL NAIK SSSR~~, VOL CXXXVI,
NO 5, 1961, PP 456-459.

AIBS

SCI

478,898

OCT 61

100-001

OVERCOMING SELF-STERILITY AND DEPRESSION OF
PROGENY DURING INBREEDING OF RYE, BY KH.
GERING, T. A. MITCHENKOVA, M. D. BARSUKOVA,
4 PP.

RUSSIAN, PER, ~~DOK~~ AK NAUK SSSR, VOL CXXXVI,
NO 2, 1961, PP 460-462.

AIBS

SCI

OCT 61

16
172,297

New Branched Subspecies of Soft Wheats, by N. V.
Tsitsin, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 2,
1961, pp 463-464.

AIBS

Sci

Oct 61

Effect of Currents on Quantitative Distribution of
Benthic Fauna in Northwest Part of Black Sea, by
N. N. Nikitin, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 2,
1961, pp 465-467.

AIBS

Sci

Oct 61

<p>Alkhanyan, S. I., Mindlin, S. Z. and others. THE PRODUCTION OF INACTIVE MUTANTS OF ACT. RIMOSUS AND THE FORMATION OF AN ANTIBIOTIC DURING THEIR MIXED CULTURE. [1961] 5p. Order from ATS \$7.00 ATS-48N50R</p> <p>Trans. of Akad[emiya] Nauk SSSR Doklady, 1961, v. 136, no. 2, p. 468-471.</p> <p>DESCRIPTORS: *Mutations, Production, *Antibiotics, Microorganisms.</p> <p><i>RUSSIAN to FRENCH</i> <i>OTS TT-62-28884</i> <i>ATS RJ-5502</i></p> <p>(Biological Sciences--Microbiology, TT, v. 6, no. 1)</p>	<p>61-22353</p> <p>I. Alkhanyan, S. I. II. Mindlin, S. Z. III. ATS-48N50R IV. Associated Technical Services, Inc., East Orange, N. J.</p> <p><i>V. 4/50</i></p> <p>161835</p> <p>Office of Technical Services</p>
---	---

Polarization of Ultraviolet Fluorescence of Hair
Keratin, by S. V. Konev, M. A. Katibnikov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 2,
1961, pp 472-475.

A-1p
Sov Phys - Dok
Vol VI, No 1

Sci

AIOS

160, 199

Jul 61

Plasma Effects in Semiconductors and Biological Effect
of Radiowaves, by D. A. Frank-Kamenetskiy, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 2,
1961, pp 476-478.

AIP
Sov Phys - Dok
Vol VI, No 1

Sci

ALBS

Jul 61

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of Tumor Cells, by V. I. Agol, N. A. Grayevskaya,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR Vol CXXXVI,
No 2, 1961, pp 479-482.

AIBS

Sci

169,925

Sep 61

Labile Phosphorus Compounds of the Myocardium of
Rabbits with Aortic Stenosis, by S. E. Severin,
3 pp.

RUSSIAN per, Dok Ak Nauk SSSR, Vol CXXXVI,
No 2, 1961, pp 483-486.

ATBS

169,927

Sci

Sep 61

On the Question of the Physiological Role of
Gibberellins in Plants, by I. V. Monolov, I. V.
Monolova, 3 pp.

RUSSIAN, for, Dokl. Akad. Nauk SSSR, Vol. CXXIV,
No 2, 1961, pp 187-189.

ATBS

Sci

171, 933

Oct 61

A Viviparous Monogenetic Trematode From Fresh Waters
of Africa, by A. V. Gusev, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 2,
1961, pp 490-493.

AIIBS

Sci

Oct 61

Embryological Characterization of Pyrosomata
Fixata, by O. M. Ivanova-Kazas, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 2,
1961, pp 494-496.

ATBS

Sci

Oct 61

The Role of Various Invertebrates and Vertebrates in
the ~~Food~~ Food of the Nestlings of Certain Forest
Birds, by I. V. Prokof'yeva, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 2,
1961, pp 497-499.

AIBS

Sci

Oct 61

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SION OF AFFERENT IMPULSES IN THE AUDITORY
SYSTEM DURING PROLONGED SOUND STIMULATION,
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RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXXXVI,
NO 2, PP 500-503.

AIDS

SCI

OCT 6L

172,899

THE MECHANISM OF ACTION OF SMALL DOSES OF
ADRENALIN IN MAN IN NORMAL CONDITIONS AND IN
CERTAIN LESIONS OF THE DIENCEPHALIC REGION,
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RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXXXVI,
NO 2, PP 504-507.

AIBS

SCI

OCT 61

175,830

CHANGES IN ACTION POTENTIALS OF THE BRAIN
IN CHILDREN DURING BLOCK OF THE ADRENERGIC
SYSTEMS OF THE CENTRAL SYNAPSES OF THE
BRAINSTEM, BY G. N. SPERANSKIY, YU. M.
PRATUSEVICH, 3 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXXXVI,
NO 2, L96L, PP 508-511.

AIBS

SCI

OCT 6L

172,300

The Spaces of Functions Analytic in $(p, 2)$ -
Circular Regions, by L. A. Ayzenberg, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, 1961,
pp 521-524.

Amer Math Soc

Sci

Jul 61

160, 7/2

A Singular Integral Equation on the Contour of
Class R., by A. D. Alekseyev, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, 1961,
pp 525-528.

Amer Math Soc

Sci

Jul 61

160,714

Tests for Convergence of Multiple Series With
Positive Terms, by Ye. A. Asadullin, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, 1961,
pp 529-531.

Amer Math Soc

Sci

Jul 61

160,715

On the Uniqueness of the Representation of Some
Classes of Positive Definite Generalized Functions,
by E. B. Vul, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, 1961,
pp 534-537.

Amer Math Soc

Sci

Jul 61

160,717

Some Properties of Differentiable Functions of
Many Variables, by V. P. Il'in, V. A.
Solonnikov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, 1961,
pp 538-541.

Amer Math Soc

Sci

Jul 61

160,716

On the Theory of Discontinuous Variational
Problems With Variable End-Points in Space, by
M. K. Kerimov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, 1961,
pp 542-545.

Amer Math Soc

Sci

Jul 61

160, 718

Analogue of Schmidt's Method for Nonlinear Equations,
by S. I. Pohozyayev, 3 pp.

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pp 546-548.

Amer Math Soc

Sci

Jul 61

160,719

Geodesic Flows on Compact Surfaces of Negative
Curvature, by Ya. G. Sinai, 4 pp.

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pp 549-552.

Amer Math Soc

Sci

Jul 61

160, 721

Realizations of Linear Functions by Formulas
Using V, θ, τ , by B. A. Subbotovskaya, 3 pp.

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pp 553-555.

Amer Math Soc

Sci

Jul 61

160,720

A Phragmen-Lindelof Type Theorem for Functions
Harmonic in a Rectangular Cylinder, by I. A.
Oegis, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, 1961,
pp 556-559.

Amer Math Soc

Sci

Jul 61

160,722

On the Complexity of Superpositions in Bases That
Contain Nontrivial Linear Formulas With Zero
Weights, by Ye. I. Nechiporuk, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 3,
1961, pp 560-563.

AIP
Sov Phys - Dok
Vol VI, No 1

Sci

160, 193

Jul 61

Plane Unsteady Motion of an Ideal Incompressible
Fluid, by V. I. Yudovich, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 3,
1961, pp 567-567.

4

AIP
Sov Phys - Dok
Vol VI, No 1

Sci

160, 196

Jul 61

Magnetic Properties of the Yarymlinskiy Iron
Meteorite, by M. A. Kashkay, T. A. Ismail-Zade, V. I.
Aliev, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 3,
1961, pp 568-570.

AIP
Sov Phys - Dok
Vol VI, No 1

NASA TT F-8107

Sci

Jun 61

Diffuse Irradiation in a Medium With Mirror
Reflecting Boundaries, by V. V. Sobolev, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 3,
1961, pp 571-574.

AIP
Sov Phys - Dok
Vol VI, No 1

Sci

Jul 61

160,189

The Polarity of Domain Boundaries in Thin
Ferromagnetic Sections, by L. V. Kirenskiy, V. A.
Buravikhin, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 3,
1961, pp 575, 576.

AIP
Sov Phys - Dok
Vol VI, No 1

Sci

Jul 61

160,187

Calculation of Vibrational Structure Equations of
the Electrons in an Excited Molecule Using the
Quantum Theory of Light Dispersion, by L. L.
Krushinskiy, P. P. Shorygin, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 3,
1961, pp 577-580.

AIP

Sov Phys - Dok
Vol VI, No 1

*Submitted Physicochemical
Physics, Moscow
Vol III, No 9*
Sci

160,186

Jul 61

Triple Spontaneous Fission of Curium-242, by N. A. Perfilov, Z. I. Solov'yeva, R. A. Filov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 3, 1961, pp 531-532.

AIP
Sov Phys - Dok
Vol VI, No 1

Sci

Jul 61

Crystallization of a Binary Alloy With Retention
of Stability, by V. T. Borisov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No ³ 2,
1961, pp 583-586.

AIP
Sov Phys - Dok
Vol VI, No 1

Sci

Jul 61

160, 182

(DC-5484)

Wind Profile in the Near-Water Layer Over
Lake Ladoga, by A. F. Izotova, T. A. Ogneva,
E. P. Smirnova, 9 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI,
No 3, pp 587-590.

JPRS 8179

154,120

USSR
Geog
May 61

Kinetics and Mechanism of the Reaction of
Aluminium Alkyls With Titanium Halides, by A. F.
Zefirova, A. E. Shilov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, 1961,
pp 599-602.

WIL M. 3447

Sci - Chem

Apr 62

194,023

A Contribution to the Theory of Impact
Excitations by Explosions, by
G. T. Afanas'yev, V. K. Bobolev.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 136,
No 3, 1961, pp 642-643.
NTC 69-12440-07D

Sci-Chem
Aug 69

389,383

EXPERIMENTAL DETERMINATION OF THE ENTHALPY OF
MOLYBDENUM AT TEMPERATURES OF 700-2337
DEGREES, BY V. A. KIRILLIN, 7 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, NO 3, 1961,
PP 645-647.

JPRS 17955

SCI M/M

MAR 63

224,373

A New Discovery of Upper Oligocene Flora in Western
Kazakhstan, by V. I. Baranov, L. M. Yataykin, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 3,
1961, pp 678-679.

AGI

Sci

Nov 62

On the Epochs of Granitoid Magmatism of the Pamirs
and Darvas, by V. I. Budanov, A. M. Meskhiy, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 3,
1961, pp 680-682.

AGI

Sci

Nov 62

Map of the Neotectonic Structure of the Upper
Dnestr Region, by I. D. Gofshteyn, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 3,
1961, pp 683-685.

AGI

Sci

Nov 62

New Data on the Specific Composition of Brachiopods
in the Lower Paleogene Deposits of Crimea (Bakhchisaray
Region) and the Transcaucasus (Sukhumi Region), by
N. P. Kovaleva, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 3,
1961, pp 686-688.

AGI

Sci

Nov 62

The Flood-Plain Terraces of the Volga and Early
Caspian Transgressions as Related To Glaciations,
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RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 3,
1961, pp 689-692.

AGI

Sci

Nov 62

A Large Swell-Like Uplift in the Eastern Part of the
Irkutsk Cirque, by V. A. Tverdokhlebov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 3,
1961, pp 693-695.

AGI

Sci

Nov 62

Structural Features of the Development Zone of
Complete Folding in Shale Dagestan, by V. N.
Sholpo, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 3,
1961, pp 696-699.

AGI

Sci

Nov 62

The Structure of the Differentiated Lujavrite-Foyaite-Urtite Rock Complex of the Lovozero Massif, by V. I. Gerasimovsky, A. I. Polyakov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 3, 1961, pp 700-.

AGI

Sci

Nov 62

Vertical Distribution of the Mass of Zooplankton
in the Tropical Region of the Atlantic Ocean,
by V. A. Yashnov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol ~~XXXX~~CXXXVI,
No 3, 1961, pp 705-708.

AGU

Sci
Dec 62

Morphological Changes in the Placental Tissue of the
White Rat After Local Freezing, by I. G. Mikhailova,
E. V. Prazdnikov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 3,
1961, pp 709-711.

AIBS

Sci

Oct 61

Cytogenetic and Physiological Action of Ethylenimine
and Gamma Rays on Wheat Seeds, by N. N. Zoz, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 3,
1961, pp 712-713.

AIBS

Sci

<p>Zaytseva, Z. M., Orlova, N. V. and others. THE SYNTHESIS OF OXYTETRACYCLINE DURING THE MIXED CULTURE OF INACTIVE MUTANTS OF ACTINOMYCES RIMOSUS. [1961] 4p. Order from ATS \$7.55</p> <p>Trans. of <u>Akademika Nauk SSSR Doklady</u> 1961, v. 136, no. 3, p. 714-717.</p> <p>DESCRIPTORS: *Tetramycin, Synthesis, Culture media, *Mutations, *Actinomycetes, *Bacteria, *Parasites.</p> <p>ATBS</p> <p>(Biological Sciences--Microbiology, TT, v. 6, no. 2)</p>	<p>61-22360</p> <p>I. Zaytseva, Z. M. II. Orlova, N. V. III. ATS-47N50R IV. Associated Technical Services, Inc., East Orange, N. J.</p> <p>169635</p> <p>Office of Technical Services</p>
---	---

The Formation of Vitamin B₁₂ by Photosynthetic
Bacteria, by E. N. Kondrat'yeva, V. Ye. Uspenskaya,
2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 3,
1961, pp 718-719.

AIBS

Sci

Oct 61

Relation Between Communication Capacity of Vision and
Brightness, by V. D. Glezer, I. I. Tsukkerman, T. M.
Tsykunova, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 3,
1961, p. 720.

AIP
Sov Phys - Dok
Vol VI, No 1

Sci

AIES

Jul 61

Absorption of Cesium From Solutions of
Various Concentrations by Three Species of
Aquatic Plants, by A. A. Titlayanova,
V. I. Ivanov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, ^{Vol CXXXVI,} No 3, pp 721-722,
1961.

AIES

Sci
Oct 61

On the Toxicity of Caffeic and Quinic Acids to *Phytophthora Infestans*, by V. E. Sokolova, O. N. Savel'eva, G. A. Solov'eva, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI,
No 3, 1961, pp 723-726.

AIBS

Sci

Oct 61

Analysis of the Mechanism of the Increased
Resistance of Animals to Gas Gangrene Microorganisms
After Traumatic Injury to Muscles, by M. A. Askerov,
2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 3,
1961, pp 727-729.

AIBS

Sci

Oct 61

THE FUNCTIONAL MORPHOLOGY OF THE HYPOTHALAMO-
HYPOPHYSEAL NEUROSECRETORY SYSTEM IN SALMON AT
AT DIFFERENT STAGES OF THE LIFE CYCLE, BY
I. A. BARANNIKOVA, 4 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXXXVI,
NO 3, 1961, PP 730-733.

AIBS

SCI

OCT 61

172,301

Correlation Between the Type of Nervous System and
the Vascular Reflexes in Children Aged 2-3 Years,
by M. F. Vasil'yev, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 3,
1961, pp 734-736.

AIBS

Sci

Oct 61

Stability of the Typological Characteristics of the
Higher Nervous Activity of Young Infants, by V. I.
Govallo, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 3,
1961, pp 737-740.

AIBS

Sci

Oct 61

The Possibility of Using Immunological Methods of Investigation to Study the Pathogenesis of Secondary Amyloidosis, by L. V. Pavlikhina, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 3, 1961, pp 741-744.

AIBS

Sci

Oct 61

CHANGES IN THE ACTION POTENTIALS OF THE
BRAIN IN CHILDREN DURING BLOCKING OF THE
M-CHOLINERGIC SYSTEMS OF THE CENTRAL
SYNAPSES OF THE BRAINSTEM, BY G. N.
SPERANSKIY, YU. M. PRATUSEVICH, 4 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXXXVI,
NO 3, L961, PP 745-748.

AIBS

SCI

OCT 6L

172,302

Data Relating to the Analysis of Induced Potentials,
by V. N. Chernigovskiy, R. A. Durinyan, S. M.
Zarayskaya, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 3,
1961, pp 749-752.

AIBS

Sci

Oct 61

Minimax Problems in the Theory of Diffusion
Processes, by I. V. Girsanov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, 1961,
pp 761-764.

Amer Math Soc

Sci

Jul 61

160,723

(NY-6169)

Abstract Automata and the Subdivision of Free
Semigroups, by V. M. Glushkov, 8 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 4,
1960, pp 765-767.

JPRS 9284

Sci - Phys

155 779

Jun 61

The Entropy of a Horocycle Flow, by B. M. Gurevic,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, 1961,
pp 768-770.

Amer Math Soc

Sci

Jul 61

160,725

On the Solvability of the First Boundary Value
Problem for Elliptic Equations, by V. A.
Kondrat'yev, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, 1961,
pp 771-774.

Amer Math Soc

Sci

Jul 61

160,724

On the Geometry of an n -Dimensional Surface of a
($2n-1$)-Dimensional Projective Space, by N. M.
Ostianu, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, 1961,
pp 775-778.

Amer Math Soc

Sci

Jul 61

160, 726

The Dispersion Problem for a Difference Equation, by
V. G. Tarnopol'skiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, 1961,
pp 779-782.

Amer Math Soc

Sci

Jul 61

160, 727

(NY-6169)

Improvement of the Optimal Control of Inertial
Objects in the Presence of Perturbations, by V. V.
Kazakevich, A. P. Yurkevich, 11 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 4,
1961, pp 783-786.

JPRS 9285

Sci - Phys

155, 045

Jun 61

The Stability of Forced Oscillations of
Auto-Rotating Systems, by M. Ya. Koshul', 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 4,
1960, pp 787-790.

AIP
Sov Phys-Dok
Vol VI, No 2

164, 823

Sci

Aug 61

(NY-6169)

A Class of Automodel Motions of an Ultra-
Relativistic Gas, by V. A. Skripkin, 9 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI,
No 4, 1961, pp 791-794.

JPRS 9281

Sci - Phys
Jun 61

155,453

Measurement of the Ionization Fluctuations Produced
by α Particles in Argon, by A. P. Komar, A. A.
Borob'yev, V. A. Korolev, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 4,
1961, pp 795-797.

AIP
Sov Phys - Dok
Vol VI, No 2

Sci

Aug 61

Fine Structure of the Absorption and Fluorescence
Spectra of Some Pigments at 77°
Litvin, R. I. Persone

RUSSIAN, per, Dok Ak Nauk *is SS/R* XVI, No 4,
1960, pp 798-800.

AIP
Sov Phys-Dok
Vol VI, No 2

164, 825

Sci

Aug 61

Variation of the Cathode Sputtering Coefficient
as a Function of the Angle of Incidence of Ions on
a Target, by V. A. Molchanov, V. G. Tel'kovskiy, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXKXVI, No 4,
1961, pp 801-802.

AIP
Sov Phys - Dok
Vol VI, No 2

Sci

Aug 61

(NY-6169)

New Material on the Development of a Channel of
a Long Spark, by I. S. Stekol'nikov, A. V. Shkilev,
13 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXXXVI, No 4,
1961, pp 803-806.

JPRS 9282

155,452

Sci - Electron

Jun 61

Effect of the Mechanical Properties of Solids in
Ultrasonic Machining, by N. M. Rostovtsev, G. I.
Epifanov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 4,
1961, pp 807-809.

AIP
Sov Phys - Dok
Vol VI, No 2

Sci

Aug 61

(NY-6169)

On the Distribution of the Density of Charged
Particles in Meteor Trails, by T. L. Perel'man,
S. I. Anisimov, 8 pp.

RUSSIAN, per, Dok Ak. Nauk SSSR, Vol CXXXVI,
No 4, 1961, pp 810-812.

JPRS 9283

Sci - Geophys

Jun 61

155,374

Determination of the Phase of Structure Amplitudes
by a Modification of the Minimalization Function, *et al.*
V. I. Simonov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 4,
1960, pp 813-816.

AIP

Sov Phys - Dok

Vol VI, No 2

169, 822

Sci

Aug 61

The Principles of Constructing Geophysical
Apparatus for Electrical Surveying by the Method
of Obtaining Frequency Characteristics, by K. B.
Karandeyev, L. Ya. Mizyuk, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII, No 4,
1960, pp 831-834.

AGI

Sci

Aug 61

163,870

Vasil'eva, V. S., Drogaleva, I. V. and others.
GEOMETRICAL AND CHEMICAL MODIFICATION
OF SILICA GEL FOR GAS CHROMATOGRAPHY
PURPOSES. [1961] 5p.
Order from ATS \$7.50

ATS-24N54R

Trans. of Akademiya Nauk SSSR, Doklady, 1961,
v. 136, no. 4, p. 852-853.

DESCRIPTORS: *Silicon compounds, *Dioxides,
*Gels, Preparation, *Gas chromatography.

(Chemistry--Physical, TT, v. 7, no. 3)

62-12137

- I. Vasil'eva, V. S.
- II. Drogaleva, I. V.
- III. ATS-24N54R
- IV. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

61-25202

Gur'ev, M. V.

MASS SPECTRA AND PRIMARY PROCESSES OF
THE RADIATION CHEMISTRY OF PARAFFINS.
[1961] 6p.

Order from ATS \$6.90

ATS-54N52R

Trans. of Akad[emiya] Nauk SSSR. Doklady, 1961,
v. 136, no. 4, p. 856-859.DESCRIPTORS: Mass spectroscopy, *Methanes,
*Radiation effects.I. Gur'ev, M. V.
II. ATS-54N52R
III. Associated Technical
Services, Inc.,
East Orange, N. J.

ATS/RJ-3052

195218

Office of Technical Services

(Chemistry, TT, v. 6, no. 8)

A Study of Holocene Tectonic Movements of Western ~~XXXXX~~
Bashkiria, by Yu. E. Zhurenko, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 4,
1961, pp 889-891.

AGI

Sci

Nov 62

The Geological Structure of the Continental Shelf
of the West Coast of Southern Sakhalin, by V. M.
Lavrov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 4,
1961, pp 892-895.

AGI

Sci

Nov 62

Recent Data on Lower Cretaceous Vulcanism in the
Crimean Mountain Region, by V. I. Lebedinskiy,
T. I. Dobrovolskaya, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 4,
1961, pp 896-899.

AGI

Sci

Nov 62

The Paleogeographic Features of Accumulation of the
Tournaisian Coal-Bearing Deposits of the Eastern
Slope of the Southern Urals, by N. E. Mogilev, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 4,
1961, pp 900-903.

AGI

Sci

Nov 62

A Find of Triassic Fishes and Stegocephalians in the
Northern Priural, by V. Ch. Chalychev, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 4,
1961, pp 904-906.

AGI

Sci

Nov 62

The Block Structure of the Polar Ural, by Yu. V.
Chidinov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 4,
1961, pp 907-910.

AGI

Sci

Nov 62

The Flora and Vegetation of the Kinel Period in the
Region of the Lower Kama, by L. M. Yataykin, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 4,
1961, pp 911-914.

AGI

Sci

Nov 62

Baotite, a New Niobium Mineral, by E. I. Semenov,
Khun Ven-Sin, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 4,
1961, pp 915-916.

AGI

Sci

Nov 62

A Type of Post-Magmatic Metasomatic Process in
Alkaline Massifs, by I. P. Tikhonenkov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 4,
1961, pp 917-920.

AGI

Sci

Nov 62

The Role of Detritus Formation in the Migration of
Strontium-90, Cesium-137 and Cerium-144. Experiments
With the Sea Alga Cystoseira Barbata, by G. G.
Polikarpov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 4,
1961, pp 921-.

AGI

Sci

Nov 62

(pp 921-923) IPMS 12,585

New Data on the Thickness of Botton Deposits in
the Indian Ocean, by V. M. Kovylin, 3 pp

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 4,
1961, pp 924-926.

AGU

Sci
Dec 62

Types of Vertical Salinity Variations in the
World ~~Asian~~ Ocean, by V. N. Stepanov, V. A. Shagin,
4 pp.

CXXXVI,
RUSSIAN, per, Dok Ak Nauk SSSR, Vol ~~CXXXIV~~, No 4,
1961, pp 927-930.

AGU

Sci
Dec 62