

Measurement of the Velocity of Ultrasound in Certain
Gases Compressed to a High Density, by L. F. ~~XKREX~~
Vereshchagin, N. A. Yuzefovich, 2 pp.

RUSSIAN, ~~per~~, Dok Ak Nauk SSSR, Vol CXLIV, No 6,
1962, pp 1272-1274.

AIP

Sci

Aug 63

Photographic reconstruction of the Optical Properties
of an Object in its Own Scattered Radiation Field,
by Yr. N. Denisjuk, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLIV, No 6,
1962, pp 1275-1278.

AIP

Sci

Aug 63

Analytical Properties of the Amplitude of Elastic
Scattering in the l Plane, by G. Domokosh, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXLIV, No 6,
1962, pp 1279-1280.

AIP

Sci

Aug 63

The Influence of Pair Correlations of the Superconduc-
tion Type on the Rate of a Decay, by V. G. Solov'yev,
4 pp.

RUSSIAN, per, Dokl Ak Nauk SSSR, Vol CXLIV, No 6,
1962, pp1281-1284.

AIP

Sci

Aug 63

Mechanism of Disruptive Discharge in Fragile Dielectrics at High and Ultrahigh Frequencies, by Yu. M. Volokobinskiy, 4 pp.

RUSSIAN, Per, Dok Ak Nauk SSSR, Vol CXLIV, No6, 1962, pp 1285-1288.

AIP

Sci

Aug 63

The Effect of a Special Structural State, Arising
during High-Temperature Thermomechanical Treatment,
on the Strength of Nickel at Room and High Tempera-
tures, by M. G. Lozinskiy, E. I. Antipova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLIV, No 6,
1962, pp 1289-1292.

AIP

Sci

Aug 63

Thermomagnetic Saturation in Ferrite Cores, by
V. F. Shvets, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLIV, No 6,
1962, pp 1293--

AIP

Sci

Aug 63

The Effect of Group V Elements of the Periodic Table (V, Nb, Ta) on the Properties of Fe_3Al , by R. S. Mints, N. N. Samsonova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Chemical Technology Section, Vol CXLIV, No 6, 1962, pp 1324-1327.

CB

Sci

Aug 63

Rate of Combustion of a Model Powder Mixture, by B. V. Novozhilov, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLIV, No 6, 1962, pp 1328-1330.

CIA/FDD XX-1259

NOT RELEASABLE TO FOREIGN NATIONALS

Sci

Sep 62

USIB INTERNAL USE ONLY

CB

210, 15-4

Histogenesis of the Fibrocartilage of the Inter-
vertebral Disks During the Intrauterine Development
of the Rabbit, by S. M. Zheltova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLIV, No 6,
1962, pp 1373-1376.

CB

Sci -
Nov 63

Reproductive Ability of Hybrid of Sturgeon X Sterlet,
by I. A. Burtsev, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section,
Vol CXLIV, No 6, 1962, pp 1377-1379.

CB

Sci -
Nov 63

Pattern of Cell Mortality Cultures of Blue -Green
Algae *Anabaena Variabilis* and *Amorphonostoc Puncti-*
forme, by V. D. Fedorov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section,
Vol CXLIV, No 6, 1962, pp 1380-1383.

CB
JPRS 19286

Sci -
Nov 63

An Electron Microscopic Investigation of Cucumis Virus
2., by V. A. Smirnova, V. A. Shtein-Margoklina, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section,
Vol CXLIV, No 6, 1962, pp 1384-1386.

CB

Sci -
Nov 63

The Role of Pyruvic Acid in the Biosynthesis of
Chlortetracycline by a Culture of Actinomyces
Aureofaciens, by V. N. Shaposhnikov, N. S. Egorov,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section,
Vol CXLIV, No 6, 1962, pp 1387-1389.

CB

Sci -
Nov 63

The Nucleotides of the RNA in Green Alga *Dunaliella*
Salina, by M. V. Pakhomova, G. P. Serenkov, #3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section,
Vol CXLIV, No 3, 1962, pp 1390-1393.

6

CB

Sci -
Nov 63

Distribution of Enzymes in the Different Cerebral Protein
Fractions Separated by Electrophoresis in Agar,
by N. M. Polyakova, M. K. Malysheva, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section,
Vol CXLIV, No 6, 1962, pp 1394-1397.

CB

Sci -
Nov 63

Transformations of Chlorogenic Acid in Potato Tubers
Infested With Phytophthora Infestans, by
V. E. Sokolova, G. A. Solov'eva, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section,
Vol CXLIV, No 6, 1962, pp 1398-1401.

CB

Sci -
Nov 63

A Study of the Action of Enzyme Inhibitors on the
ReKspiration of Conifers With Reference to the
DeEvelopment of Green Pigment, by B. A. Rubin,
L. F. Nikolaeva, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section,
Vol CXLIV, No 6, 1962, pp 1402-1405.

CB

Sci -
Nov 63

Cyto-Histochemical Changes in an Experimental Wound
Under the Influence of Various Adrenal Cortical
Hormones, by A. I. Bukhonova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLIV, No 6,
1962, pp 1406-1409.

CB

Sci -
Nov 63

The Effect of Gamma-Aminobutyric Acid, Beta-Alanine
and L-Glutamic Acid on Sechenov's Inhibition,
by N. E. Babskaya, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section,
Vol CXLIV, No 6, 1962, pp 13410-1413.

CB

Sci -
Nov 63

The Inhibitory Substance of Mollusc Embryos and Its
Role in the Regulation of Embryonal Motility, by
G. A. Buznikov, B. N. Manukhin, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section,
Vol CXLIV, No 6, 1962, pp 1414-1417.

SNSRC-144

CB

Sci -
Nov 63

Changes in the Estrogenic Function in Dairy Cattle
Under the Influence of External Factors, by
A. P. Gul' 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section,
Vol CXLIV, No 6, 1962, pp 1418-1421.

CB

Sci -
Nov 63

The Action of the Venom of the Scorpion *Buthus Occitanus* on Experimental Animals, by E. N. Pavlovskii, A. A. Pchelkina, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section, Vol ~~CXLIX~~, No 6, 1962, pp 1422-1424.

IV,

CB

Sci -
Nov 63

Changes in the Thermostability of the Frog (Rana
Temporaria L.) During the Fright Reaction,
by I. M. Pashkova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section,
Vol CXLIX, No 6, 1962, pp 1425-1428.

IV

CB

Sci -
Nov 63

Radicals and the Decomposition of a Ring, by
V. A. Andrunakyevic, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLV, No #1,
1962, pp 9-12.

Amer Math Soc
Sov Math - Dok
Vol III, No #4

Sci
Dec 62

Estimation of the Parameters of a Stationary Gaussian
Markov Process, by M. Arato, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XXX CXLV,
No 1, 1962, pp 13-16.

Amer Math Soc
Sov Math - Dok
Vol III, No 4,

Sci
Dec 62

Simultaneous Approximation of Almost Periodic
Functions and Their Derivatives, by E. A.
Bredikhina, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLV, No 1,
1962, pp 17-20.

Amer Math Soc
Sov Math - Dok
Vol III, No 4,

Sci
Dec 62

Asymptotic Representation of Fundamental Solutions
of Hypoelliptic Equations, the Problem Extending
Throughout the Whole Space With Conditions at
Infinity, by B. R. Vainberg, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLV, No 1,
1962, pp 21-23.

Amer Math Soc
Sov Math - Dok
Vol III, No 4

Sci
Dec 62

Stationary Singular Points of Generalized Analytic
Functions, by I. N. Vekua, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLV, No 1,
1962, pp 24-26.

Amer Math Soc
Sov Math - Doik
Vol IIIIM, No 4,

Sci
Dec 62

On a Riesz Basis of Exponential Functions, by
V. D. Golovin, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLV, No 1,
1962, pp 27-230.

Amer Math Soc
Sov Math - Dok
Vol III, No 4,

Sci
Dec 262

On a Correspondence of Boundaries for ~~Q-quasiconformal~~
Q-quasiconformal Mappings of a Sphere, by V. A.
Zoric, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLV, No 1,
1962, pp 31-34.

Amer Math Soc
Sov Math - Dok
Vol III, No 4,

Sci
Dec 62

On a Class of Locally Convex Spaces, by V. L. Levin,
5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLV, No 1,
1962, pp 35-37.

Amer Math Soc
Sov Math - Dok
Vol III, No 4

Sci
Dec 62

Asymptotic Computation of Solutions of Systems of
Second-Order Differential Equations Close to
Discontinuous Periodic Solutions, by N. H. Rozov,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLV, No 1,
1962, pp 38-40.

Amer Math Socx
Sov Math - Dok
Vol III, No 4

Sci
Dec 62

Algorithms for Finding Nodal Solutions of a System
of Linear Inequalities, by S. N. Cernikov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLV, No 1,
1962, pp 41-44.

Amer Math Soc
Sov Math - Dok
Vol III~~III~~, No 4

Sci
Dec 62

Runge Domains in Spaces of Several Complex
Variables, by M. Sirinbekov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLV,
No 1, 1962, pp 45-47.

Amer Math Soc
Sov Math - ~~Rmk~~ Dok
Vol III, No 4

Sci
Dec 58 62

On the Algorithmic Complexity of Discrete
Functions, by Yu. Ofman, 10 pp.

RUSSIAN, Pr., Dok Ak Nauk SSSR, Vol CXLV,
No 1, 1962, pp 48-51.

JPRS 168303

Sci - Math

Nov 62

217,877

Over -All Stability of Nonlinear Pulsed
Automatic Systems, by Ye. Z. Tsypkin,
5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLV,
No 1, 1962, pp 52-55.

JPRS 16303

Sci - Electronics

Nov 62

317,878

The Formation of A Forward Stagnant Zone
in the Flow of A Viscoplastic Liquid Past
a Blunt Body, by I. G. Bulina, V. G. Savin,
2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLV,
No 7, 1962, pp 56-58.

1

Amer Inst Phys

Sov Phys - Dok

Vol VII, No 7

Sci

Jan 63

The Lagrangian in the Relativistic Mechanics
of Continuous Media, by K. P. Stanyukovich,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLV,
No 1, 1962, pp 59-62.

Amer Inst Phys
Sov Phys - Dok
Vol VII, No 7

Sci

Jan 63

An Approximate Estimate of the N III Line
Decrement in the Spectra of Planetary
Nebulae, by A. A. Nikitin, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol ~~XX~~ CXLV,
No 1, 1962, pp 63-65.

Amer Inst Phys
Sov Phys - Dok
Vol VII, No 7

Sci

Jan 63

Effect of Trapping Levels on the Kinetics of
Electron Processes at p-n Junctions, by
E. I. Adirovich, E. M. Kuznetsova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLV,
No 1, 1962, pp 67-70.

Amer Inst Phys
Sov Phys - Dok
Vol VII, No 7

Sci

Jan 63

A High-Pressure and High-Temperature
Apparatus with Several Pairs of Electric
Leads, by L. F. Vereshchagin, A. A.
Semerchan, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLV,
No 1, 1962, pp 71-72.

Amer Inst Phys
Sov Phys - Dok
Vol VII, No 7

Sci

Jan 63

Effect of Forced Oscillation of A Crystal
on the Spectrum of Scattered γ Quanta,
by I. P. Dzyub, A. F. Lubchenko, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLV,
No 1, 1962, pp 73-75.

Amer Inst Phys
Sov Phys - Dok
Vol VII, No 7

Sci

Jan 63

The Problem of the Calculation of Regge Poles,
by G. Domokosh, 1 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLV,
No 1, 1962, pp 76-77.

Amer Inst Phys
Sov Phys - Dok
Vol VII, No 7

Sci

Jan 63

Two Mechanisms for the Formation of a Latent
Electrochromographic Image, by V. M. Fridkin
and Yu. S. Barulin,
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLV,
No 1, 1962, pp 78-81.
AFS RJ-4642

Sci-Methods & Equipment
Apr 67

321,512

Two Mechanisms of Formation of the Latent
Electrophotographic Image, by V. M.
Fridkin, Yu. N. Barulin, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLV,
No 1, 1962, pp 78-81.

Amer Inst Phys
Sov Phys - Dok
Vol VII, No 7

Sci

OTS 63-20021 (10pp)
ATS-93Q72R (5pp)

Jan 68

The Effect of Alloying Elements on the
Superconducting Properties of V_3Si , by
N. E. Alekseevskiy, E. M. Savitskiy, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLV,
No 1, 1962, pp 82-84.

Amer Inst Phys
Sov Phys - Dok
Vol VII, No 7

Sci

Jan 63

The Nature of Hardening in Glass, by F. F.
Vitman, I. A. Boguslavskiy, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLV,
No 1, 1962, pp 85-88.

BGIRA-576

Amer Inst Phys

Sov Phys - Dok

Vol VII, No 7

Sci

Jan 63

Tikhonov, A. N. and Enenshtein, B. S.
ON A METHOD FOR DETERMINATION OF DEPTHS
OF THE CRYSTALLINE BASIS (FOUNDATION)
OCCURRENCE FROM THE PHASE CURVES OF
SOUNDINGS BY ELECTROMAGNETIC FREQUENCY.
[1968] Sp. 2 refs.

Order from OTS or SLA \$1.10

63-18440

Trans. of Akademiya Nauk SSSR. Doklady, 1962,
v. 145, no. 1, p. 89-92.

DESCRIPTORS: *Geophysical prospecting, Structural
geology, Electromagnetic properties, Geophysics.

(Earth Sciences—Geology, TT, v. 10, no. 8)

63-18440

- I. Title: Electromagnetic
sounding
I. Tikhonov, A. N.
II. Enenshtein, B. S.

Office of Technical Services

The Influence of Local Raised Heat Fluxes
Along the Length of a Channel on the
Boiling Crisis, by M. A. Styrikovich,
Z. L. Miropol'skiy, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLV,
No 1, 1962, pp 93-96.

Amer Inst Phys
Sov Phys - Dok
Vol VII, No 7

Sci

Jan 63

Equilibrium of α FeCr Alloys Based on the γ -Solid
Solution in the System Fe-Cr-Ni-Mn-Pb-V-Si, by
F. N. Tavadze.

RUSSIAN, per, Dok Ak Nauk, Vol. CXLV, No 1, 1962,
pp 112-114.

NIL Ref: 5823.4 1963 (5823)
(Loan)

Sci - M/H
Jul 63

238,368

Determination of the Saturated Vapor
Pressure of Niobium Dioxide, by S. A. Shchukarev,
et al.
RUSSIAN, per, Dokl Akad Nauk SSSR, Vol CXLV,
No 1, 1962, pp 119-121.
NASA TT F-10,220

Sci-Colum
Aug 66

309,635

A Study of the Mechanism of Which a Preliminary
Irradiation Affects the Thermal Decomposition of
Silver Oxalate Containing a Cadmium Impurity, by
Yu. A. Zakharov, V. V. Boldyrev, et al.

RUSSIAN, per, Dok Ak Nauk, Vol CXLV, No 1, 1962,
pp 122-124. 92 06498

9207649

~~*AEC-Tr-5673~~
~~(JPRS for AEC)~~

Sci - Chem

CB

18 Feb 63

The Effect of Mechanical Action in Accelerating
Structural Changes in Crystallizing Polymers,
by P. V. Kozlov, A. A. Frolova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR (Physical Chemistry
Section), Vol CXLV, No 1, 1962, pp 125-128.

CB

OTS 63-18289

Sci -
Aug 63

The Reversible Photochemical Reduction of Polymethine
Dyes, by A. A. Krasnovskiy, N. N. Drozdova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR (Physical Chemistry
Section), Vol CXLV, No 1, 1962, pp 129-132.

CB
OTS 63-16724

Sci -
Aug 65

Causes Responsible for the Establishment of False
Equilibria in Ion-Exchange Sorption of Big Organic Ions,
by G. S. Libinson, E. M. Savitskaya, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR (Physical Chemistry
Section), Vol CXLV, No 1, 1962, pp 133-135.

CB

Sci -
Aug 65

Viscosity and Heats of Activation of Concentrated
Polymer Solutions as a Function of Concentration,
Temperature and Nature of Solvent, by A. A. Tager,
V. E. Dreval, 4 pp., 7 refs. - 12 refs.

RUSSIAN, per, Dok Ak Nauk SSSR (Physical Chemistry
Section), Vol CXLV, No 1, 1962, pp 136-139.

CB
OTS 68-18422

Sci -
Aug 683

Anisoyan, A. A. and Volod'ko, N. P.
THE MECHANISM OF METHANE CONVERSION.
[1962] 6p.

Order from ATS \$8.00

ATS-86P65R

Trans. of Akademiya Nauk SSSR. Doklady 1962,
v. 145, no. 1, p. 140-143.

DESCRIPTORS: Methanes, Production.

CS

(Chemistry--Organic, TT, v. 9, no. 5)

63-12445

- I. Anisoyan, A. A.
- II. Volod'ko, N. P.
- III. ATS-86P65R
- IV. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

Hydrogen Embrittlement of Steel, by G. V. Karpenko,
Yu. I. Babey, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Chemical Technology
Section), Vol CXLV, No 1, 1962, pp 144-146.

CB

Sci

Aug 63

Highly Concentrated Activated Creolin, by N. V.
Tsitsin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Chemical Technology
Section), Vol CXLV, No 1, 1962, pp 147- .

CB

Sci

Aug 63

Dating of the Glacial-Lake Deposits of the Onega
Peninsula, by T. M. Vostrukhina, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Earth Science
Sections, Vol CXLV, No 1, 1962, pp 151-153.

Amer Geol Instit

Sci
Aug 64

Rhythmic Variations in the Forms of Stromatoliths
in the Ancient Turukhan Complex, by O. A. Votakh,
V. M. Chayka, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Earth Science
Sections, Vol CXLV, No 1, 1962, pp 154-156.

Amer Geol Instit

Sci
Aug 64

A Red-Bed Flora in the Schwagerina Beds of
Permian Age in the Donets Basin, by N. V. Glushenko,
V. K. Ivanov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Earth Science
Sections, Vol CXLV, No 1, 1962, pp 157-159.

Amer Geol Instit

Sci
Aug 64

Contribution to the Vegetational History of the
Late Pliocene in the Central Volga Region, by
T. A. Kuznetsova, 2 pp.

RUSSIAN, paper, Dok Ak Nauk SSSR, Earth Science
Sections, Vol CXLV, No 1, 1962, pp 160-163.

Amer Geol Instit

Sci
Aug 64

Comparison of Some Tournaisian Foraminifera
of the USSR With Those of West Germany, by
O. A. Lipina, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Earth Science
Sections, Vol CXLV, No 1, 1962, pp 164-165.

Amer Geol Instit

Sci
Aug 64

The Age of the Limestones on the North Side of
the Baydarskaya Basin in the Crimea, by
N. I. Lysenko, 1 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Earth Science
Sections, Vol CXLV, No 1, 1962, pp 166-167.

Amer Geol Instit

Sci
Aug 64

The Transitional and Early Platform Development
of the Western Ciscaucasus, by M. F. Mirchink,
3 pp.

~~RUSSIAN~~, per, Dok Ak Nauk SSSR, Earth Science
Sections, Vol CXLV, No 1, 1963, pp 168-171.

Amer Geol Inst

Sci
Aug 64

Correlation of the Precambrian Sections of Eastern
Sayan and the Sangilen Highlands of Tuva, by
A. D. Smirnov, Ye. N. Altukhov, 2 pp.

RUSSIAN, per, Dokl Ak Nauk SSSR, Earth Science
Sections, Vol CXIV, No 1, 1962, pp 172-175.

Amer Geol Instit

Sci
Aug 64

Discovery of a Complete Sequence of Upper
Bavlynian Deposits in the Cis-Uralian Basin, by
K. R. Timergazin, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Earth Science
Sections, Vol. CXLV, No 1, 1962, pp 176-178.

Amer Geol Instit

Sci
Aug 64

A Finding of Rainprints, by V. I. Chalyshev, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Earth Science
Sections, Vol CXLV, No 1, 1962, pp 179-180.

Amer Geol Instit

Sci
Aug 64

Nature of the Anorthite Gabbros at Serebryanskiy
Kamen' and of the Associated Copper Mineralization,
by A. A. Yefimov, T. I. Kuuspalu, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Earth Sciences
Section, Vol CXLV, No 1, 1962, pp 181-184.

Amer Geol Inst

Sci
Aug 64

A New Fossil Ceratophyllum From the Oligocene
Deposits of the Zaysan Basin, by G. S. Avakov,
2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Earth Science
Sections, Vol CXLV, No 1, 1962, pp 185-186.

Amer Geol Inst

Sci
Aug 64

The Inheritance of Changes Induced by Chemical Mutagens
in Wheat-Couchgrass Hybrids, by N. N. Zoz 2pp

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section, Vol CXLV,
No 1, 1962, pp 187-188.

CB

Sci
Nov 63

Investigation of Functional Changes in Muscle Tissue
of the Mollusk Neptunea Eulimata Dall on Prolonged
Exposure to Heat, by T. A. Dzhemusova, 3pp

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section, Vol CXIV,
No 1, 1962, pp 189-191.

CB

Sci
Nov 63

The Vertical Distribution of Saprophytic Bacteria in
the Water Strata of the Central Part of the Pacific
Ocean, by Yu. I. Sorokin 3pp

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section, Vol CKLV,
No 4, 1962, pp192-194.

CB

Sci
Nov 63

The Dependence of Anti-Radiation Effectency
of Protective Substances on Oxygen in
Inhaled Air and in Tissues, by E. Ya.
Grayevakiy, M. M. Konstantinova, 5 pp.

RUSSIAN, Per, Dok Ak Nauk SSSR, Vol CXLV,]
No 1, 1962, pp 195-197.

JPRS 16333

CB

SCI - Med

2:7 818

Nov 62

Biological Protection of Skeleto-Muscular
Tissue Against Injury From Ionizing
Radiation, by A. N. Studitskiy, M. F.
Popova, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLV,
No 1, 1962, pp 198-201.

JPRS # 16333

CB

Eci - Med

2:7.8.7

Nov 62

The Influence of Temperature on the Effectiveness of the Primary Process of Light Energy Conversion During Photosynthesis, by L. A. ~~SEN~~ Tuzerman, A. B. Rubin, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLV, No 1, 1962, pp 202-205.

Sci - Med

Nov 62

JPRS 16333

CB*

OTS 63-16734

217,919

Flavin Nucleotides of the Cytoplasmic Membrane of
Micrococcus lysodeikticus, by N.S. Gel'man, I. G.
Zhukova 2pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section, Vol CXLV,
No 1, 1962, pp 206-208.

CB

Sci
Nov 63

Purification and Crystallization of Glucose Oxidase
From the Mold Penicillium Vitale Pidoplitchco Bilai, by
M. F. Gul'yi, R.G. Degtyar' 3pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section, Vol CXLV,
No 1, 1962, pp 209-211.

CB

Sci
Nov 63

Suppression of Development of Plant Tumors (Potato
Wart) by Inhibitors of Free Radical Processes, by D. V.
Lipsits, K. E. Kruglyakova 3pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section, Vol CXLV,
No 1, 1962, pp 212-214.

CB

Sci
Nov 63

Carnosine Content of Different Parts of Frog Muscles,
by S. E. Severin, P. L. Vul'fson, 3pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section, Vol. CXLV,
No 1, 1962, pp 215-217.

CB

Sci
Nov 63

Adenosine Triphosphatase Activity of Various Phages, A.
S. Tikhonenko, B. F. Poglazov, 4pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section, Vol CXLV,
No 1, 1962, pp 218-221.

CB

Sci
Nov 63

Mode of Action of Boron on Nucleic Acid Biosynthesis,
Effect of Boron on Energy Metabolism, by M. Ya.
Shkol'nik, A. N. Maevskaya, 2pp

RUSSIAN, Ser, Dok Ak Nauk SSSR, Biol Section, Vol CXLV,
No 2, 1962, pp 222-224.

CB

Sci
Nov 63

The Effect of the "Inhibiting Substance" of Mollusk
Embryos on Isolated Organs of Vertebrate Animals, By
B. N. Manukhin, G. A. Buznikov, 4pp

RUSSIAN, repr, Dok Ak Nauk SSSR, Biol Section, Vol. CXLV,
No 1, 1962, 225-228.

CB

Sci
Nov 63

On the Theory of Weak Solutions For ~~KMMK~~ Boundary
Value Problems, by G. N. Agayev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLV, No 2,
1962, pp 235-238.

Amer Math Soc
Sov Math - Dok
Vol III, No 4

Sci
Dec 1962

Differential Properties of the Solution of the
Dirichlet Problem for Regions With Angles, by
M. A. Aleksidze, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLV, No 2,
1962 pp. 239-240.

Amer Math Soc
Sov Math - Dok
Vol III, No 4

xiX
Sci
Dec 62

Analytic Arithmetic of Quadratic Forms With An
Odd Number of Variables, As Connected With the
Theory of Modular Forms, by A. N. Andryanov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLV, No 2,
1962, pp 241-244.

Amer Math Soc
Sov Math - Dok
Vol III, No 4

Sci
Dec 22 62

On Mappings of Metric Spaces, by A. Arhangel'skiy,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLV, No 2,
1962 pp 245-247.

Amer Math Soc
Sov Math - Dok
Vol III, No 4

Sci
Dec 62

On a Vertex-Edge Function of Graphs, by L. Nxm.
Vitaver, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLV,
No 2, 1962, pp 248-251

Amer Math Soc
Sov Math - Dok
Vol III, No 4

Sci
Dec 62

Plancherel Measure for Riemann Symmetric Spaces of
Nonpositive Curvature, by S. G. Gindikin,
F. I. Karpelevic, 4 pp.

RUSSIAN, per Dok Ak Nauk SSSR, Vol XLV, No 2,
1962 pp. 252-255.

Amer Math Soc
Sov Math - Dok
Vol III, No 4

Sci
Dec '62

Minimal Systems and Quasicomplements in Banach
Space, by V. I. Guarariy, M. I. Kadec, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLV₂, No 2,
1962, pp 256-258.

Amer Math Soc
Sov Math - Dok
Vol III, No 4

Sci
Dec 62

Carleman's Problem for Functions of the Gevrey Class,
by G. A. Dzasasija, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLV, No 2,
1962, pp 259-262.

Amer & Math Soc
Sov Math - Dok
Vol III, No 4

Sci
Dec 62

On the Existence of a Common Basis for Imbedded
Spaces of Analytic Functions, by M. M. Draigilev,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLV, No 2,
1962, pp 263x-265.

Amer Math Soc
Sov Math - Dok
Vol III, No 4

Sci
Dec 62

Unilateral Boundary Value Problems in the
Theory of Analytic Functions, by E. I. Zverovic,
G. S. Litvincuk, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLV, No 2,
1962, pp 266-269.

Amer Math Soc
Sov Math - Dok
Vol II, No 4

Sci
Dec 62

On Linear Problems Which Are Not Well-Posed, by
V. K. Ivanov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLV, No 2,
1962, pp 270-272.

Amer Math Soc
Sov Math - Dok
Vol III, No 4

Sci
Dec 62

Conditions for B-Completeness of Ultrabarreleed and
Barrelled Spaces, by V. L. Levin, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLV, No 2,
1962, pp 273-275.

Amer Math Soc
Sov Math - Dok
Vol III, No 4

Sci
Dec 62

Strongly Related Models and Recursively Complete
Algebras, by A. I. Mal'cev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLV, No 2,
1962, pp 276-279.

Amer Math Soc
Sov Math - Dok
Vol III, No 4

Sci
Dec 62

Commutative Formal Groups and Abelian Manifolds,
by Ju. I. Manin, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol MCXLV, No 2,
1962, pp 280-283.

Amer Math Soc
* Sov Math - Dok
Vol III, No 4

Sci
Dec 62

On Lipschitz Spaces, by V. Yu. ~~Sandberg~~ Sandberg,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLV, No 2,
1962, pp 284-286.

Amer & Math Soc
Sov Math - Dok
Vol III, No 4

Sci
Dec 62