

Age of the Conglomerates of the Metamorphic
Series of the Central Kamchatka Range, by
B. M. Shtempel, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV,
No 5, May-Jun 1957, pp 1099.

Consultants Bureau

Sci - Geophysics
Aug 58

69,367

The First Discovery of Elpidite in the USSR,
by I. P. Tikhonenkov, E. I. Semenov, M. E.
Kazakova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV,
No 5, May-Jun 1957, p 1101.

Consultants Bureau

Sci - Geophysics
Aug 58

69, 387

The Use of Biochemical Mutants of *Actinomyces*
rimosus to Obtain Hybrid Forms, by S. I.
Alikhanyan, S. Z. Mindlin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV, No 5,
1957, pp 1113-.

Amer Inst of Biol Sci

Sci - Biology

Aug 58

70, 3/2

Frost-Resistance and Hardening of Corn Plants, by
A. A. Kornilov, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CKIV,
No 5, 1957, pp 1116-1119.

Amer Inst of Biol Sci

Sci - Med

58,405

Feb 58

Interceptive Conditioned Reflexes From the Bladder
Following Removal of the Thoracic Cord, by
I. A. Bulygin, Z. D. Shchannikova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV, No 5,
1957, pp 1120-1123.

Amer Inst of Biol Sci

Sci - Biology

Aug 58

70 288
70 288

The Activity of the Injured Motor Analyzer, by
L. S. Gaybaryan, 4 pp.

in

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV, No 5,
1957, pp 1124-1127.

Amer Inst of Biol Sci

Sci - Biology

Aug 58

70, 290

70,289
Blood Prothrombokinase and Thrombotropin Insufficiency
in Splenectomized Rats, by B. A. Kudryashov, T. M.
Kalishevskaya, V. E. Pastorova, M. E. Preobrazhenskaya,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV, No 5,
1957, pp 1128-.

Amer Inst of Biol Sci

Sci - Biology

Aug 58

70 289
70 289

Morphological and Physiological Investigation of
the "Hatching" Gland in Sturgeon at Different
Incubation Temperatures, by G. M. Ignatyeva,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV, No 5,
1957, pp 1132-.

Amer Inst of Biol Sci

Sci - Biology

Aug 58

70,319

Table of Contents only

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXIV,
No 6, 1957.

CIA/FDD X-2676

Dec 57

On the Oscillations of Floating Bodies in a
Bounded Basin, by N. M. Moiseyev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV,
No 6, 1957, pp 1180-.

Consultants Bureau

Sci - Physics
Jul 58

66,950

Asymptotic Representation of Spheroidal Function,
by M. G. Belkina.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXIV,
No 6, 1957, pp 1185-1188.

*Morris D. Friedman
(will appear later as SLA)

SLA-57-20216

On the Statistical Theory of Crystallization, by E. A.
Arinshtein, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXIV,
No 6, 1957, pp 1189-1191.

Amer Inst of Phys
Sov Phys, "Doklady"
Vol 11, No 3

Sci - Phys

59,580

Mar 58

The LS_3 and LS_1 Lines of Germanium, by G. P.
Borovikova, M. I. Korsunskiy, 2 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXIV,
No 6, 1957, pp 1192-1194.

Amer Inst of Phys
Sov Phys, "Doklady"
Vol II, No 3

Sci - Phys

59,581

Mar 58

The Effect of Neutron Irradiation on the Martensitic Transformation, by A. I. Zakharov, O. P. Maksimova, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXIV, No 6, 1957, pp 1195-1198.

AEC Tx 3210
Amer Inst of Phys
Sov Phys, "Doklady"
Vol II, No 3

Sci - Phys

59,582

Mar 58

X-2838

The Quantitative Study of Latent Image Formation by
Ionizing Particles, by A. L. Kartuzhanskiy, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXIV,
No 6, 1957, pp 1199-1202.

Amer Inst of Phys
Sov Phys, "Doklady"
Vol II, No 3

Sci - Phys

59,583

Mar 58

The Spectral Response Curves for Photoconductivity in
CdS Single Crystals, by V. E. Lashkarev, E. A. Sal'kov,
G. A. Fedorus, M. K. Sheinkman, 3 pp.

RUSSIAN, thrice-no per, ^DSok Ak Nauk SSSR, Vol. CXIV,
No 6, 1957, pp 1203-1205.

Amer Inst of Phys
Sov Phys, "Doklady"
Vol II, No 3

Sci - Phys

Mar 58

59,584
DSIR LL4 M.2454
(Doc.)

On the Relationship Between Ordinary Space and
Isotopic Spin Space, by G. A. Sokolik, 5 pp.

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, Vol CXIV,
No 6, 1957, pp 1206-1209.

Amer Inst of Phys
Sov Phys, "Doklady"
Vol II, No 3

Sci - Phys

Mar 58

59,585

Distribution Functions for a Classical Electron Gas,
by S. V. Tiablikov, V. V. Toimachev, 3 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXIV,
No 6, 1957, pp 1210-

Amer Inst of Phys
Sov Phys, "Doklady"
Vol II, No 3

Sci - Phys

Mar 58

59,586

The Action of X-Rays on the Placental Barrier State
at Various Stages of Pregnancy, by L. D. Lukyanova,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV, No 6,
1957, pp 1217-.

Amer Inst of Biol Sci

Sci - Biology

Aug 58

70,326

Study of Blast Furnace Process by Isotope Methods,
by I. P. Bardin.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV, No 6,
1957, pp 1220-1223.

Henry Bratcher 4305
\$4.85

Sci - Engr
Oct 58

74, 857

Relationships in the Drawing of Metal Wire in
Presence of Lubricants, by S. Ya. Veillar,
V. I. Likhtman.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV, No
6, 1957, pp 1224-1227.

Brutcher Tr 4293
\$4.35

chen
Sci - ~~MinMet~~
Sep 58

72,586

Restoration of the Internal Friction of Pure
Aluminium After Removal of Load, by A. Ya.
Samoylova, V. S. Postnikov. UNCL

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV, No 6,
1957, pp 1228-1230.

DSIR LLU (loan) H.400

Sci - Min/Mat
Jul 59

90, 159

On the Difference Between the Forces of Static
and Dynamic Friction, by D. M. Tolstoy, et al.
UNCLASSIFIED

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV, No 6,
pp 1231-1234.

Co-Op Tr 80b
Tr 460

Sci - Phys
Sep 58

73, 079

New Transformations of Pyridinium Salts and the
Synthesis of γ -Amino Substituted Pyridines, by A. F.
Vompe, N. V. Monich, N. F. Turitsyna, L. V. Ivanova,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol ^X~~CIV~~, No 6, ¹⁹⁵¹~~1~~ pp
1235-1238.

Consultants Bureau

Sci • Chem
Aug 58

69, 091

The Problem of the Graphitization of Carboniferous
Substances, by A. M. Subko, E. Z. Spektor, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol ^X ~~CIV~~, No 6, ¹⁹⁵⁷ 4 pp
1239-1241.

Consultants Bureau

Sci - Chem
Aug 58

69, 692

Synthesis of the Analogs of Methylheptenone and
Methylheptadienone, by I. N. Nazarov, S. M.
Makin, V. B. Mochalin, D. V. Nazarova, V. P.
Vinogradov, B. K. Krupstov, I. I. Nazarova, O. A.
Shavrygina, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CIV, No 6, 1957, pp
1242-1245.

Consultants Bureau

Sci - Chem
10-158

67, 093

Equilibrium of Two Liquid^{g d} Phases in the Simpler
Fluorine-Silicate Systems, by Ya. I. Olshanskiy,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol ^X ~~CIV~~, No 6¹⁹⁵⁷, pp
1246-1249.

Consultants Bureau

Sci - Chem
Aug 58

69,094

The Reaction of Diacetylene With Some Hydroxyl-
Containing Compounds, by M. F. Shostakovskiy, A. V.
Bogdanova, G. K. Krasilnikova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CIV, No 6, pp
1250-1254

Consultants Bureau

Sci - Chem

AGU 58

73.451

Calculation of the Heat and Entropy of Adsorption
From a Single Adsorption Isotherm, by B. F. Bering,
V. V. Serpinsky, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV, No 6, 1957,
pp 1254-1256.

Consultants Bureau

Sci - Chemistry
Jul 58

SLA R-3127

67,648

Bering, B. P. and Serpinski, V. V.
CALCUL DE LA CHALEUR ET DE L'ENTROPIE
D'ADSORPTION AU MOYEN D'UNE SEULE ISO-
THERME D'ADSORPTION, tr. by Roche. 22 Mar 60
[9]p. 4 refs. CEA Trans. no. R 850 (text in French).
Order from OTS or SLA \$1.10 61-23817

Trans. in French of Akad[emiya] Nauk SSSR. Dokl[ady]
1957, v. 114, no. 6, p. 1254-1256.

DESCRIPTORS: *Adsorption, Thermochemistry,
Entropy.

(Chemistry--Physical, TT, v. 6, no. 7)

61-23817

- I. Bering, B. P.
- II. Serpinski, V. V.
- III. CEA-tr-R850
- IV. Commissariat à
l'Energie Atomique
(France)

Office of Technical Services

Calculation of the Heat and Entropy of Adsorption
by Means of a Single Adsorption Isotherm, by
B. P. Bering, V. V. Serpinskiy.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXIV,
No 6, 1957, pp 1254-1256.

*MBrris D. Friedman
(will appear later as SLA)

Adsorption of Aliphatic Alcohols From Solutions
on Silica Gel and "White Soot", by A. K.
Bonetskaya, K. G. Krasilnikov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV, No 6,
1957, pp 1257-1260.

Consultants Bureau

Sci - Chemistry
Jul 58

67,647

The Equation of Nonsteady Diffusion Towards a
Stationary Electrode, by A. V. Gorodysky, Yu. K.
Delimarsky, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV, No 6,
1957, pp 1261-1264.

Consultants Bureau

Sci - Chemistry
Jul 58

67,644

Anodic Passivation of Chromium in Acid Solutions,
by V. N. Khayazheva, Ya. M. Kolotyrcin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXIV, No 6,
1957, pp 1265-1268.

Consultants Bureau

Sci - Chemistry
Jul 58

67,650

Investigation of the Kinetics and Mechanism of the
Thermal Decomposition of Isobutylene, by Yu. I.
Lyadova, V. I. Vedeneyev, V. V. Voevodsky, 4 pp.

RUSSIAN, per Dok Ak Nauk SSSR, Vol CXIV, No 6,
1957, pp 1269-1271.

Consultants Bureau

Sci - Chemistry
Jul 58

*Submitted by Consultants Bureau to the
729/OT-2906
67,652*

The Nature of Catalytic Currents of Hydrogen
in Polarography, by S. G. Maironovsky, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV, No 6,
1957, pp 1272-1275.

Consultants Bureau

Sci - Chemistry
Jul 58

67,651

Ionic Exchange on Aluminosilicate Catalysts in
a Stream of Alkali With Small Contact Times, by
G. M. Panchenkov, Z. V. Gryaznova, I. M. Kiv-
shinnikov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV, No 6,
1957, pp 1276-1279.

Consultants Bureau

Sci - Chemistry
Jul 58

67,653

The Influence of the Concentration of the Electrolyte
(Copper Sulfate) Solution on the Exchange Sorption of
Fatty Acid Crystals, by A. A. Trapeznikov, 4 pp.

RUSSIAN, per Dok Ak Nauk SSSR, Vol CXIV, No 6,
1957, pp 1200-4.

Consultants Bureau

Sci - Chemistry
Jul 58

68,571

The Transformations of Nitrogenous Compounds During
Thermal Treatment of Tea, by M. A. Bokuchava, V. P.
Popov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV, No ⁶~~7~~, 1957,
pp 1284-1286.

Consultants Bureau

Sci - Biology
May 58

62,922

The Amino Acid Composition of Guinea Pig Collagen
Fractions, by A. A. Denisova, A. L. Zaides, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV, No 6, 1957,
pp 1287-

Consultants Bureau

Sci - Biology
May 58

62,923

The First Faunal Discovery in the Verkholensk
Formation, by V. S. Voropiyev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV,
No 6, May-Jun 1957, pp 1291-1293.

Consultants Bureau

Sci - Geophysics
Aug 58

69, 368

Clay Minerals of the Araucarites Formation
in the Donets Basin and Their Meaning for
Facies Characterization, by G. V. Karpova,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV,
No 6, May-Jun 1957, pp 1294-1296.

2

Consultants Bureau

Sci - Geophysics
Aug 58

69, 367

A Phosphorite Find in Devonian Deposits on
the Kureika River, by N. A. Krasilnikova,
4 pp.

RUSSIAN, ~~ISS~~, Dok Ak Nauk SSSR, Vol CXIV,
No 6, May-Jun 1957, pp 1297-1299.

Consultants Bureau

Sci - Geophysics
Aug 58

69,370

A discovery of Paleocene *Mammulites* in the
Eastern Carpathians, by G. I. Nemkov, K. L.
Khloponin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV,
No 6, May-Jun 1957, pp 1300-1301.

Consultants Bureau

Sci - Geophysics
Aug 58

69,371

The Quantitative Distribution of Foraminifera
in the Sea of Okhotsk, by Kh. M. Saydova,
6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV,
No 6, May-Jun 1957, p 1302.

Consultants Bureau

Sci - Geophysics
Aug 58

69, 372

The Morphology of the Receptors in the Cerebral Dura
Matter, by V. V. Anisimova-Aleksandrova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV, No 6,
1957, pp 1307-.

Amer Inst of Biol Sci

Sci - Biology

Aug 58

70,303

The Genetic Boundary in the River Valley and Its
Significance in Hydrobiology, by O. S. Zvereva,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV, No 6,
1957, pp 1311-.

Amer Inst of Biol Sci

Sci - Biology

RRX

Aug 58

70,299

Effect of Volatile Substances Liberated by
Actinomyces on Bacteria, by L. I. Rubenchik,
M. N. Chernobylskaya, A. A. Kilchevskaya,
A. N. Filanovskaya, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV, No 6,
1957, pp 1315-~~1327~~.

Amer Inst of Biol Sci

Sci - Biology

Aug 58

70,301

Regeneration in the Scyphistoma of the Scyphozoon
Cyanea Capillata and Its Relation to the Stage of
Development, by S. Z. Kaufman, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV, No 6,
1957, pp 1317-.

Amer Inst of Biol Sci

Sci - Biology

Aug 58

70,317

The Effect of Methyl Thiouracil on Hemorrhagic Shock From Nerve Trauma, by L. P. Dobrokhotova, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV, No 6, 1957, pp 1320-1321.

Amer Inst of Biol Sci

Sci - Biology

Aug 58

70.291

The Role of the Cortex in Restoration of Function
After Hemisection of the Pons, by N. I. Retkina,
2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV, No 6,
1957, pp 1322-1323.

Amer Inst of Biol Sci

Sci - Biology

Aug 58

76, 286

Functional Properties of the Smooth Muscle of the
Intestine in Cold-Blooded Vertebrates, by E. M.
Plisetshaya, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV, No 6,
1957, pp 1324-.

Amer Inst of Biol Sci

Sci - Biology

Aug 58

70, 285

The Hamster (*Mesocricetus auratus*) as Potential
Definitive Host of the Dog Tapeworm (*Diphyllbothrium*
latum), by V. G. Gnezdilov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV, No 6,
1957, pp 1328-.

Amer Inst of Biol Sci

Sci - Biology

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04 205

Table of Contents only

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXV,
No 1, 2, 1957.

CIA/FDD X-2676

Dec 57

Concerning the Bounded Solutions of an Inhomogeneous
Integral Equation, Given on a Semi-Infinite
Interval, With a Kernel Which Depends on the
Difference of the Arguments, by T. A. Gerasimova.

RUSSIAN, per, Dok Ak Nauk, Vol CXV, No 1, 1957,
pp 23-26.

RAE Tr 790

Sci - Physics
Jul 59

92, 202

Measurement of the Primary Cosmic-Ray Flux at 31° N
Latitude, by K. I. Alekseyeva, S. I. Brikler, N. L.
Grigorov F. D. Savin, N. A. Shcherbakov, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXV, No 1, 1957,
pp 71-74.

Amer Inst of Phys
Sov Phys-"Doklady"
Vol II, No 4

Sci + Phys

May 58

63,688

On the Lines Associated with the $L\alpha_{1,2}$ and $L\beta_1$ Lines
of the Germanium Spectrum, by G. P. Borovikova, M. I.
Korsunsky, 3 pp.

RUSSIAN: *Dok Ak Nauk SSSR*, Vol CXV, No 1, 1957,
pp 75-77.

AM Amer Inst of Phys
Sov Phys-"Doklady"
Vol II, No 4

Sci - Phys

May 58

63,689

On New Possibilities to Raise the Efficiency of
Charged-Particle Accelerators, by E. M. Moroz,
2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXV, No 1,
1957, pp 78-79.

Amer Inst of Phys
Sov ~~PH~~ Phys-"Doklady"
Vol II, No 4

Sci - Phys

May 58

63,690

Isotope Separation on the Passage of an Atomic
Beam Through a Region of Ionization, by K. D.
Sinelnikov, B. G. Safronov, G. G. Aseyev, Yu. S.
Azovsky, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXV, No 1,
1957, pp 80-

Amer Inst of Phys
Sov Phys-'Doklady'
Vol II, No 4

Sci - Phys

May 58

63, 691

The World-Wide Distribution of Magneto-Ionospheric
Disturbance and Aurora, by A. P. Nikolsky.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXV,
No 1, 1957, pp 84-87, Encl to IR-759-57, OAIRA,
Ottawa.

Dir Sci Info Sv
DRB T 266R

CONSULTANTS
N. J. K. E. R.

Sci - Geophys
Jan 58
Ref: AF 1146227

57,393

FF 1146227

JPRS/DC-L-469

On Electrical Well-Logging of Stratigraphic Intervals by Acoustical Waves, by N. I. Khalevin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXV, No 1, 1957, pp 88-.

Consultants Bureau

Sci - Geophys

Sep 58

72,675

The Alkylation of α - and β -Naphthols With
Acetylene, by V. L. Vaiser, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXV, No 1,
1957, pp 91-93.

Consultants Bureau

X
Sci - Chem

Aug 58

70,956

The Distribution of Small Quantities of Carbon
in Alloyed Iron, by A. S. Zavyalov and M.
B. I. Bruk, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXV, No 1,
1957, pp 94-96.

Consultants Bureau

Sci - Chem

Aug 58

70,957

The Polymerization of Some Compounds Containing
Two Isopropenyl Groups, ⁴/₀ Yu. V. Mitin and N. A.
Glukhov, 4 pp.

RUSSIAN, per Dok Ak Nauk SSSR, Vol CXV, No 1,
1957, pp 97-99.

Consultants Bureau

XXI

Sci - Chem

Aug 58

TT-64-20171

70,958

The Reaction of Cerium With Hydrogen, by V. I.
Mikheyeva and M. E. Kost, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXV, No 1,
1957, pp 100-102.

Consultants Bureau

Act - Chem

AEC-SCL-TR-464

Aug 58

70,952

Concomitant Decarboxylation During Autoxidation
of Isopropylbenzene in Admixture with Fatty
Acids, $\bar{A}$ by N. N. Mitskevich, T. I. Soroko
and $\bar{X}$ B. V. Erofeyev, $\bar{A}$ pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXV, No 1,
1957, pp 103-106.

Consultants Bureau

Sci - Chem

Aug 58

70,953

Synthesis and Properties of Mono-, Di- and Tri-p-~~EN~~
tolylalkyl Silanes, by N. S. Mametkin, A. V. Top-
chyev, Gu Chan-Li and N. A. Leonova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXV, No 1,
1957, pp 107-109.

Consultants Bureau

Sci - Chem

Aug 58

70,954

Dependence of the Relative Heat Resistance
on Composition in the System Cu-Ni-Si,
by I. I. Novikov and L. I. Dautova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXV, No 1,
1957, pp 110-113.

Consultants Bureau

SLA 60-16447

Sci - Chem

Aug 58

70,955

Properties of α -Cellulose Derived from Fossil
Pinewood of Millennial Age, by A. I. Skrigan,
A. M. Shishko and R. G. Zbankov, 6 pp

4

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXV, No 1,
1957, pp 114-117.

Consultants Bureau

Sci - Chem

Aut 58

70,949

Electron Paramagnetic Resonance in Some Chromium-
Containing Aromatic Compounds of Sandwich
Structure, by Yu. D. Tsvetkov, V. V. Voevodsky,
G. A. Razuvayev, Yu. V. Sorokin, G. A. Domrachev,
4 pp.

^I
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXV, No 1,
1957, pp 118-.

Consultants Bureau

Sci - Chem

Aug 58

CIA/FDD EX-533
70,962

On the Theory of Ordering in Alloys, by I.
L. Aptekar, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CIV, No
1, pp 122-125.

1957

Consultants Bureau

Sci - Chem

73, 674

Aug 58

Dukhin, S. S. and Deryagin, B. V.
THE THEORY OF THE FORCES OF INTERACTION
AMONG QUIESCENT DROPLETS NEAR PSYCHO-
METRIC TEMPERATURE AT ANY DISTANCE. [1963]
8p 3refs

Order from OTS, SLA, or ETC \$1.10 TT-64-10197

Trans. of Akad[emiya] Nauk SSSR. Doklady, 1957,
v. 115 [no. 1] p. 126-129.

DESCRIPTORS: Theory, *Atmospheric precipitation,
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(Earth Sciences--Meteorology, TT, v. 11, no. 9)

TT-64-10197

I. Dukhin, S. S.
II. Deryagin, B. V.

III. *Consultants*
Enclaves

Office of Technical Services

On the Absorption of Oxygen by Lake Muds, by
N. I. Semenovich, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXV,
No 1, Jul/Dec 1957, p 130.

Consultants Bureau

Sci - Chem
Aug 58

69, 313

Protein-Carbohydrate Coacervates and Catalase, by T. N. Evreinova, T. I. Larionova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXV, No 1, ¹⁹⁵⁷pp 133-136.

Consultants Bureau

Sci - Biology
May 58

62,697

The Isolation of α - and β -Components of Procollagen, by
V. N. Orekhovich, V. O. Shpikiter, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXV, No 1, ¹⁹⁵⁷pp 137-

Consultants Bureau

Sci - Biology
Mar 58

62,698

New Types of Solid Solutions in High-Titanium
Slags, by A. V. Rudneva, M. S. Medel, T. Ya.
Malysheva, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXV,
No 1, Jul/Dec 1957, p 141.

Consultants Bureau

Sci - Chem
Aug 58

69,326

Detrital Mineral Provinces of the Cretaceous
Deposits in Southeastern Central Asia, by A. G.
Babayev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXV, No 1,
1957, pp 145-148.

Consultants Bureau

Sci - Geophys

Sep 58

72,666

On the Northern Shoreline of the Maikop Sea at
the Village of Romanovskay on the Don, by T. S.
Kaveyev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXV, No 1,
1957, pp 149-151.

Consultants Bureau

Sci - Geophys

Sep 58

72,667

Neocomian Deposits of the Prichernomorak
Depression, by M. N. Karlov and V. I. Gryn-
snov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXV, No
1, 1957, pp 1452-154.

Consultants Bureau

Sci - Geophys

Sep 58

72,668

Discovery of Upper Carboniferous Marine
Deposits in the Gobi Tien Shan of the
Mongolian Peoples' Republic, by N. A. Mari-
nov and G. I. Khubuldkikov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXV,
No 1, 1957, pp 155, 156.

Consultants Bureau

Sci - Geophys
Sep 58

72,669

Tectonic Characteristics of the Margins of the
Pacific Platform, by D. G. Panov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXV, No 1,
1957, pp 157-160.

Consultants Bureau

Sci - Geophys

Sep 58

72,662

Pre-Glacial Continental Deposits in Khibiny and
Certain Questions of Paleogeography, by A. V. Si-
dorenko and A. V. Galakhov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXV, No 1,
1957, pp 161-163.

Consultants Bureau

Sci - Geophys

Sep 58

72,663

The Devonian of the Malekess Region, by M. F.
Filippova and S. M. Aronova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXV, No
1, 1957, pp 164-.

Consultants Bureau

Sci - Geophys

Sep 58

72,664

Veinlets of Epigenetic Kaolinite in the
Argillaceous Rocks of the Vorkutsk For-
mation, by M. A. Rasteyev, 2 pp.

RUSSIA, per, Dok Ak Nauk SSSR, Vol CXV,
No 1, 1957, pp 168v.

Consultants Bureau

Sci - *Geophysics*

Sep 58

72,681

Cell Structures in the Clarain Coals of
the Donets Basin, D. A. E. Sternberg,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol GKV, No
1, 1957, pp 171-.

Consultants Bureau

Sci - Geophys

Sep 58

73,267

Change in Histological Structure of Integument in Relation to the Physiological State of the Organism, by R. V. Lysogorov, 4 pp.

RUSSIAN, per Dok Ak Nauk SSSR, Vol CXV, No 1, 1957, pp 179-182.

Amer Inst of Biol Sci

Sci - Med

May 58

63,570

On Obtaining New Morphological Characteristics in
Plants and the Possibility of Their Inheritance,
by F. F. Leisle, 3 pp.

RUSSIAN, per Dok Ak Nauk SSSR, Vol CXV, No 1,
1957, pp 183-

Amer Inst of Biol Sci

Sci - Med

May 58

63,567

Quantitative Determination and Biomass of Micro-organisms in the Oxygen Zone of the Black Sea,
by M. N. Lebedeva, 4 pp

RUSSIAN, Dok Ak Nauk SSSR, Vol CXV, No 1,
1957, pp 186-

Amer Inst of Biol Sci

Sci - Med

May 58

63,575

Light Assimilation by Plants in Yakutsk and Tikoi,
by V. P. Dedykin, S. A. Stanko, G. S. Gorbunova,
Z. S. Igumnova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXV, No 1, 1957,
pp 190-195.

Am. Inst. of Phys
Sov Phys-Doklady
Vol II, No 4

Sci - Biology
Apr 58

61,519

The Recapitulation During Ontogeny of the
Sub-Throat Fold in Sturgeon (*Acipenser
guldensmidtii*), by V. I. Strelkovsky, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXV,
No 1, 1957, pp 193-195.

Amer Inst of Biol Sci

Sci - Med

May 58

63,582

The Importance of Vitamins in the Regeneration of
Skull Bone, by T. G. Rogal, 4 pp.

RUSSIAN, per Dok Ak Nauk SSSR, Vol CXV, No 1,
1957, pp 196-

Amer Inst of Biol Sci

Sci - Med

May 58

63,563

The Concergence of one Modification of the Galerkin
Method, by G. A. Zhdanov, 5 pp.

RUSSIAN, per, Dok Akad Nauk SSSR, 115, No 2, 1957,
pp 223-225.

ARM/RSIC-952

GOVERNMENT USE ONLY

Sci/Math

Oct 69

392,216

On One Particular Family of Classes of Functions
in the Algebra of Logic and Their Realization in a
Class of Series-Parallel Networks, by B. I. Finikov,
3 pp.

RUSSIAN, per, Doklady Akad. Nauk, Vol CXV, No 2,
July 1957, pp 247-48.

Automation Express
Vol I, No 1
Internat'l Physical Index

Sci
Jun 59

AVAILABLE 32 5

LIBRARY

91,417

On the Sources of Energy in the Thermal
Excitation of Sound, by B. V. Raushenbakh.
URCL

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXV, No 2,
1957, pp 256-258.

RAE 766

Sci - Phys
Feb 59

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81,468

Inelastic Interaction Cross Section of Carbon Nuclei
for Protons Above 7 Bev, by K. I. Alekseyeva, N. L.
Grigorenko, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXV, No 2, 1957,
pp 259-262.

Amer Inst of Phys
Sov Phys-"Doklady"
Vol II, No 4

Sci - Phys

May 58

63,692

Identification of the Internal Conversion Spectrum of the
Long-Lived Isotopes Eu^{152} and Eu^{154} , by B. V. Bobykin,
K. M. Novik, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXV, No 2, 1957,
pp 263-266.

Amer Inst of Phys
Sov Phys-"Doklady"
Vol II, No 4

Sci - Phys

May 58

63,693

Sound Diffraction by a Thin Bounded Elastic Cylindrical Shell, by L. M. Liamshev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXV, No 2, 1957, pp 271-273.

Amer Inst of Phys
Sov Phys-"Doklady"
Vol II, No 4

Sci - Phys

May 58

63,695

On the Theory of Concentration Quenching of Fluorescence
in Solutions, by B. Ya. Sveshnikov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXV, No. 2, 1957,
pp 274-276.

Amer Inst of Phys
Sov Phys-"Doklady"
Vol II, No 4

Sci - Phys

May 58

63,696

On the Theory of the Decay of a Quasi-Stationary State,
by L. A. Khal'fin, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXV, No 2, 1957
pp 277-

Amer Inst of Phys
Sov Phys-"Doklady"
Vol II, No 4

Sci - Phys

May 58

63,697