

~~XXXXXXXXXXXXXXXXXXXXXXXXXXXX~~

Generalized Equation of Chemical Kinetics and
Its Application to Reactions with Participation
of Solids, by B. V. Yerofeyev, 6 pp.

RUSSIAN, per, Dok Ak Nauk, SSSR, Vol LII, No
No 6, 1946, pp 515-518.

ERDL, Ft Belvoir
T-1097

158,027

Sci
• Jun 61

S-178/60

(SF-1064)

Heterogeneous Catalysis in Polymolecular Adsorption
Layers, by V. I. Gol'danskiy, N. N. Semenov, N. M.
Chirkov, 4 pp.

RUSSIAN, per, ~~Dok Ak Nauk SSSR~~, Vol LII, No 9,
1946, pp 783-785.

JPRS 4081

Sci - Chem

128,424

Oct 60

The Bending of a Circular Plate With an Eccentric
Grooving (Slot) by a Concentrated Force (Theory
of Elasticity), by N. V. Kudryavtsev. ? pp

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. LXXX, No 2,
1946, pp 107-110. 9204995

AEU-SCL-Tr-455
doi: UTS-SCL-T-456

Sci - Engr

Page 63

226856

DAN, Vol 53, p 327-29, 1946

"A Theoretical Explanation of Certain
Peculiarities of the Meridian Profile
of the Surface of the Pacific Ocean,"
V.B. Shakhman

Available at NRL

61-28013

Evakhova, V. F.
STRUCTURE-FORMING MIGRATION OF REGENERATIVE MATERIAL IN THE HYDRA, tr. by Zeld D. Knowles. 12 Sep 51, 8p. (3 figs. omitted) 6 refs.
Order from OTS or SLA \$1.10 61-28013

Trans. of Akad[emiya] Nauk SSSR. (Doklady), 1946, v. 53, no. 4, p. 373-376.

DESCRIPTORS: Biology, *Regeneration, *Radiation effects, X-rays, Tissues (Biology), Cells (Biology), Mitosis, *Radiobiology.

Tests showed that a dose of 5,000 roentgens completely suppresses the regenerative capacity in pelmatohydra oligactis on the ninth day after exposure. The sensitivity of P. oligactis to the effect of the roentgen rays depends on the time of year. In the fall of the year (Biological Sciences--General, TT, v. 7, no. 4) (over)

I. Evakhova, V. F.
II. National Institutes of Health, Bethesda, Md.

Office of Technical Services

Ionization of Gases and Their Breakdown Strength,
by B. M. Gokhberg, E. Ya. Zandberg.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LIII, No 6,
1946, pp 515-518.

NIL N. 3575

Sci - Phys

Jul 62

207,795

DAN . Vol 53, No 6, 1946. p 519-22

"A Tentative Indirect Determination
of the Velocities of the Trade Winds
in the Equatorial Pacific", V. B.
Shtokman

Available at NRL

61-15754

Deryagin, B.
MEASURE DE LA SURFACE SPECIFIQUE DES
CORPS POREUX ET DES CORPS A L'ETAT DIS-
PERSE PAR LEUR RESISTANCE A L'ECOULEMENT
DES GAZ RAREFIES, tr. by Bouchicot. 29 June 60.
[9]p. CEA Trans. no. R 958 (text in French).
Order from OTS or SLA \$1.10

61-15754

Trans. in French of Akad[emiya] Nauk SSSR. Dokl[ady]
1946, v. 53, no. 7, p. 627-630.

DESCRIPTORS: *Porous materials, Surface area,
Measurement, Gas flow.

I. Deryagin, B.
II. CEA-tr-R958
III. Commissariat à l'Énergie
Atomique (France)

176516

Office of Technical Services

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

12 680

Fr-1

DERYAGIN B.

Measuring the specific area of porous substances and powders
by their resistance to low-pressure gas flow

Mesure de la surface spécifique des corps poreux et des corps
à l'état dispersé par leur résistance à l'écoulement des gaz
raréfiés

Dokl. Akad. Nauk, 53, No. 7, 627-630 (1946)

R. 958 - French

E u r a t o m

Carbonyl Compounds and the Chemical Mechanism
of Mutations, by I. Rapoport.

RUSSIAN, per, Dok Ak Nauk, SSSR, Vol 137, No 1,
1946, pp 65-68.

SWA 60-15536 C. S. I. R. O. T4512

Sci

May 60

115,680

Reaction of Catalytic Alkylation of Benzene
by Propylene and Ethylene, by A. V. Topchiev,
et al.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. 114,
1946, pp 81-84.

6

CSIRO

Sci - Chem
May 62

198, 477

On a More Accurate Solution of Reynolds' Equations, by N. A. Sleskin. UNCL

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LIV, No 2, 1946, pp 121-124.

CCT-832B

Sci - Math
Sep 59

96,653

CR (Doklady) Vol 4, # 3, p 201-3 (1946)

On the Experimental Study of Motion of Molten
Metal in an Open Channel

E. Z. Rabinovich

In Process @ NRL
(dep listing)

Reaction of Catalytic Alkylation of Benzene
by Propylene and Ethylene, by A. V. Topchiev,
et al.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LIV,
1946, pp 81-84.

6

CSIRO

Sci - Chem
May 62

198, 477

On a More Accurate Solution of Reynolds'
Equations, by N. A. Sleskin. UNCL

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LIV, No 2,
1946, pp 121-124.

CCT-632B

Sci - Math
Sep 59

96,653

CR (Doklady) Vol 4, # 3, p 201-3 (1946)

On the Experimental Study of Motion of Melted
Metal in an Open Channel

E. Z. Rubinsich

In Process @ NRL
(top listing)

Generalized Reynolds' Equations, by H. A. Sleskin,
S. M. Farg. URCL

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LIV, ⁷⁰³1946,
pp 205-208.

CCT-833B

Sci - Math
Sep 59

96,654

DAN Val 54, No 3, 1946. p. 227-30

"Characteristic Features of the Coastal Circulation in the Sea, and Their Connection with the Transverse non-uniformity of the Wind," V.B. Shtokman

Available at NRL

Some Ecologico-Physiological Peculiarities
of the Arctic and Desert Species of Foxes:
The Arctic Fox (*Alopex lagopus* L) and Gersac
Fox (*Vulpes Gersac* L), by N. I. Kalabukhov,
O. B. Poluzadova.

DIK AK NANK
RUSSIAN, per, ~~Journal of Zoology~~ *Sci USSR*, Vol XIV,
No 4, 1946, pp 373-376.

US Dept of Interior
Tr No 223

USSR
Scientific - Biology

19,652
Nov 54 CTS

CR (Doklady) Vol 54, #5, p 391-3 (1946)

On the Formulas for Resistance Coefficients of
Motion of Melted Metal

E. Z. Rebinovich

In Process @ RLI
(Sep. listing)

RABINOVICH, E. Z.

Doklady Akademii Nauk Sssr, vol. 54, 1946,
No. 5, pp. 395-397;

On the Formulas for the Coefficient of Resistance
in the Movement of Molten Metals.

Butcher Trans, Order No. 2010, \$ 1.65.

178/60

(NY-4820)

on the Surface Preheating of Burning Explosives,
by Z. I. Aristova, O. I. Leipunskiy, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LIV, No 6,
1946, pp 507-509.

JPRS 5555

Sci - Chem

Sep 60

126,101

DAN Val 54, p. 689-92, 1946.

"Equations of a Field of Satal Flow
Induced by the Wind in a Non-
homogeneous Sea", V.B. Shtokman

Available at NRL

1
Born Theory of the Crystal Lattice and of Light
Scattering, by E. Gross, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol LIV, No 9, 1946, pp 787-789.

Morris D. Friedman
Tr G-136

May 58

64,575

DAN Vol 54, No 9, 1946

"On the Breakdown of ^{Gases of} Varying
Dielectric Strength"

L.N. Dobretsyov

Donein G.B.

TPA3/TIB Translation 3711

IA - her 1950 P. 97

LA
A New Highly Refractory Material-Thermito-
Mullite, by R. L. Pevzner.

RUSSIAN, per, Dok Ak Nauk USSR, k No 10, 1946,
pp 1431-.

HB 1932

Sci

DSIR LLU M.1448

Aug 60

Dept of Interior
Bu of Mines
Electrotech Exp Sta
Norris, Tenn

The Sporadic Layer of F₂ in the Ionosphere, by
Ya. L. Al'pert, 2 pp. *Restricted*

RUSSIAN, per, Dok Ak Nauk SSSR, Nova Ser, Vol LX,
No 1, 1947.

FDD/X-3231

RT-12-15

Dec 58

On Turbulent Flow in Rough Tubes, by
V. G. Nevzgljadov.

RUSSIAN, per, Dok Ak Nauk, Vol LV, No 2, 1947,
pp 103-106.

Dept of Interior
Tr No 223

Sci

Jan 63

On the Cooling of an Inhomogeneous Body, by A.
Datshev, 5 pp.

RUSSIAN, zhurnal per, Dok Ak Nauk SSSR, Vol
IV, No 2, 1947, pp 115-118.

Sci Wr Center
RT-3167

Sci - Physics

Aug 1956

37,868

On the Positive Charge of the Sun, by V. Krat,
6 pp.

RUSSIAN, per: Dok Akad Nauk SSSR, Vol LV, No 3,
1947, pp 207-210. 9869204

AID Report T-63-82

Sci. - Phys

Jun 63

234,990

CR ACAD SCI Vol LV, No 7

Mar 1947

4 pp

"The Determination of Eigenvalues and Eigenfunctions
of Certain Operators by Means of a Recurrent Circuit"

L. A. Lusternik, A. M. Prokhorov

ST-100

Article in English in

Comptes Rendus Acad Sci Vol 15, No 7

Trans done for AMC A9-T-12 Brown Univ Wo

8T45

DAN Vol 55, #8, pp 737-40 (1947)

Interatomic Distances in Crystals + Equation
of Hume-Rothery

R. S. Jerkison

AC Digest # X

Copy in files

Theory of Reverberation in the Sea Caused by
the Scattering of Sound, by Yu. M. Sukharevskiy,
4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LV,
No 9, 1947, pp 825-828.

A.C.S.I.L. Tr No 523

Dept Research Programmes and Planning

ADMIRALTY Sep 1951

SLA 61-10281

Scientific - Geophysics

20,329

Radiation of Night Sky in the Infrared Region
of the Spectrum, by V. I. Krasovskiy, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol LVI, No 1, 1949, pp 53-54.

1947?

CIA/FDD/X-1200

Scientific - Physics
CTS/DEX

9180

The Emission From an Electron Moving in Proximity
to a Dielectric, by V. L. Ginzburg.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol LVI, No 2, 1947, pp 145-148.

Def Sci Info Sv
DRB Canada T 103 R

RT-1915
10,806

USSR
Scientific - Electronics

CIA 2503565

Mar 54 CTS

See also Sci 7/10/47

On the Cooling of a Rod Which Consists of
Two Homogenous Portions of Finite Length,
by A. Datsev, 7 pp.

RUSSIAN, thrice-no per, Dok Ak Nauk, Vol LVI,
No 3, 1947, pp 255-258.

Sci Tr Center RT-²~~3112~~
3111

Scientific - Physics
Jan 56 CTS/dex

30,398

DOK AKAD NAUK SSSR NOV SER Vol LVI, No 4

1 May 47

4 pp

"Determination of the Surface of a Body of Rotation with
a Given Determined Pressure"

I. I. Eterman

7025

AR 25 Mar 49

Not published

copy in Lit PA file

IT100

On the Cooling of a Rod Which Consists of
A Finite Number of Homogeneous Portions,
by A. Datsev, 7 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk, Vol LVII,
No 4, 1947, pp 355-358.

Sci Tr Center RT-3112

30,399

Scientific - Physics
Jan 56 CTS/DEX

Isotopic Composition of the Oxygen of Some
Minerals, by A. P. Vinogradov, E. I. Dontsova,
6 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol LVI, No 4, 1947, pp 391, 392.

SLA R-1219

May 58

64,526

NIKITIN, V. P.

Doklady Akademii Nauk SSSR, vol. 56, 1947,
no. 5, pp. 477-480; 3 figures, 1800 words.

Method of Welding Metals by Separate
Processes of Fusion.

Brutcher Trans, Order No. 2553, \$3.45

Combinaisons De Certains Elements Des Terres Rares
Avec Des Thiosulfate. (Combinations of Some
Elements of the Rare Earths With the Thiosulfates),
by D. I. Riabtchikov, V. Volkova, 8 pp.

FRENCH from RUSSIAN, per, Dok Akad Nauk SSSR, Vol
LV, 1947, pp 505-508.

Reverse Translation
AEC/CEA-Tr-R282

Belyaev, A. F. and Belyaeva, A. E.
DEPENDENCE OF COMBUSTION RATE OF PRIMING
EXPLOSIVES UPON PRESSURE. [1963] 6p 12refs
Order from OTS, SLA or ETC \$1.10 TT-63-20657

Trans. of [Akademiya Nauk SSSR, Doklady] 1947, v. 56,
no. 5, p. 491-494.
Another trans. is available from OTS or SLA \$1.10
as TT-63-14390 [1963] 6p.

DESCRIPTORS: *Combustion, *Primers, Pressure,
Mercury compounds, Fulminates, Nitrobenzenes,
Azo radicals, Polycyclic compounds, Acetones,
Peroxide, *Explosive materials.

(Chemistry--Physical, TT, v. 11, no. 4)

TT-63-20657

I. Belyaev, A. F.
II. Belyaeva, A. E.

Office of Technical Services

DAN Vol 46, #5, pp 545-7 (1947)

Pollination in Oaks + Development of Pollen
on the Pistils

S. S. Syatnitskii

Done by Sei Mus Lit.
St-Brit - # 50/2007

Turbulent Air Flow Caused by Wing Vibrations at
Supersonic ~~High~~ Speeds, by E. A. Krasil'shchikova,
5 pp.

RUSSIAN, thrice-a-week, Dok Ak Hank SSSR, Vol LVI,
No 6, 1947, pp 571-574.

Sci Trans Center RT-266

Scientific - Aeronautics
GTS/DEX

10,915

The Doppler Effect at Velocities Exceeding that
of Light, by V. L. Ginzburg, I. M. Frank,
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 56, No 6,
1947, pp 583-586.
Dept of Navy APL/JHU T-2306

Sci-Phys
Oct 69

393,326

The Doppler effect at Super-Phase Velocity, by
V. L. Ginzburg, I. M. Frank.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XVI,
No 6, 1947, pp 583-586.

Ref Sci Info Sv
RFB Canada T 103 R

RT-1877

USSR

Scientific & Electronics

Mar 54 CDS

10,807

CIA 2503565

See also...

Differential Spectral Phototubes, by B. T. Kolomyets,
E. K. Putseiko, 6 pp.

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, Vol LVI,
No 6, 1947, pp 587-588.

Sci Tr Center RT-243

Scientific - Physics

10, 132

DAN

Vol 56, pp 607-9

(1977)

Some Anticipations in Classification & Influence
of Elements on Polymorphism of Iron

N. N. Sirota

cc Dept # X —

Copy in file

58 T 77

The Emission From an Electron or Atom Moving Along
the Axis of a Channel in a Dense Medium, by
V. L. Ginzburg, I. M. Frank.

RUSSIAN; thrice-no pag; Dok Ak Nauk SSSR, Vol LVI,
No 7, 1947, pp 699-702.

Sci Info Sv
DRB Canada T 103 R 10,808

RT-1918

~~USSR~~
USSR

Scientific - Electronics

Mar 54 CTS

CIA 2503565

A Study of the Kubechi "Magnetic" Tube as a
Magnetic Field Indicator, by A. G. Kalashnikov,
M. N. V. Krasnogorskaya, 4 pp.

RUSSIAH, thrice-mo per, Dok Ak Nauk SSSR, Vol XVI,
1947, pp 703-705.

AEC Tr 1919

RT 1246

AKA 126A

Scientific - Physics

Jul 54 GTS

15,589

Filtration of a Gas by a Reactive Porous
Medium, by A. B. Chernyshev, A. A. Pomerantsev,
I. L. Farberov.

RUSSIAN, thirco-~~no~~ per. Dok Ak Nauk. Vol LVI.
1947, pp 727-729.

Def Sci Info Sv
no 7.156.R

Scientific - Chemistry

Feb 55 CTS/DEK

15,166

Oxidation of Gasous Hydrocarbons by Bacteria
as a Basis of Microbiological Prospecting for
Petroleum, by E. N. Bokova.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LVI, No 7,
pp 755-757, 1947. C. A. Vol LXIV, (1950).

Assoc Services
New Jersey

14,909

RS-45

Scientific - Biology
Fuels

5.00 (0.75)

Calculation of Final Probabilities for Branching
Random Processes, by A. N. Kolmogorov, B. A.
Savost'yanov, 4 pp.

RUSSIAN, par, Dok Ak Nauk SSSR, Vol 56, ^{No}(8), 1947,
783-786.

~~51/2697~~

Sci Museum Lib No 51/2697 - London

also TPA3/T113

T3867

R22132T

Some Boundary Propositions of the Theory of Branching
Random Processes, by A. N. Yaglom, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 56, ^{No}(6), 1947,
pp 795-798.

~~SECRET~~

Sci Museum Lib No 51/2654- London
also 7PA3/T1B
T3868
P22133T

(FDD 13530)

Fundamental Questions of the Genesis of Skeletón
Catalysts, by S. L. Lel'chuk.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Nov Ser,
Vol LVI, No 9, Moscow, 21 Jun 1947, pp 933-937.

CIA/FDD/U-2581

USSR

Scientific - Chemistry

Absorption of Ultrasonic Waves in Liquids, by P. A. Bazulin, M. A. Leontovich.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XLVII, 1947, p 29.

Brown Univ Lib

Scientific - Physics

Ltr from Beyer, Brown Univ, to Dr. Brewer, Navy, 31 Jul 1951.

14,432

Elastic Aftereffect in Single Crystals of Tin
subjected to Plastic Flow, by V. I. Likhtman,
I. A. Rebinder.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXX LVII, No 1,
1947, pp 53-56.

HB 4846

cl. - Phys

st 60

129,103

Obtaining Cobalt-Blue and Chromium-Pink Mineral
Stains or Dyes of the Spinel Type, by

S. G. Tumanov, 5 pp.

RUSSIAN, per, Dok Akad Nauk SSSR, Vol 57, No 1,
1947, pp 69-72.

AEC/SC/T-69-1042

Sci/Mat

Oct 69

393,512

About Destructive Action of Meteoric Impacts,
by K. P. Stanyukovich, V. V. Fedynskiy.

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR,
Vol LVII, No 2, 1947, pp 129-132.

ATIC P-TS-8961/III

Sci - Geophysics
Jun 1956

40, 811

Kinetics of the Oxidation of Acetaldehyde in the
Gaseous Phase, by Z. K. Mayzus, N. M. Emanuel, 6 pp.

RUSSIAN, three-mo per, Dok Ak Nauk SSSR, Vol LVII,
No 3, 1967, pp ~~271-276~~ 271-276.

Sci Tr Center
RP-4053

39,863

Sci - Chemistry
Oct 1966 OTE/dex

D4N

Vol 57, # 3, pp 369-370 (1947)

Influence of Parameter Variations of Lattice of
Supercooled Austenite on Temperature of
Beginning of Martensite Transformation in
Iron-Carbon Alloy

V. D. Salenskij
M. V. Yakutovich

OC Digit # X _____
Copy in files

Kinetic peculiarities of the Oxidation of
Acetaldehyde in a "quenched" Reaction Mixture, by
E. A. Blyuzberg, N. N. Emanuel, 4 pp.

RUSSIAN, thrice-~~per~~ per, Dok Ak Nauk SSSR, Vol
LVII, No 4, 1947, pp 361-363.

26,710

Sci Trans Center
RT-2383

Scientific - Chemistry

Sep 55 CTS/DEX

178/60

(SF-1040)

Conditions for the Onset of Instability in
Normal Combustion, by Ya. B. Zel'dovich, A. I.
Rozlovskiy, 7 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LVII, No 4,
1947, pp 365-368.

JPRS 4028

Sci - Chem

Sep 60

125,704

The Enzymatic Hydrolysis of the Crystalline Protein
on Skin, by V. H. Orekhovich, A. A. Tustanovskiy,
K. D. Orekhovich, 3 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk, Vol LVII, 1947, ¹⁰⁵
pp 475-477.

PT 4657
A.E.R.E. Tr 11/3/5/340

Scientific - Biology

CTS/DEX

7294

Sci Museum Lib 53/2/88

<p>Belyaev, A. F. and Belyaeva, A. E. DEPENDENCE OF COMBUSTION RATE OF PRIMING EXPLOSIVES UPON PRESSURE. [1963] 6p. 12 ref. Order from OTS or SLA \$1.10 63-14396</p> <p>Trans. of [Akademiya Nauk SSSR, (Doklady)] 1947, v. 56, no. 5, p. 491-494.</p> <p>DESCRIPTORS: *Combustion, *Primers, Pressure, Mercury compounds, Fulminates, Nitrobenzenes, Azo radicals, Polycyclic compounds, Acetones, Peroxide, *Explosive materials.</p> <p>(Chemistry--Physical, TT, v. 10, no. 5)</p>	<p>63-14396</p> <p>I. Belyaev, A. F. II. Belyaeva, A. E.</p> <p>Office of Technical Services</p>
---	--

On the Disintegrating Action of Meteoritic
Impacts, by K. P. Stanyukovich,
V. V. Fedynskiy.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 57,
No 2, 1947, pp 129-132.
NAS/GSFC/ST-IM-LPES-10802-69

Sci-Astron
June 69

383,183

Phylogenetic Relations Between the Genera
Palaeogadus and Merlucciuc, P. G. Danil'chenko,
RUSSIAN, per, Dok Ak Nauk SSSR, Vol LVIII, NO 4,
1947, pp 659-662.

Dept of Interior
Fish and Wildlife Service
BGF, Bureau of Foreign Fisheries

Sci-B&M
Jul 67

333,009
332,919

Deryagin, B. V., Gol'danskij, V. I., and
Karasev, B. V.
STUDY OF POLYMOLECULAR ADSORPTION AND
CONDENSATION OF VAPOR ON GLASS BY AN
OPTICAL METHOD. [1961] 4p.
Order from ATS \$8.70 ATS-17N49R

Trans. of Akad[emiya] Nauk SSSR. Doklady, 1947,
v. 57, no. 7, p. 697-700.

(Chemistry--Physical, TT, v. 5, no. 10)

61-12997

1. Vapors--Adsorption
2. Vapors--Condensation
3. Glass--Adsorptive
properties
- I. Deryagin, B. V.
- II. Gol'danskij, V. I.
- III. Karasev, B. V.
- IV. ATS-17N49R
- V. Associated Technical
Services, Inc., East
Orange, N. J.

AT/PT-1002

1958JH

Office of Technical Services

178/60

(SF-1048)

Limiting Diameters of Discharges of Chemically
Homogenous Explosive Substances, by V. K.
Bobolev, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LVII, No 8,
1947, pp 789-792.

JPRS 4026

Sci - Chem

Sep 60

125,702

Some Limit Theorems of the Theory of Branching
Random Processes, by A. N. Yaglom.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LVI, No 8, 1947,
pp 795-798.

*AERE/Harwell

Sci - Math & Data Proc
Oct 63

Bacteriophage in the Sea, by A. Kriss, E. Rukina,
RUSSIAN, no per, Dok Ak Nauk SSSR, Vol LVII, No 8,
1947, pp 833-836.

UKSM No 3117

Sci
Oct 57

Biology

54,129

The Two-ridge Irreversible-reciprocal System of Potassium and Barium Fluorides and Chlorides, by E. I. Banashek, A. G. Ganyanov, Bergman, 7 pp.

(57)
RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXII, No 9, 1977, pp 905-906.

Sol. En. Center
RT-1977

Scientific - Chemistry

18,918

Periodichnosti i ritm rosta sredizemnomorskikh sosen
kak pri znak rodstvennoy svyaziiki mezhdu soboy,
by V. S. Guilsashvili.

RUSSIAN, per. Dok Ak Nauk SSSR, Vol LVII, No 9,
1947, pp 955-958.

²⁴
*OTS 63-11039

*PL 480

~~PL 480~~

PST - 697

Sci
Apr 61

Comptes Rendus (Doklady) de l'Academie des Sciences
de l'URSS

57, 1947 pp 1013-1016

Done by AEC

TIB An optional method for obtaining
 strictly monochromatic radiation,
 by N. R. Batarchukova.

A Possible Method of Investigation^{ng} of the Selective
Absorption of Gamma Rays by Atomic Nuclei, by
I. Barit, L. Groshev, M. Podgoretskiy.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol:LVIII, 1947.

AEC TR

Scientific - Nuclear Physics

14,447

Reverberation of the Sea in Directed Radiation
and the Reception of Sound, by I. M. Sukharevskiy,
6 pp. UNCLASSIFIED

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol LVIII, No 1, 1947. ~~pp 61-62~~

Navy Tr 237/EO
RT-1072

61-18955 20,334

USSR
Scientific - Geophysics

Nov CTS Dex only

Phase-Changes in Alkaline Earth Soaps, by
G. B. Vinogradov. UNCL

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LVIII,
No 1, 1947, pp 73-75.

DSIR Lending Library Unit
M. 188

Sci - Chem
Apr 59

85,860

Isotopic Composition of the Oxygen of Alumino-
Silicate Rocks, by A. P. Vinogradov, E. I.
Dontsova, 6 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LVIII,
No 1, 1947, pp 83, 84.

SIA R-1197

May 58

64,524