

Vlasov, N. A. and Tsirel'son, E. A.
ANGULAR DISTRIBUTION OF γ -QUANTA FORMED
DURING THE ANNIHILATION OF POSITRONS
(Uglovoye Rasprodelenie γ -Kvantov, Abrazuyushchik-
laya pri Annigilyatsii Pozitronov) tr. by A. Pingell.
1951, 6p 4refs. NRL Trans. no. 370.
Order from OTS or SLA \$1.10

TT-63-24372

Trans. of Akademiya Nauk SSSR, Doklady, 1948, v. 50,
no. 3, p. 879-882.

Another trans. is available from SLA as RT-899, 6p.
(Abstract available)

DESCRIPTORS: *Annihilation radiation, *Positrons,
*Gamma rays, Distribution, Coincidence counting,
Quantum mechanics, *Nuclear reactions, Measurement.

The results of two series of measurements are pre-
sented. The first series was carried out with a distance
of 25 cm. between the source of positrons and the near-
(Nuclear Physics and Nuclear Chemistry, TT, v. 11,
no. 1)
(over)

TT-63-24372

- I. Vlasov, N. A.
- II. Tsirel'son, E. A.
- III. NRL Trans-370
- IV. RT-899
- V. Naval Research Lab.,
Washington, D. C.

Office of Technical Services

Biochemical Characteristics of Plant Resistance to
Microorganisms, by B. A. Rubin, E. Artsikhovskina.

Full translation.

RUSSIAN, Dok Ak Nauk SSSR, Moscow, 1948, p 86.
464.41 R82

USDA Tr

USSR

Jul 53 CTS/DEX

Scientific - Biology

3415

JAN

Vol 89, #5, pp 899 (1948)

Crystal Structure of InBi

E. I. Makarov

Ac. Deg. t #X —

Copy in files

44T95

Ultraviolet Absorption Spectra of Mixtures of
Nucleotides and Amino-Acids, by A. A. Farkhman
USSR

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LIX, No 5,
1948, pp 945-947.

DSER Lending Library Unit M. 186

Sci - Phys
Apr 59

83,861

DAN

Vol 59, #6

(1968)

Influence of External Friction on Formation of
Shock Waves in Cylindrical Tubes

E. V. Stupachenko

In process HNIC
(26.000 - June 51)

DAN SSSR, LX, No. 6, 1105-7
21. Feb. 1948.

Ya. I. Or'shanskii, New
Method of Experimental Work
at High Temperatures

Proj - 7582

DEC 12 1950

DAN

Vol 59, # 8, pp 1113-6 (1948)

Orientation of Silver (+ potassium iodide
crystals) on mica

M. K. Andrushtchenko,
et al.,

DC Dist # X
Copy 2 in files

The Effect of Various Cations on the Course of the
Anodic Process in the Electrolysis of their Chlorides,
by M. A. Ingaryshev, M. G. Khachataryan.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. 111, No. 6, 1968,
pp 1125-1128.

AMS 83-1234

Sol - Chem
Apr 60

114,562

DAN, Vol LIX, #6, 1/24 (1948)

"A Simple Method for the Calculation of
Triplet States of Complex Molecules" by
M.A. Kanner, L.M. Sverdlov

Done by AEC

Trans. # 215

Phenomena Related to the Cooling of Some
Reacting Mixtures, by N. M. Emanuel,

RUSSIAN, per, Dok Ak Nauk SSSR,
Vol LXX, 1948, pp 1137-1140.

MX
NLL M. 3381

Sci - Chem

186,698

Web 62

The Elongation of the Gene Molecule, by L. A.
 1957, 6 pp.

SEARCHED, per, Tok Ak Nakh BSRP, Vol LIX, No 6, 1949,
p. 1163-1166. 9069767

QTS 61-11478
PL-480

4 - 1101

52

254

207, 548

The Specificity of the Action of the Optical
Isomers of Acorichine on Species of Mollusks With
Tests Having Both Dextral and Sinistral Coiling of
the Spires, by V. V. Al'patov, O. K. Kastyukova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LIX, No 6,
1948, pp 1221-1224.

ATS-35L37R

Sci

OTS, Vol III, No 8

Apr 61

145,109

DOK AKAD NAUK SSSR, NOVA SER Vol LIX, No 7 1 Mar 48

3¹/₂ PP

"Synthesis of Substituted Benzylphosphine Acids and
Their Esters"

B. P. Lugovkin, B. A. Arbuzov

Trans. by Res Inform Serv
509 5th Ave, N.Y. 17
R-544

47T12

Dependence of Relative Quantum Yield
of Luminescence of ZnO On Length of
Excitation Wave, by F. I. Vergunas,
F. F. Gavrilov.

RUSSIAN, per, Dokl Akad Nauk SSSR,
Vol LIX, No 7, 1948, pp 1273-1275.
NASA TT F-10,390

Sci-Phys

Jan 67

316,496

DOK AKAD NAUK SSSR, NOVA SER Vol LIX, No 7 1 Mar 48

pp 1281-1282 "2 pp

"Effect of Diffusion of the Second Order on Brightness
of the Crepuscle at the Zenith"

N. M. Shtaude

NRL Translation 220

47Th7

DOK AKAD NAUK SSSR, NOV SER Vol LIX, No 7 1 Mar 48

2ⁱ/2 pp

"Effect of Multiple Diffusion of Light on Brightness
of the Crepuscular Sky"

G. V. Rozenberg, I. A. Khvostikov,
F. F. Yudalevich

NRL Trans 221

47T48

A New Method of Synthesis of Phenylthiophenes
and Their Homologues, by A. S. Breun, M. G.
Voronkov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LIX, No 7,
1948, pp 1293-1296.

Res Info Sv R.586

Sci - Chemistry
Jan 1956/CTS No 77

30,543

53 Nassau St., New York 5, N.Y.

Aluminum Silicates and the Conversion of Ketones;
by A. Ia. Larin, A. V. Frost.

RUSSIAN, per, ~~USSR~~ Dok Ak Nauk SSSR, Vol. ~~157~~^{LIX},
No 7, 1948, pp 1297-1300.

Res Info Sv R.587

Sci - Chemistry
Jan 1956/CTS No 77

30,534

53 Nassau St., New York 5, N.Y.

The Synthesis of Benzylphosphonic Acid Substitutes
and Their Ethers, by B. P. Lugovkin.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LIX,
No 7, 1948, pp 1301-1304.

Research Information Service

R-55

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Scientific - Chemistry

Jan 56 CTS/DEX

Chromium Catalysts in ~~XX~~ Diallyl Aromatisation,
by A. F. Plate, M. I. Batuyev.

RUSSIAN, per, Dok Ak ~~NAK~~ Nauk SSSR, Vol LIX,
No 7, 1948, pp 1305-1308. CIA D 151398

Res Info Sv R.545

Sci - Chemistry

Jan 1956/CTS No 77

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53 Nassau St., New York 5, N.Y.

Hysteresis in Recrystallization, by N. N. Sirota.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LIX,
No 7, 1948, pp 1309-1312.

Res Info Sv R.546
53 Nassau St
NY

Scientific- Chemistry

Feb 56

31,081

Kinetics of Oxidation of Silver by Molecular
Oxygen in Gaseous Electric Discharge, by V. V.
Lyudskanov, P. D. Pashev, 6 pp.

RESEARCH, per, Dokl Akad. Nauk BSSR, Vol LXI, 1949,
pp 1313-1315.

AMS 3409

Sci - Phys

Doc 58

78, 273

Heat of Polymorphic Transformations of Calcium
Orthosilicate, 5 pp. by P. I. Gusev.

RUSSIAN, no per, Dok Ak Nauk SSSR, Vol LXX, No 7,
1948, pp 1321-1324.

SLA 59-17092

Sci Museum No 52/1639

OSIRIS Library Unit

M. 110
Scientific - Chemistry

14, 998

TT-64-12892

Il'in, G. S.
SYNTHESIS OF ALKALOIDS ON ISOLATED GRAFTS
OF TOBACCO. [1954] 11p
Order from K-H \$6.60 K-H-1592

Trans. of Akademiya Nauk SSSR Doklady 1948,
v. 59, no. 7, p. 1325-1328.

I. Il'in, G. S.
II. K-H-1592
III. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

(Biological Sciences--Biochemistry, TT, v. 12, no. 1)

Office of Technical Services

(TDD 15 16309)

Sterility of Wheat - Wildrye Hybrid of the First
Generation, by I. A. Palczschuk, 8 pp. RESTRICTED

RUSSEAN, thrice no par, Dok Ak Hark USSR, Moscow
Series, Vol LIX, No 7, Moscow/Leningrad, Mar 1978,
pp 1341-1344.

CIA/TDD/U-3356

USSR

Economic - Agricultural

1512

DOK AKAD NAUK SSSR, NOVA SER Vol LIX, No 8 Mar 1948

4 pp

"Operational Cycles of Horizontally and Vertically
Acting Tabulators"

I. Ye. Akushskiy

Will be done by FDB by phone

1 Mar 1949. Copy in files
(see also 51T36)

47T49

On the Theory of Branching Random Processes, by
B. A. Sevastyanov, 4 pp.

RUSSIAN, per, ^{No}Dok Ak Nauk SSSR, Vol 59, (8), 1948,
pp 1407-1410.

~~SECRET~~

Sci Museum Lib No 51/2649 - London

also TPA3/T1B

T3870

P 2212.9T

Dok Ak Nauk SSSR Vol 59 no 9 1547-9 1948

Dobretsov, L. N.

Breakdown in gases of different dielectric strengths.

Avail at BNL AEC tr 463 29 June 1951

Sci Mu tr 12.50/5322

Certain Tabulator Operation Cycles Connected With
Representation of Numbers of Twofold System, by
I. Ya. Akushkiy, 13 pp.

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No 9, 1948.

CIA/FDD/X-1245

~~SECRET~~

Sci Trans Center RT-202

Done by RDB

Scientific - Mathematics

Feb 54 CTS

9839

Tolstoi, N. A.
ON THE THEORY OF FLOW BIREFRINGENCE
(K Teorii Dvojnogo Lucheprelomleniya v Potoke).
[1962] {12}p. (foreign text included) 7 refs.
Order from OTS or SLA \$1.60 62-16214

Trans. of Akademiya Nauk SSSR. Doklady, 1948,
v. 59, no. 9, p. 1563-1566.
Another trans. is available in Dutch from OTS or ETC
\$1.55 as 61-17954, MTWL-318, 3p.

DESCRIPTORS: *Refractive properties, *Fluid flow,
Theory.

(Mechanics--Hydrodynamics. TT, v. 8, no. 5)

62-16214

I. Tolstoi, N. A.

Office of Technical Services

STAN

Vol 57, # 7, pp 1571-74 (1985)

Precipitation of Carbides on Tempering Quenched
Alloy Steel

Y. N. Arkharov +

S. T. Pavlov

OC Report # X —
Copy for file

Transformation of Contact Relay Systems of Class
H (n), by M. A. Gavrilov, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LIX, 1948,
pp 1579-1582.

Assoc Tech Serv

Sci

Aug 58

72,729

Growth Substances as a Possible Means of Controlling
the Drop of Cotton Bolls, by IU. V. Rakitin, and
K. E. Ocharov.

RUSSIAN, Akad. Nauk SSSR, Dok. 59: 1665-1668,
March 21, 1948, 511 P444A.

USDA Tr No 32

Scientific - Biology, growth substances

USSR

Economic - Agriculture, growth substances

New Methods of Computation of Sums of Functions by
Means of Tabulators, Exppr I. Ya. Akushkiy, 8 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LX, No 1,
pp 5-8, 1948.

Sci Tr Center RT-252

Scientific - Mathematics

10, 121

DOK AKAD NAUK SSSR, NOVA SER Vol LX No 1 Apr 1948

"A New Absorption Zone in Alkaline-Haloid Phosphors
Activated by Thallium" 4 pp.

O. V. Fialkovskaya

Done by NRL
Tr. 160 NRL 293

RT-846

63T103

DOK AKAD NAUK SSSR, NOVA SER Vol LX, No 1 Apr 1948

"Computation of the Speed of the Transformation of Sheet
Pearlite in Austenite of Eutectoid Steel During Electric
Heating" 4 pp.

N. M. Rodigin

In process
Navy Trans. 972 NRL 323
(January 1951)

63T59

DOK AKAD NAUK SSSR, NOVA SER Vol LX, No 1 Apr 1948

"General Equation for the Kinetics of Chemical Reactions
in Gases" 4 pp

L. I. Sedov

Done by Sci Museum Lit
G.B. 50/1023

63T18

DOK AKAD NAUK SSSR, NOVA SER Vol LX, No 1 Apr 1948

"Rapid Method of Simultaneous Microdetermination of Carbon, Hydrogen, Haloids or Sulfur in Organic Compounds"
2 1/2 pp.

M. O. Korshun, N. S. Sheveleva

Trans. by Res. Inform Ser
509-5 AR N. Y. 17
R-552

63T19

The Synthesis of Vinylpropylary Alcohol, by I. M.
Gverdtaiteli.

RUSSIAN, per, 3 x mo, Dok Akk Nauk SSSR, Vol LX, No
1, 1948, pp 57-58.

Res Info Serv R.550
53 Nassau Street,
New York 5, N. Y.

Sci - Chemistry

32,079

The Influence of Halide Substitutes for Ethylene on
Butadiene and Anthracene, by V. M. Zorostrova,
B. A. Arbuzov.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol IX,
No 1, 1948, pp 59-61.

OTS 61-17305
Res Info Sv R.551
53 Nassau St
NY

Scientific - Chemistry

31,062
Feb 56

DOK AKAD NAUK SSSR, NOVA SER Vol LX No 1 Apr 1948

A New Method for Simultaneous Micro-Determination of
the Carbon, Oxygen, Halogen or Sulfur Content in
Organic Compounds., by M. O. Korshun, N. S. Sheveleva,
pp 9 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LX,
1948, pp 63-65,

AEC-tr-1797

On the General Form of Equations of the Kinetics
of the Chemical Reactions of Gases, by L. I.
Sedov. UCL

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LX, No 1, 1948,
pp 73-76.

DSIR LIU (loan) M. 889 229

Sci - Phys
May 59

87,890

On the Antigenic Properties of Action of Cross-Striated Musculature and on Certain Characteristics of Contractile Proteins of the Smooth Muscles, by I. I. Ivanov, E. G. Kiseleva, 10 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol IX, No 1, 1948, pp 81-84. *CIA 9508105*

WH 3-28

Sci - Biology
Apr 57 CTS/dex

45,765

Investigations Concerning the Behavior of Chromatin
Material in Cytoplasm of Nerve Cells With the Help
of Ultraviolet Microscope, by E. P. Moosayev, A. A.
Perchmin, 6 pp.

RUSSIAN, par, Dok Ak Nauk SSSR, Vol LX, 1948,
pp 123-126.

NIM 11-32

Sci - Med
Dec50

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(FDD 27167)

Solution of the Problems of Diffraction of a
Plane Electromagnetic Wave From a Paraboloid of
Revolution of Infinite Dimensions by Means of
Laguerre Functions, by R. G. Mirimanov, 6 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol LX, No 2, Moscow, 1948, pp 203-206.

S.L.A. R-220
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Sci - Electronics

33,721

The Moment of a Two-Photon System, by L. D.
Landau, 5 pp.

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No 2, 1948, pp 207-209.

Sci Trans Center RT-865

Scientific - Nuclear Physics
CTS/DEX

13,955

Three-Photon Annihilation ^{of} Electrons and Positrons, by
E. M. Lifshits, 3 pp.

RUSSIAN, thrice-mo per. Dok Ak Nauk SSSR, Vol LX, No 2,
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Sci Trans Center RT-866

Scientific - Nuclear Physics
CTS/DEX

14,075

Selection Rules in the Annihilation of Electrons
and Positrons, by I. Pomeranchuk, 5 pp.

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~~Attn: Sec~~
Sci Trans Center RT-879

Scientific - Nuclear Physics
CTS/DEX

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A Possibility for Increasing the Depth of Modulation
in the Kerr Effect, by N. A. Tolstoy, P. P. Tectilov,
6 pp.

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, Vol IX,
No 2, 1948, pp 219-221.

CIA/PDD/X-1354

physics
Scientific - ~~Chemistry~~
CTS/DEX

14,391

The Mechanism of Disulfite Reactions, by V. N.
Ufimtsev.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol IX, No 2,
1948, pp 239-241.

Res Info Sv R.555

Sci - Chemistry
Jan 1956/CTS No 77

30,592

53 Nassau St., New York 5, ~~NEW~~ N.Y.

Tentative Calculation of Solubility of
Calcium Sulfate in Aqueous Salt Solutions,
by E. B. Shternina

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR,
Vol LX, No 2, 1948, pp 247-250.

Brutcher Tr 3124

ATC/RT-3790

Scientific - Chemistry
Sci CTS/DEX

Price \$3.60

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The Flow of Coastal Detritus Along the Caucasian
Shore of the Black Sea, by V. P. Zenkovich.

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p 263-265.

Navy Tr 1574/HO-6

Sci - Geophysics

56, 031

Dec 57

DOK AK NAUK SSSR

Vol LX, No 3, 1948, 4 pp

"The Effect of Phenamine on the Motor Reflexes of Makak
Monkeys"

L. G. Voronin
G. I. Shirkova

Page 2667

3677

T-224

1460/77

77T71

The Kinetics of the After-glow of Crystallophosphors,
by E. I. Adirovich.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LX, No 3, 1948.

AEC Tr 197

PA 77T100

Scientific - Physics

June CTS

12,889

DOK AK NAUK SSSR

Vol LX, No 3, 1948, 4 pp

"The Contraction of Lanthanides and Interatomic Distances"

B. S. Sarkisov

A.E.C. Tr 102

CC trans # X

77T98

DOK AK NAUK SSSR

Vol LX, No 3, 1948, 4 pp

"The Thermokinetic Model of Homogeneous Periodic Reactions"

I. Ye. Sal'nikov

Done by Sci Mus Lit
G. B. #50/1021

DSIR, LLO (copy)

address.

DSIR Lending Library Unit

20 Chestel Terrace

London, N.W.1 77T16

DAN Vol 60, No 3, P 381-85

"Variations of the Heat Resistance
of Metallic Solid Solutions with
Temperature"

A.M. Borzdika

Done in G.B. by BSA Group Research Centre

GRC/T.117

IA, May 1950 P.101

Formation de Complexes de Fluorures des Metaux
Alcalins Avec Les Metaux de Quatrieme Groupe,
(Formation of Complexes of Alkali Mx Metal R
Fluorides With Metals of the Fourth Group), by E.
P. Dergunov, A. G. Bergmann, 8 pp.

RUSSIAN to FRENCH, per, Dok Ak. Nauk SSSR,
Vol LX, 1948, pp 391-394.

Reverse Trans
CEA Tr-R-92x 920

Sci
26 Apr 61

Oxides of Tri-Isobutylene, by A. P. Meshcheryakov.

^{three -}
RUSSIAN, ~~3~~ mo, per, Dok Ak Nauk SSSR, Vol LX,
No 3, 1948, pp 399-400.

Res Info Serv R.556
53 Nassau Street,
New York 5, N. Y.

Sci - Chemistry

32,047

Raman Spectra of the Rotational Isomerism of
1,2 Dihalide Ethanes, by O. L. Aronov, V. M.
Tatevskiy, A. V. Frost

RUSSIAN, thrice-102 par, Dok Ak Nauk SSSR, Vol LX,
No 3, 1948, pp 387-90.

AEC Tr 369

Scientific - Physics
Mar 51 CTS

Sci Tr Center TT-178

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A Thermo-Kinetic Model of Homogeneous Periodic
Reactions, by I. E. Sal'nikov, 8 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LX, No 3, 1948,
pp 403-408.

SLA 59-19121

Sci
Jun 60
Vol III, No 5

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DOK AK NAUK SSSR

Vol 4X, No 3, 1948, 4 pp

"Reversible Photochemical Restoration of Chlorophyll by
Ascorbic Acid" 4pp

A. A. Krasnovskiy

AEC Trans 28
List dated 20 Jan 50

RT 3708

77T9

The Effect of Ethylene Oxide, Glycide and Glycols in
Genic Mutation, by I. A. Rapoport,

RUSSIAN, tarice-mo. dek, Dok Ak Nauk SSSR, Vol IX,
No 3, 1948, pp 469-472. 9089759

~~XXXXXX~~
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Scientific - Biology
CTS/DEX

PL 475 -
OTS 61-11477 14,050
PST 533

New Species of Mites of the Genus *Tyrophagus* Ouds.,
1923, by V. I. Volgin, 7 pp.

RUSSIAN, thrice-no per. Dok Ak Nauk SSSR, Vol LX,
No 3, 1948, pp 509-511.

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Scientific - Biology

May 54 CTS

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Mechanism of Emulsion Polymerization: Poly-
~~vinyl cyanide~~ of Vinyl Cyanide and Methyl
Methacrylates, by P. M. Khomikovskiy, 11 p.

Dok
RUSSIAN, per, Akad Nauk SSSR, 1948, Vol LX,
No 4,

RIS B 560.

Sci
Apr 60
Vol III, No 3

113083

62-10906

Makel'mov, N. A. and Petinov, N. S.
DETERMINATION OF THE SUCTION FORCE OF
LEAVES BY THE COMPENSATION METHOD WITH
THE AID OF A REFRACTOMETER (Opredelenie
Sosushchei Sily List'ev Metodom Kompensatsii s
Pomoshch'yu Refraktometra). [1962] 7p. 13 refs.
Order from OTS or SLA \$1.10 62-10906

Trans. of Akademiya Nauk SSSR. Doklady, 1948,
v. 62, no. 4, p. 537-540.

DESCRIPTORS: *Plants, Physiology, Water, *Refrac-
tometers, Area suction, Diffusion, Pressure,
*Evapotranspiration.

(Biological Sciences--Botany, TT, v. 8, no. 8)

I. Makel'mov, N. A.
II. Petinov, N. S.

Office of Technical Services

DOK AK NAUK SSSR

Vol LX, No 4, 1948, 3 pp

"On the Condensation Action of Methylene Radicals on
Ethylene"

Ya. T. Eydus

AEC Tr 284
Brookhaven

See V. A. ...
Res INFO SV

R-558

77T1

DOK AK NAUK SSSR

Vol LX, No 4, 1948, 4 pp

"On the Mechanism of Emulsion Polymerization: Polymerization in Water and Soap Solutions"

P. M. Khomikovskiy

Transl by Res Infor Ser
509 - 5th Av, N.Y. 17

T. F. W-490

R-557

R-560

77T2

DOK AK NAUK SSSR

Vol LX, No 4, 1948

or Ser 564 2 pp

"Resonance Paramagnetic Absorption in Er ~~+++~~ and Ce ~~+++~~
Salt Solutions"

B. M. Kozyrev

NRL Trans. 205

RT-809

77T7

Anomalous Variation of the Electric Resistance
of the Ni₃Mn Alloy in a Magnetic Field, by A.
Komar, I. Portniagin.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LX,
No 4, 1948, pp 569-570.

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

The Reaction Between Sulfuric Acid and Its Simple
Derivatives: A Contribution to the Theory of Sul-
fonation, by A. M. ~~Lukin~~. *Lukin*

RUSSIAN, thirce-mo per, Dok Ak Nauk SSSR, Vol LX,
No 4, 1948, pp 591-594.

Res Info Sv R.557
53 Nassau St
New York

Scientific - Chemistry

Feb 56

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Photochemical Properties of Methane Sensitized by
Mercury: A Study of Intermediate Products,
by A. B. Nalbandian.

RUSSIAN; per; Dok Ak Nauk SSSR, Vol. LX,
No 4, 1948, pp 607-610.

Res Info Sv R-559

Sci - Chemistry
Jan 1956/CTS No 77

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53 Nassau St., New York 5, N.Y.

7

Interpretation of Critical Conditions in Chemical
Kinetics, by I. N. Sal'nikov, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol IX, No 4, 1948,
pp 611-618.

SLA 59-19122

Sci
Jun 60
Vol III, No 5

119,176

Regularities in Disintegration of the Coloring
Centers in the Smoky Quartz Crystals, by N. E.
Vedeneyeva, L. G. Chentsova, 8 pp.

RUSSIAN. threes-no per, Dok Ak Nauk SSSR,
Vol LX, No 4, 1948, pp 649-652.

SIA R-1205

May 58

63,941

Quenching of Fluorescence of *Agave* and Chlorophyll *fluorescence* by Foreign Molecules, by
V. B. Evstigneyev, A. A. Krasnovskiy, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol IX,
No 4, 1948, pp 623-626.

36,102
Sci Tr Center RT-3705

Scientific - Chemistry

AEC-2156

Jun 56/dax

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Hardness, Mechanical properties, Fracture
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X-rays.

Dark-colored and similar components of quartz crys-
tals, colored by X-rays are subjected with difficulty to
the twinning process under beta passes over to alpha
passes over to beta transformation; they differ by
smaller micro-hardness and greater heterogeneity and
fragility from the colorless and light-colored
components. (Author)

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