

On the Dynamics of Evaporation of Polycomponent  
Solutions in a Nonvolatile Solvent, by L. I.  
Rubinshtein, 3 pp.

Full translation.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XCI,  
No 4, 1953, p 767-769.

NSF 132

Scientific - Physics

CTS/DEX

8345

*See translation file 5/1/84*

Electric Conductivity of Metals at High Current Density,  
by Ye. S. Borovik, 5 pp.

Full translation.

RUSSIAN, thrice-EO per, Dok Ak Nauk SSSR, Vol XCI,  
No 4, 1953, p 772-774.

NSF 140

Scientific - Physics

CTS/DEX

8353

*Sci Trans. Lib 54/0092*

*W*  
X-Ray Absorption Spectra of Ni, Cu, and Zn Ions in  
Aqueous and Nonaqueous Solutions, by E. Ye.  
Vainshtein, V. S. Kavetsky, *et al.*

Full translation.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XCI,  
No 4, 1953, p 775-778.

NSF 141

Scientific - Physics

CTS/DEX

8354

*See also... 3/1/77*

Characteristic Functions of Real Reconstructors, by  
V. M. Vakhnin, 5 pp.

RUSSIAN, thrice-a-month, Dok Ak Nauk SSSR, Vol XCI,  
No 4, 1953, p 779-782

ESP Tr 166

Scientific - Electronics  
CIS/DEX

8909

Sci Museum Lib 34/0897

Effect of Temperature on Light Absorption in Thin  
and Extra-Thin Layers of Silver, by A. G. Gumenyuk, 5  
RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XCI,  
No 4, 1953, p 783-786.

NSF Tr 171

USSR  
Scientific - Physics

Jan 54 CTS

8928  
*Sci Museum Lib 24/0887*

Properties of the Superconducting Modification of  
Bismuth, by N. V. Zavaritsky.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XCI,  
No 4, 1953, p 787-790.

RSF Tr 172

USSR  
Scientific - Electricity

8929

Jan 54 CIS

The Modulation Method of Measuring Dispersion of  
Ultrasonic Radiation, by V. A. Zverev, 4 pp.

Full translation.

RUSSIAN, thrice-mo per, Dok Akad Nauk SSSR, Vol XXI,  
No 4, 1953, p 791-794

REF 133

Scientific - Physics

CTS/DEX

*See memo serial 54/0900*

*8346*

On the Theory of Magnetic Susceptibility of Thin  
Layers of Metals at Low Temperatures, by I. M.  
Lifshits, A. M. Kosevich, 5 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol KCI,  
No 4, 1953, p 795-798.

NSP 156

Scientific - Minerals/Metals  
ETS/DEX

8537



Electrolytic Heating as a Means of Improvement of  
Drawing Processes, by S. I. Gubkin, V. S. Muras, 4 pp

Full translation.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XCI,  
No 4, 1953, p 803-806.

RSP 142

Scientific - Physics

RSP CTS/DEX

*Handwritten:* 54/0780 8357

Passive Radiating Systems in Wave-Guides, by  
M. L. Levin.

RUSSIAN, thrice-mo per. Dok Ak Nauk SSSR, Vol XCI,  
No 4, 1953, p 807.

NSF Tr 167

USSR  
Scientific - Physics

Jan 54 CTS

8932

Study of Phase Transformations by Internal  
Friction Method, by K. M. Rozin, B. N. Finkelshtein,

<sup>3 pp</sup>  
Fall translation.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XXI,  
No 4, 1953, p 811-812.

NSP 143

Scientific - Physics

CIS/DEX

*8358*  
*Sel. Russian ... 1959*

Glycol Esters of Pyrophosphorous Acid, by  
B. A. Arduzov, 8 pp.

RUSSIAN, thrice mo per, Dok Ak Nauk SSSR, Vol 91  
No 4, 1953, pp817-820.

Sci Tr Ctr RT-3838

Sci - Chemistry  
Aug 56 CTS/dex

37,530

The Thermal Chlorination of N-heptane, by  
R. S. Galanina, 7pp.  
RUSSIAN, per, Doklady Akademiya Nauk, Vol  
91, No 4, 1953, pp 829-832.  
CFSTI TT-64-20177.

322,322

Sci - Chemistry  
Mar 67

The Reaction of Neutral and Acid Esters of Phosphorous Acid with Esters of Halo-substituted Aliphatic Acids, by Gil'm Kamsy, V. A. Kukhtin, 7pp.

RUSSIAN, thrice-mo<sup>o</sup>ly pr, Dok Ak Nauk SSSR, Vol XCI, No 4, 1953, pp 837-839.

Sci Tr Ctr RT-3847

Sci - Chemistry  
Aug 56 CTS/dex

37,536

Precipitation of  $Ni_3Ta$  From Alloys of ~~XXXX~~ Nickel  
Tantalum Binary System, by I. I. Kornilov, E. N.  
Pylayeva.

RUSSIAN, per, Dok Ak Nauk, Vol XCI, 1953, pp 341-343.

9212193

9  
AEC-UCL-TR-969

Sci - Mat & Met

Aug 63

Investigation of Oxidation of 1-C<sup>14</sup>-Butane and  
Theory of Destructive Oxidation, by G. I.  
Feklisov, M. B. Feiman.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCI, No 4,  
1953, pp 877-880.

NIL M. 4805

Sci - Chem

207, 794

Jul 62



Some Physical Properties of Pb - Sb Alloys, by  
~~XXXXXXXXXXXXXXXXXXXX~~ V. A. Yurkov, 6 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,  
Vol XCI, 1953, pp 891-893.

AEC Tr 2231

Scientific - Physics  
CTS 73/Oct 1955

27,820

Spectral Properties of Reduced Chlorophylls a and b,  
by V. B. Evstigneyev, V. A. Gavrilova, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XCI,  
No 4, 1953, pp 899-902.

36, 101  
Sci Tr Center RT-3714

Scientific - Chemistry

ARC - 2156

Jun 56/der

(FDD 20154)

Phosphorus Metabolism in the Brain During the  
Excitation of the Higher Nervous Activity, by A. V.  
Palladi, A. A. Rybina, 7 pp.

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, Nov Ser,  
Vol XCI, No 4, Moscow/Leningrad, 1953, pp 903-905.

CIA/FDD/U-5601

USSR

Sci - Med

Mar 54 CTS

11,668

Problem of Phase Composition of Some Lime-Chromium Slags  
With Special Consideration of the Characteristic Water-  
Solubility of Their Lime Component, by D. S. Belyankin,  
V. V. Lapin. UNCLASSIFIED.

thrice-mo

RUSSIAN, /per, Dok Ak Nauk SSSR, Vol XCI, No 4, 1953,  
pp 911-914.

Bratcher Tr No 3305

19,303

Scientific - Min/Metals

(FDD 21501)

The Application of Radioisotopes for Accelerated Determination of Vitamins, by M. N. Maysel', N. A. Pomoshchnikova, 7 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR. Nov Ser, Vol XCI, No 4, Moscow, 1 Aug 1953, pp 953-959.

CIA/FDD/U-6491

USCR

Sci - Chemistry, microbiology, radioisotopes

18,987

Table of Contents of Dok Ak Nauk SSSR, Vol XCI,  
No 5, 1953. *5 pp.*

RUSSIAN.

Ordnance Technical Intelligence, Sv,  
Aberdeen Proving Ground, Md.  
Report OTIO 106

CIA 2509768

<p>Khefn, A. I. UNSTEADY FLOW OF LIQUID AND GAS TO A PERFORATED WALL OF A DRILL HOLE AT CONSTANT GAS OIL RATIO. Sp. 3 refs. MWL: 739. Order from OTS or ETC 81.55 61-17284</p> <p>Trans. of <u>Academiya Nauk SSSR. Doklady</u>, 1953, v. 91, no. 5, p. 1039-1042.</p> <p>DESCRIPTORS: *Fluid flow *Porous materials, Mining engineering, Gas flow.</p>	<p>61-17284</p> <p>I. Khefn, A. I. II. MWL-739 III. Stichting Moesilijk Toegankelijke Wetenschappelijke Literatuur</p> <p>Office of Technical Services</p>
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Effect of Slot-Streams on Intensity of  
EM Cavitation Corrosion, by K. E. Shel'nev.

RUSSIAN, thrice-mo per, Dok Ak Henk,  
Vol XXI, No 5, 1953, pp 1043-1045. *CIA D177066*

*See Miss Sub. 55/2461*  
Def Sci Info Sv  
DRD T.151.R

*Geophysics.*  
Scientific - ~~25x1500~~ Feb 55 CES/DEK

*21, 203*



Investigation of the Internal Structure of  
the Unsteady Filtration of a Flow, and Derivation  
of an Equation for Unsteady Filtration, by  
V.M. Shestakov, 10 pp.

RUSSIAN, three-no pag, Dok Ak Nauk SSSR, Vol XCI,  
No 5, 1953, pp 1047-1050.

Sci Tr Center  
SP-4074

39,856

Sci - Physics  
Oct 1955 CTS/dcc

On the Magneto-Hydrodynamic Motion in Solar  
Protuberances, by A. B. Severnyi. UNCLASSIFIED

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XCI,  
No 5, 1953, pp 1051-1054.

Handwritten: *11, 920*  
Havy Tr 975/NRL 467

Scientific - Physics

Handwritten: *CT-101-1*  
*also Sci Trans Center RT-881*

Kinetics of Luminescence of Silver Halide Salts, by  
V. A. Arkhangel'skaya, P. P. Feofilov. *4 pgs.*

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XCI,  
No 5, 1953, p 1055-1058

NSF Tr 173  
SLA KT-SRE

USSR

Scientific - Electricity

Sci. Am. 276 54/0390

Jan 54 CTS

8930

CTS TT-62-28158 (RUSSIAN to FRENCH)

On the Theory of the Fine Structure of the X-Ray  
Absorption Spectra of Ions in Solutions, by  
E. Ye. Vainshtein. *4 pp.*

RUSSIAN, ~~thrice-no per.~~ Dok Ak Nauk SSSR, Vol XCI,  
No 5, 1953, p 1059-1062. *13 11 1953*

NSF Tr 168

*RT-857*

*8933*

USSR  
Scientific - Physics

*sci Mus Lib 54/1955* Jan 54 GTS

Perception of Brief Variations in Brightness, by  
Luizov

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, Vol XXI,  
No 5, 1953, p 1063.

*RT-867*

NSF Tr 199

*Astronomy*  
Scientific - ~~Chemistry~~  
CTS/DEX

*9569*

Redistribution on the Intensities of Spectral Lines  
of Elements in a Discharge in Argon, by K. N.  
Mochalov, Ye. L. Raff. *4 pp*

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XCI,  
No 5, 1953, p 1067-*1070*

NSF Tr 174

USSR  
Scientific - Physics

Jan 54 CTS

*8923*

*Sci Mus Lib 54/1000*

Influence of the Adsorption of Gases and Vapors on  
the Characteristic Photoelectric Effect of ZnO  
and on the Photoelectric Effect of ZnO Sensitized  
by Chlorophyll and Similar Pigments, by Ye. K.  
Putseiko, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XXI,  
No 5, 1953, p 1071-1074.

NSF 149

Scientific - Chemistry  
CTS/DEX

9532

*Sci Museum Lib 54/8790*

Threshold of the Secondary Electron Emission of Nickel  
and Molybdenum, by A. R. Shulman, Ye. I. Myakina, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XXI,  
No 5, 1953, p 1075-1078

NSF Tr 177

Scientific - Minerals/Metals  
CTS/DEX

9392

Sci Mus Lib 54/1002



(FDD 21176)

How the Energy of the Wind Is Transferred to the Waves, by V. V. Shuleykin, 9 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Nov Ser, Vol XCI, No 5, Moscow/Leningrad, 1953, pp 1097-1082.

CIA/FDD/U-6052

USBR

Sci - Geophysics, wind-wave energy

Jul 54 CTS

17,250

Melting Temperatures of Tin and Lead at Pressures  
Reaching 34,000 kg/cm<sup>2</sup>, by V. P. Butuzov, M. G.  
Gonikberg, 2 pp.

Full translation.

RUSSIAN, thrice-no per; Dok Ak Nauk SSSR, Vol XCI,  
No 5, 1953, p 1083-1084, -----

ESF 1/4

*Sci Museum Lib 54.1714*

Scientific - Physics

CTS/DEK

8359

Effect of the Ratio of Rubbing Surface to Hardness on  
Slipping Conditions of Machine Parts in Contact,  
by D. N. Garhunov, I. V. Kragelsky. 4 pp.

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, Vol XCI,  
No 5, 1953, p 1085-1088.

NSF Tr 178

9393

Scientific - Engineering  
CBS/DEX

sci Mus Lib 54/0993

Study of a Deformed State by Radioactive Isotopes,  
by S. I. Gubkin, S. A. Dovnar, 2pp.

Full translation.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XCI,  
No 5, 1953, p 1089-1090.

NSF 145

Scientific - Physics

CTS/DEX

8360

*See Summary SL 54/0779*

Two-Mirror Concentrator of Ultrasonic Waves, by  
L. D. Rozenberg.

Full translation.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol  
XCI, No 5, 1953, p 1091.

NSF 146

Scientific - Physics

CTB/DEX

8363

Investigation of the Mechanism of Reaction of  
A<sub>22</sub> Accelerators of the Vulcanization of Caoutchouc,  
by G. A. Blokh,

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCI, No 15,  
1953, pp 1107-1110.

*Sci Mus Sub 57/0113*

Co-op Tr Sch No 102  
L1.12s.(4s. Od.)

Scientific - Chemistry Apr 55 *CPS*

*22,577*

Synthesis of Physiologically Active S<sup>35</sup> - Labeled  
Compounds, by Yu. V. Markova, A. M. Pocharskaya,  
V. I. Maimina, T. F. Zhukova, E. A. Kosolapova,  
M. N. Shehukina, 7 pp.

Vol.  
RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, 1953,  
pp 1129-1132.

AEC Tr 2537

Sci - Chemistry  
Aug 1955 CTS/dex

37,486

The Kinetic Method for Studying the Mechanism of  
Chemical Reactions by Means of Tagged Atoms, by  
M. B. Keiman, G. I. Feklisov, 7 pp.

RUSSIAN, per, Dokl Akad Nauk SSSR, Vol 8XCI, 1953,  
pp 1137-1140. 7018764

AEC-SC-T-521

Sci-NS  
Jan 66

248, 346



The Nature of the Alkylation of Benzene by Propylene  
With Various Catalysts in the Presence of Diisopropyl-  
benzene, by Ya. M. Paushkin, A. V. Topchiev, M. V.  
Kurashev, 5 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XCI,  
No 5, 1953, pp1141-1144.

Sci Mus Lib No 54/0294

Scientific - Chemistry  
CTS/DEX

11,390

Mechanism of Filtering Off Disperse Phase  
of Emulsions, by S. S. Voyutsky, K. A.  
Kalyanova, R. M. Panich, N. M. Fodinan.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCI,  
1953, pp 1155-1158.

Consultants Customs Tr  
CCT-197B  
\$21.00

Sci - Chem

Mar 59

83,455

The State of Alumina in Molten Slag, by O. A.  
Esin, B. M. Lepinskikh.

RUSSIAN, zhivoe slovo, Dok Ak Nauk SSSR,  
Vol XCI, No 5, 1953, pp 1187-1190.

Nat'l Res Council  
TT.579

37,899

Sci - Minerals/Metals

Aug 1956

Synthesis of Physiologically Active Compounds  
Labelled With Sulphur by I.U.V. Markova.

RUSSIAN, per, Doklady Akademiy Naok, S.S.S.R.,  
Vol XCI, No 5, 1953, pp 1189-132

CSIRO

13

Oct. 62

Table of Contents of Dok Ak Nauk SSSR, Vol XCI,  
No 6, 21 Aug 1953. *4 pp*

RUSSIAN.

Ordnance Technical Intelligence Sv,  
Aberdeen Proving Ground, Md.  
Report OTIO 101

CIA 2509763

Flow, With Convective Heat Exchange, of a Viscous  
Gas in a Cylindrical Pipe, by S. V. Romanenko,  
4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XCI,  
No 6, 1953, pp 1289-1292.

Sci Trans Center RT-921

Scientific - Engineering  
CIS/DEX

14,056

Charny<sup>†</sup>, I. A.  
BREAKTHROUGH OF BOTTOM WATER IN AN OIL  
WELL. 6p. MTWL: 748.  
Order from OTS or ETC \$1.55      61-17268

Trans. of Akademiya Nauk SSSR. Doklady, 1953,  
v. 91, no. 6, p. 1293-1296.

DESCRIPTORS: \*Mineral oil, Production, Water,  
Hydrology, Theory.

61-17268

I. Charny<sup>†</sup>, I. A.  
II. MTWL-748  
III. Stichting Moelijk  
Toegankelijke Wetenschap-  
pelijke Literatuur

Office of Technical Services

Wide-Band Radio Interferometer, by V. V. Vitkevich,  
5 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,  
Vol XCI, 1953, p 1301. ~~1303~~

*7/61*

Morris D. Friedman  
\$2.50

*V-109*

Scientific - Physics

CTS 67/Apr 55

*22,952*

*OTS 63-1021*

*FTD-TT-65-821*  
*9698648*



on the Stretching of Polymer Chains, by M. V.  
Volkenshtein, O. B. Ptitsyn.

Full translation.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XXI,  
No 6, 1953, p 1313.

NSF 134

Scientific - Physics

CTB/DEX

8349

On the Neutrino Charge of Elementary Particles, by  
Ya. B. Zeldovich, 5 pp.

RUSSIAN, thrice-no per, Dok Ak Nauk, Vol XCI, No 6,  
1953, p 1317-1320.

*Doc. no. 100506*  
NSF Tr 124

Scientific - Physics

CTS/DEX

*Sci Mus Lit 54/8219*  
**7317**

On the Theory of Ion Currents to Probes at Low Pressures, by Yu. M. Kagan, V. I. Perel. *4 pp.*

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XXI, No 6, 1953, p 1321-1324.

NSF Tr 179

Scientific - Physics  
CTS/DEK

9395

Sci Mus Lib 54/0996

(NY-1650)

The Precipitation of Particles From an Aerosol  
Current on an Obstruction, by L. M. Levin, 8 pp.  
UNCLASSIFIED

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,  
Vol XCI, No 6, Moscow, 21 Aug 1953, pp 1329-1332

US JPRS/NY-L-221

Sci - Physics, aerosols

66,093

TT-62-28255

Nesmeyanov, A.N., Reutov, O.A., and Ptitsyna, O.A.  
SUR LES NOUVELLES POSSIBILITES DE SYNTHÈSE  
DES COMPOSÉS ORGANO - ANTIMONIQUES AU MO-  
YEN DES SELS DE DIAZONIUM DE TRICHLORURE  
D'ANTIMOINE (O Novykh Vozmozhnostyakh Sinteza  
Sur'myano-Organicheskikh Soedinenii Cherez Diazo-  
nievye Soli Trekhkloristol Sur'my) (On the Next Pos-  
sibilities of Synthesizing Organo-Antimonic Compounds  
by Means of Diazonium Salts of Antimony Trichloride).  
13p. (foreign text included) 6 refs. CNRS-VIII bis 662.  
Order from OTS, ETC or CNRS \$0.80 TT-62-28255

- I. Nesmeyanov, A. N.
- II. Reutov, O.A.
- III. Ptitsyna, O.A.
- IV. CNRS-VIII bis 662
- V. Centre National de la Recher-  
che Scientifique, Paris

Trans. In French of Akademiya Nauk SSSR, Doklady,  
1953, v. 91, no. 6, p. 1341-1344.

Another trans. is available in English from SLA as  
RT-2258, 11p.

DESCRIPTORS: \*Antimony compounds, \*Organic com-  
pounds, Azo radicals, Salts, Chlorides.

(Chemistry--Organic, TT, v. 11, no. 7)

Office of Technical Services  
European Translations Centre

Photochemical Oxidation of Propane, Sensitized  
by Bromine, by G. B. Sergeyev, V. Ya. Shtern,  
8 pp,

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,  
Vol XCI, No 6, 1953, pp 1357-1360.

Sci Tr Center  
RT-1985

Scientific - Chemistry

Mar 55 CTS

22,176

Table of Contents of Dok Ak Nauk SSSR, Vol XCII,  
No 1, 1953. 5 p.

RUSSIAN.

Ordnance Technical Intelligence Sv,  
Aberdeen Proving Ground, Md.  
Report OTIO 102

CIA 2509761

Charny, I. A.  
CALCULATION OF THE RECOVERY OF A PARTIALLY  
PENETRATING WELL AT BREAKTROUGH OF BOTTOM  
WATER OR GAS; 8p. 2 refs. MWL: 728.  
Order from OTS or ETC \$1.55 61-17311

Trans. of Akademiya Nauk SSSR, Doklady 1953,  
v. 92, no. 1, p. 17-20.

DESCRIPTORS: \*Mineral oil, Production, Water,  
Gases, Penetration.

61-17311

I. Charny, I. A.  
II. MWL-728  
III. Stichting Moelijk  
Toegankelijke Wetenschap-  
pelijke Literatuur

Office of Technical Services



Possibility of Observing Monochromatic Radio  
Emission From Interstellar Molecules, by I. S.  
Shklovskiy. UNCLASSIFIED

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,  
Vol XCII, No 1, 1953, pp 25-28.

Air Res and  
Dev Command  
7-240 RU

Scientific - Astronomy

CTS 67/Apr 55

22,927

The Magnitude of the Optical Anisotropy of the  
Benzene and Carbon Disulfide Molecules as Determined  
by Light Scattering in Solutions, by M. F. Vuks,  
V. I. Yelfimov. *4 pp*

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XCII,  
No 1, 1953, p 29- 32.

NSF Tr 175

USSR  
Scientific - Physics

Jan 54 CTS

8925

Sci Mus Lib 54/1006

Interference Method of Measuring Correlation Coefficients  
of Stationary Noises, by S. G. Gershman, 54.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XCII,  
No 1, 1953, p 33-35.

HSP 157

Scientific - Physics  
CTS/DEK

8538

*to review file 54/2006*

On the Agglomeration of Amorphous Bodies, by Ya.  
Ye. Geguzin. *4 pp*

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XCII,  
No 1, 1953, p 45-48

NEF Tr 180

Scientific - Physics  
CTS/DEX

9394

*Sci Rus Lib 59/0994*

/Effect of Water and Alcohol on the Grinding of  
Metals, by V. D. Kuznetsov, V. D. Taranenko, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XCII,  
No 1, 1953, p 49-52.

NSF Tr 181

Scientific - Minerals/Metals  
CIS/DEX

9396

Sci Mus Lib 54/0908

Flow of a Visco-Plastic Dispersion System in a  
Conical Diffuser, by Tyabin, Pudovkin

RUSSIAN, thrice-mo per, Dok Ak Nauk Vol XCII, No 1,  
p 53.

NSF 209

Scientific - ~~Exptl~~ Physics

CTS/DEX

9676

The Effect of the Size and Structure of Radicals  
on the Rate of Isomerization of Esters of  
Phosphorous Acid, by A. E. Arbuzov, L. V.  
Nesterov, 9 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,  
Vol XCII, No 1, 1953, pp 57-60.

NIH

Scientific - Chemistry

Dec 54 CTS

20,360

~~Oil Shales in Baltic and~~ Investigation of the  
Condensed Aromatic Carbohydrates of the Baltic  
Oil Shale Cracking Kerosene, by S. I. Mironov,  
10 pp.

real author: Z. T. Zonova  
RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,  
Vol XCII, No 1, 1953.

pp 65-68

Navy Tr 1220/ONI A-822a

Scientific - Fuels  
CTS 73/Oct 1955

28,095



The Resolution of Asymmetric Four-Covalent  
Phosphonium Compounds Into Optically Active  
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