

On the Theory of Field Emission and Thermionic  
Field Emission of Metals and Semiconductors, by  
M.I. Yelinson, F.F. Dobryakova, 10 pp.

Russian, per, Radiotekh i Elektron, No 8, 1961

ATEE

191,865

Sci  
Mar 62

The Problem of Thermal Breakdown of Organosilicon  
Compounds, by D. A. Petrov, G. T. Danilova-  
Dobryakova, V. F. Trokhova, 5 pp.

RUSSIAN, per, Zhur Obshch, Vol XXX, No 1, 1960,  
pp 235-238.

CB

Sci

Feb 61

144,129

The Determination of Electron Density in the  
Outer Regions of the Ionosphere From Observations  
of Radio Signals Received From the First  
Artificial Earth Satellite, by Ya. L. Al'pert,  
F. F. Dobryakova, 14 pp.

RUSSIAN, per, Uspekhi Fizicheskikh Nauk,  
Vol LXV, No 2, 1958, pp 161-174.

AEC-tr-5332  
PL-480

Sci

On the Results of a Determination of Electron  
Concentration of the Outer Region of the Ionosphere  
From Observations on the Radio Signals of the  
First Earth Satellite, by Ya. L. Al'pert, F. F.  
Dobryakova, E. F. Chudsenko, B. S. Shapiro.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 4,  
Jun 1958, pp 743-746.

IGY 32

Sci - Spac Res

73, 922

84p 58

The Influence of Taste, Thermal and Auditory Stimuli  
on the Critical Flicker Frequency on Monochromatic Light,  
by G. A. Dobryakova, 9 pp. UNCLASSIFIED

RUSSIAN, per, Problemy Fisiologicheskoy Optiki, Vol II,  
1944, pp 81 - 84.

Navy Tr 353/ONI 1012

Sci - Physics

June 1951 CTS

A-1742

Utilization of Metal Shavings, by A. Dobryanskiy,  
3 pp.

RUSSIAN, np, Pravda, 4 Aug 1962, p 2.

JPRS 15756

USSR  
Econ  
Nov 62

Dobryanski, A. F., Sivertsev, A. P., and  
Fridman, I. Ya.  
DETERMINATION OF THE VISCOSITY OF OILS AT  
LOW TEMPERATURES. [1901] 9p.  
Order from OTS or SLA \$1.10 61-18137

Trans. of mono. Sveshchennye po Viskozosti Zhidkostei  
i Kolloidnykh Rastvorov (Conference on Viscosity of  
Liquids and Colloidal Solutions) 12-13 May 41, v. 1,  
Moscow/Leningrad, 1944, p. 173-180.

DESCRIPTORS: Determination, Viscosity, \*Oils.  
Temperature.

(Materials--Lubricants, TT, v. 7, no. 7)

61-18137

- I. Dobryanski, A. F.
- II. Sivertsev, A. P.
- III. Fridman, I. Ya.
- IV. Title: Conference...

197163

Office of Technical Services

Table of Contents and Preface of:  
The Geochemistry of Petroleum, by A. F. Dobryanskiy.

RUSSIAN, bk, Geokhimiya Nefti, Leningrad, Moscow, 1948.  
CIA 9006741

36,098  
Assoc Tech Serv RJ-371

Scientific - Chemistry

Jun 56/dex

Catalytic Transformations of Paraffin Wax and  
Ceresin Over Gumbrin, by A. F. Dobryansky, G. Ya.  
Vorobyeva, 6 pp.

Full translation.

RUSSIAN, no per, Zhur Prik Khim, Vol XXVII, No 6,  
1954, pp 625-831. CIA C 39522

Consultants Bureau

Scientific - Chemistry  
Nov 55 CTS/DEX

28,322

Thermocatalytic Transformations of Hydrocarbons.  
III. Transformation of Diphenylmethane, by  
A. F. Dobryansky, P. N. Kolomitsev, 2 pp.  
RUSSIAN, per, Zhur Obshch Khim, Vol XXIII, No 9,  
USSR, Sep 1953, pp 1469, 1470. CIA D 151000

Consultants Bureau

CTS 64/Jan 55

Scientific - Chemistry

20,916

Thermocatalytic Transformations of Hydrocarbons.  
IV. Transformations of Diphenylethane and Ditol-  
ylethane, by A. F. Dobryansky, L. A. Ponomarev,  
L. D. Dybkin, 3 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIII, No 10,  
USSR, Oct 1953, pp 1634. ~~1634~~ 1634. C I A D I 5100 2  
1634

Consultants Bureau

Scientific - Chemistry

CTB 64/Jan 55

20,608

Thermocatalytic Transformations of Hydrocarbons.  
II. Transformations of Tert-Butylbenzene, by  
A. P. Dobryansky, E. K. Gavrilova, 1 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIII,  
No 7, Jul 1953, USSR, pp 1118, 1119.

Consultants Bureau

Scientific - Chemistry

CTS/DEX

19,412

Thermocatalytic Transformations of Hydrocarbons.  
I. Transformations of Phenylcyclohexane, by  
A. F. Dobryansky, 2 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIII,  
No 7, Jul 1953, pp 1116, 1117.

Consultants Bureau

Scientific - Chemistry

CTS/DEX

19,415

61-18059

- I. Dobryanskii, A. F.
- II. Kanep, E. K.
- III. Katsman, S. V.

Dobryanskii, A. F., Kanep, E. K., and Katsman, S. V.

MATERIALS ON THE MECHANISM OF VAPOR  
PHASE CRACKING. [1961] 34p. 3 refs.

Order from OTS or SLA \$3.60 61-18059

Trans. of mono. Materials on Cracking and Chemical  
Treatment of Cracked Products, v. 2, Leningrad, 1935,  
p. 60-97.

DESCRIPTORS: Materials, Refineries, Oils, Hydro-  
carbons, Decomposition, \*Pyrolysis, Heat transfer,  
Butadienes, Toluenes, Benzenes

(Unannounced)

Office of Technical Services

Dobryanski, A. F. and Khomutia, M. S.  
PRODUCTION OF DICHLOROETHANE FROM CHLO-  
RINE AND ETHYLENE (IN SEMI-COMMERCIAL  
PLANT) [Polucheniye Dikhloroetana iz Khloro i Etilena  
na Poluzavodskoi Ustanovke]. [1963] [19]p. 7 refs.  
Order from OTS or SLA \$1.60 63-14123

Trans. of Gosudarstvennyi Institut Prikladnoi Khimii.  
[Trans.] (USSR) 1933, v. 24, p. 32-47.  
Another trans. is available from SLA as RT-1632, 23p.

DESCRIPTORS: \*Chlorine, \*Ethylene, Physical  
properties, Chemical properties, Synthesis (Chemistry),  
Gas analysis, Production.

(Chemistry--Organic, TT, v. 10, no. 6)

63-14123

1. Title: Dichloroethanes  
I. Dobryanski, A. F.  
II. Khomutia, M. S.  
III. RT-1632

1244438

Office of Technical Services

Combustible Shales of the USSR, by A. P. Dobryanskiy.

RUSSIAN, rpt, Intra-Bureau Rpt Bureau of Mines,  
Jul 1949.

Dept of Interior  
TN7, E57, No 316

Sci - Min/Met  
Oct 60

128,666

Catalytic Effect of Rocks on the Change in  
Petroleum Composition, by A. F. Dobryanskiy, et al.  
UNCL

RUSSIAN, per, Zhur Prikl Khim, Vol XXII, No 10,  
1949, pp 1124-1132.

ATS RJ-1835

Sci - Geophys  
Jan 60

104,583

Production of Chlorinated Derivatives From Cracked  
Gases, by A. F. Dobryanskiy, R. A. Gutner, M. K.  
Shchigel'skiy, 14 pp.

RUSSIAN, per, Zhur Prik Khim, Vol VI, 1933, pp  
1133-1139.

Sci Trans Center  
RT-1577

14,660

Scientific - Chemistry

Dec 54 CTS/DEX

Methods for the Production of Dichloro-  
ethane, by A. F. Dobryanskiy, R. A. Gutner,  
M. K. Shchigel'skaya, 17 pp.

RUSSIAN, per, Trudy Gosudarstvennogo Instituta  
Prikl Khim, Vol XXIV, N 1935, pp 21-31.

Sci Trans Center  
RT-1576

Scientific - Chemistry

Dec 54 CTS/DEX

14,659

Production of Dichloroethane From Chlorine and  
Hydrogen (in Semicommercial Plant), by A. P.  
Dost-Yuliev, R. S. Khomatin, 23 pp.

RESEARCH, part, Vostochny Gosudarstvennyy Institut  
Pribl. Khim., No 24, 1995, pp 32-47.

Sci & Center  
RT-1632

Scientific - Chemistry

CTB/DEX

18,783

Dobryansky, A. P.  
THE TRANSFORMATION OF PETROLEUM IN  
NATURE. [1963] 11p

Order from ATS \$13.85

ATS-14Q72F

Trans. of Revue de l'Institut Français du Pétrole  
[et] Annales des Combustibles Liquides, 1963,  
v. 18, no. 1, p. 41-49.

DESCRIPTORS: \*Petroleum, Transformations.

(Earth Sciences--Geology. TT, v. 10, no. 12)

63-22951

- I. Dobryansky, A. P.
- II. ATS-14Q72F
- III. Associated Technical  
Services, Inc., East  
Orange, N. J.

6

Office of Technical Services

The Thermal Condensation of Acetylene in the Presence  
of Various Added Substances, A. F. Dobrynsky, A. E.  
Drabkin.

The Journal of General Chemistry of the USSR, Vol IX,  
No 12, Dec 1950, pp 2345 - 2351 (Russ p 2255).

Consultants Bureau  
New York

17-1744

USSR

The Geochemistry of Petroleum, Annotation,  
Editor's Preface. Table of Contents, by A.  
F. Dobzhinskiy, 6 pp.

RUSSIAN, Gostoptekhnizdat, 1948.

Sci

Aug 58

*Acad. Sci.*

*Sci - R 571*

*71/64*

Physical Properties of Petroleum, by A. F.  
Dobryanskiy.

RUSSIAN, bk, Geokhimiya Nefti, Chap III, 1948,  
pp 34-37.

Assoc Tech Sv  
Tr RJ 560  
\$5.45

52,225

Sci - Geophysics  
Sep 57

The Effect of Vacuum on Variation of Critical  
Temperatures Structure and Chemical Composition  
of Cast Iron, by V. P. Chernobrovkin, V. S.  
Belyayev, A. A. Dobryden, 5 pp

RUSSIAN, per, Fiz Metal i Metall, Vol VIII, No 5,  
1960, pp 747-751.

PP

Sci  
Mar 61

143,990

Kinetics of the Desulfurization of Pig  
Iron and Slag by Direct and Alternating  
Currents, by A. A. Dobryden, et al.  
Dokl. Akad. Nauk SSSR, 1964, No. 2, pp 5-12.  
13 6230

A. A. Dobryden

ISSN  
Sci/Eng  
Jan 63

280,067

Some Properties of Block Copolymers of an Epoxide  
Resin and Butadienne Nitrile Rubber, by V. A.  
Kargin, H. A. Plate, A. S. Dobrymna.

RUSSIAN, per, Kolloid Zhur, Vol XI, No 3, 1958,  
pp 332-337.

LSB-105

Sci

169,948

Oct 61

Vol III, No 9

~~Exh~~  
Physical Geography of European Russian, by B. F.  
Dobrynin.

RUSSIAN, mono, Fizicheskaya Geografiya Zapadnoi  
Evropy, Moscow, 1948, 323 pp.

W. H. Freeman and Co.

Mar 62

(SF-1416)

Asia Beyond the Border: Physical Geography, by D. L.  
Armand, B. F. Dobrynin, Yu. K. Yefremov, 215 pp.

RUSSIAN, bk, Zarubezhnaya Aziya. Fizicheskaya  
Geografiya, 1956, pp 190-300, 376-425.

JPRS 4473

FE - China, Tibet, Manchuria, Korea

Geog

148,379

Apr 61

Corn Roots and some of their Biological Characteristics, by G. M. Dobrynin. 4 pp

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 4, 1958, pp 819--.

Amer Inst of Biol Sci

Sci - Biol

Jul 59

91,988

Rules in the Shoot Formation of Several ~~Grasses~~  
Grasses, by G. M. Dobrynin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 1,  
1960, pp 223-.

AIBS

Sci  
Sep 60

127,473

110  
Deformations and Stresses Arising in an Idling  
Bandage, by E. D. Dobrydin.

RUSSIAN. Int. Journal (Arkhivnaya),  
Vol 5, No 5, 1962, pp 123-127.

\*CSFTI IT 68-50397/8

E D Dobrydin

Sci/B & M  
Feb y68

Automation Equipment for Industrial Processes,  
by E. M. Dobrynin, 120 pp.

RUSSIAN, bk, Pribury Avtomatizatsii Proizvodstve-  
nykh Protsessov, 1960. 9068078

OTS 61-31203  
PL-480

Sci - Engr  
Nov 62  
PST 799

245  
215,297

Equipment for the Automation of Industrial  
Processes, by E. M. Dobrynin.

RUSSIAN, in: Gosudarstv Nauchno-Tekhn Izdat  
Mashinostroyitel'-noi Literatury, Moscow, 1960,  
192 pp.

PST 799

Sci  
Jun 68

Methodology of the Study of the Biology  
of Plant Roots, by G. M. Dobrynin.

RUSSIAN, per, Botan Zhur, Vol XL, No 5,  
1955, pp 696-702.

CSIRO-3432

Sci

Aug 58

72,087

(DC-3428)

Basic Problems of the Psychology of Attention,  
by N. F. Dobrynin, 18 pp.

RUSSIAN, bk, Psikhologicheskaya Nauka v SSSR,  
Vol. I, 1959.

JPRS 11466

Sci - Med  
May 62

196,253

The Psychology Course in Educational Institutes,  
by N. F. Dobrynin, 4 pp.

RUSSIAN, per, Voprosy Psikhologii, No 2, 1958,  
pp 9071507

Soviet Psychology Info Bulletin  
Vol V, No 4, 1958  
Society for Cultural Relations  
with the USSR  
14 Kensington Square  
London W8, England 128,189

USSR  
Soc  
Oct 60

High-Power Boiler Installations of the  
Podol'skiy Machine-Construction Works, by  
O. N. Dobrynin, G. Ya. Mazharov. UNCL

RUSSIAN, per, Teploenergetika, No 1, 1959,  
pp 28-37.

DSIR LIJ RPS 1290

(25a. 03.)

102,509

Sci - Engr  
Dec 59

Tetracyclines. Communication 16. Absolute Configuration of Tetracyclines, by M.N. Kolosov, V.N. Dobrynin, et al., 5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 4, 1963, pp 696-700.

CB

Sci

May 64

256,889

Neutralization of Straw Fodder in its Affection by  
Pathogenic Fungi, by V. P. Dobrynin ~~XXXX~~ 8 pp.

RUSSIAN, ~~XXXX~~

USDA

10,637

Sci - Biology  
CIS/NER

Obtaining Stem Cell Strains in Vitro,  
by Ya. V. Dolgopin, M.D.

ISSUED, per, ~~Scientific Bulletin~~  
Sci Bull. ~~USSR~~, Vol 16, No 2,

1961, pp 22-23.

OSR 12-61-1961

*Ya. V. Dolgopin*

333, 624

Sci  
Jul 67

A Strain of Human Gastric Cancer Cells  
Cultivated in Vitro, by Ya. V. Dobrynin,  
R. P. Durlugyan, 5 pp.

RUSSIAN, per, Voprosy Onkolog, Vol VII, No 5,  
1961.

Elsevier Pub. Co.

Sci

May 62

195,633

Transplantable Strains of Cancer of the Fore stomach  
in Mice, by A. V. Dobrynin, E. E. Pogonyants, E. L.  
Prigozhina, 6 pp.

RUSSIAN, per, Voprosy Onkologiy, Vol IV, No 2, 1959,  
p 155-160.

Pergamon Inst

Sci - Med

Jun 59

89,670

The Malignization of Red Connective Tissue Degraded  
by H. T. Foglio, Vol. 7, Neoplasia, 7 pp.

RUSSEAN, per, Neoplasia (Neoplasia), Vol. 7, 1950, pp. 395-401.

12

Sci

Aug 8

12/11/50

A Strain of Human Pancreas Carcinoma in Vitro. by  
Ya. A. Delyagina, 5 pp.

RUSSIAN, per, Voprosy Onkologii, Vol VII, No 1, 1961.

Koyer and Roger

Sci

Oct 61

172,641

Changes in the Morphology of Connective Tissue  
Explantates in Rats Treated With Methylcholanthrene  
and Extract From a Human Lung Tumor, by M. T.  
Mogila, Ya. V. Dobrynin, 3 pp.

RUSSIAN, per, Byul Eksper Biol i Med, Vol XLIX,  
No 2, 1960, pp 95-98.

CB

Sci  
Oct 60

128,554

Stresses and Strains in an Operating Saw  
Blade, by Ye. D. Dobrynin. 91  
RUSSIAN, per, Izvestiya VUZ Lesnoy Zh,  
Vol 5, No 5, 1962, pp 123-127.  
CFSTI TT 68-50397

Sci-Mech  
Apr 69

380,302

Automatic Devices in Production Processes, by Ye. M.  
Dobrynin, 79 pp.

RUSSIAN, rpt,

CIA/FDD X-5051

Sci -  
Nov 62

~~215,25~~  
215,265

A Transplantable Stomach Sarcoma in Mice  
of the CC<sub>57</sub> Strain, by Ya. V. Dobrynin,  
3 pp.

RUSSIAN, per, Voprosy Onkologii, Vol IV,  
No 1, 1958, pp 102-104

Pergamon Inst

Sci - Med

Apr 59

84,661

Instruments for the Automation of Production Processes,  
by Yevgeniy Mikhaylovich Dobrynin,

RUSSIAN, bk, Priory Avtomatizatsii Proizvodstvennykh  
Protsessov, 1960, 193 pp.

\*PL 480

USSR

Acron - Technological - Instrument Making

16 Jun 61

Effective Cross Sections for Fission of  
 $U^{233}$ ,  $U^{235}$ ,  $Pu^{239}$ , and  $Pu^{240}$  by Neutrons  
with Energies from 30 kev to 5 Mev., by  
G.A. Dorofeev, Yu. P. Dobrynin, 8 pp.

RUSSIAN, per, Atomnaya Energiya, Vol II,  
No 1, 1957, pp. 10-17.

Consultants Bureau

Sci - Nuc Phys

Jun 58

65,041

Measurement of the Average Number of Neutrons  
Emitted Per Capture  $\gamma$ -ray, for Samples of  $\text{Pu}^{239}$   
With Admixture of the isotope  $\text{Pu}^{240}$  and the  
Effective Resonance Capture Integral for  $\text{Pu}^{240}$ ,  
by B. G. Brosolinskiy, E. I. E. Kurikov, Yu. P.  
Dobrynia, M. I. Pevner, L. S. Danelyan, S. S.  
Moskalev, 6 pp.

RUSSIAN, no per, Atomnaya Energiya, Vol I, No 3,  
1956, pp 27-30.

48,079

Scientific-  
Nuclear Physics  
Feb 57

Assoc Tech Sv 45111 R  
(5.00 - 2.00)

Scientific - Nuclear Physics

Determination of the Mean Number of Neutrons,  
 $\nu_{eff}$ , Emitted Per Capture in the Case of  $U^{233}$ ,  
 $U^{235}$  and  $Pu^{239}$  Isotopes in the Epithermal Neutrons  
Energy Range, P. E. Spivak, B. G. Erokolinskiy,  
G. A. Dorofeyev, V. N. Lavrenchik, I. E. Kutikov,  
Yu. P. Dobrynin, pp 10.

RUSSIAN, no per, Atomnaya Energiya, Vol 1, No 3,  
1956, pp 13-20.

Assoc Tech Sv 43811 R  
(11.00 - 3.00)

Scientific - Nuclear Physics  
Feb 57

43,076

The Mean Number of Neutrons  $\bar{\nu}$  Emitted by the  
Isotopes  $U^{233}$ ,  $U^{235}$  and  $Pu^{239}$  Upon Capture of  
Neutrons With Energies From 30 Kev to 900 Kev,  
by P. E. Spivak, B. G. Erokolinskiy, G. A. Doro-  
feyev, V. N. Lavrenchik, I. K. Kutikov, Yu. P.  
Dobrynin, 6 pp.

RUSSIAN, no per, Atomnaya Energiya, Vol I, No 3,  
1956, 21-26 pp.

Assoc Tech  $\approx$  Sv 45H11 R  
(5.00 - 1.00)

Scientific - Nuclear Physics  
Feb 57

43,078

The Study of the Population of the Tick *Ixodes Persulcatus* P. Sch. in the Years Following a Single Application of Acaricides to Forest Areas, by N. N. Gorchakovskaya, N. K. Preobrazhenskaya, L. I. Dobryanina, 11 pp.

RUSSIAN, per, Zhur Mikrobiol Epidemiol i Immunobiol, Vol XXX, No 8, 1958, pp 61-68

Pergamon Inst

Sci - Med

Apr 59

85,723

No 13

(DC-3652).

On the Scientific-Technical Geophysical Conference,  
by N. P. Dobrynina, 10 pp.

RUSSIAN, per, Geolog Neft i Gaz, Vol. III,  
No 12, 1959, pp 48-52.

JPRS 3306

Sci - Geophys  
Jun 60

117,211

Solubility Isotherm at  $30.5^{\circ}$  of the Ternary  
System ~~Lithium~~  $\text{LiOH-H}_2\text{O}_2\text{-H}_2\text{O}$  and a Study of  
Lithium Peroxide Hydrate, by T. A. Dobrynina,  
4 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim  
Nauk, No 6, 1960, pp 961-965.

CB

Sci

May 62

195,634

Synthesis and Study of the Properties of  
Lithium Peroxide Dipehydrate, by S. Z.  
Makarov, T. A. Dobrynina, 4 pp

~~XXXXXXXX~~

RUSSIAN, per, Iz Ak Nauk SSR, Otdel Khim Nauk,  
No 8, 1960, pp 1321-1324.

CB

Sci

169, 401

Seq 61

Physicochemical Study of Lithium Peroxide, by E. V.  
Rode, T. A. Dobrynina, G. A. Golder, 10 pp.

Full translation.

RUSSIAN, bimo per, Iz Ak Nauk, Otdel Khim Nauk, No 1,  
Jul/Aug 1955, pp 611-621. CIA C 41476

Consultants Bureau

Scientific - Chemistry  
Mar 56 CTS/dex

32, 608

Dehydrogenation of 2,2,4-Trimethylpentane over  
Alumina-Chromia-Potassia Catalyst, by E.A.  
Timofeyeva, N.I. Shulkin, T.P. Dobrynina, 4 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,  
No 5, 1961, pp 863-867

CB

Sci

Mar 62

189,018

Catalytic Dehydrogenation of Branched C<sub>6</sub>  
Paraffins, by N. I. Shaikin, E. A. Timofeyeva,  
T. P. Dobrynina, 9 pp

RUSSIAN, per Iz Ak Nauk SSSR, Otdel Khim Nauk,  
No 8, 1960, pp 1457-1465.

CB

Sci

169, 422

Sep 61

Dehydrogenation of Hydrocarbons over Alumina-  
Chromia and Alumina-Chromia-Potassia Catalysts  
Prepared in Various Ways, by E. A. Timofeyeva,  
N. I. Shaikin, T. P. Dobrynina, 7 pp

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,  
No 2, 1960, pp 292-299

GB

145,386

Sci  
Apr 61

Effect of Space Velocity on the Catalytic Dehydrogenation of n-Pentane and Isopentane, by E. A. Timofeyeva, N. I. Shuikin, T. P. Dobrynina, 4 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 5, 1959, pp 875-878.

CD

Sci -  
May 61

153,254

Isomerization of n-Pentane and Isopentane in  
the Presence of an Alumina-chromia-Potassium  
Catalyst, by N. I. Shugkin, Ye. A. Simofeyova,  
and N. P. Dobrygina, 6 pp.

RUSSIAN, Per, Dok Ak Nauk USSR, Vol CXII,  
No 3, 1958, pp 485-487.

Assoc Tech Serv  
15X28a

Sci - Chem  
May 59  
OCS, V. I, No 6

86,322

Abstract-Catalytic Dehydrogenation of Isopentane  
as a Function of Temperature, by M. I. Shuykin,  
Ye. A. Timofeyeva, and F. P. Dobrylina, 5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR. Otdel Khim Nauk,  
No 6, 1958, pp 726-729.

Assoc Tech Serv  
63327R

Sci - Chem

May 59

GER, V. I, No 6

86,321

Application of the Kaulman-Galpern Potentiometric  
Method of Determining Iodine Values to Some  
C<sub>5</sub> and C<sub>6</sub> Hydrocarbons, by E. A. Timofeyeva,  
V. M. Kleymenova, T. P. Dobrynina, 4 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,  
No 1, 1957, pp 122-123.

Consultants Bureau

Sci - Chem

May 59

86,925

(1817-N)

Dehydrogenation of Hydrocarbons of Various Structures in the Presence of Aluminum-Chromium-  
Iridium Potassium Catalyst, by Ye. A. Timofeyeva, I. I. Shykin, V. S. Smirnov, T. P. Dobryzina, Yu. N. Plotnikov, G. S. Petryayeva, 37 pp.

RUSSIAN, bk, Degidrogenizatsiya uglevodorodov Razlichnogo Stroyeniya v Priznatsvii Alyumokhromokhromskogo Katalizatora.

US JPRS L-554-N

80,621

UOBB  
Sci - Chemistry  
Feb 59

1917N

Conversions of C<sub>5</sub>-C<sub>9</sub> n-Alkanes In The Presence of  
Aluminum-Chromium-Potassium Catalyst, by N. I.  
Shaykin, Ye. A. Timofeeva, T. P. Dobrynina, Yu. N.  
Plotnikov, G. S. Potryueva, V. M. Kleymenova, 5 pp

RUSSIAN, bk, Prevrashcheniya n. alkanov sostava  
C<sub>5</sub>-C<sub>9</sub> v. prisutstvi Al'yumokhromo-kalievogo catali-  
zatora, pp 1-4.

US JPRS Transl No L-555N

Sci  
Dec 58

77, 691

Systems Containing Hydrogen Peroxide at High Concentration. Communication 11. Characterisation of the Solid Phases of the System  $\text{LiOH-H}_2\text{O}_2\text{-H}_2\text{O}$  by Thermal Analysis, by S. Z. Makarov, T. A. Dobrynina, 6 pp.

Full tr

RUSSIAN, no per, Iz Ak Nauk, Otdel Khim Nauk, No 3, 1956, pp 294-298. CIA 9000402

38,666

Consultants Bureau

Sci - Chemistry  
Sep 56 CTS

Systems Containing Hydrogen Peroxide at High Concentration. Communication 9. The Ternary System  $\text{LiOH} \cdot \text{H}_2\text{O}_2 \cdot \text{H}_2\text{O}$ , by S. Z. Makarov, T. A. Dobrynina, 8 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 3, May-Jun 1955, pp 411-419. CIA C 39502

Consultants Bureau

USSR

Scientific - Chemistry

28,799

Nov 55 CTS/DEX

Life of Catalyst Without Regeneration in the Catalytic  
Dehydrogenation of Isopentane, by E. A. Timofeyeva,  
N. I. Shuikin, T. P. Dobrynina, 4 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 9,  
1959, pp 1623-1626.

CB

Sci -  
May 61

152,802

Catalytic Dehydrogenation of Isopentane, by N. I.  
Shuikin, T. P. Dobrynina, E. A. Timofeyeva, Yu. P.  
Yegorov, 2 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Otdel Khim Nauk,  
No 5, Sep/Oct 1955, № 952. CIA 542763 C, reel 3

Consultants Bureau

Sci - Chemistry

37,906.

Aug 1956

Age-linked Changes in the Amino-acid Content  
of the Cerebral Proteins in Man, by  
V. Dobryzina, 9 pp.

RUSSIAN, per, Journal of Physiology of the USSR,  
Vol XXIX, No 3, 1940, pp 220-223.

NIH Tr 4-34

Sci - Medicine, physiology  
May 1957 CTS/dax

47, 467

Some Problems Concerning Moisture Circulation in  
Large-scale Atmospheric Processes, by E. M.  
Dobryshin, 7 pp.

RUSSIAN, per, Trudy Tsentral'nyy Institut Prognozov,  
No 60, 1957, pp 32-36.

Amer Meteorol Soc  
AF Cambridge Bus Center

Sci - Geophysics

May 60

115,857

Concerning the Solution of the Equation, Describing  
Perturbations in the Field of a Gradient Wind, by  
V. P. Sadokov, E. M. Dobryshman,

RUSSIAN, Trudy ~~IBP~~, No 43(70), pp 34-48.

*Central Int Prog*  
PDD X-4233

Sci - Geophysics

Apr 60

115,129

Examples of Precise Solutions of Nonlinear  
Forecasting Equations, by E. M. Dobryshman,  
7 pp.

RUSSIAN per, Iz Ak Nauk SSSR Ser Geofiz, No 2,  
1961, pp 294-306.

AGU

Sci

170,039

Sep 61

The Nonlinear Theory of Local Winds in a Turbulent  
Atmosphere, 12 pp, by E. M. Dobryshman, N. P. Shakina.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz, No 2, 1962,  
pp 233-251.

Amer Geophys Union

Sci

Oct 62

214,029

A Two-Layer Problem of Heat Conduction, Soil and Air, by E. M. Dobryshman, S. I. Belousov, 9 pp.

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, Vol XCIII, No 6, 1953, pp 1011-1014.

Sci Tr Center RT-2284

Scientific - Chemistry  
Dec 55 GTS/DEX

28,978

Approximate Solution of Some Nonstationary Boundary Layer Problems, by E. M. Dobryshin. 83  
Russian, per, Prilozheniya Matematiki i Mekhaniki  
Vol 20, 1960, pp 402-410. PD11129106  
AEC JNL-tr-548

*E. M. Dobryshin*

Sci/Sci/Physics  
100 65

314,565

8-5358

(NY-2946).

All-China Meteorological Conference on Long-Range  
Weather Forecasting, by Ye. M. Dobryshman, 4 pp.

RUSSIAN, per, Met 1 Gid, No 3, 1959, pp 64, 65.

JPRS-1.-1058-5

Sci - Geophys

Nov 59

100,672

ON THE QUESTION OF LONG-PERIOD FORECASTING OF  
THE HUMIDITY FIELD IN THE TROPICS, BY E. N.  
DOBERTSON.

RUSSIAN, PER, TRUDY TSENTRAL INST PROGNOZOV,  
VOL LXVIII, 1958, PP 64-72.

ILL N. 3835

SCI - GEOPHYS

OCT 62

214,769

Proteins of Normal Urine. III. Electrophoretic  
Separation of the Sulphosalicylic Acid-Soluble  
Proteins, by Wanda Dobryszczyka, 8 pp.  
POLISH, per, Acta Biochimica Polonica, Vol X,  
No 4, 1963.  
OTS 68-11406  
PL-180

Sci  
May 64

257,321

Dissolution of Tricalcium Phosphate by Different ~~XXXXXX~~  
Strains of "Phosphorus Bacteria: in a Liquid Medium,  
in Sand and in Soil, by A. Dobrzanska, J. Golebiowska.

POLISH, per, Universitatis Mariae Curie-Sklodowska,  
~~XXXXX~~ Lublin, Polonia, Vol XIV, No 4, 1959, pp 67-76.

CSIRO/No 5751

Sci  
Jan 63

Estimating Requirements for Domestic  
Generating Capacity in 1965, by Irena Dobrzanska,  
PCUO.

POLISH, per, Energetika, Vol XIII, No 10, 1959,  
Bytom, p 32.

YDD Sum 2531

EEur - Poland

Econ - Fuels/power

Mar 60

11,274

A New Ultrasonic Method of Continuous Viscosity  
Measurements in Glasses, by M. Dobrzanski.  
Czech, per, Szklo i Ceramika, Vol 15, No 9,  
1964, pp 231-234.  
NTC 69-11387-118

M. DOBRZANSKI

Sci-Int  
July 69

387,102

The Effect of Chlorpromazine on Higher Nervous  
Activity in Reactive States Involving Excitation  
Phenomena, by A. K. Dobrzhanskaya, 7 pp.

RUSSIAN, per, Zhur Vysshey Nervnoy Peyatel'nosti  
imeni I. P. Pavlova, Vol IX, No 1, 1959, pp 22-29.

Royer and Roger

Sci

Aug 60

124,340

Seasonal Characteristics of the Vertical Dis-  
tribution of Oxygen in the Photosynthesis  
Zone of the Black Sea, by M. A. Dobrygin, ~~et al.~~  
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CIV, No  
4, Jul/Dec 1957, p 755.

Consultants Bureau

Sci - Chem  
Aug 58

69, 314

Some Data on the Content and Distribution of Iron  
in the Black Sea, by M. A. Dobrahanskaya, T. I.  
Pahenina,

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXII, No 5,  
1958, pp 895-.

Consultants Bureau

Sci - Chem

Sep 59

96,578

A Method of Determining the Coefficient of Soil-  
Permeability, by Stefan Ziemiński, Bogdan Dobrzański  
16 pp.

POLISE, per, Annales Universitatis Mariae Curie  
Skłodowska, Vol VIII, No 3, 1953, pp 41-59. 5094478

OTS 60-21524  
PL-480

Sci - Geophys

Dec 61

177,547

PROGRAM FOR DEVELOPMENT OF CONSUMERS' SERVICE,  
BY JOZEF DOBRZENIECKI, 8 PP.

POLISH, PER, PRZEGLAD DROBNEJ WYTWORCZOSCI,  
VOL XII, NO 18, SEP 1962, PP 1-3.

JPRS 17163

EEUR - POLAND

ECON .

JAN 63

219,660