

Relation Between Transpiration and the Spectral  
Composition of Radiation, by A. R. Konstantinov,  
N. I. Gaisa, et al. 9 pp.  
RUSSIAN, per, Trudy Ukrainskogo Nauchno-Issle-  
dovatel'skogo Gidrometeorologicheskogo Instituta,  
No 41, 1964, pp 126-134.  
CEBIII TT 68-50435

sci. b and 1a  
sept 69

389,824

On Determining the Potential Evapotranspiration  
(The Maximum Possible Evapotranspiration) From  
Agricultural Fields, by A. R. Konstantinov,  
R. N. Oleinik. 15 pp.  
RUSSIAN, per, Trudy Ukrainskogo Nauchno-Issle-  
dovatel'skogo Gidrometeorologicheskogo Instituta  
No 41, 1964, pp 135-162.  
CFSTI TF 68-50433

sci/ agric  
sept 69

389,825

Experimental Study of Methods for Measuring  
Liquid Precipitation, by A. R. Konstantinov,  
A. A. Kisilenko, et al. 23 pp.  
RUSSIAN, per, Trudy Ukrainskogo Nauchno-Issle-  
dovatel'skogo Gidrometeorologicheskogo Instituta  
No 41, 1964, pp 162-185.  
CFSTI TT 68-50432

sci/earth sci  
sept 69

389,826

Excretory Function of the Stomach of the Pig and  
Changes During Invasion by Ascaridae, by M. S.  
Krikunov.

RUSSIAN, per, Trudy Ukrainskogo Obshchestva Parazit,  
Vol 1, 1961, pp 86-93.  
NLL/RTS 2846 20s Od.

Sci -  
Aug 67

334,948

Construction of a Set of Systems of Differential  
Equations Describing Stable Motion by a Given  
Procedure, by I. A. Mukhamet'yanov, 5 pp.  
RUSSIAN, per, Trudy Universiteta Druzhby  
Narodov Iment Patricia Lumumbi, Vol I, No 1,  
1963, pp 52-55. 9697876  
FTD TT-65-341

Sci  
Math & Data Proc

288,525

Analytical Construction of the Guidance  
Systems of Rockets, by A. S. Galiullin,  
10 pp.

RUSSIAN, per, Trudy Univer Druzby  
Narodov, Vol V, No 1, 1963, pp 56-65.

9699101

FTD-TF-65-839

Sci - Aero  
Feb 66

294,735

A Problem of Optimum Motion of Ballistic  
Rockets, by A. S. Galiullin.  
RUSSIAN, per, Trudy. Moscov. Universitet  
Druziby Narodov, Vol 1, No 1, 1963,  
pp 68-70.  
\*FTD-TT-65-1918

Sci/Aerospace  
Dec 65

On the Orientation of Artificial  
Earth Satellites, by E. F. Fatkhullin, 18 pp.  
RUSSIAN, per, Trudy Universiteta  
Druzhby Narodov imeni Patrisa Lumaby,  
Vol I, No 1, 1963, pp 71-86. 9698649  
FTD-TT-64-756

Sci-ESc  
Nov 65

291,445



Some Questions Concerning the Dynamics of a  
Program Control System With a Reaction Step-by-  
Step Motor, by Yu. M. Motrokhin, 6 pp.  
RUSSIAN, per, Trudy Moscow. Universitet Druzhby  
Narodov, No 2, 1964, pp 90-94. P100011266  
FTD-TT-65-2046

Sci/Mathematical Sci  
Sep 66

309,337

A Numerical Method in a Time Optimal  
Control Problem, by N. Ye. Kirin, 12 pp.  
RUSSIAN, Universitet. Kafedra Vychislitel'noy  
Matematiki i Vychislitel'nyy Tsentr.  
Metody Vychisleniy, No 2, 1963, pp 67-74.  
FTD-TT-65-955

Sci - Math & Data Proc  
Oct 65

2890,116

Processing of Titaniferous Magnetites Based  
on Reduction of Ores With a Gaseous Reducing  
Agent at Moderate Temperatures, by E. V.  
Snopova, N. I. Rotkov.

RUSSIAN, per, Trudy Uralgeomin, No 3, 1938,  
pp 285-293.

Brutcher Tr  
No 3298

89.80

Scientific - Minerals/Metals CTS/DEX

19,504

The Distribution of Dispersed Elements Among the  
Components of Reservoirs. I. Some General  
Considerations, by N. V. Timofeyev-Resovskiy.

RUSSIAN, per, Trudy No 12, Ak Nauk SSSR Ural'skiy  
Filial. Inst Biofiz. Moscow. Sbornik Laboratorii ~~Biofi~~  
Biofiz, No 2, Problemy Biofiz, No 12, 1960, pp 189-193.

\*FTD-TT-62-1314

Sci - Chem, Phys

Sep 62

Data on Study of Flora and Vegetation of the  
Ural.

RUSSIAN, per, Trudy Ak Nauk SSSR, Ural'skiy  
Filial, Inst Biol; No. 1; 1962.

\*TMD-TT-63-665

Sci - Biol/Med Sci

Jun 63

On the Formal Diffusion of Ag in Several Poly-  
crystalline Metals, by V. I. Arkharov.  
RUSSIAN, per, Trudy Akad Nauk SSSR. Ural Filial  
Inst Fiz Metal, No 11, 1950, pp 81-89.  
\*CFSTI TT 70-58186

Sci-Chem  
June 70

On the Parameters of Atomic Size in the Theory  
of Boundary Diffusion in Metals, by  
V. I. Arkharov.

RUSSIAN, per, Trudy Akad Nauk SSSR. Ural Fil Inst  
Fiz Met, No 16, 1955, pp 75-81.

\*USDI/ER IT 70-58187

Sci-Phys  
June 70

On the Study of Seismic Effect of Powerful Explosions,  
by L. A. Utkin.

RUSSIAN, per, Trudy Ak Nauk Ural Filial, Gorno-Geolog  
Inst, Vol LIV, pp 125-130.

\*AEC

Sci - Phys  
Mar 62



Guiding Significance of Certain Devonian Corals  
From the Mid-Course of the River Aiy in Southern  
Ural, D. D. Degtyarev.

RUSSIAN, per Ak Nauk SSSR, Uralskiy Filial, Trudy  
Gorno-Geologicheskogo Inst. No 28, 1957.

Dept of Interior  
QE3, E57, No 18

Sci - Geophysics  
)ct 60

128,650

Intensity of  $\gamma$ -Radiation in a Homogeneous  
Radiating Medium, by G. M. Voskoboinkov, 11 pp.

RUSSIAN, per, Trudy Ak A Nauk SSSR, Uralakiy  
Filial, Sverdlovsk Gorno-Geologicheskoy Institut,  
No 30, 1957, pp 162-172.

ATS-57L36R

Sci  
Aug 61

163,144

OTS, Vol III, NO 12

Thermodynamic Analyses of Equilibrium in the  
Niobium-Oxygen-Carbon System, by G. P. Shveikin,

RUSSIAN, per, Trudy Ak Nauk SSSR, Ural'skii Filial,  
Sverdlovsk Inst Khim, No 2, 1958, pp 45-49.

\*AEC

Sci - Chem  
9 Nov 60

*Lot 45*

Intermediate Niobium Compounds in the Reduction  
of Niobium Pentoxide by Carbon, by G. P.  
Shveikin,

RUSSIAN, per, Trudy Ak Nauk SSSR, Ural'skii Filial, Sverdlovsk Inst Khim No 2, 1958, pp 51-56.

\*AEC

Sci - Chem  
9 Nov 60

*List 45*

Kinetics of the Reduction of Niobium Pentoxide by  
Carbon in Vacuum, by G. P. Shveikin,

RUSSIAN, per, Trudy Ak Nauk SSSR Ural'skiy Filial,  
Sverdlovsk Inst Khim, No 2, 1958, pp 57-62.

\*AEC

Sci - Chem  
9 Nov 60

*List 45*

63-20198

Plyusnin, V. G. and Sukhorosova, T. I.  
ETHYLATION OF BENZENE [1963] [26p] 9refs  
Order from OTS or SLA \$2.60      63-20198

Trans. of Akademiya Nauk SSSR, Ural'skii Filial  
[Sverdlovsk]. Institut Khimii. Trudy, 1960, no. 4,  
p. 21-32

DESCRIPTORS: \*Benzenes, \*Alkylation, \*Ethylenes,  
Ethyl radicals, Chemical reactions, Quantitative  
analysis.

(Chemistry--Organic, TT, v. 10, no. 11)

1. Title: Ethyl benzene  
I. Plyusnin, V. G.  
II. Sukhorosova, T. I.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, December 13, 2001      CIA-RDP84-00581R000300880078-4

APPROVED FOR RELEASE: Thursday, December 13, 2001      CIA-RDP84-00581R000300880078-4

TT-63-24281

Mikulinski, A. S. and Patrushev, D. A.  
A SCHEME SHOWING THE RELATIONS BETWEEN  
PHYSICO-CHEMICAL AND ELECTRIC PROCESSES  
CONNECTED WITH THE PRODUCTION OF PHOS-  
PHORIC ACID BY ELECTROFURNACES

Bertha P. Klenova, tr. 12 Jul 61 [21p] 18refs  
[TVA] 3931.

Order from OTS, SLA, or ETC \$2.60      TT-63-24281

Trans. of Ural'skiy Nauchno-Issledovatel'skiy  
Khimicheskiy Institut, Trudy (USSR) 1957, v. 5,  
p. 263-280. (Abstract available)

DESCRIPTORS: \*Phosphoric acids, Production, \*Elec-  
tric furnaces, Operation, Calcium compounds, Oxides,  
Silicon compounds, Dioxides, Carbon, Slags, Waste  
gases, \*Phosphorus, Reduction,

The following basic parameters and factors of a phos-  
phorus furnace were investigated: properties of the raw  
(Engineering-Chemical, TT, v. 11, no. 6)      (over)

- I. Mikulinski, A. S.
- II. Patrushev, D. A.
- III. TVA-3921
- IV. Tennessee Valley  
Authority, Wilson Dam,  
Ala.

Office of Technical Services



Babadzhan, A. A.  
DEPENDENCE OF THE VAPOR TENSION OF  $\text{MoO}_3$   
ON THE TEMPERATURE. [1963] 8p (figs omitted)  
4refs  
Order from OTS or SLA \$1.10      63-20294

Trans. of [Akademiya Nauk SSSR, Ural'skii Filial,  
Sverdlovsk. Institut Metallurgii. Trudy] 1957, no. 1  
[p. 74-79].

DESCRIPTORS: \*Molybdenum compounds, Oxides,  
\*Vaporization, Temperature, Phase studies, Sublima-  
tion.

The dependence of the vapor tension of  $\text{MoO}_3$  on the  
temperature was established by investigation. The  
vapor tension values of  $\text{MoO}_3$  obtained under such  
circumstances were approximately three times as great  
as the values found by Faiser. On the basis of equality  
(Metallurgy--Nonferrous Metals, TT, v. 10, no. 10)  
(over)

63-20294

I. Babadzhan, A. A.

Office of Technical Services

The Use of Oxygen in Non-Ferrous Metallurgy,  
by N.P. Eiyev.

RUSSIAN, per, Trudy Ak Nauk SSSR, Uralsky Filial, *Acad-*  
*Inst* Institut Metal, No 2, 1958, pp 143-168.

Primary Sources  
CR-2702

Sci - Chem  
Jul 61

- 159,487

Chermak, L. L. and Diev, N. P.  
IMPROVEMENTS IN EXTRACTION METHODS FOR  
COBALT FROM CONVERTER AND WASTE SLAGS IN  
THE NICKEL INDUSTRY (Puti Uovershenstvovaniya  
Sposobov Izvlecheniya Kobal'ta iz Konverternykh i  
Oval'nykh Shlakov Nikelevoi Promyshlennosti). Aug 61  
[21]p. 23 refs. RTS 1855.  
Order from OTS or SLA \$2.60                      61-27787

Trans. of ~~Akademiya Nauk SSSR~~ Ural'skii Pital  
[Sverdlovsk], Institut Metallurgii, ~~Trudy~~ 1958, no. 2,  
p. 169-180.

DESCRIPTORS: \*Slags, Processing, \*Cobalt, \*Nickel,  
Separation.

The chief principles are set out and a description is  
given of a method of extracting cobalt from liquid con-  
verter slags into a matte, as introduced at the Yuzhural-  
nickel Combine.

61-27787

I. Chermak, L. L.  
II. Diev, N. P.  
III. RTS-1855  
IV. Department of Scientific  
and Industrial Research  
(Gt. Brit.)

7371

(Metallurgy, TT, v. 6, no. 10)

Office of Technical Services

The Conversion of Gas Velocity Into Pressure in a  
Diffuser, by A. G. Lifshits. UNCE

RUSSIAN, per, Trudy Ural'skogo Politekh In-ta,  
No 41, 1955, pp 112-116.

TIL T 4942

SLA 57-22592

Sci - Phys  
Sep 59

93,847



Gas Formation in a Fluid Bed of Fine Fuel  
Particles, by V. F. Volkov.

RUSSIAN, per, Trudy Ural'skogo Politekh Instituta,  
No 61, 1956, pp 15-24.

NLL Ref. 9022.66 1963 (2,221)  
(Loan)

Sci - Fuels & Prop  
Nov 63

CTS (loan) 63-24173  
242, 267

The Hall Effect in Ferromagnetics, by V. A. Lipatova.  
UNCLASSIFIED

RUSSIAN, per, Trudy Ural'skogo Politekh Instituta  
imena Kirova, USSR, 1957, pp 21-34.

Navy 2698/NRL 816

Sci - Chemistry  
Jan 61

137,395

Temperature Dependence of the Hall Constant in  
Ferromagnetics, by V. A. Lipatova. UNCLASSIFIED

RUSSIAN, per, Trudy Ural Politekhnich Inst imeni Kirova,  
Sbornik, No 72, Metallurgizdat, USSR, 1957, pp 35-40.

Navy 2629/NRL 815

Sci - Electronics  
Nov 60

133,779



Variation of the Electrical Resistance of a Fe-ni-  
Cu Alloy in a Magnetic Field, by A. P. Lyustrova.  
UNCLASSIFIED

per,

RUSSIAN, ~~HEE~~ Trudy Ural' Politekh. Instituta imen  
Kirova, Sbornik 72-oi. Metallurgizdat, 1957,  
pp 41-45.

Navy 2699/NRL 817

Sci - Electronics  
Jan 61

137,396

Measuring the Curie Temperature of Some Fe-Ni-Cu  
Alloys for Their Heat Treatment and Plastic Deforma-  
tion, by A. P. Lyustrova (Liustrova), A. V.  
Sibiriyatins. UNCLASSIFIED

RUSSIAN, per, Trudy Ural Politekhn Inst Imeni Kirova,  
Sbornik, No 72, Metallurgizdat, SSSR, 1957,  
pp 67-75.

Navy 2690/NRL 818

133,826

Sci - Physics  
Nov 60

Methods of Investigating the Kinetics of High-  
Temperature Processes, by V. N. Shikhov.

RUSSIAN, per, Trudy Ural Politekh Inst, 1957,  
pp 78-91.

MLL H. 3125

Sci - Phys

Apr 62

189,786

The Reduction and Sulphidation of Oxidised  
Cobalt Compounds, by V. D. Mishin, L. M.  
Kabanova.

RUSSIAN, per, *Trudy Ural'skogo Politekh Inst*  
*Imeni S. M. Kirova*, Vol LVIII, 1957, pp 126-144.

HLL RTS 1896

*CTS 1896*

Sci - Chem

*193, 723*

May 62

APPROVED FOR RELEASE: Thursday, December 13, 2001      CIA-RDP84-00581R000300880078-4

APPROVED FOR RELEASE: Thursday, December 13, 2001      CIA-RDP84-00581R000300880078-4

0052 Concerning the Tendency of Metals Toward Brittle  
Fracture, by M. M. Shteynberg, Ye. N. Sokolov,  
M. N. Varaksina, 10 pp.

RUSSIAN, per, Trudy Ural'skogo Politekh Inst,  
Sb 68, 1958, pp 54-58. 9660726

ATIC MEL-578/III

Sci - M/M

Apr 61

IC-40429-M

147,789

The Effect of Surface Layer Quality  
on the Life of Roller Bearings,  
by L. G. Kuklin.  
RUSSIAN, per, Trudy Ural'skiy  
Politekhicheskiy Institut  
Sverdlovsk, No 129, 1963, pp 15-25.  
\*FTB-TT-65-1411

Sci-M/M  
Sep 65

Theoretical Prerequisites for the Acclimatisation  
of Organisms, by A. F. Karpevich.

RUSSIAN, per, Trudy Urino, Vol XLIII, 1960, pp 9-30.

U.K. Atomic Energy Authority  
Risley, TRG Inf Ser 128(W)

Sci - Biol  
Jul 62

202,103



English title unknown.  
RUSSIAN, per, Trudy, Usesomyi Kachno-  
Issledovatelst, Vol 10.  
\*Dest of Navy NHC

Sci/misc  
Jan 69

Intermediate Products of the Radiolysis of  
Water, by V. A. Sharpatyy, M. A. Proskurnin.  
FOR GOVERNMENT USE ONLY  
RUSSIAN, per, Akad. Nauk SSSR, Trudy II,  
Ussoyuznogo Soveshchaniya Po Radiatsionnoy  
Khimii, 1962, pp 122-126.  
ARM/FSTC/HR-23-54-68

Sci/Chem  
Dec 68

354,763

Role of the Plant *Trichodesma Incanum*  
in the Aetiology of "Sullyuk" Disease of  
Horses, by F. Smirnov, et al.

RUSSIAN, per, Uzbek Inst Vet Sbornik  
Nauch Trudy, Vol XIII, 1959, pp 173-185.

CSIRO 5603

Sci  
Dec 62

Pathogenesis of Trichodesma Poisoning in  
Horses, by F. Smirnov, A. Stoljarova.

RUSSIAN, per, Trudy Uzbek Inst Vet Sbornik,  
Vol XIII, 1959, pp 186-194.

CSIRO 5802

Sci  
Dec 62

Vol XIV, 1961, pp 3-5. 9223072  
USDA Tr A-1451

Sci - B&M Sci  
Jul 64

263,875

New Method for the Differentiation of the Microbe  
of Anthrax From Bacilli of the Pseudoanthracic  
Group, by P. S. Shalisk, Ya. F. Koliakov, 11 pp.

RUSSIAN, per, Trudy Veterinarnaya Akademiya,  
Vol XII, 1956, pp 116-122.

LC or SLA 59-10089

Sci - Chem, Biology  
Feb 59

2. 40 mics  
3. 30 photo

81,535

Bacteriophage in Veterinary  
UNCLASSIFIED

RUSSIAN, per, Trudy Vet Sek Ak, Gosud Iz  
Sel'skokhoz Literatry, Moscow, 1947.

USDA

Scientific - Biology

CTS/DEX

12,091

The Use of Systemic Insecticides, by Y. Chikhachova.  
RUSSIAN, per, Trudy Vizr, Vol XIV, 1960, pp 201-206.

CSIRO/No 5556

Sci  
Feb 63



APPROVED FOR RELEASE: Thursday, December 13, 2001      CIA-RDP84-00581R000300880078-4

APPROVED FOR RELEASE: Thursday, December 13, 2001      CIA-RDP84-00581R000300880078-4

The Sprat of the Black Sea, by N. Aslanova,  
RUSSIAN, per, Trudy VNIRO, No 8, 1954,  
pp 75-101.  
Dept of Inter  
Si211  
E82 No 538

USSR  
Geog  
Jan 67

316,710

On the Prospects of Quantitative Evaluation of  
the Density of Fish Accumulation According to Data  
Obtained by Hydroacoustic Instruments, by  
K. I. Yudanov, 15 pp.  
RUSSIAN, per, VNIRO, Vol 36, 1958, pp 250-258.  
NAV/NOO/Tran-253-70

Sci/BSM  
Sept 70

The biology and Fishery of the Sprat in the  
Northern Part of the Baltic, by I. Kazanova,  
RUSSIAN, per, Trudy VNIRO, No 42, 1960, pp  
84-98.

Dept of Inter  
SH211 A422 No 38

USSR  
Econ  
Jan 67

316,709

The Relationship Between the Spawning Time and  
the Fecundity of *Clupea harengus* Membras, by  
M. N. Krivobok.  
RUSSIAN, per. Trudy VNIRO, Vol 44, 1961, pp 160-  
163.  
NII Ref: 9022.15 (869)

Sci-Mat  
Aug 68

363,675

Changes in the Properties of Fresh Fish under  
the Effect of Gamma Rays, by A. V. Kardashev  
and Yu. A. Korzhova, 21 pp.  
RUSSIAN, per, Trudy VMIRO, Vol. 45, 1962,  
pp. 15-25.  
JPRS 41012

USSR  
Sci-B&M  
June 67

323,615

Calculation of dynamic loads occurring in  
tubs during braking of rolling stock, by  
A. F. Borzykh,  
Trudy VostNII, Vol 5, 1964, pp 163-171  
NLL 8313.4 (5279)

323,879

Sci - Mech  
Apr 67

V. V. Stranov, V. P. Agreenkov.

RUSSIAN, per, Trudy Vologodskogo Sel'skhozyaistvennogo  
Instituta, Vol I, 1940, pp 210-216.

Sci Mus Lib No 50/2972

Economic - Agriculture

12,928



Dielectrics and Their Chemical Composition and  
Structure, by V. I. Kalitvynskiy.

RUSSIAN. bk, Trudy Voprosy Elektricheskoi Izolyatsii.  
No 62, 1958, pp 43-57.

DSIR NIA. M. 1604

Sci - Engr

171, 906

Oct 61

Electrical Properties of Insulation Based on  
Mica-Paper ~~and~~ Tape, by V. A. Volkov.

RUSSIAN, bk, Trudy Voprosy Elektr Izolyatsii,  
No 62, 1958, pp 205-216.

DSIR LLU M. 1609

Sci - Electron

170.769

Oct 61

The Processing Peculiarities in the Production of  
Heat-Resistant Commutator Type Micanite on an  
Ammonium Phosphate Base, by V. M. Degtev.

RUSSIAN, per, Trudy Voprosy Elektricheskoy  
Izolyatsii, No 62, 1958, pp 272-287.

NLL M. 1613

Sci - Chem

Dec 61

177, 592

The Restoration of the Breakdown Strength After a  
Spark Discharge, by A. V. Rubchinskiy.

RUSSIAN, bk, Trudy Voprosy Elektr Izolyatsii,  
No 63, 1958, pp 54-87.

DSIR LLU M. 1620

Sci - Electron

170, 755

Oct 61

The Dynamic Changes in the Vapour Density in a  
High-Voltage Mercury Valve, by A. A. Timofeyev.

RUSSIAN, bk, Trudy Voprosy Elekt Izolyatsii,  
No 63, 1958, pp 192-217.

DSIR LLJ M. 1626

Sci - Electron

*170, 768*

Oct 61

Current Distribution Over the Surface of the  
Anodes of Mercury Valves, by N. A. Meretina.

RUSSIAN, bk, Trudy Voprosy Elektr Izolyatsii,  
No 63, 1958, pp 218-240.

DSIR LLU M. 1627

Sci - Electron

Oct 61

*178, 767*

Experience in the Analysis of a Wind-  
Velocity Hodograph in the Boundary Layer  
of the Atmosphere, by A. V. Tkachenko,  
N. M. Volevaka, 13 pp.  
RUSSIAN, per, Trudy Voprosy Fizika  
Atmosfery. Ukrainskogo Nauchno-Issled  
Gidrometeorologicheskogo Inst, 1962,  
pp 48-53. P100065566  
FTD-TT-65-2022

Sci - Earth Sci & Astron  
Nov 66

312,923

Problems of the Physiology and Pathology of  
the High Mountains.

RUSSIAN, per, Trudy, Voprosy Fiziologii i  
Patologii Vysokogor'ya, 1963, Vol 62.

9700385-V

FTD-TT-65-1320

Sci/BHM  
May 66

300,447



Geochemistry of the Khibina Alkaline Massif, by L. S. Borodin,

RUSSIAN, per, Trudy Voprosy Mineralog Geokhim i Genezisa Mestorozhden Redkikh Elementov, Vol I, 1957, pp 23-34.

\*AEC

Sci - Chem

May 60

*prof.*

Lovorzero and Khibina Massifs - Biogeochemistry of the  
Rare Metals Section, by A. S. Dudykina, E. I. Semenov,

RUSSIAN, per, Trudy Voprosy Mineralog Geokhim i Genezisa  
Mestorozhden Redkikh Elementov, Vol. I, 1957, pp 35-37.

\*AEC

Sci - Chem

May 60

*Prof*

Study of the Module of Alloy Elasticity, by  
P. I. Mel'nichuk, I. N. Frantsevich.

RUSSIAN, per, Trudy Voprosy Poroshkovoy  
Metallurgii i Prochnosti Materialov. AN  
UkSSR; Institut Metalloekermaniki i Spetsial'nykh  
Splavov, No 7, 1959, pp 33-38.

\*FTD-TT-62-506

Sci - Min/Metal

10 Mar 62

On the Effect of Interphase Surface Energies  
on Porosity, by Yu. V. Naydich.

RUSSIAN, per, Trudy Vozprosy Poroshkovoy  
Metallurgii i Prochnosti Materialov. AN U.S.S.R.;  
Institut Metallokeramiki i Spetsial'nykh  
Splavov, No 7, 1959, pp 39-45.

\*FTD-TT-62-506

Sci - Min/Metal

10 Mar 62

Electron Microscopic Study of Fractures, by  
~~KIKINE~~ A. N. Pilyankevich.

RUSSIAN, per, Trudy Voprosy Poroshkovoy Metallurgii  
i Frochnosti Materialov, AN UikSSR; Institut  
Metallokeramiki i Spetsial'nykh Splavov, No 7,  
1959, pp 46-56.

\*FTD-TT-62-506

Sci - Min/Metal

10 Mar 62

Study of the Effect of Industrial Factors on the  
Compacting of Iron Powders, by I. M. Fedorchenko,  
N. A. Filatova.

RUSSIAN, per, Trudy Voprosy Poroshkovoy Metallurgii  
i Prochnosti Materialov. AN U.S.S.R., Institut  
Metallokeramiki i Spetsial'nykh Splavov, No 7,  
1959, pp 105-119.

\*FTD-TT-62-506

USSR  
Econ  
Sci - Engr  
10 Apr 62



Simulating the Operation of a Centrifugal  
Pump Using Air, by N. I. Mikheyev, 39 pp.

RUSSIAN, per, Trudy Voprosy Baboshnykh  
Professov Teplovyykh, No 95, 1958,  
967305\*

FTD-IT-61-12

Sci - Engr

182.596

15 Feb 62



Resonance Method of Measuring Waveguide Irregularities That Cause Small Reflections, by D. I. Voskresenskiy, 20 pp.

RUSSIAN, per, Voprosy Radiotekhniki i Elektroniki Sverkhvysokikh Chastot, (Trudy, Vol 98, Moscow Order of Lenin Aviation Institute imeni Sergo Ordzhonikidze), Moscow, 1958, pp 64-82.  
JPRS 54096

Sept 71

Uniformly Bent Rectangular Waveguides, by  
D. I. Voskresenskiy, 44 pp.  
RUSSIAN, per, Voprosy Radiotekhniki Sverkhvysokikh  
Chastot (Trudy, Vol 73, Moscow Order of Lenin  
Aviation Institute imeni Sergo Ordzhonikidze),  
Moscow, 1957, pp 5-44.  
JPRS 54095

Sept 71

62-16407

Markova, N. E.  
EFFECT OF THE MEDIUM AND THE SURFACE  
ADSORPTION LAYER ON THE STRENGTH OF  
CALCITE CRYSTALS IN SPLITTING ALONG  
CLEAVAGE PLANES. [1962] 26p. 14 refs.  
Order from OTS or SLA \$2.60 62-16407

I. Markova, N. E.

Trans. of Voronezh U. Trudy (USSR) 1938, v. 10  
[no. 1] p. 48-66.

DESCRIPTORS: \*Calcite, \*Crystals, Hardness,  
Surface properties, Adsorption.

Office of Technical Services

(Physics--Solid State, TT, v. 8, no. 10)

Investigations in the Field of the Chemistry of  
Divinyl, by A. A. Fetov, 156 pp.

RUSSIAN, per, Trudy Voronezh Gosudarst Univ, Vol X,  
No 2, 1938, pp 101-2183.

CIA/FID XI-628  
NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Chem  
Aug 59

USIB INTERNAL USE ONLY

93,423

TT-61-16901

Petrov, A. A.  
1 STUDY OF 1,3-BUTADIENE, PT. 1. [45p] 399refs.  
Order from OTS, SLA, or ETC \$4.60      TT-61-16961  
Trans. of Voronezh U. Trudy (USSR) 1938, v. 10,  
no. 2, p. 101-183 [etc].

I. Petrov, A. A.

(Chemistry--Organic, TT, v. 12, no. 4)

Office of Technical Services

Processes of Formation and Destruction of the  
Hearths of Basic Open-hearth Furnaces, by I.  
Bas'Yas, A. Lepesa.  
RUSSIAN, per, Trudy Vost, Inst. Ogneupory,  
Vol 1, 1959, pp 40-73.  
CSIRO/No. 8149

Sci -  
Jul 67

333,750

Methane Control by Means of Modified  
Ventilation in the Extraction Sections,  
by A. A. Myasnikov, et al. <sup>101</sup>  
RUSSIAN, per, Trudy VostNII, № 4, 1964,  
pp 22-35.  
NLL Ref: 8313.4      1965      (5105)

Sci-Chem  
June 66

302,237

The Effect of Corrosive Media on Insulating  
Materials for Electrical Mining Equipment, by  
L. A. Prudnikova.  
RUSSIAN, per, Trudy Vostnii, Vol 5, 1964,  
pp 90-94.  
NLL 8313.4 [5269]

/Sci - Mech Eng  
Nov 67

345,911



Transient Processes in Leakage Circuits and  
Their Effect on the Operation of Protective  
Devices, by A. G. Bezdenezhnykh.  
RUSSIAN, per, Trudy Vostnii, Vol. 5, 1964, pp 101-  
114.  
ALL 8313.4 (5270)

Sci - Mech Eng  
Nov 67

345,908

Cooling of an Explosion Flame in the Gaps of  
Explosion Proof Enclosures for Electrical  
Equipment, by A. A. Kainakov, A. N. Bauer.  
RUSSIAN, per, Trudy Vostnii, Vol 5, 1964,  
pp 114-125.  
NLL 6313.4 (5271)

Sci - Mech Eng  
Nov 67

343,909

Trials of the Electrical Equipment on a Set  
of Joy Machines, by B. K. Novosel'tsev, A. F.  
Vais.

RUSSIAN, per, Trudy Vostnii, Vol 5, 1964,  
pp 125-127.  
NLI 8513.4 (5272)

Sci - Elec Eng  
Nov 67

543,899

Apparatus for Determining the Minimum Ignition  
Energy of Explosive Gas-air and Vapour-air  
Mixture, by V. S. Komarov.  
RUSSIAN, per, Trudy VostNII, Vol 5, 1964,  
pp 127-134.  
NLL 8313.4 (S275)

Sci - Mech Eng  
Nov 67

343,910

The Odour of Ethyl Mercaptan as a  
Warning Signal in Mines, by B. A. Surnachev.  
RUSSIAN, per, Trudy VostNII, Vol 4, 1964,  
pp 188-198.  
NLL Ref: 8313.4      1965      (5101)

Sci-Chem  
June 66

302,238

Improving the Airtightness of Stoppings  
by Means of a Colloidal Silicate Solution,  
by Yu. A. Miller, Yu. N. Lomsev.  
RUSSIAN, per, Trudy VostNII, Vol 4, 1964,  
pp 198-206.  
NLL Ref: 8313.4      1965      (5100)

Sci-Engr  
June 66

302,236

The Explosion Proof Properties of  
Electrical Equipment Enclosures Fab-  
ricated From Plastics, by A. A. Kainakov.  
RUSSIAN, per, Trudy VostNII, Vol 4, 1964,  
pp 214-224.  
NLL Ref: 8313.4      1965      (5099)

Sci-AMM  
June 66

302,218

Measurement of the Temperature of the  
Flame and Incandescent Gases Issuing  
from Explosion Proof Enclosures of  
Electrical Equipment, by A. A. Kaimakov,  
A. G. Tsaregorodtsev.  
RUSSIAN, per, Trudy VostNII, Vol 4, 1964,  
pp 257-264.  
NLL Ref: 8313.4      1965      (5094)

Sci-Phys  
June 66

302,235



The Effect of Corrosive Media on Insulating  
Materials for Electrical Mining Equipment, by  
L. A. Prudnikova.  
RUSSIAN, per, Trudy Vestnik, Vol. 5, 1964, pp 90-94.  
NLI Ref: 8313.4 (5269)

Sci/Mech, Indus, Civ & Mar Engr  
Feb 68  
349,608

An investigation of the flameproof properties  
of elastic packings, by V. B. Trunov,  
A. I. Khitov,  
RUSSIAN, per, Trudy VostNII, Vol 5, 1964,  
pp 134-140  
NLL 8313.4 (5274)

323,939

Sci - Safety in Mines  
Apr 67

Strain gauge measurements of stresses and  
strains in components and assemblies of  
mine cars, by A. F. Borzykh, A. I. Gorbunov,  
RUSSIAN, per, TrudyNII, Vol 5, 1964,  
pp 151-159  
NLL 8313.4 (5277)

323,936

Sci - Safety in Mines  
Apr 67

Volatility of Indium Sulfide, by N Yu. V. Ranyantsev,  
16 pp.

RUSSIAN, per, Trudy Vostochno Sibir Filiala, Ak Nauk  
SSSR, No 25, 1960, pp 110-116. 708764

AEC UCRL Tr-787

Sci - Chem  
May 62

198,543

Dissociation Pressure of Indium Sulfide, by N. A. Khvorostukhina, I. K. Skobeyev, 11 pp.

RUSSIAN, per, Trudy Akad Nauk SSSR, Vostochno-Sibirskii Filial, Irkutsk, No 41, 1962, pp 72-77.  
9209154

AEC-UKRL-Tr-958

Sci - Chem

Jul 63

235,698

The Volatility of Silver Selenide and Silver  
Telluride, by G. N. Zhiteneva, Yu. V.  
Rumyantsev.  
RUSSIAN, per, Trudy, Vostochno-Sibirskiy  
filial, Irkutsk. Akad Nauk SSSR, No 4,  
pp 121-127, 1962      9229839  
ABC UCRL-Tr-1236

Sci-M&M  
Nov 65

291,945

Physicochemical Equilibrium Investigations of the  
Aqueous Reciprocal System of Nitrates and of  
Monophosphates of Potassium and Ammonium, by P. F.  
Bochkarev, 18 pp.

RUSSIAN, per, Trudy Vostochno-Sibirskogo Gosudarst  
Inst, No 3, 1957, pp 3-22.

SLA R-2788

Sci

Jul 59

92,397