

(FDD 21382)

Characteristics of the Electric Activity of the
Brain in Hypertonia Patients During Various Stages
of the Disease and During Therapy, by Ye. A. Zhir-
manskaya, 13 pp.

■ RUSSIAN, no per, Zhur Nevropatol i Psikhiat,
Vol LII, No 9, Moscow, Sep 1952, pp 49-56.

USSR
Sci - Medicine

CIA/FDD/U-6254

18241
1

(FDD 21383)

Experiment in Using a Method of Electrically
Recording the Activity of the Basal Parts of the
Brain in Clinical Cases of Nervous Disorders, by
Ye. A. Zhirmunskaya, F. M. Ioselevich, 10 pp.

RUSSIAN, no per, Zhur Nevropatol i Psikhiat, Vol LIII,
No 9, Moscow, Sep 1953, pp 735-739.

CIA/FDD/U-6306

USSR

Sci - Medicine

18, 232

The Thermoresistance of Tissues in Marine Animals
Living at Various ~~Depths~~ Depths, by A. V.
Zhirmunskiy, 6 pp.

RUSSIAN, bk, Voprosy Tsitologii i Protistologii,
Sbornik Rabot, 1960.

OTS 61-31010
PL-430

Sci

Jun 62

197,632

PST 545

Study of Heat Sensitivity in Certain Marine In-
vertebrates and in their Tissues by A. V.
Zhirmunakly, L. N. Pisareva, 3 PP.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 4, 1960, pp 957-959.

AIBS

Sci

Apr 61

149,118

(NY-5502)

The Heat Tolerance of Ciliated Epithelium of Tropic
Species of Mollusks of the Genus *Merita* in Connection
With the Temperature Conditions of the Habitat, by A.
V. Zhirmunskiy, Ts'u Li-ts'ung, 9 pp

RUSSIAN, per, Tsitologiya, Vol II, No 4, 1960.

JPRS 7680

Sci

Feb 61

139,997

(DC-3354)

The Heat Resistance of Actinia and Their Ciliated Epithelium Under Natural Conditions and After Experimental Changes in the Environmental Temperature, by A. V. Zhirmunskiy, 11 pp.

RUSSIAN, per, Tsitologiya, Vol I, No 3, May/June 1959, pp 270-276.

JPRS 3398

118,881

Sci - Biol

Jun 60

On the Parabolic Nature of the Reaction of
Mammalian Skeletal Muscle to Denervation, by
A. V. Zhirmunsky, 10 pp.

RUSSIAN, per, Fiz Zhur SSSR in I. M. Sechenova,
Vol XLIV, No 6, 1958, pp 577-587.

6
Pergamon Inst

Sci - Med

Jan 59

78,857

Adaption of Black Sea Sea Anemones to In-
creased Salt Concentration, by A. V. Zaitz-
minsky, M. I. Kisileva, 4 pp.

RUSSIAN, per, Dok Ak Nauk, Vol CXVII, No 3,
1957, pp 517-.

Amer Inst of Bio Sci

Sci - Medicine
Aug 58

68,464

Changes in the Vital Straining Properties of the
Cerebral Cortex of Mice as a Result of Sound
Action, by A. V. Zhirmansky, 3 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXII,
No 3, 1957, pp 553-555.

Amer Inst of Biol Sci
Doklady-Biol Sci Sec
Jan/Feb 1957

Sci - Biology
Sep 57

52,018

Methodological Clashes in Moscow as Misinterpreted by an American Geographer,
by N. M. Zhirmunskiy, 7 pp.
RUSSIAN, per, Iz Vses Geograf Obshch, Vol
XCVI, No 2, 1964, pp 91-95.
AOB

N. M. Zhirmunskiy

USSR
Geog
Jul 66

305833

Photosynthesis of High- and Low- Yielding Varieties
of Oil-Producing Sunflowers
by B.P. Zhirnov, pp 6

RUSSIAN, per. Fiziol Rasteniy, Vol IX, No 3, 1962.
pp 318-324

CB

Sci

Oct 63

240-949

An Element Bomb Strike from Low Altitude, by I.G.
Zhirnov, 12 pp.

RUSSIAN, per, Vest Voz Flot, No 8, 1958, pp 16-24
645394

ATIC

Sci - Aero

May 59

87,827

Tactical Flying Exercises of the Flight, by
I. G. Zhirnov, 5 pp.

RUSSIAN, no per, Vest Voz Flota, No 10, 1956,
pp 19-22, Encl to IR 1200-57, AFOIN-1A1.

AF 1080199 46,373

USSR - Military
Sci - Aeronautics
Apr 1957 CTB/dax

Quasiclassical Solutions of the Radial Dirac
Equations, by N. I. Zhirnov, x 5 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXXVII,
No 6(10), 1960, pp 1619-1625.

Amer Inst of Phys
Sov Phys - JETP
Vol XXXVII, (10), No

Sci - Physics
Jul 60

120,878

Interpretation of the Vibration Spectrum of
Coronene, by N. I. Zhirnov, 3 pp.

RUSSIAN, per, Optika i Spektro, Vol. VI, No 2,
1959, pp 162-167.

Optical Society
of America

Sci - Phys

Oct 59

99,304

On the Energy Levels of μ -Mesic Atoms, by
N.I. Zhirnov, 3 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol
XXXVIII. No 3, 1960, pp 959-962.

AJP
Sov Phys - JETP
Vol XI, No 3

Sci
Nov 60

132, 856

Method of Stepping Up the Power Output of the
Kolkhoz Broadcasting and Receiving Unit KPY-2, by
V. Zhirnev, 5 pp. UNCLASSIFIED

Full translation.

RUSSIAN, per, Radio, No 1, 1952, pp 16-17.

ATIC-F-TS-7818

USSR

~~Лентингит~~

~~Методы приема~~

Scientific - Electronics, radio, power, receiving

138

Effective Cross Section for Photoionization of Lithium
Ions, by V. A. Zhirnov, 4 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XLII,
No 4, 1962, pp 1097-1102.

AIP
Sov Phys - JETP
Vol XV, No 4

Sci

Sep 62

214,938

Contributing to the Theory of Domain Walls in
Ferroelectrics, by V. A. Zhirnov, 3 pp.

RUSSIAN, per, Iz Ak Nauk, Ser Fiz, Vol XXII,
No 12, 1958, pp 1431-1432.

3

Columbia Tech

Sci

Feb 60

107,834

Possible States of a Two-Graviton System, by
V. A. Zhirnov, Yu. M. Shirokov, 4 pp.

RUSSIAN, no per, Zhur Eksper i Teoret Fiz, Vol XXX,
No 6, 1956, pp 1098-1103.

Amer Inst of Physics
Soviet Physics, JETP
Vol III, No 6

Sci - Physics
Apr 57 CTS

46,733

(NY-5332)

A Method of Raising the Qualitative Indices of
the VUO-3000 Amplifier, by V. G. Zhirnov, 5 pp.

RUSSIAN, per, Vestnik Svyazi, No 10, 1954.

JPRS 7114

Sci

Jul 61

160,343

(NY-5217)

A Set of Measuring Instruments for Tuning Wire-
Broadcasting Stations, by V. G. Zhirnov, S. P.
Kuravayeva, 3 pp.

RUSSIAN, per, Vestnik Svyazi, No 3, 1955.

JPRS 7006

Sci
Jul 61

155,431

On the Question of Marine Luminescence in the
Caspian Sea, by V. M. Zhirnov.

RUSSIAN, no per, Priroda, No 12, p 127, Dec 1955.

Navy Tr 1453/EO 448

Sci - Biology
Mar 1957 CTS/aex

45, 463

A Contribution to the Theory of Domain in Walls in
Ferroelectrics, by V. A. Zhurav, 4 pp.

RUSSIAN, per, Zhur Eksp. i Teoret. Fiz., Vol XXIV,
No 5(11), 1958, pp 1175-1180

Amer Inst of Phys
Sov Phys - JETP
Vol VIII(35), No 5

Sci - Phys

May 59

86,616

y Social Problems of Medicine, by V. P. Chekurin,
, V. D. Zhirnov, 9 pp.

RUSSIAN, per, Vest Ak Medit Nauk SSSR, Vol XVIII,
No 8, 1963.

JPRS 21,526

Sci - Biol & Med Sci
Oct 63

241-089

The Influence of the Mitotic Regulators on the
Nucleic Acid Content of the Cell. by A. A. Zhirnov;
4 pp.

RUSSIAN, 1 or, Byul Eksper Biol i Med, Vol XLVI,
No 10, 1958, pp 96-99.

Consultants Bureau

Sci -Med

Jun 59

90,346

Color Television Motion Picture Televisor With
a Camera Having Three Vidicons, by
V. A. Buldakov, G. V. Zhirnova, 8 pp.

RUSSIAN, per, Tekh Kino i Televid, Vol IV, No 11,
1960, pp 36-40.

CIA/FDD XX-1398
NO FOREIGN DISSEM

Sci -
Jul 63
USIB Internal Use Only

236,030

Color Television Motion Picture Televisor With
a Camera Having Three Vidicons, by
V. A. Buldakov, G. V. Zhiznova, 8 pp.

RUSSIAN, per, Tekh Kino i Televid, Vol IV, No 11,
1960, pp 36-40.

CIA/FDD XX-1398
NO FOREIGN DISSEM

Scl -
Jul 63
USIB Internal Use Only

226,030

Changes in the Cell Nucleic Acids Content in
Protein Activation of Mitosis, by I. A. Alov,
A. A. Zhirnova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV, No 1,
1957, pp 192-194.

Amer Inst of Biol Sci

Sci - Biology

Aug 58

70,328

~~SECRET~~
714-5631
Color Motion Picture Television Transmitter With a
Three-Vidicon Camera, by V. A. Budakov, G. V.
Zhirnova, S. B. Novakovskiy, V. A. Petropavlovskiy,
A. I. Razin, 14 pp.

RUSSIAN, per, Tekh Kino i Televideniya, Vol XI,
No 11, 1960, pp 36-40.

JPRS 7701

Sci - Electron, Phys

Feb 61

140, 408

ONE ENCLAVE STATION IN WHITE HOUSE EXPOSED TO
HIGH PASTEL PINKNESS OF GREEN, BY J. S. BROWN,
A. G. BROWN, ET AL., 8 PP.

BROWN, J. S., FILE NAME 2000 2000 J. S. BROWN,
VOL. 111, NO. 5, 1963, PP 63-67.

JUN 20 1963

SCI - BIOL & MED SCI
AND (3)

JUN 20 1963

Nitrogen Diffusion Through the Human Skin During
The Breathing of Oxygen, by A. P. Brestkin,
A. G. Zhironkin, 9 P.

RUSSIAN, per, Fiziolog Zhur SSSR, ineni I. M.
Sechenova, Vol XLV, No 5, 1959, pp 597-604.

PP

Sci
Jan 60

106,060

The Choice of Conditions for the Chromatographic
Separation of Mixtures, by N. M. Senyavin,
E. P. Zhurov, 3 pp.

RUSSIAN, per, Zavod Lab, Vol XXV, No 3, 1959,
pp 214-215.

Instru Soc of Amer

Sci
AUG 60

123,468

Determination of The Absolute Geologic Age of
Monazites by The Helium Method, by K. K. Zhiron,
N. V. Baranovskaya, L. A. Litvina, 6 pp.

RUSSIAN, per, Geokhimiya, No 2, 1958, pp 167-171.

The Geochemical Society

Sci - Geophys

Feb 59

81,869

The Problem of Interpretation of Lead Ages,
by K. K. Zhirov, G. L. Shestakov, 10 pp.

RUSSIAN, per, Geokhim, No 1, 1961.

Geochem Soc

Sci

Nov 62

216,525

The Transition of Zircon Into the Metamict
State, by K. K. Zhirova

RUSSIAN, thrice mo per, Dok Ak Nauk SSSR,
Vol LXXXV, pp 889-91, 1952.

AEC-tr-2384

31,687

USSR
Sci - Chemistry
Mar 56 CTS/DEX

Determination of Turbidity of Water Using the
FKKH-54 Micro-Colorimeter-Nephelometer, by
A. G. Zhirnova, 4 pp.

RUSSIAN, per, Vodosnabshenie i Sanitarnaya
Tekhnika, No 5, Moscow, 1958, pp 18-20.

Engr Res Devel Lab
E-144

Sci - Chem, Engr

Dec 58

77,769

AGE OF ZIRCONS FROM THE OLDEST FORMATIONS OF THE
KOLA PENINSULA, TX BY V. S. ZHIROVA,
S. I. ZYKOV, 12 PP.

RUSSIAN, PER, GEOKHIM, NO 12, 1961.

GEOCHEM SOC

SCI

FEB 63

223,727

Lead Determinations on O-1 and W-1 and in rocks
with Low Lead Content by Oscillographic
Polarography

By V. V. ZHIROVA, p. 5

RUSSIAN, par. *Geokhimiya*, No 6, 1962

Geochem Soc

Sci

340,767

Jun 63

Assessment of Different Methods of Oxygen
Administration During the Decompression of
Divers, by A. P. Brestkin, A. G. Zhironkin, 6 p.

RUSSIAN, per, Fiz Zhur SSSR, izvni, I. M.
Sechenova, Vol XLV, No 7, 1959, pp 865-871.

Pergamon Press

Sci
Apr 60

114,605

Changes in the Isotopic Composition of Lead
from Deposits of a Number of Regions, by K.
K. Zhurov, 7 pp.
RUSSIAN, par, Doklady Akademi Nauk SSSR,
v 150, No 1, 1964, pp- 126-129.
JPRS 30/62

USSR
Sci-Chem
Jul 65

232,009

Geochemistry of the Alkalies in Granites of the
Tarak Massif in the Yenisei Range, by K. K.
Zhirov, M. A. Urusova, 15 pp.

RUSSIAN, per, Geokhimiya, no 2, 1962,

Geochem Soc

Sci
Jun 63

233,861

The Isotopic Composition of Lead from Certain
Samples of the Lead Reservoir, by M. K. ZINCHENKO,
S. I. ZYKOV, 7 pp.

RUSSIAN, ENG., GEOKHIMIA, No 1, 1959, pp 76-82.

Geochimica Acta

Sci

112, 254

Geol

See "The Growth of the 'New' in the Development of the
of Central South Africa, by Thompson, K. K., and K. V.
... .. pp.

NEOLITH, Ann. Geograph. No 2, 1959, pp 116-124

(Continued)

10
100-01

172, 112

Synthesis of 2-Methyl-4,5- thiopheno
(2',3') thiazole, by V. G. Zhiryakov, I. I.
Levkoyev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol X CXX, No 5,
1958, pp 1035-1037.

Consultants Bureau

Sci - Chem

Jun 59

88,758

Color of Certain Merocyanine Dyes -
Indandione-1,3 Derivatives, by V. G. Zhiryakov,
I. I. Levkoyev, 20 pp,

RUSSIAN, per, Zhur Obschch Khim, Vol XXIV,
No 4, 1954, pp 710-717. *D 151341*

CIA/FDD/X-1630

23,657

Scientific - Chemistry

May 55 CT8

Increasing the Accuracy of the Analysis for
Determining the Fractional Composition of
Gasolines, by B. N. Ovchinnikov, N. I.
Zhiryakova.

RUSSIAN, per, Neft Khoz, Vol XXXII, No 12,
1954, pp 15-53.

Techn and Commercial Tr
2135 Spruce Street,
Philadelphia 3, Pennsylvania

Scientific - Fuels
CTS 75/Dec 55

29,316

On the Existence of a Minimum of Certain
Quadratic Functionals in an Infinite
Region, by E.G. Zhizhenkov and G. M.
Zhizhen.

RUSSIAN, par, Trudy Moskovskogo Matematicheskogo
Obshchestva, 1960, Vol 9, pp 121-123.
MLL BPS 2476 (On Loan or Purchase)

Aug 65

36
286,992

G.M. Zhizhen

On the Existence of Eigenfunctions of
Schrodinger's Equation, by G. M. Zhislin.
RUSSIAN, per, Doklady Akad Nauk SSSR, 1957,
Vol 117, No 6, pp 931-934.
NLL RTS 2457 (On Loan or Purchase)

Aug 65

288,818

G. M. Zhislin

Characteristics of the Spectrum of
Schrodinger's Operator for Standard
Molecule Systems, by G. M. Zhislina.
RUSSIAN, per, Doklady Akad Nauk SSSR,
1959, Vol 123, No 2, pp 231-234.
NLL RTS 2455 (On Loan or Purchase)

Aug 65

G.M. Zhislina

238,819

An Analysis of the Spectrum of Schrodinger's
Operator for a System of Several Particles,
by G. M. Zhislin.

RUSSIAN, per, Trudy Moskovskogo Matematicheskogo
Obshchestva, 1960, Vol 9, pp 81-120.
NLL RIS 2475 (On Loan or Purchase)

Aug 65

286,992

G. M. Zhislin

An Analysis of the Spectrum of Schrodinger's
Operator for a System of Several Particles, by
G. M. Zhdanov, 46pp
RUSSIAN, par, Moskovskoe Matematicheskoe Obozreniye
Trudy, Vol 9, 1960, pp 61-120
ONS 61-10040

G. M. Zhdanov

Sci - Nuc Phy and
Nuc Chem
July 67

330,949

On the Existence of a Minimum of Certain
Quadratic Functionals in an Infinite Region, by
N. P. Zhuravskaya, G. N. Zhuravskaya, 16pp
RUSSIAN, per. Math Mat English Transl., Vol 9, 1960,
pp 121-130
OCS 67-64-10950

N. P. Zhuravskaya

Sci - Nuc Eng and
Nuc Chem
July 67

330,950

Mixed Spectra of Certain Multidimensional
Quantum Mechanical Differential Operators, by
G. N. Zhislin, A. G. Sigalov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Physics Sections,
Vol CLVII, No 4-6, Aug 1964, pp 1329-1331.

Amer Inst of Phys
Sov Phys-Doklady
Vol IX, No 8

Sci
Mar 65

273,540

NY-5250/1000

Concerning the Estimate of the Product of the
Signal Duration by the Width of the Spectrum;
by S. M. Zhislín, 10 pp.

ISSUED: Iz Vysshikh Shtab Zaved Radiofiz,
Vol III, No 5, 1967.

JPRS 7373

Sci

1000

100,365

Zhlobinski, B. A.
EFFECT OF THE STRUCTURE, TEXTURE AND
MINERALOGICAL COMPOSITION OF CLAY-CARBON-
ATE ROCKS ON THEIR FATIGUE STRENGTH IN
DYNAMIC INDENTATION. [1961] 5p.
Order from ATS \$7.20

ATS-73N55R

Trans. of Izvestiia Vysshikh Uchebnykh Zavedeni.
Nef' i Gaz (USSR) 1961, v. 4, no. 4, p. 33-37.

DESCRIPTORS: Clays, Carbonates, *Rock, Mechanical
properties, Geology, Fatigue (mechanics).

(Earth Sciences--Geology. TT, v. 7, no. 3)

62-12105

I. Zhlobinski, B. A.
II. ATS-73N55R
III. Associated Technical
Services, Inc.,
East Orange, N. J.

187466

Office of Technical Services

107
Towards the Problem of Regarding the Volatility of
Selenous and the Tellurous Silver, by G. M. Zhiteneva,
Yu. V. Rumiantsev, et al.
RUSSIAN, per, Trudy Ak Nauk SSSR, Vostochno-
Sibirskii Filial, Irkutsk, No 41, 1962, pp 121-127.
AEC-UCRL-Tr-1236

Sci-M/M
Aug 65

286,407

Absorption Models of Chlorophyll Complex Systems, 85
by G. M. Zhiteneva, I. V. Rumiantssev, et al.
RUSSIAN, rpt, Moscow, 1964.
AEC-UCRL-Tr-1290

G. M. Zhiteneva

Sci-NS
Aug 65

287,935

Reaction Kinetics and Stationary State in the System
CO₂-CO-C Under the Action of Fast Electrons, by 86
G. P. Zhitneva, S. Ya. Pabezhetskiy, et al.
RUSSIAN, per, Atom Energiya, Vol XVIII, No 5,
1965, pp 492-496.
•AEC

Sci-Chem; NS
Aug 65

On the Stability of the Foot-and-Mouth Disease
Virus in Blood and Meat, and on the Sanitary Value
of Slaughter Products From Animals Stricken With
Foot-and-Mouth Disease, by P. V. Zaitenko,

Trudy

RUSSIAN, per / Moskovaakaya Veterinarnaya Akademiya,
Vol XVII, 1956, pp 120-123, CIA 9013129

USDA

Sci - Medicine
Oct 57

54,156

DC-5221

Methods of Stabilizing the Operation of ARU
(Automatic Volume Control) Units in V-12 Equipment,
by R. G. Zhitkevich, V. G. Bondarenko, 6 pp.

USSR, per, Vestnik Svyazi, No 10, 1960,
pp 16-18.

JPRS 8176

Sci

154,315

May 61

TT-65-13428

Field 21B, 7D

Zhitkevich, V. F.; Lyutyl, A. L.; Nesterko, N. A.;
Rossikhin, V. S.; Tatkora, I. L.

ON THE QUESTION OF THE ROLE OF IONS IN SALT
CONTAINING FLAMES. 10p, 18refs.

Order from SLA: \$1.10 as TT-65-13428

Trans. of Izvestiya Vysshikh Uchebnykh Zavedeni. Fizika
(USSR) a2 p78-84 1963.

MR 655

Remarks on Rats and Certain Conditions to be
Observed in Studying Them, by B. M. Zhitkov.

RUSSIAN, bimo per, Zool Zhur, Vol XLIII, 1944,
pp 91-97.

US Dept of Interior
Tr No 230

USSR

19,788

Scientific - Biology

Dec 54 CTS

<p>Zhitkov, P. N. THE DETERMINATION OF THE BULK DENSITY OF PRESSED WOOD BY METHOD OF TRACER ATOMS (Opredelenie Ob"emnogo Vesa Pressovannoi Drevestiny Metodom Mechenaykh Atomov). 1961, 4p. PL-480 Agr. Order from OTS \$0.50 60-51035</p>	<p>60-51035 I. Zhitkov, P. N. II. PL-480 Agr (60-51035) III. National Science Found- ation, Washington, D.C.</p>
<p>Trans. of Derevoobrabatyvayushchaya Promyshlennost (USSR) [1958] v. 7, no. 3, p. 16-17.</p>	<p>191031</p>
<p>DESCRIPTORS: *Wood, *Density, *Tracer studies, *Mechanical properties, *Radioactive isotopes, Half life, Geiger counters, Measurement.</p>	<p>Office of Technical Services</p>
<p>(Materials--Wood, TT, v. 7, no. 4)</p>	

ZHITKOV, S.

The Electrical Conductivity of the System Aniline-Antimony
Trichloride, 5 pp.

Russian, no per, Zhur Obshch Khim, Vol XIX, No 8, 1949.

FDD X-373

A13455

New Varieties of Black Currant, by P. I. Zhimnaya

RUSSIAN, see, Dok Mosk Sel'skok Ak imeni K. A. Timiryazeva
Timiryazeva, Vol LXII, 1961, pp 303-311.

HLL RES 2280 (Loan)

8-11
1961
Poo Jk

248, 257

THE PERFORMANCE OF THE SOWER METALLURGICAL PLANT,
BY G. ZHITNIK, ET AL, 5 PP.

RUSSIAN, NP, RABOCHAYA GAZETA, 18 JUL 1963, 5 PP.

JPRS 21066

USSR
ECON
SEP 63

373,099

HEILIG, L.

Stal, vol. 8, no. 7, 4 figures, 2 tables, 1600
words; 1938.

High Speed Steel with Increased Carbon Content.

Brutcher Trans, Order No. 599, \$1.60.

A1345

SHITIKOV, D.

Metallurg, vol. 12, No. 12, 5 figures, 1 table,
2100 words; 1937.

Cyaniding of High Speed Tools.

Butcher Trans, Order No. 1368, 43.00.

A 13457

Some Remarks Concerning the Processing of Experimental
Data on Nuclear Paramagnetic Absorption, by R. A.
Zaitnikov, 5 pp.

RUSSIAN, no par, Iz Ak Nauk USSR, Ser Fiz, Vol XX,
No 11, 1956, pp. 1215-1219.

Columbia Tech

58,036

Sci - Phys
Jan 58

Paramagnetic Resonance of Free Silver Atoms
Trapped in Nonpolar Media at 77°K, by
A. Zhitnikov, V. Kolesnikov, 8pp.

USSR, per, Zhur Eksper i Teoret Fiz,
Vol XVIII, No 4, 1962, pp 1186-1196.

Amor Inst of Phys
Sov Phys- JETP
Vol XVI, No 4

1

233,295

Optical Method of Investigation of Neutralized
Stresses in Fine-Grained Polycrystals, V. Stress
on the Free Contours of Anisotropic (Grain-Oriented)
Polycrystalline Sheets, by R. A. Zhitnikov, 8 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVIII, No 9,
1958, pp 2011,2018.

Amer Inst of Phys
Sov Phys - Tech Phys
Vol III, No 9

Sci - E Phys

May 59

87,438

Optical Method of Investigation of Neutralized
Stresses in Fine-Grained Polycrystals, IV.
Effect of a Concentrated Force on Anisotropic
(Grain-Oriented) Polycrystalline Sheets, by
R. A. Zhitnikov, 7 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVIII, No 9,
1958, pp 2004-2010.

Amer Inst of Phys
Sov Phys - Tech Phys
Vol III, No 8

Sci - Phys

May 59

87,436

Comparison with Theory of Experimental Results
Obtained by an Optical Method of Investigating
Stresses in Polycrystals, by R. A. Zhitnikov,
A. V. Stepanov, 7 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVIII, No 10,
1958, pp 2228-2236.

Amer Inst of Phys
Sov Phys - Tech Phys
Vol III, No 10

Sci - Phys

Jun 59

90,089

Paramagnetic Resonance of Silver Atoms Trapped in
Polar Media at 77 K, by R. A. Zhitnikov,
N. V. Kolesnikov, 6 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XLIV,
No 4, 1963, 1204-1210 pp.

Amer Inst of Phys
Sov Phys - JETP
Vol XVII, No 4

Sci
Oct 63

242,025

Investigation (a) Linear Stresses in Polycrystalline
Silver Chloride by an Optical Method, by R. A.
Zhitnikov, A. V. Stepanov, 10 pp.

RUSSIAN, Ser, ZhurTekh Fiz, Vol XXXVIII, No 10,
1958, pp 2237-2247.

Amer Inst of Phys
Sov Phys - Tech Phys
Vol III, No 10

Sci Phys

Jun 59

90,090

An Optical Method of Investigation of Averaged
Stressed States in Small-Grained Polycrystals. II.
Photoelastic Effects in a Crystal of the Cubic
System Under Plane Loading, by R. A. Zhitnikov,
A. V. Stepanov, 7 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVI, No 4,
Apr 1956, pp 779-785.

Amer Inst of Phys
Soviet Phys-Tech Phys
Vol I, No 4

Sci - Physics
Aug 57

57, 712

Sci - Physics

An Optical Method of Investigation of Averaged
Stressed States in Small-Grained Polycrystals. III.
Photoelastic (Piezooptical) Properties of Poly-
crystalline Silver Chloride, by R. A. Zhitnikov,
A. V. Stepanov, 8 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVI, No 4,
Apr 1956, pp 786-794.

Amer Inst of Phys
Soviet Phys-Tech Phys
Vol I, No 4

51, 713

Sci - Physics
Aug 57

Sci - Phys 5/1/57

The Hyperfine Structure of Multielectron Atoms, by
G. M. Bukat, A. Z. Dolginov, R. A. Zhitnikov, 4 pp.

RUSSIAN, per, Optika i Spektro, Vol VIII, No 5, 1960,
pp 285-293.

OSA

Sci

Apr 61

149,497

An Optical Method of Investigation of Averaged
Stressed States in Small-Grained Polycrystals. I.
Preparation of Small-Grained Polycrystal Speci-
mens of Silver Chloride, by R. A. Zhitnikov,
A. V. Stepanov, 8 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVI, No 4, ~~XXV~~
Apr 1956, pp 772-778.

51, 711
51, 711-113
Amer Inst of Phys
Soviet Phys-Tech Phys
Vol I, No 4

Sci - Physics
Aug 57

J-305/60

(DC-3641).

Soviet Books in India, by V. Zhitnikova, 4 pp.

RUSSIAN, per, sovremenny Vestok, No 9, 1958,
pp 35-40.

JPRS 3167

USSR; India
Pol
May 60

116, 111

ZHURAVLEV, V. F., and V. I. ZHITOMIRSKAYA

The Binding Properties of Crystal Hydrates of the Sulfate Type

No. 2
Zhur Prikl Khim, XXIII, /pp 115-119, 1950

Consultants Bureau Tr, Feb, 1950

*TIA Wilson Dam Chem Engrs
2/6/50 p 13459*

ZHEKAYEV, V. P.
ZHEKAYEV, V. I.

THE BINDING PROPERTIES OF CRYSTAL HYDRATES OF
THE SULFATE TYPE, 3 pp.

Ussian, per, Zhur Prik Khim, Vol XXIII, No 3,
Mar 1957, pp 430-32.

Consultants Bureau Translation
TWA Wilson Res Chem Engi Lib 240

R 13 461

On the Distribution Function of the Time of First
Exit, by I. S. Zhitomirskiy, 10 pp.

RUSSIAN, per, Teoriya Veroyatnostei i yeye Primeniya,
Vol VIII, No 12, 1963.

SIAM

Sci

Apr 64

x26x 256,843

Reliability Criteria for Automatic Relay Devices
with Radioactive Emitters, by A. G. Vasilyev,
I. S. Zhitomirskiy, K. S. Klempner, 6 pp.

RUSSIAN, per, Automat i Telemekh, Vol XXI, No 2,
1960, pp 245-253.

Instru Soc of Amer

Sci

132,475

Nov 60

A New Method of Computing Certain Performance Data
of an Aircraft with a TRD [turbojet engine] for
Altitude $H > 11,000$ m, by M.O. Zhitomirskiy, 3 pp.

RUSSIAN, per, Vest Voz Flot, No 8, 1958, pp 85-86
645394

ATTC

Sci - Aero

May 59

87,839

Determination of the Probability of Communication
Interference Caused by Interfering Signals, by
V. I. Zhitovskiy, 11 pp.

RUSSIAN, no per, Radiotekhnika, Vol X, No 10,
1955, pp 15-22.

Morris D. Friedman

\$5.50

35,206

Scientific - Electronics

Jun 56 CTS/dex

Cauchy Problems for Second Degree Parabolic Equation
With Variable Coefficients, by Ya. I. Zhitomirskiy.

UNCLASSIFIED

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVI, No 6, 1957.

Navy Tr 1852/ JH T-23

Sci - Physics
Sep 58

73, 629