

Zhigaev, G. N.

EMPLOYING FLOWING OF SUGAR-BEET FIELDS  
WITHOUT A MOLDBOARD TO CONSERVE HIBER-  
NATING CAENOCREPIS. [1961] [4]p.

Order from OTS or SLA \$1.10

61-23713

Trans. of mono. Biologicheskii Metod Bor'by s Vreditel'-  
yami Sel'skokhozyaystvennykh Kul'tur i Lesnykh  
Nasazhdenii. Tezisy Dokladov (The Biological Method  
of Controlling Pests of Agricultural Crops and Forest  
Plantings, Abstracts of Reports) Kishinev, 1958,  
p. 17-19

DESCRIPTORS: \*Beets, \*Parasites, Eggs, Beetles,  
Insects, Ecology, Pest control.

Systematic plowing without a moldboard can contribute  
to a rise in the Caenocrepis population in nature, thus  
(Agriculture--Plant Cultivation, TT, v. 8, no. 3)

(over)

61-23713

- I. Title: Caenocrepis
- I. Zhigaev, G. N.
- II. Title: Biological . . .
- III. Translations, New York

211882

Office of Technical Services

Control of the Larvae of Wireworms on Maize  
Plantings, by G. N. Zhigayev.

RUSSIAN, per, Tabak, Vol XVI, No 4, 1955,  
p 57. CIA D 507526

USDA

USSR

Economic - Agriculture

Scientific - Biology

Jun 56 CTS/dex

36,184

Zhigilev, D. S. and Otdel'skaya, A. A.  
PROGRESS OF PLAGUE INFECTION IN HIBERNATING YELLOW SUSLIKS (Techenie Chumnoi Infektsii u Spyashelikh Zheltykh Suslikov). [1961] 8p. 7 refs.  
Order from OTS or SLA \$1.10 62-13998

Trans. of Gosudarstvennyi Nauchno-Issledovatel'skii Protivochumnyi Institut, Trudy (USSR) 1956, v. 10, p. 120-124.

DESCRIPTORS: \*Plague, \*Rodents, \*Hibernation, Infections, Resistance, Diseases.

Some 25 susliks were artificially infected during hibernation and 37 were infected while awake. Several of those infected during hibernation did not go back to sleep. The resistance to plague was better in the hibernating animals. Fatalities in hibernating animals were 36%, as compared to 67% in animals infected (Biological Sciences--Pathology, TI, v. 7, no. 9) (over)

62-13998

- I. Title: Suslik.
- I. Zhigilev, D. S.
- II. Otdel'skaya, A. A.

267800

Office of Technical Services

Parts I and II.  
Spectral Method of Determining the Isotopic  
Composition of Lead. ~~XXXXXXXX~~ by A. N.  
Zajdel, A. G. Zhiglinaki, G. Cajko, ~~80~~ pp.  
44

CZECH, per, Czechoslov J Phys, Vol VIII, 1958,  
p 530, 665.

AEC Tr-4433

Sci - Phys  
Apr 61

149,049

Spectrographic Determination of  $Pb^{204}$ , by  
A. G. K Zhiglinskii. A. N. Zaidel', et al.

RUSSIAN, per, Geokhimiya, No 1, 1963, pp 99-103.

Scripta & Technica

Sci  
May 64

258,553

Investigation of a Direct Current ARC Under Elevated  
Pressure, by A. N. Zaydel', A. G. Zhigliaskiy,  
et al.

RUSSIAN, Per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXVI,  
No 7, 1962, pp 855-857.

NASA TF F-8353

Sci  
Apr 63  
US GOV'T ONLY

229,267

(NY-5330)

Utilization of Internal Reserves in the Communica-  
tions System, by V. M. Zhigant, 7 pp.

RUSSIAN, per, Vestnik Svyazi, No 8, 1954.

JPRS 7112

Sci

Feb 61

140,699

(PID 23166)

Utilising Internal Reserves in a Communications System,  
by V. M. Zbigant,

RUSSIAN, no per, Vest Svyazi, No 8 (173), Moscow,  
Aug 1954, pp 16.

CIA

TR 44

USSR

Reor - Communications

A13450



Flow Line for the Production of 60 m<sup>3</sup> Capacity  
Welded Rail Tank Cars, by D. P. Antonets, A. V.  
Zhigula, R. G. Polotskiy, 8 pp.

RUSSIAN, per, Svaroch Froiz, No 6, 1960,  
pp 14-17.

BWRA

Sci

158, 488

Jun 61

AEC-tr-4509(p.158-63) Uncl.

MAGNETIC BOUNDARY LAYERS AND DISCHARGES OF  
ELECTRIC CURRENT IN MOVING MEDIA. V. N.  
Zhigulev. Translated from Voprosy Magnit.  
Gidrodinamiki i Dinamiki Plazmy, Trudy Konf..  
Akad. Nauk Latv. S.S.R., Inst. Fiz., Riga,  
1957, 1-3-70(1053).

C-34 P NSA

N-3

On the Equations of Motion of a Nonquasi-static  
Medium Taking Radiation Into Account, by  
V. M. Zhurav, *et al.*  
RUSSIAN, *publ. Inzhenernyy Zhurnal*, Vol XIV, No 3,  
1944, pp 42-49.  
CIA/RSD X-5476

Sci - Phys  
Nov 64  
FOR OFFICIAL USE ONLY

200,072

Synthesis of a Certain Class of Optimal System  
By V. N. Zhigulev, ~~pp.~~ 8 pp.

RUSSIAN, per, Avtomat i Tolemekh, Vol XXIII, No 11,  
1962, pp. 1431 - 1438

ISA

Sci

Aug 63

342, 448

On a Class of Motions in Magneto-Hydrodynamics,  
by V. N. Zhigulev, 3 pp.

RUSSIAN, per, Prik Matemat i Mekh, Vol XXII,  
No 3, 1958, pp 389-390.

Pergamon Inst

Sci - Maths

May 59

88,294

The Phenomenon of Ejection by an Electrical Discharge,  
by V. N. Zhigulev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 2,  
1960, pp 280-283.

AIP  
Sov Phys-Doklady  
Vol V, No 1

Sci

Sep 60

125,824

On Bodies of Minimum Wave Drag, by V. N. Zaigulev, Yu.  
L. Zhilin, 14 pp.

RUSSIAN, per, Prik Matemat i Mekh, Vol XXIII, No 6,  
1959, PP 1019-1029.

Pergamon Press

Sci

Jul 60

120, 610

The Theory of the "Return" Layer, by V. N. Zhigulev, 4 pp.

USSRIAN, per, Dok Ak Nauk SSSR, Vol OXXXIV, No 6, 1960, pp 1313-

AIP  
Sov Phys - Dok  
Vol V, No 5

Sci

152,493

Apr 61



The Theory of the "Return" Layer, by V. N.  
Zbigulev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIV,  
No 6, 1960, pp 1313-.

AIP  
Sov Phys - Dok  
Vol V, No 5

Sci

152, 493

Apr 61

On the Phenomenon of Magnetic Pinch in a Free-Molecular Plasma Stream (The Theory Governing the Flow of Solar-Corpuscular Streams Past the Earth Magnetic Dipole), by V. N. Zhigulev, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 6, 1960, pp 1361-1363.

AIP  
Sov Phys - Dok  
Vol V, No 6

Sci

156,349

Jun 61

Analysis of Weak Discontinuities in Magnetohydro-  
dynamics, by V. K. Zhigulev, 7 pp.

RUSSIAN, per, Prikl Mat i Mekh, Vol XXIII, No 1,  
1959, pp 81-85.

PP

Sci - Math  
Oct 59

99,099

Theory of the Magnetic Boundary Layer, by V. N.  
Zhigulev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 5, 1979  
pp 1001-.

Amer Inst of Phys  
Sov Phys - Doklady  
Vol IV, No 1

Sci - Phys

REC AFOSK-TN-57-872

97,071

Concerning the Interaction of Currents Flowing  
in a Conducting Medium with the Earth's  
Magnetic Field, by V. N. Zhigalev, E. A.  
Romishevskiy, 4 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII,  
No 5, pp 1001-.

Amer Inst of Phys  
Sov Phys-Doklady  
Vol IV, No 4

110,034

Sci Mar 60

234,905

in the Equations of Physical Aerodynamics, by  
V. H. Zhigalev, 6 pp.

RUSSIAN, per, ~~XXXXXXXX~~ Inzhenernyy Zhurnal, No 1, 1963.

JPRS 19812

Sci

Jun 63

234,906

Theory of Electrical Discharge in a Moving Conducting  
Medium, by V. N. Zhigulev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV, No 6, 1979  
pp 1226-.

Amer Inst of Phys  
Sov Phys - Doklady  
Vol IV, No 1

Sci - Phys

97,072

Zhigulev, V. N., Romishevskii, E. A.,  
and Vertushkin, V. K.

ON THE ROLE OF RADIATION IN MODERN PROBLEMS IN GAS DYNAMICS (O Roli Izlucheniya v Sovremennykh Voprosakh Gazovoi Dinamiki). [1962] 45p. 20 refs.

Order from OTS or SLA \$4.60

62-20138

Trans. of Inzhenernyi Zhurnal (USSR) 1961, v. 1, no. 1, p. 60-83.

DESCRIPTORS: \*Aerodynamics, Fluid dynamics, \*Gas flow, Temperature, Thermal radiation, Black-body radiation, \*Radiation effects, Hypersonic flow, \*Aerodynamic configurations, Aerodynamic heating, Recombination reactions, Equations of motion, Integral equations, Differential equations.

(Mechanics - Aerodynamics, IT, A, 9, 00, 9)

62-20138

I. Zhigulev, V. N.  
II. Romishevskii, E. A.  
III. Vertushkin, V. K.

62-20138

Office of Technical Services



The 75th Anniversary of the Petrovskii Plant,  
by I. I. Korobov, V. I. Zhigulin, 5 pp.

RUSSIAN, per, Metallurg, No 5, 1962, pp 4-7.

Acta Metallurgica

Sci

Apr 64

253,957

The 75th Anniversary of the Petrovskii Plant,  
by I. I. Korobov, V. I. Zhigulin, 5 pp.

RUSSIAN, per, Metallurg, No 8, 1962, pp 4-7.

Acta Metallurgica

Sci

Mar 64

253,591

(NY-1830)

STEELMAKING IN OXYGEN-BLOWN CONVERTER, BY  
V. I. ZHIGULIN, 12 PP.

RUSSIAN, PER, BYULLETEN' TEKHNIKO-EKONOMICHESKOY  
INFORMATSII, NO 4, 1962, PP 3-17.

JPRS 14590

USSR  
ECON  
SCI <sup>2</sup> N/H  
JUL 62

205,187

CRREL 68-T-10(e)

R-8995-D

11 Dec 67

Thermal Moisture REgime Around Piles in Pre-Drilled  
Holes

By: A.A. Zhigul'skiy

From: Seasonal Melting & Freezing of Ground in the North-  
East Territory of the UBSR pp 135-143 (9 pp)

Russian - est for wis:

Please translate and type 1 camera ready copy.  
One copy can be cut and return the other copy intact.

CALCULATION OF THE ANGLE OF THE SITE OF A  
DATUM MARK, BY YE. ZHIGUR, 3 PP.

RUSSIAN, PER, VOYENNY VESTNIK, NO 1, 1962.

ACSI 1-0424-A  
ID 2191530

SCI

19 JUL 62

203,650

**Investigation of the Ice-Forming Properties  
of Lead Iodide Aerosols, by I. I. Vernidub,  
A. S. Zhikarev, 6 pp.**

**RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz,  
No 9, 1962, pp 1286-1293.**

**AGU**

**Sci**

**Jan 63**

**220 550**

Hemosporidiosis and Helminthiasis, by A. A. Zhikharev,

RUSSIAN, per, Veterinariya, Vol XXVI, No 4, April  
1949, pp 41-44

USDA

Sci - ~~Veterinary~~ Medicine  
1/551

10,613





Polymethine Dyes Containing the Ferrocene Residue.  
I. Synthesis of Ferrocenyl Benzthiazoles and the  
Preparation From Them of Thiocyanines, by I. K.  
Ushenko, K. D. Zhikhareva, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXIII, No 3,  
1963, pp 798-803.

CB

Sci  
Apr 64

254,035

After a Long Interruption, by A. F. Zhikharyev,  
7 pp. FOR OFFICIAL USE ONLY

RUSSIAN, per, Vest Voz Flota, No 10, 1961.  
9677115

FTD-ST-61-9

USSR  
M11  
18 Jun 62

800,543

Ice-Forming Properties of the Aerosols of Lead  
Iodide Obtained by Burning of Metalloiodide Compounds;  
by I. I. Vernidub, A. S. Zhikharev, 5pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz, No 8,  
1963, pp 1278-1284.

AGU

245,909

Sci  
Jan 64

(FDD 19114)

Penicillin Therapy in Swine Erysipeloid by  
A. Ya. Zhikharev, 13pp.

RUSSIAN, no par, Veterinariya, No 2, Moscow, 1950,  
pp 22-25

CIA/FDD/U-5794

USSR  
Sci - Med

12,553

Apr 54 CTB

(FDD 19271)

Clinical Practice, by A. Ya. Zhikharev, 14 pp.

RUSSIAN, no par, Veterinariya, No 5, Moscow, May 1950,  
pp 45-48.

CIA/FDD/U-5555

USSR

Sci - Med

Mar 54 CTB

11,596

(FDD 19267)

Helminthosis in Farm Animals, by A. Ya. Zhikharev,  
15 pp.

RUSSIAN, no per, Veterinariya, No 4, Moscow, Apr 1950,  
pp 26-30.

CIA/FDD/U-5551

USSR

Sci - Med

Mar 54 CTS 11,594

(FDD 19107)

From Clinical Practice, by A. Ya. Zhikhar'ov, 13 pp.

RUSSIAN, MO PER, Veterinariya, No 8, Moscow, 1950,  
pp 40-51.

CIA/FDD/U-5603

USSR  
Sci - Med

13,134

Apr 54 CTS

(FDD 19272)

Material Submitted to the Editors of "Veterinary,"  
by A. Ya. Zhikharov, 11 pp.

RUSSIAN, no par, Veterinariya, No 6, Moscow,  
Jun 1950, pp 37-39.

CIA/FDD/U-5556

USSR

Sci - Med

Mar 54 CTS

11,601



The Measurement of Particle Velocity in  
Pneumatic Transport Pipelines, by E. A.  
Zukhovskiy. USSR

RUSSIAN, par, Inzhenerno-Fiz. Zhur, No 1,  
1959, pp 109-113.

DSIR LLU RTS 1314

(12s. 6d.)

Sci - Engr  
Apr 60

113,019

Relating the Yield of Grapes and Lowering Production Costs,  
by K. Zilberstein.  
RUSSEAN, per, Vostochno i Vnogradarstvo 2000, Vol VII,  
No 23, pp 47-49.

CASO/No 641

Sci - EAgri

Feb 64

100,100

Quality and Finish of Surfaces Worked With Ceramic  
Cutting Tools, by V. I. Zhikharev.

RUSSIAK, per, Vest Mash, Vol XXXVI, No 7, 1956,  
pp 42-44.

Co-Op Trans Sch Tr <sup>348</sup>~~351~~ (?)  
15s.00.

Sci - Engr  
Jul 57

49,169

Physicochemical Analysis of Phenol-Acetic  
Anhydride System, by Yu. Ya. Fialkov,  
V. S. Zhikharov, 7 pp.

RUSSIAN, per, Zhur ~~XXXXXXXXXXXXXXXXXXXX~~  
Obshch Khim, Vol XXXI, No 3, 1961, pp 699-705.

CB

Sci

May 62

195,170

Investigations in the Field of the Chemistry of  
Cyanine Dyes. XIX. Benzothiazolylthiacyanines  
By I. K. Ushenko and K. D. Zhikharsky pp. 5

RUSSIAN, per, Zhur Obshch Khim, Vol XXXII, No 11.  
1962, pp. 3656 - 3660

CB

Sci

Aug 63

344,693

009  
Near-threshold behavior of the inelastic-  
scattering cross section, by T. V. Zhukareva,  
6 pp.

RUSSIAN, per, Leningrad, Universitet. Vestnik.  
Seriya Fiziki i Khimii, No 1, 1964, pp 21-25.

000000068-1  
FTD-1-64-358

sci-ucl sci  
Apr 68

*Sci. Ser. Phys. Chem.*

352.292

Replacing Steel Flange Inserts by Graphitic  
Inserts, by S. A. Zhikharevich, A. G. Karaulov,  
et al, 6 pp.

RUSSIAN, per, Ogneupory, No 9-10, 1963,  
pp 437-442.

CB

Sci

May 64

259, 233

Kirov Clay Refractories for Glass Furnaces,  
by S. A. Zhikharevich, Ye. A. Gin'yar, 7 pp.

RUSSIAN, per, Ogneupory, No 11-12, Nov-Dec, 1961,  
pp 547-555.

Acta Metallurgica

Sci  
May 64

259,202



Performance of Arc-Furnace Roof Coolers, by A. F.  
Kablukovskiy, S. D. Skorokhod, S. A. Zhikharevich,  
3 pp.

RUSSIAN, per, Metallurg, No 8, 1959, pp 14-16.

Acta Metallurgica

Sci

Mar 61

143,493

ZHIKHAREVICH, S. A.

Kislod, vol. 3, no. 2-3, 700 words; 1946

Properties of High Alumina Refractories and  
their Possible Use in Furnaces Operated with  
Oxygen Blast.

Brutcher Trans, Order No. 2000, \$1.10

*A12451*

Technology of Dense, Volume-Constant, High  
Alumina Products for Lining Blast-Furnaces,  
by S. A. Zhikharevich,

RUSSIAN, per, Ogneupory, Vol XXIII, 1958,  
p 385.

CSIRO

Sci - Engr

Jun 60

118,569

16

Development of the People's Councils as  
Working Corporations and the Social Public  
Principle, by TILLY, E. M. 11 pp.  
BULGARIAN, part. Pravda Mladost, No 2,  
Mar, Apr 1964, pp 45-55.  
JPRS 24111

EE-Bulgaria  
Pol  
Aug 64

244,928

Use of Top-Gas Composition for Analysis and  
Control of the Thermal Condition of Blast  
Furnace, by A. N. Pokhvianov, N. K. Zhiklin.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Chern Metal,  
Sep 1959, pp 29-45.

HB 4871

Sci - Engr

Jan 61.

136,585

(DC-6408)

The Significance of the Microorganisms in  
the Transformation of Organic Matter Found  
in the Upper Layer of the Bottom Sediments  
of the Shallow Sea Basin, by A. I. Zhikova,  
M. V. Fedozov, 15 pp.

RUSSIAN, par, Okeanologiya, Vol I,  
No 3, 1961, pp 450-455.

*Handwritten:* 181,235

*Handwritten:* 181,235

JPRS 11778

Sci - Geophys  
Jan 62

*Handwritten:* 181,235

A Physiochemical Analysis of the Pyrosulfuric  
Acid-Acetic Acid System, by Yu. A. Fialkov,  
V. S. Zhikharev, 5 pp.

RUSSIAN, per, Zhur Obshchei Khim, Vol XXXIII,  
No 1, 1963, pp 3-8.

CB

Sci  
Dec 63

245,686

Physicochemical Analysis of the H<sub>2</sub> Pyro-  
sulfuric Acid - Monochloroacetic Acid System,  
Yu Ya Fialkov, V. S. Zhikharev, 6 pp.

RUSSIAN, per. Zhur Obshchoi Khim, Vol XXXIII,  
1963, pp 9-14.

CB

245,687



Configuration and Properties of Unsaturated  
Acids and their Derivatives. X. Thiocyanation  
of Oleic and Elaidic Acids and their Esters,  
by A. K. Plisov, L. A. Zhila, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX,  
No 1, 1959, pp 323-328.

Consultants Bureau

Sci

Mar 60

110, 607

On Refinement of the Estimate of the Spectral  
Function of the Laplace Operator, by  
Ya. M. Zhileikin, 4 pp.

RUSSIAN, per, *Iz Dok Ak Nauk SSSR*, Vol CXLV,  
1961, pp 543-546.

Amer Math Soc

Sci

*200.854*

Jun 62

Design of a Buncher for a Travelling Wave Linear  
Electron Accelerator in Accordance With a Given  
Bunching Law, by G. I. Zhileiko, 5 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXXIII, No 12,  
1963, pp 1449-1455.

Amer Inst of Phys  
Sov Phys - ~~S~~Tekh Phys  
Vol VIII, No 12

Sci  
Jul 64

262,778

Sep 61

Load Characteristics of a Linear Traveling Wave  
Electron Accelerator, by G. I. Zhileiko, 3 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXXI, No 4, 1961,  
502-505.

PP.

AIP  
Sov Phys-Tech Phys  
Vol VI, No 4

Sci

170,088

Sep 61

Some Properties of Coaxial Iris Loaded Wave-  
guides, by G. I. Zhilko, 8 pp.

RUSSIAN, per, Radiotekh, Vol XIII, No 8, 1958,  
pp 24-29.

PP

Sci - Engr  
Oct 59

99,090

Modern State of the Technique of Generating  
Millimeter Waves, by G. I. Zhilenko, 22 pp.

RUSSIAN, per, *Elektrosvyaz*, Vol X, No 12,  
1956, pp 27-37. *SECRET*

SIA Tr R-1153

Sci - Elec Engr

Jul 58

67,902

Anisotropy of the Activation Energy of the  
Electrical Conductivity of Water in the  
Adsorbed State, by V. M. Fedorov,  
I. V. Zhilenkov, 4 pp.

RUSSIAN, per, Kolloidnyi Zhur, Vol. XXV, No 2,  
Mar, Apr, 1963, pp 242-246.

CB

Sci  
Aug 64

264,600

Denya Dispersion of Adsorbed Water at Low Temperat-  
ures, by I. V. Zhilenkov, 4 pp:

RUSSIAN, Per, Iz Ak Nauk SSSR, Otdel Khim Nauk,  
No 2, 1957, pp 232-234.

Consultants Bureau  
HCS RT-1187

Sci - Chem

May 59

86,952



Analysis of Certain Septated Waveguide Types, by  
B. G. Mikhalev and G. I. Zhileiko, 22 pp.

RUSSIAN, per, Radiotekhnika i Elektronika, Vol 11,  
No 2, 1967, pp 172-183.

Pergamon Institute

Sci - Electron  
AUG 58

69,697

The Effect of Deformations and Magnetic Field on the  
Excitation Absorption in Cubic Crystals, by A. G.  
Zhilich, 6 pp.

RUSSIAN, per, Fiz Tverdogo Tela, Vol III, No 7,  
1951, pp 2041-~~2047~~ 2047.

AIP  
Sov Phys - Solid State  
Vol III, No 7

Sci

201,682

Jun 62

Investigation of the Zeeman Effect of the Yellow  
Exciton Series in Strong Magnetic Fields  
By E.F. Gross, A.G. Zhilich pp8

RUSSIAN, per, Fizika Tverdoto Tela, Vol V, No 1,  
1963, pp327-338

Amer Inst of Phys  
Sov Phys - Solid State  
Vol V, No 1

Sci

Sep 63

344,785  
~~344,335~~

On the Possible Existence of Magnetic-~~XXXX~~  
Dipole Lines in the Spectrum of Excitation  
Absorption, by A. G. Zhilich, V. I. Cherepanov,  
Yu. A. Kargapolov, 3 pp.

RUSSIAN, per, Fiz Tverdogo Tela, Vol III,  
No 6, 1961, pp 1812-1814.

AIP

Sov Phys - Solid State  
Vol III, No 6

Sci

Jun 62

198, ~~758~~ 758

Magneto-optical Investigations of Quadrupole  
Exciton Transition in a  $\text{Cu}_2\text{O}$  Crystal, by E. F.  
Gross, A. G. Zhilich, B. F. Zakharchenya, 5 pp.

RUSSIAN, per, Fiz Tverdogo Tela, Vol. III, No 5.  
1961, pp. 1445-1452.

AIP  
Sov Phys - Solid State  
Vol. III, No 5

Sci

Mar 62

*189,107*

A. I. Zhilin, 3 pp.

RUSSIAN, por, Steklo i Keramika, Vol XIV, No 12,  
1957, pp 29-.

CB

Sci  
Aug 60

126,765

Investigation of Raw Materials for the Production of  
Mineral Fibres (Slag Wool), by A. I. Zhilin

RUSSIAN, Zh. Prikl. Khim, Mosk., 23 (11), 1157-1164, 1950.

R. A. E. Farnborough Tr No 402

Scientific - Chemistry, Minerals

A13452

The Duel, by G. Gofman, V. Zhilin, 16 pp.  
FOR OFFICIAL USE ONLY

RUSSIAN, par, Aviatsiya i Kosmonavtika, No 12, 1962.  
9685044 V

FTD-ST-62-12

Sci

343,021

Aug 63



Use of Electronic Digital Technique  
for Time Interval Measurement, by  
V. A. Zhilin, 10 pp.  
RUSSIAN, rpt, Informatsionny Sbornik  
Tsentral'nogo Nauchno-Issledovatel'skogo  
Instituta Morskogo Flota, Vypusk 98,  
1963, pp 23-31.  
ACSI J-9685  
ID 2204024866

576

*V. A. Zhilin*

Sci-Elect  
Jul 60

304,335

Residual Stresses in the Surface Layers of Steel  
Machined With Ceramic or Cemented  $\text{C}$  Carbide Tools,  
by V. A. Zhilin, 4 pp.

RUSSIAN, per, Vest Mashinostroy, Vol XLI, No 9,  
1961, pp 58-62.

PERA

Sci  
13 Jul 62

202,515

76

Automatic Processing of Information Received  
from Pulse Navigation Systems with the Aid of  
Electronic Digital Techniques, by V.A. Zhilin,  
18 pp.

RUSSIAN, per, Tsentral'nyy Nauchno-Issledovatel'-  
skiy Institut Morskogo Flota. Trudy. "Vychis-  
litel'naya Tekhnika i Avtomatizatsiya na  
Morskoy Flote", No 51, 1963, pp 55-68.

P100134168-V  
FTD-HT-67-378

*2 1 4 2 7 1 1*

Sci-Navigation, Communications,  
Detection & Countermeasures  
July 63

360,717

Automatic Computer Processing of Information  
Coming From Pulse Radio Navigation Systems, 127  
by V. A. Zhilin.  
RUSSIAN, per, Trudy Tsentr Nauch Inst  
Morsk Flota, Vol LI, 1963, pp 55-68.  
PPTD-IT-67-378

V. A. Zhilin

Sci - Navigation, Communications,  
Detection & Countermeasures  
Mar 67

Standard Plans for the Thermal Power Stations  
to be Constructed During the Period 1959-1965,  
by V. G. Zhilin, A. M. Nekrasov.

RUSSIAN, per, Elektricheskiye Stantsii, No 6,  
1960, pp 6-24.

MLL M. 2658

BSSR  
Econ  
Dec 61

11-23757  
174,981

(NY-1563)

Some Problems of Planning Block-Scheme Electric  
Power Stations, by V. G. Zhilin, 22 pp.

RUSSIAN, no per, Elek Stant, No 3, Moscow,  
Mar 1958, pp 32-38.

US JPRS/NY-L-330

Econ - Electric Power

75,549

Zhilin, V. G.  
DETERMINATION OF THE PRESCRIBED POLLUTED  
ZONE ROUND POWER STATIONS. [1963] [6p] 4refs  
C. E. Trans. 3217.  
Order from OTS, SLA, or ETC \$1.10 TT-64-15275

Trans. of Elekt[richeskie] Stantsii (USSR) 1963, v. 34,  
no. 4, p. 26-28.

(Engineering--Safety, TT, v. 11, no. 12)

TT-64-15275

- I. Zhilin, V. G.
- II. CE-Trans-3217
- III. Central Electricity  
Generating Board,  
London (England)

1983403

Office of Technical Services

Zhilia, V. G.  
DETERMINATION OF THE PRESCRIBED POLLUTED  
ZONE ROUND POWER STATIONS. [1963] [6p] 4refs  
C. E. Trans. 3217.  
Order from OTS, SLA, or ETC \$1.10 TT-64-15275

Trans. of Elek[tricheskie] Stantsii (USSR) 1963, v. 34,  
no. 4, p. 26-28.

(Engineering--Safety, TT, v. 11, no. 12)

TT-64-15275

- I. Zhilia, V. G.
- II. CE-Trans-3217
- III. Central Electricity  
Generating Board,  
London (England)

083403

Office of Technical Services



Theory of Operation of a Receiver for Multiplex  
Cyclic Telemetry, by V. N. Zhilin, 6 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVII, No 10, 1957  
2392-2397.

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

Sci-Phys  
Jun 58

*Automation Express*  
*Vol 1, No # 1*    *65-317*  
*Internat'l Physical Science*

Similarity laws for a flow of gas in a  
thin hypersonic nozzle, by Yu. I.  
Eglin, S. P.  
USSR, *Per. Inzhenernyy Zhurnal*, Vol  
3, no 4, 1963, pp 628-631. 9897535  
FTS-77-65-890

sci-1187  
Aug 63

Yuri. I. Eglin

267,059

Similarity Laws for the Gas Exhaust in a Slender Hyperbolic  
Nozzle, by Yu. L. Zhukov, 7 pp.  
KURSKAN, publ. Aviatsionnyy Inzh., Vol 11, No 4, 1963,  
pp 429-33.

SPRS 2348

Sci  
Feb 64

200,614

Wings of Minimum Drag, by Y. L. Zhilin,  
14 pp.

RUSSIAN, per, Prik Mate i Mekh, Vol XXI,  
No 2, 1957, pp 213-220.

OTS 60-17350

Sci

30 Mar 62

*188,422*

Fundamental Relations Across a Strong Steady Shock Wave Giving Rise to a Discontinuity in Conductivity, by Yu. L. Zhilin, 7 pp.

RUSSIAN, per, Prikl Matemat i Mekh, Vol XXIV, No 3, 1960, pp 543-546.

PP

Sci

Jun 61

157, 199

On Bodies of Minimum Wave Drag, by V. N. Zhigulev, Yu.  
L. Zhilin, 14 pp.

RUSSIAN, per, Prik Matemat i Mekh, Vol XXIII, No 6,  
1959, pp 1019-1029.

Pergamon Press

Sci

Jul 60

120, 610

Synthesis of Dimerocyanine Dyes Derived From 1,3-  
Disubstituted 4-Imidazolidinones, by M. V.  
Deichmeister, L. D. Zhilina, 6 pp.

RUSSIAN, per, Trudy Vses Nauch-Issled Kinofoto Inst,  
No 40, 1960, pp 26-33.

CIA/FDD XX-1110  
NOT RELEASABLE TO FOREIGN NATIONALS

Sci

Mar 62

*185,954*

USIB INTERNAL USE ONLY

The Electrochemical Behavior of Titanium, by L. P. Zhilina, 5 pp.

RUSSIAN, per, Zhur, Prik Khim, Vol XXXIII, No 11, 1960, pp 2526-2530.

CB

Sci

169, 446

Sep 61



