

On the Theory of the Non-Linear Regime in Transit
Klystrons, by Yu. A. Katsev, I. I. Zil'berman,
O. P. Gorbanovich, 2 pp.

RADIOFON, ser., Radiotekhnika i elektron, Vol. IV, No. 6
1959, p. 1412-.

IP

135,361

Ref. -
Jan 61

On the Dependence of the Frequency of Quartz
Generators on the Power Dissipated in the Quartz,
by M. E. Zhabotinskiy, P. E. Zil'berman.

RUSSIAN, per, Radiotekh i Elektron, Vol III, No 2,
1958, pp 276, 277.

MIT Lincoln Lab

Sci - Electron

Apr 58

62,147

The Variational Principle in the Theory of Green's
Functions for Inhomogeneous Systems
By P.E. Zilberman pp8

RUSSIAN, per, Fiz Tverdogo Tela, Vol V, No 2, 1963,
pp386-396

Amer Inst of Phys
Sov Phys - Solid State
Vol V, No 2

Sci

Sep 63

344, 806

On Fluctuations in Quartz Oscillators, by N. E.
Zhabotinskii, P. E. Zil'berman, 4 pp.

RUESSIAN, per, Dok Ak Nauk SSSR, Vol CXIX No 5,
1958, pp 919-921.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 2

Sci - Phys

Jul. 59

91,895

Principles of the Chemical Technology of Artificial Radiopharmaceuticals
Elemental, by Dr. L. S. Karpov, pp. 62-70.
BUREAU OF CHEMICAL TECHNOLOGY, INSTITUTE OF APPLIED
RADIOPHARMACEUTICALS, KIEV, 1961, pp. 1-302.

JPRS 22000

Sci-Med Sci
Feb 64

200,577

Preparation, Composition and Certain Properties of the
Diethyldithiocarbamate Complexes of Uranyl, by Ya. I.
Zil'berman, B. I. Peshchevitskiy, 6 pp.

RUSSIAN, per, Radiokhim, Vol II, No 6, 1960,
pp 653-657.

AEC-tr-4573
PL-430

Sci

Aug 62
PST 570

205,573

Some Reactions of Nitriles Leading to the Formation
of a New Nitrogen-Carbon Bond, by Ye. N. Zil'berman,

RUSSIAN, *per*, *Voprosy Khimii*, Vol XXIX, No 6,
1960, pp 709-735; 9072508.

NIH No 10-17-60

Sci - Chemistry

Nov 60

131, 390

Zil'berman, Ye. N. and Sladkov, A. M.
REACTION BETWEEN NITRILES, TERTIARY ALCOHOLS, AND HYDROGEN CHLORIDE. [1961] 6p.
Order from ATS \$8.25
ATS-54N51R

Trans. of "Zhur[nal] Obshchey Khim[ii] (USSR) 1961,
v. 31, no. 1, p. 245-249.

DESCRIPTORS: *Nitriles, *Alcohols, *Hydrochloric acid, Chemical reactions.

(Chemistry - Organic, TT, v. 6, no. 3)

61-22614

I. Zil'berman, Ye. N.
II. Sladkov, A. M.
III. ATS-54N51R
IV. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

A New Synthesis of Imidodisulfonates, by E. N.
Zilberman and M. N. Smirnova, 4 pp.

Full tr

RUSSIAN, no par, Zhur Obshch Khim, Vol XXVI,
No 3, 1956, pp 672-674.

----- Consultants Bureau

Sci- Chemistry
Jan 57 CIS

42, 491

The Reaction Products of Adipic Acid and Ammonia,
by E. N. Zilberman, 5 pp.

Full tr

RUSSIAN, no per, Zhur Obsch Khim, Vol XXV, No 11,
1955, pp 2127-2131. EX CIA 542766-C, reel 3.

Consultants Bureau

Scientific - Chemistry
Aug 56 CIS

37, 609

The Condensation of Cyclohexanone with Ammonia, by
G. A. Razuvayev, E. N. Zilberman, S. V. Svetozarskiy
4 pp.

Full tr

RUSSIAN, no pag, Zhur Osnov Khim, Vol XXVI, No 2,
1956, pp 601-603 603. CIA 9007073 C, Reel 64

Consultants Bureau

Sci - Chemistry
Dec 56 CTB

41,720

The Heteroazeotrope of Cyclohexanol and Water,
by E. M. Zilberman, 3 pp.

RUSSIAN, no per, Zhur Prik Khim. Vol XXVI,
No 8, 1953, pp 886-889.

Consultants Bureau

Scientific - Chemistry

CTS/DEX

18,483

The Water - Adiponitrile - Ammonia System, by
E. N. Zilberman, 7 pp.

RUSSIAN, no per, Zhur Prik Khim, Vol XXVI, No 9,
USSR, Sep 1953, pp 941-948.

CIA

Consultants Bureau

Scientific - Chemistry

Dec 54 CTS

19,708

Products Resulting From Reaction of Hexamethylenediamine
With Certain Inorganic Acids, by E. N. Elberman, G. N.
Matveyeva, 4 pp.

Full tr

RUSSIAN, no par, Zhur Prik Khim, Vol XXVIII, No 9,
1955, pp 1013-1015. CIA C #2516

35,783 Consultants Bureau

Scientific - Chemistry
Jun 56/dex

The Synthesis of α, ω -Di(2,4-Dihydroxybenzoyl)-Alkanes
and Aralkanes from Dinitriles and Resorcinol, by N. A.
Rybakova, and E. N. Zilberman, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, VolXXI, No 4, 1961,
pp. 1272 - 1274

CB

196,708

Sci
Apr 62

New Reaction of Chloroacetonitrile with Hydrogen
Chloride and Alcohols, by E.M. Zil'berman and A. Ya.
Lazeric, 2 pp.

RUSSIAN, pere. Zhur Obshch Khim, Vol XXXI, No 4, 1961
pp 1321 - 1323

CB

196,717

Sci
Apr 62

A System With an Enclosed Region of Stratification.
The Reciprocal Solubility of Hexamethyleneimine and
Water, by E. N. Zilberman, Z. D. Skorikova, 2 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIII, No 10,
USSR, Oct 1953, pp 1629, 1630. O.A.D 151002

Consultants Bureau
Scientific - Chemistry See Grusel-55/2573

CTS 64/Jan 55

20,606

The Mutual Solubility of Cyclohexanol and Water by
E. N. Zilberman, 3 pp

RUSSIAN, Zhur Prik Khim, Vol XXIV, No 7, July 1951,
pp 776-779

Consultants Bureau
Vol 24, July 1951

USSR
Scientific - Chemistry

41134

Production of Adipic Acid by Oxidation of
Cyclohexanol by Means of Nitric Acid, /E. N.
Zilberman, S. N. Suvorova and Z. S. Smolyan,
6 pp.

Full tr

RUSSIAN, no per, Zhur Prik Khim, Vol XXIX,
No 4, 1956, pp 621-627.

41,626

Consultants Bureau

Sci - Chemistry
Dec 56 CTB

Oxidation of Cyclopentanone with Nitric Acid,
by E. E. Gilberman and A. N. Kirillov, 5 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXX, No 6,
1957, pp 900-902.

Consultants Bureau

Sci - Chem

Sep 58

73, 228

Preparation of Imido Ethers and Esters of
δ -Cyanovaleic Acid, by E. N. Zil'berman,
A. E. Kulikova, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 9,
1959, pp 3039-3041.

CB

Sci

129,308

Sep 60

Molecular Structure of Unsaturated Ketones --
Bimolecular Cyclohexanone Condensation Products,
by T. N. Roginskaya, S. V. Svetozarskiy, A. I.
Finkel'shtein, E. M. Zil'berman, 4 pp.

RUSSELM, per, Zhur Obshch Khim, Vol XXVIII, No 3,
1958, pp 2229-2232.

CB

Sci - Chem
Oct 59

99 949

The Systems Water-Hexamethyleneimine-Sodium Chloride and Water Hexamethyleneimine-Sodium Hydroxide, by E. N. Zil'berman, M. M. Bershtein,
5 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXII, No 7,
1959, pp 1555-1559.

CB

Sci

122,403

Aug 60

Stabilization of Polyvinyl Chloride by the Action
of Stearic and Epoxystearic Acids, by D. M.
Yanovskiy, A. A. Berlin, / E. N. Zil'berman,
N. A. Rybakova, 6 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXII, No 7,
1959, pp 1575-1580.

CB

Sci

Aug 60

122, 397

Amidoximation of the Dinitriles of Adipic and
Sebacic Acids, by E. N. Zil'berman, N. A.
Rybakova, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 10,
1959, pp 3347-3349.

CB

Sci

Oct 60

130,619

Mechanism of Secondary Amide Formation by the
Reaction of Nitriles With Carboxylic Acids, by
E. N. Zil'berman, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 10,
1959, pp 3350-3354.

CB

Sci

Oct 60

130,620

Low-Temperature Autocondensation of Cyclohexanone.
by S. V. Svetozarskiy, E. N. Zil'berman, G. A.
Razuvayev, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 5,
1959, 1454-1457.

Consultants Bureau

Sci

Jul 60

1020, 437

Zil'berman, Ye. N. and Teplyakov, N. M.
SYNTHESIS OF COMPLEX POLYESTERS FROM
DINITRILES AND GLYCOLS VIA POLYIMINOESTER
HYDROCHLORIDES. 20 Apr 60 [7] p. 4 refs.
Order from LC or SLA mif1.80, pfif1.80 60-18469

Trans. of Vysokomolekulyarnyye Soyedineniya (USSR)
1960, v. 2 [no. 1] p. 133-135.

By interaction of dinitriles of alkanedioic and aralkanedioic acids with glycols in the cold and in the presence of hydrogen chloride, there are formed polyiminoester hydrochlorides that are transformed by hydrolysis into complex polyesters having terminal nitrile and hydroxy groups. Eight complex polyesters with molecular weights of 1000-1700 were synthesized. (Author)

(Chemistry--Organic, TT, v. 5, no. 3)

60-18469

1. Esters--Synthesis
2. Cyanides--Chemical reactions
3. Glycols--Chemical reactions

I. Zil'berman, Ye. N.

II. Teplyakov, N. M.

Office of Technical Services

Products of the Interaction of Adiponitrile With Hydrogen Chloride and Their Hydrolysis, by E. N. Zil'berman, A. R. Kulikova, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 5,
1959, pp 1694-1698.

Consultants Bureau

Sci

Jul 60

120.484

The Mechanism for the Oximation of
Cyclohexanone with Sodium Hydroxylamine
Monosulfonate.⁵ by E. N. Zilberman and
H. M. Smirnova, 4 pp.

RUSSIAN, per, Dok Ak Akad SSSR, Vol CIV, No 1,
1957, pp 927-930.

Consultants Bureau

Sci - Chem

Aug 58

70,924

Stages of Mineral Formation of the Chukotka
Tin-Ore Deposits, by A. V. Zil'bermintz.
RUSSIA, per, Dok Ak Nauk SSSR, Earth Science
Sections, Vol CLIII, № 1-6, Nov, Dec 1963, pp

Amer Geol Inst

Sci
Jul 65

Zonal Seminar on Raising the Skills of Workers Dealing with the Problems of Utilization and Conservation of Water Resources in the Far East and Siberia, by I. S. Zhdanov, and I. M. Zill'bershteyn, 5 pp.
RUSSIAN, per, Cityana i Sanitariya, Vol 2), No 4, Apr 1964, pp 11-110.
PPS 2)01

p 65

DSB
Set-I/M
Mar 65

276,361

Spectrographic Determination of Impurities in
Semiconductor Silicon after Chemical Enrichment,
by Yu. V. Morachevskiy and Kh. I. Zil'bershtein
pp 6 pp.

RUSSIAN, per, Zhur Analiticheskoi, Vol XVII,
No 5, 1962, pp 614 - 620

CB

Sci

Jul 63

342, 328

Factors Affecting Line Intensities in Spectrum
Analysis of Solutions, by Kh. I. Zil'bershtein, 2 pp.

Full tr

RUSSIAN, bimo per, Iz Ak Nauk, Ser Fiz, Vol XIX, No 2,
1955, p 197. CIA C 42795

35,852 Columbia Tech Tr

Scientific - Physics, Mathematics, Chemistry
Jun 56 CPS/dex

Effect of the Electrode Diameter on the Butt and Spot Welding of Tubing, by B. D. Zhukovskiy, L. I. Zil'bershtein, V. I. Mizera, 4 pp.

RUSSIAN, per, Svaroch Proiz, No 7, 1960, pp 11-12.

BWRA

Sci

169,988

Oct 61

Revolving Joint Butt-Welding of Pipes by High Frequency Current by N. D. Zhukovskiy, I. V. Zalibachkin, N. V. Golovkin, 8 pp.

RUSSIAN, per, Svaroch. Proiz., No 7, 1959, pp 62-64.

British Welding Res Assoc

Sci
Aug 60

12.2.27

Using the Reserve Capacities of Existing Open-Hearth Furnaces, by M. B. Zil'bershtein, P. K. Morokov, V. N. Kazantsev, 3 pp.

RUSSIAN, per, Stal, No 11, 1960, pp 985-988.

BISI

Sci

Apr 63

145⁴, 02

On the Way to Further Successes, by M. B. Zilber-
shstein, 1/4 pp.

RUSSIAN, per, Metallurg, No 4, 1957, pp 16-18.

Consultants Bureau

Sci - Engr

1

Jup 58

66,992

Use of Automatic Logical Devices for Medical Monitoring, by R. M. Bayevskiy, Ye. A. Zil'bertal, et al, 9 pp.
RUSSIAN, per, Dvul Ekspres Biolog i Medis, Vol VI,
No 8, 1963, pp 116-120.
JPRS 24121

Sci - Med
Apr 64

254, 352

of Automatic Logical Devices (Computers) for
Aeronautical Control, by R. M. Bayevskiy, V. A. Zil'bertal, 9 pp.

1963, per, Naukliston' Eksperimental'noy Biologii
& Meditsiny, Vol 19, No 8, 1963. 9689034

FID-TT-63-1013

Sci - Biol & Med Sci
Rev 64

246, 229

The History of Plague in Armenia, by
V. N. Zil'Yan, 4 pp.

ROSSIAN, per, Zhur Mikrobiol Epidemiolog i
Imunobiol, Vol XXXII, No 2, 1961, pp 135-138.

PP

Sci

Jan 62

200,533

20
Inconsequential Changes in Standard Chinese Page
With Translation, by S. A. Popovina, V. N. Zaytsev,
et al., 18 pp.
RUSSIAN, per, Voprosy Radiotekhnika, Gorskii Trudov.,
Vol III, IV, 1961, pp 205-215.
JPRS 26964

Sci-Mat & Mat
Doc 64

270,001

Molecular Weight and Constitution of
Hypophosphoric Acid, by A. Rosenheim,
N. Zilg, 12 pp.

GERMAN, per, Z Physik Chem, Vol CXXXIXa,
1928, pp 12-21.

NOT RELEASABLE TO FOREIGN NATIONALS

CIA/FDD XX-315

Sci - Chem 49,460
Jun 57
IAC INTERNAL USE ONLY

Strength of Metal Whisker Crystals Containing
Impurities, by V. G. Kostyuk, K. A. Zilin,
5 pp.

ISSIAK, per, Fiz Tverdogo Tela, Vol V, No 11,
1963, L 3060*3005.

Acad Inst of Phys
Sov Phys - Solid State
Vol V, No 11

Sci
May 64

258,981

Analysis of Plastics: PVC, by F. Zilio-
Grandi, G. Libralesco.
ITALIAN, per, Materie Plastiche e Elastomeric,
Vol. 30, No 7, 1964, pp 643-653.
RAPRA-1240

F. Zilio-Grandi

Sci-MW
Jul 66

306,085

Hypophysis and Fe Iron Metabolism. The Absorption
of Fe⁵⁹ in the Bone Marrow, Blood and Various Organs
of Hypophysectomized Rams, by M. E. Austoni.
D. Ziliotto, et al, 15 pp.

GERMAN, per, Wiener Zeitschrift fuer Innere Medizin,
Vol XXXVII, No 4, 1956, pp 137-145. 9226230
AEC-UCRL-Tr-1154

p 2.2

Sci-Biol & Med
Jan 65

271,802

A Device for Measuring Resistance and
Resistance Uniformity Along the Length of
Uninsulated Wires, by S. I. Zilitinkevich,
L. G. Krusheninnikov, et al, 14 pp.

RUSSIAN, per, Iz Vyssh Ucheb Zaved MViSSO
SSSR po Razdeleni Priborostroyeniye, Vol V,
No 3, 1962, pp 21-29.

JPRS 21014

Sci

Sep 63

343,742

Testing High-Power Carbided Cathodes Under Reduced X
Vacuum, by S. I. Zilitinkovich, M. D. Gurevich, 10 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved MV1880 SSSR
po Razdelu Priborostroyeniye, Vol V, No 5, 1962,
pp 3-5.

JPRS 18821

Sci - Eng

May 63

228, 970

Testing of High-Power Carbide Cathodes With
Ruptured Gas Sparks, by M. D. Gurevich,
S. I. Silitinkovich, 0 sp

RJSSSR, per, Iz Vsesoyuzn. Ucheb. Zaved. Ministrov
SSSR po Radioelektronike, Vol. V, No 4,
1962, pp 3-10.

JFRS 13629

See

229,668

Ad1 63

29
Institution Building by S. I. Zhitinkovich, 225 pp.
AEROMARINE, Sov. Ex. Vysok. Sredn. Zavod, Priborostroy.,
Leningrad, Tch. Tch., No. 4, 1964, pp. 5-172.
ZP R5 27000

Sci - Elect, Eng
Jan 63

270,070

s. I. Zhitinkovich

Non-stationary Turbulent Regime in the
Surface Layer of the Atmosphere,
by N. S. Zilitinkevich.
Vibra., per, Tracy Clav. Geoliz. Observ.,
Vol 127, 1962, pp 3-13.
Ref. No: 7775,7573 1962 (T-1-487)

S. S. Zilitinkevich

Sci-Atmospheric Sci
Rept 66
309,535

New-Stationary Turbulent Regime in
the Surface Layer of the Atmosphere,
By A. S. Zilitinkevich, 18 p.
Moscow, Mr. Trudy, Leningrad. Glavnaya
Geofizicheskaya Observatoriya, no 127,
1952, M 3-15. 9699506
AMUL Y-3-487

60

Sci-Mur Sci
Mr. G.
297,695

STRUCTURE OF THE SOUTHERN BOUNDARY LAYER UNDER CONDITIONS
OF TURBULENCE, BY G. R. JONES AND R. D. STANFORD, 20 JULY
1966, 1966, RECORDED 1 AUGUST, NO 1, 1966, PP 24-37.
ARMED FORCES
T-2-457

Set - 22
Mar 66

272,400

N. Diesel-Electric Locomotives for Austrian
Railways by Zilka.

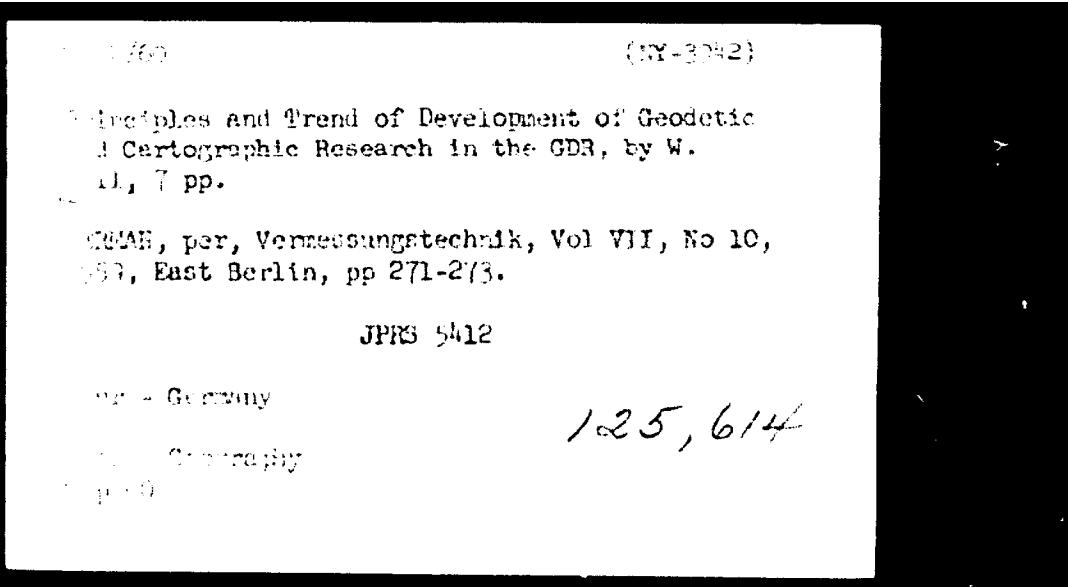
GERMAN, per, Elektra Bahnen, Vol. 26, No. 7
1958

GB/233

21KAH

Sci -
Aug 67

336-037



The Deutsche Bundesbahn Within the Team Network, by
Hermann Ziller, 28 pp. UNCL

GERMAN, per, Die Bundesbahn, Vol XXXV, No 9, 1961,
pp 384-393.

JPBS DC-6113

Klar - Germany

Econ - Transportation

Aug 61

163, 795

(2095-N)

The Priority Schedule of the East German
Railroads, by Hermann Ziller, 5 pp.

GERMAN, per, Die Bundesbahn, No 17, Darmstadt,
West Germany, 1958, pp 891-893.

JPRS 1055-N

ABur - East Germany
Scanned
Mar 59

83, 616

Studies on Protein Biosynthesis, I. On
Incorporation of C¹⁴-Labelcd Amino Acids Into
Protein of Cellfree Nucleoprotein Enzyme Systems
From Escherichia Coli B., by D. ~~SCHACHS~~
Schachtschabel, W. Zilling , 11 pp.

GERMAN, per, Z Physiol Chem, VOL CCCXIV,
1959, pp 262-275.

NIH 2-30-62

191,468

Sci - Med

Apr 62

Dec 61

Studies on the Biosynthesis of Proteins, III. On
the Composition and Structure of Ribosomes,
W. Zillig, W. Kronen, M. Albers.

GERMAN, per, Z Fuer Physiologische Chemie, Vol
CCCVII, 1959, pp 131-143.

NIH 84-61

175, 038

Sci - Med

Dec 61

Studies on the Biosynthesis of Proteins, II.
Distribution of Amino Acid-Activating Enzymes in
Cell Fractions From Homogenates of Escherichia
Coli B, by D. J. McCorquodale, W. Zillig, 5 pp.

In GERMAN, per, Hoppe Seyler's Z fuer Physiologische
Chemie, Vol CCCXV, 1959, pp 46-89.

NIM 9-20-61

Sci - Med

171 197

Jun 62

Clinical Experiences with Thiogenal as a Hypnotic in
Electro-Shock Treatment, by C. Zillinger.

GERMAN, per, Therapie der Gegenwart, Vol XXXIV, No 9,
1955, p 529.

ASLIB-GB2

Sci

Aug 59

93, 677

Protection Against Air Pollution in the Ironworks,
by B. Zillmer. UMCL

GERMAN, per, Stahl u Eisen, 30 Apr 1959,
pp 629-634.

BISI 1385
(L).5.0)

Sci - Min/Met
Oct 59

98 631

DETERMINATION OF THE IDENTITY OF THE PROSPECTING
NETWORK AS PRACTICED AT THE KAZSHAKAN COPPER-
MOLYBDENUM STOCKPILE, BY T.L. ZIL'YAN, 9 PP..

RUSSIAN, PERIODICAL: PROBLEMS IN AGROK., NO 10, 1962,
PP 43-47.

JPRS 18220

URSS
ECON
MAY 63

223-4505

Ground communications at airfields, by Col Gen
Bary B. Yev. Zil'manovich.

RUSIAN, no per, West Voz Rota, No 2, type.

*ALG

USA
Military

Behavior of Sheep Mice Under Special Stress, by
Ya. S. Fridman, T. K. Zhurav, et al., 29 pp.
RUSSIAN, per, Soviet Animal Health Review, 1965, pp 123-233.

3786 20,000

Sov-Max & Max
Feb 64

248,377

A Technique for Testing Sheet Materials in Biaxial
Tension With a Varying Amount of Stored Elastic Energy;
V. F. Zelenin, N. I. Novozhilova, 5pp

ANSOVA, per, Zavod Lab, Vol XXX, No 5, 1963,
pp 600-603.

IBA

for
on 62

245, 631

Testing of Studs in Tension With Torsion Under Yielding Loads, by T. K. Zilova, N. I. Petrukhina, 6 pp.

RUSSIAN, per, Zavod Lab, Vol XXVII, No 7, 1961,
pp 377-382.

ISA

Sci
May 12

194,711

Study of Heterogeneity of Plastic Flow During
Torsion by the Knurled Grid Method, by T. K.
Zilova, N. I. Demina, I. V. Friedman, 13 pp.

RUSSIAN, per, Fiz Metal i Metall, Vol IV
No 3, 1957, pp 455-469.

Pergamon Inst

Sci - Chemistry

Sep 58

73, 983

Gaseous Exchange When Oxygen is Inhaled, by
G. N. Zilov, 5 pp.

RUSSIAN, per, Byul Eksper Biol i Med, Vol XLVIII,
No 8, 1959, pp 12-16.

Consultants Bureau

Sci

Mar 60

111, 337

Affect of Cracks upon the Mechanical Properties of
Metals in Different States of Stress, by Ya. B. Fridman,
K. Zilova, N. I. Zhukova, 1100 words.

RUSSIAN, per, Dok Akad Nauk SSSR, Vol XXCIV, No 1,
1952, pp 67-70.

Brutcher No. 3542
\$2.90

Scientific - Minerals/metals

26,727

Sep 55

Determination of Mechanical Properties With the
Kinetics of Strain and Failure Taken Into Account,
by Ya. B. Fridman, T. K. Zilova, B. A. Drozdovskay
et al, 8 pp.

RUSSIAN, per, Zavod Lab, Vol XXVI, No 11, 1960,
pp 1267-1283.

ISA

Sci

157, 716

Jul 61

Tensile Tests at Varying Amounts of Stored Elastic Energy, by T. K. Zilova, B. A. Palkin, N. I. Petrokhina, N. V. Ryazanov, Ya. B. Fridman, 7 pp.

RUSSIAN, per, Zavod Lab, Vol XXV, No 1,
1959, pp 76-82.

Instru Soc of Amer

Sci

Apr 60

113,476

Regarding the Laws of the Kinetics of Deformation as
a Function of the Compliance of Loading, by T. K.
Zilova, N. I. Petrukhina, Ya. B. Fridman, 4 pp.

RUSSIAH, per, Dok Ak Nauk SSSR, Vol CXXIV, No 6, 1951
pp 1236-1239.

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

Sci - Phys

97,112

The Process of Fracture of Plastic Metals,
Dr. E. Fridman, M. K. Zilova.

UDSSR, per, Dok Akad SSSR, Vol LXIII, No 4,
1950, pp 697-700.

Brutcher Tr No 2876

Identifile - Min/Metals

Dec 54 CTS/DIX

\$3.70

14,729

The Action of Various Modifications of Tetrasodium Pyrophosphate, by Heinz Zilske, 8 pp.

GERMAN, per, Seifen-Ole-Fette-Machse, 1954,
pp 434-435/

CIA/TDD/X-1712

25,155

Scientific - Chemistry

Jul 55 CIS

(DU-5/n5)

Heat Resistance of Polyester Glass Laminates,
by Vaclav Zilvar, 5 pp. GOVERNMENT USE ONLY

CZECH, per, Chemicky Prumycl, Vol 11, No. 9,
Sept 1961, pp 493-497.

JPIIS 12690

EEur-Czech
Econ
Kar 62

186, 996

Mechanism of the Decomposition of Apatite by
Phosphoric Acid, by M. E. Pozin, R. A. Kopylev,
D. F. Zhil'tsova, 6 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXII, No 10,
1959, pp 2164-2170.

CB

127402

Sci

Sep 60

"Increase in Labor Productivity in Construction
Industry" [Czechoslovakia], by M. Zilvarova.

CZECH, per, Statisticke Zpravy, 31 Dec 58, Prague,
pp 20-22.

FID/Sum 2344

Edu - Czechoslovakia

Econ - Construction

Sep 59

97,318

Automatic Control of the Thickness of Rubber
Sheeting During Calendering, by Ya. Ya.
Zilvestr, I. M. Starov, 3 pp.

RUSSIAN, per, Kuachuk i Rezina, Vol XX,
No 8, 1961, pp 20-23.

RAPRA

Sci

Jul 62

204,106

Certain critical observations on methods of raising
the output from internal mixers, by I. M.
Starov, Ya. Ya. Zilvester, 3 pp.

RUSSIAN, per, Kauchuk i Rezina, Vol XIX, No 12,
1960, pp. 9-12.

RAPRA

Sci

168,978

Sept. 61

Polarization of Luminescence of Pure and Impure
Anthracene Crystals, by B. L. Zima, G. S. Pekar.
RUSSIAN, per, Depovidi, AN UkrSSR, No 8, 1964,
pp 1043-1046. 9700352
PTD-TT-65-1038

B. L. Zima

Sci/M4H
May 66

301,078

Methylthioethyl-2'-Pentylthiobarbituric Acid,
Sodium Salt, a New Short-Action Anesthetic, by O.
Zima.

GERMAN, per, Der Anaesthesist, Vol III, 1954, pp
244-245.

ASLIB-GR2

Sci

Aug 59

95, 168

Beat Amplifier, by V. Zima, 17 pp.

CZECH, per, Ceskoslovensky Casopis pro
Fysiku, Vol X, No 5, 1960, pp 499-510.
9673082

FTD-TP-61-15

Sci - Electron

2 Mar 62

186, 220

Polarization in the Luminescence of Pure and
Impurity-Containing Anthracene Crystals,
by V. L. Zima, G. S. Pekar, et al.
RUSSIAN, per, Dopovid Ak Nauk Ukrains RSR, No 8,
1964, pp 1043-1046.
•FTD-TT-05-1038

Sci-M/M
Jul 65

Investigation of the Spectra of and the Conditions
of Excitation Energy Transfer in Pure and
Doped Anthracene Crystals, by V. L. Zima,
V. M. Korsunskiy, et al, 5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXXVII,
No 4, 1963, pp 516-520.

CTT

Sci

Apr 64

256,040

The Effect of the Radioactivity of Molybdenum
Trioxyde on the Velocity of Its Evaporation, by
V. I. Spitsyn, I. E. Zimakov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIX, No 3,
1961, pp 654-657.

CB

Sci

190,319

Apr 62

Multinide Radioactive Dilution Method for Determining Nitrate Impurities, by I. E. Zimakov, G. S. Kochubey, T. P. -

RUSSIAN, per, Zavod Lab, Vol XXIV, No 8, 1958,
pp 922-925.

CIA/FDD XX-720
NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Physics
Dec 59
UEIB INTERNAL USE ONLY

102, 133

The Registration of Some Power Supply Requirements
Searched and Extracted from the Proceedings of Congress
and Executive, by Dr. T. M. Stoddard, Dr. G. H. Chapman,
Dr. G. T. Moore,
**REMARKS: 1946 Proceedings of the Committee on
Territorial and Foreign Affairs, Senate, Washington, D.C., pp 248-250. 222465
ABC-CRME-T-68**

34

Sci-Mech Sec
Oct 64

207,000

| | | |
|--|--|--|
| <p>Zimakov, P. V. SELECTIVITY IN THE CATALYTIC OXIDATION OF ETHYLENE TO ETHYLENE OXIDE. [1963] [25p] 46refs Order from OTS or SLA \$2.60</p> <p>Trans. of Uspekhi Khimii (USSR) 1959, v. 28, no. 11, p. 1342-1352.</p> <p>DESCRIPTORS: *Ethylenes, *Oxides, Oxidation, Catalysis, Silver catalysts, Metal poisoning, *Epoxides.</p> <p>(Chemistry--Organic, TT, v. 10, no. 11)</p> | <p>63-20012</p> <p>I. Zimakov, P. V.</p> <p>Office of Technical Services</p> | |
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