

Internal Rotation in Polymer Chains and Their
Physical Properties. XIII. The Dimensions and
Dipole Moments of Molecules of Isotactic Vinyl
Polymers, T. M. Birshteyn and O. B. Ptitsyn,
10 pp. (by

RUSSIAN, Zhur Tekh Fiz, Vol XXIX, No 8, 1959,
pp 1048-1057.

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

Sci

Feb 60

109,137

The Relaxation Theory of Vitrification. I.
The Solution and Investigation of the Basic
Equation, by M. V. Vol'kenshtein, O. B. Pitnyn,
9 pp.

RUSSIAN, no per, Zhur Tekh Fiz, Vol XXVI, No 10,
Oct 1956, pp 2204, 2222.

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

Sci - Physics
Nov 57

54, 754

Hydrodynamics of Polymer Solutions -- III. Influence of
Volume Effects on Light Scattering and the Friction
Coefficient of Macromolecules in Solution, by O. B.
Ptit'syn, Yu. E. Kizner, 15 pp.

RUSSIAN, per, Vysokomol Soyedin, Vol I, No 7, 1959,
pp 966-977.

PP

7
164, 451

Sci

Aug 61

Theory of the Annealing of Glass as a Cooperative
Process, by Yu. Ya. Gotlib, O. B. Ptitsyn, 4 pp.

RUSSIAN, per, Fiz Tverdogo Tela, Vol III, No 11,
1961, pp 3383-3388.

AIP

Sov Phys - Solid State
Vol III, No 11

Sci

202,871

Jul 62

Internal Rotation in Polymer Chains and Their
Physical Properties. VI. Dimensions and Di-
pole Moments of Polyvinyl Chains with Massive
Substituents, by O. B. Ptitsyn and Yu. A.
Sharonov, 11 pp.

RUSSIAN, no per, Zhur Tekh Fiz, Vol XXVII, No
12, 1957, pp 2744-2761.

Amer Inst of Phys
Sov Phys - Tech Phys
Vol II, No 12, 1957

Sci - Phys
Jul 58

67,465

O. B. Ptitsyn

Theory of Polyelectrolyte Solutions. Part I.
Dimensions of Polyelectrolyte Molecules at
Small Degrees of Ionisation.

RUSSIAN, per, Vysokomolekulyarnye Soedineniya,

Vol 3, 1961, pp 1084-1090

NTC 72-13229-07D

CIA-X-7510

sept 72

O. B. Ptitsyn

Theory of Polyelectrolyte Solutions.
Part III. Effect of Non-Uniform Dis-
tribution of Charges Along the Chain
on the Dimensions and Form of Macro-
molecules, by O. B. Ptitsyn.

RUSSIAN, per, Vysokomolekulyarnye
Soedineniya, Vol 3, No 9, 1961,
pp 1401-1405.

NTC 72-10811-07D

Apr 72

O. B. Ptitsyn

Theory of Polyelectrolyte Solutions, By
O. B. Ptitsyn

RUSSIAN, per, Ukrainskii Fizicheski Zhurnal,
Vol 7, 1962, pp 702-709
NTC 71-16821-07D

Feb 72

Hydrodynamics of Polymer Solutions. I. Diffusion and Sedimentation of Branched Molecules, by O. B. Ptitsyn, 17 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol ~~XX~~ XXIX, No 1, 1959, pp 75-93.

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

Aug 59

93,921

The Effect of Intermediate Electrodes on Self-Sustained
Discharge Ignition Potential in High Voltage Metal "
Mercury Rectifiers, by D. D. Alekandrov, N. F. Olend-
zkaya, S. V. Ptitsyn, 8 pp.

RUSSIAN, per, Radiotekh i Elektron, Vol IV, No 8,
1959, pp 1270-1273.

FP

135,338

Sci -
Jan 61

Electrical Strength of a High-Voltage Tube, by D. D.
Aleksandrov, N. F. Olendz Olya, S. V. Ptitsyn, 10 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVIII, No 4,
1958, pp 896-907.

Amer Inst of Phys
Sov Phys - Tech Phys
Vol XII, No 4

Sci - Phys, Electron
Jan 59

78, 712

USSR/Sci/Physics/Cathodes/Oxides

C

Emission From Oxide-Coated Cathodes, by S. V. Ptitsyn,
26 pp. UNCLASSIFIED

RUSSIAN, per, Zhur Tekh Fiz, Vol XVII, No 9, 1947.

AMC F-TS-7046-RE

AECTA

RT-1186

PA 40T82

~~0-1186-018~~

A9583

Paper Chromatography of Diaryl Organotin Compounds
and Its Use for the Study of the Products of the
Reaction of Unsymmetrical Diaryliodonium Salts With
Stannous Chloride, by O. A. Reutov, O. A. Ptitsyna,
M. F. Turchinskiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIX, No 1,
1961, pp 146-149.

CB

190,305

Sci

Apr 62

Synthesis of Organobismuth Compounds Via Diaryliodonium
Salts, by O.A. Ptitsyna, O.A. Reutov, 5pp.

RUSSIAN, Per, IZ Ak Nauk SSSR, Otdel Khim Nauk, No 4,
1962, pp 638-643.

CB

Sci

Feb 63

233,270

Double Diazonium Salts of the Type $Ar_2SbCl \cdot ArN_2Cl$,
O. A. Reutov, O. A. Puiseyna, A. N. Lovtsova,
V. F. Petrova, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 12,
1959, pp 3888-3894.

CB

Sci

Nov 60

139,207

Decomposition of Unsymmetrical Diaryliodonium
Salts With Powdered Bismuth in the Presence of
Bismuth Trichloride, by O. A. Reyutov, O. A.
Ptitsyna, N. B. Styazhkina, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXII, No 6,
1958, pp 1032-.

CB

Sci - Chem
Oct 59

100,064

New Possibilities for the Synthesis of Organoanti-
mony Compounds Through the Double Diazonium Salts
of Antimony Trichloride, by A. N. Kasmeyanov, O. A.
Reutov, O. A. Ptitayna, 11 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XCVI,
No 6, 1953, pp 1341-1344. *CIA D 15119*

NIH

Scientific - Chemistry

CTS 65/Feb 1955

21,248

The Synthesis of Organomercury Compounds by Means
of Diaryliodonium Salts, by O. A. Reyutov,
O. A. Ptitayna, Hu Hung-weng, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXII, No 5,
1958, pp 825-827.

CB

Sci - Chem
Oct 59

100,060

Double Diazonium Salts of Methyltin Trichloride
and Diethyltin Dichloride, by O. A. Reyutov,
O. A. Plitsyna and N. D. Patrina, 4 pp.

RUSSIAN, ISS, Zhur Obshch Khim, Vol XXVIII,
No 3, 1958, 588-591.

Consultants Bureau

Sci - Chem

May 59

87,350

Contribution to the Question of the Synthesis of
Antimony Organic Compounds by the Method of Binary
Diazonium Salts, by O. A. Reutov, O. A. Ptitsyna,
6 pp.

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, Vol LXXIX,
No 5, 1951, pp 819-821.

NIH

Scientific - Chemistry

9156

Jan 54 CTS

Synthesis of Aromatic Organo-Antimony Compounds by the
Add of Arylazoformates, by O. A. Reutov, O. A. Ptitsyna,
10 pp.

Full translation.

RUSSIAN, no per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 1, Jan-Feb 1952, pp ~~285-288~~ 93-102.

Consultants Bureau

USSR

Scientific - Chemistry

4501

Synthesis of Organic Compounds of Quinquevalent Antimony by the Arylation of the Organoantimony Compounds $ArSbX_2$ and Ar_2SbX with Diazo Compounds, by A. N. Nesmeyanov, O. A. Reyutov, O. A. Ptitsyna, and P. A. Tsurkan, 9 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 12, 1958, pp 1435-1444.

Consultants Bureau

Sci

Apr 60

112,203
6

Synthesis of Organoantimony Compounds Via Diaryliodonium Salts, by O. A. Ptitsyna, O. A. Reutov, 5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 2, 1961, pp 265-269.

CB

Sci

Jun 62

198,805

The IKS-11 and IKS-12 Infrared Spectrometers, by N. S.
Golyandin, I. G. Ptitsyna, I. I. Reshina, I. L. Sakin,
3 pp

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXIII,
No 10, 1959, pp 1240-1243

Columbia Tech

Sci
Nov 60

132,919

(NY-6498)

Contribution to the Study of the Superregenerative Regime of One-Circuit Parametric Amplifiers, by E. M. Gershenzon, T. F. Lyubimova, N. G. Ptitsyna, et al, 16 pp.

RUSSIAN, per, Iz V VUZ, MVO, Radiofiz, Vol IV, No 1, 1961, pp 113-120.

JPRS 10349

Sci
Nov 61

174.901

Copper Naphthenate Paste -- Substitute for Bordeaux
Mixture, by N. V. Ptitsyna, O. A. Durdina, 4 pp.

RUSSIAN, per, Zashchita Rasteniy ot Vreditel'ey i
Bolezney, No 3, 1961, pp 36-38.

JPRS 12153

Sci - Chem

Feb 62

180,955

Solid Gasoline, by T. Ptitsyna, 7 pp.

RUSSIAN, per, Tekhnika Molodezhi, No 3, 1959,
pp 22-23. CIA 650548

ATIC MCL-260/V

Sci - Chem
Oct 59

100,936

Magnetic Properties of the Ferric Oxide- Ferrous
Oxide System, by K. N. Ptoemkin, S. K. Grebnev,
8 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk,
Metall i Toplivo, No 2, 1962, pp 27-31.

SIC

Sci

Nov 62

216,489

The Influence of Extracts of Virus Papillomas of
Humans on Explants of Endothelium of Rabbits, by
M. P. Ptokhov. 31 pp.

RUSSIAN, per, Voprosy Onkologiy, Vol 9, No 6,
1963, pp 34-41.

SLA TT-64-19295

M. P. Ptokhov

Sci/B&M
Jul 66

305,903

Prokhor, M. P.
**ENDOTHELIUM OF THE CARDIAC VALVES IN THE
 CAT, DOG, AND MONKEY.** [1963] [11]p. 11 refs.
 FASEB manuscript no. S 193-2.
 Order from OTS or SLA \$1.60 63-23048
 Figs. available on loan from OTS
 Trans. of Arkhiv Anatomii, Gistologii i Embriologii
 (USSR) 1962, v. 42, no. 3, p. 29-34.

DESCRIPTORS: *Epithelium, *Heart, Cats, Dogs,
 Primates, Tissues (Biology), Cells (Biology),
 Regeneration.

The valvular endothelium of every subject examined
 showed small-celled islets with a large number of
 amitoses. The fact that the small-celled islets and
 numerous amitotically dividing nuclei and cells are
 constantly present in the endothelium of the cardiac
 valves indicates high physiological regeneration
 (Biological Sciences--Physiology, TT, v. 10, no. 7)
 (over)

63-23048

- I. Prokhor, M. P.
- II. FASEB S-193-2
- III. Federation of American
 Societies for Experi-
 mental Biology,
 Washington, D. C.
- IV. Scripta Technica, Inc.,
 Washington, D. C.

A247178

Office of Technical Services

Growth and Alterations in Tissue Cultures of the
Endothelium of Heart Valves, by M. P. Ptokhov,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVI, No
3, Sep/Oct 1957, pp 501-503.

Amer Inst of Biol Sci

Sci - Med
Aug 58

69. 296

Change in the Transitional Epithelium in the Case
of Reparative Regeneration, by M. P. Ptokhov, 5 pp.

RUSSIAN, per, Byul Eksper Biol i Med, Vol XLIII,
No 2, Feb 1957, pp 98-100.

Consultants Bureau

Sci - Med

May 58

63,547

On the Specificity of the Shope Virus, by M. P.
Ptokhov, 5 pp.

RUSSIAN, per, Byul Eksper Biol i Med, Vol ~~45~~ XLIII,
No 7, 1957, pp 93-95.

Consultants Bureau

Sci - Med

Jun 58

65,446

Density of $\text{He}^3\text{-He}^4$ Solutions, by T. P. Ptukha,
5 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol
XXXIV, No 1, 1958, pp 33-38.

Amer Inst of ~~Phys~~ Phys
Sov Phys - JETP
Vol VII(34), No 1

Sci - Phys

Sep 58

73,236

Evaluation of Compressive Strength of ice 70
Under Short-lasting Rapidly Increasing
Load, by K. M. Korzhavin, F. I. Plukhin.
RUSSIAN, rpt, k Otsenke Predela Prochn-
osti L'da na Otkhatiye pri Kratkovremenn-
nykh Dystro Yevrastayushchikh Nagruzki.
14 pp.
ACSI J-6100
FSTC-MT-23-188-68-2

F. I. Plukhin

Sci-Mat
Apr 68

380,555

On the Diffusion of Atoms of an Impurity Through
the Contact Layer of an Oxide Cathode, by N. D.
Morgulis, I. G. Ptushinskiy, 8 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXV, 1955, pp 1157-
1159.

SLA Tr R-1002

Sci - Nuclear Physics
Jan 58

58,200

ra-
4,
An Investigation of Oxide Methods on Ores
of Tungsten-Activated Nickel, by Y. G. Ptushin-
skiy.

RUSSIAN, per, Zhur Mekh Fiz, Vol XXVI, No 1,
1956, pp 232-234.

ASLIB-GB54

Sci
Aug 58

70, 880

Certain Characteristics of Partial Adsorption of
Components of Residual Gases at Very High Vacuum.
II., by Yu. G. Prushinskiy, B. O. Chuykov, 5 pp.

UKRAINIAN, par, Ukrains'kiy Fiz Zhur, Vol VII,
№ No 1, 1962, pp 79-81. 9668600

FTD-TT-63-288

Sci-Electronics
May 63

230,879

Certain Features in the Partial Adsorption of the
Components of the Residual Gases in a Very High
Vacuum, by H. D. Morgulis, Yu. G. Ptushinskiy,
B. A. Chuikov, 3 pp

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,
No 5, 1959, pp 930-932.

Amer Inst of Phys
Sov Phys-Doklady
Vol IV, No 5

Sci

May 60

118,101

**Interaction of a Barium Oxide Molecular Beam with
an Incandescent Tungsten Surface, by Ya. G.
Pustinskiy, B. V. Gaykov, 5 pp.**

RUSSIAN, per, Radiotekh i Elektron, No 4, 1962.

AYEE

Sci

Nov 62

217,911

On the Question Regarding the Sign of
Electroconductivity of Evaporated Germanium Films,
by Yu. G. Ptushinskiy, Yu. A. Lupan, 2 pp.

RUSSIAN URAINIAN, per, Ukrain Fiz Zhur, Vol IV, No 1,
1959, p 125.

Navy Tr 3156/MIL 890

Sci

Jun 62

Investigation of the Dynamics of Formation of the Barrier
Layer in an Oxide-Coated Cathode by the Radioactive
Tracer Method, by Yu. G. Ptushinskiy, 1 p.

RUSSIAN, no per, Iz Ak Nauk SSSR, Ser Fiz, Vol XX,
No 10, Oct 1956, pp ~~1019-1020~~ 1127.

Columbia Tech

Sci - Physics

56, 485

Dec 57

Effect of Adsorption on the Resistance of Thin
Metal Films Pt. II. Electropositive Atoms, by
Yu. G. Ptushinskiy, 2 pp.

RUSSIAN, per, Radiotekh i Elektron, No 3, 1961,

AIEE

Sci
Apr 62

194,731

Influence of Adsorption on the Resistance of Thin
Metal Films, by Yu. G. Ptushinskiy, 9 pp.

RUSSIAN, per, Radiotekh i Elektron, Vol V, No 10,
1960, pp 1663-1668.

PP

Sci

Aug 61

167, 613

Strontium Vapour Diffusion Through Plug of
Porous Metal-Film Cathode, by Yu. G.
Ptushinskiy, B. A. Chuikov, 10 pp.

RUSSIAN, per, Radiotekh i Elektron, Vol II,
No 12, 1957, pp 1530-1535.

Pergamon Inst

Sci - Electron

Mar 59

83,568

Mass Spectrographic Determination of Composition
of Residual Gases in Electron Devices With Porous
Metal-Film Cathodes, by Yu. G. Ptushinskiy, and
B. A. Chuikov, 7 pp.

RUSSIAN, per, Radiotekh i Elektron, Vol II,
No 12, 1957, pp 1497-1501.

Pergamon Inst

Sci - Electron

Mar 59

83,562

Influence of Ion Bombardment on the Electron
Emission of Porous Metal-Film Cathodes, by
Yu. G. Ptushinskiy, 16 pp.

RUSSIAN, per, Radiotekh i Elektron, Vol II,
No 12, 1957, pp 1502-1511.

Pergamon Inst

Sci - Electron

Mar 59

83,564

The condensation of Silver Atoms on Molybdenum,
by Yu. G. Ptushinskiy, 5 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVIII, No 7,
1958, pp 1402-1407.

Amer Inst of Phys
Sov Phys - Tech Phys
Vol III, No 7

Sci - Phys

Mar 59

83,083

An Approximate Method for the Calculation of the
Ground State of an Isotropic Antiferromagnetic Crystal
by Fu-Cho Pu, 4 pp.

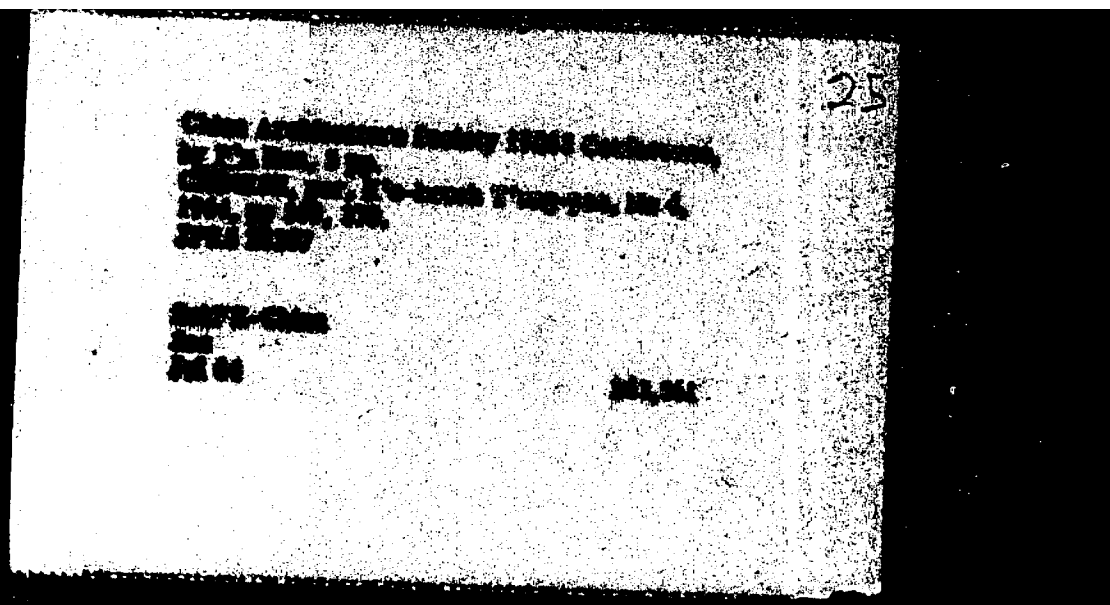
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 6,
1960, pp 1244-1247.

AIP
Sov Phys-Doklady
Vol V, No 2

Sci

Sep 60

125,808



(DC-3521).

Ten ■ Years of Highway Surveying and Design Work,
by I. Pu, 3 pp.

CHINESE, per, Kung-lu, No 10, 1959, pp 11-13.

JPRS 2537

FE - China
Econ - Transportation
Apr 60

115,364

65
Atmospheric Turbulence in the Different
Temperature Strata in the Boundary Layer,
by P'ei-Minn P'u,
CHINESE, per, Ch'i Hsiang Hsueh Pao, Vol
Vol 34, No 2, 1964, pp 211-224.
*FTD-TT-65-608

Sci-ES&A
Jun 65

Report on speech by Djuro Pucar at election meeting in Sarajevo on 22 May 63 (on significance of elections)

Belgrade, Borba, 23 May 1963

Yugoslavia

Daily Report
USSR & East Europe
No 105, 29 May 63

On Chlor-Acne, by V. Puccinelli

Italian, per, Med Lavoro, Vol XLV, No 3, 1954,
pp 131-145.

ASLIB-GB60

Sci
Apr 59

84, 941

STRENGTHENING THE INTERNATIONAL SOCIALIST DIVISION
OF LABOR, BY ZDENEK ~~MM~~ PUCEK, 7 PP.

CZECH, PER, ZIVOT STRANY, NO 18, SEP 1962,
PP 1105-1108.

JPRS 16041

EEUR - CZECH
POL
NOV 62

216,636

SETOC

(DC-3891)

Problems of the Long-Term Development of the
Czechoslovak National Economy Through 1975, by
Zdenek Pucek, 21 pp. FOR OFFICIAL USE ONLY

CZECH, per, Planovane Hospodarstvi, Vol XIII,
No 4, 1960, pp 249-264.

JPRS 3674

EEur - Czechoslovakia
Econ - General; Transportation
Aug 60

COPYRIGHT

122,995

(NY-6335/1)

Studies on the Effect of Acoustic and Ultra-
sonic Fields on Biochemical Processes, by
J. Grzesik, S. Jozkiewicz, M. Puchalik, et al,
5 pp.

~~THE~~ POLISH, per, Acta Physiologica Polonica,
Vol XII, No 1, 1961, pp 129-132.

JPRS 9675

Sci - Med
Aug 61

163.082

(NY-10)

A Study of Nonlinear Electrical Machines in
Control Systems Taking Magnetization Char-
acteristics Into Special Consideration,
by Tadeusz Puchalka, 16 pp.

POLISH, per, Archiwum Automatyki i
Telemechaniki, Vol VI, No 1, 1961,
pp 121-135.

JPRS 11244

EX Sci - Engr
Dec 61

177,482

(DC-4166)

The Great Victory of the Party's Policy Toward
the Minorities, by Pu Chan Man Tou, 4 pp.

CHINESE, np, Jen-min Jih-pao, 9 Apr 1960, p 18.

JPRS 6165

PE - China

Pol

Dec 60

133,586

Chemical dosimetry of the different radiations
in a nuclear reactor, by J. Pucheault, 29 pp.

FRENCH, per, J. Chim phys, 53, no 76, 1956,
p 705-713.

AKC-SOL-T-132
SLA 58-502

Sc1

Aug 59 .

94,400

Radio-Chemical Reactions in Nuclear Reactors,
by J. Pucheault, M. Lefort, M. Haissinski, 17 pp.

FRENCH, per, J de Chimie Physique, Vol XLIX,
1952, pp 286-293. 9095555

AEC Tr-4854

Sci - Nuc Phys
Mar 62

186,501

55
Basic Tests for Laboratory Experiments With Two
Species of Reticulitermes, by G. Becker,

D. Puchelt.

GERMAN, For. Holzforsch. und Holzverwert.

Vol 13, No 6, 1961, pp 110-117.

ALL Ref: 5809.95 (6009)

D. Puchelt

Sci-64M
Mar 69

376,858

Calculation for Shells of Double Curvature
Using Difference Equations, by A. Pusher.

GERMAN, per, Bauingenieur, Vol XVIII, No 9/10,
1937, pp 118-123.

CSIRO

Sci - Engr
May 62

199, 215

The Fields of Influence of the Moments of
Rectangular Plates, by A. Pucher

GERMAN, papers, Berlin Technical College, Published
by W. Ernst & Son, 1938.

TPA3/TIB T.855

Scientific - Engineering CTS/DEK

5493

Regarding the State of Stress in Curved Surfaces,
by A. Pucher.

GERMAN, per, A. Beton Z & Eisen, No 33, 1934,
pp 298-304

INSDOC/Ref T 4752 pp 26

A. Pucher

Sci -
Aug 67

335,122

Pucher, Adolf J.
CONCERNING THE STRESS FUNCTION OF ARBITRARILY CURVED THIN SHELLS. [1961] [17]p.
6 refs.
Order from SLA \$1.60

62-10626

Trans. of [paper presented at the International Congress for Applied Mechanics (No. 5) New York, 12-16 Sep 38].

DESCRIPTORS: Construction, *Structures, *Stresses, Buildings, Mechanical engineering.

(Unannounced)

62-10626

I. Pucher, A. J.

217194

Office of Technical Services

Pucher, Adolf J.
CONCERNING THE STRESS FUNCTION OF ARBITRARILY CURVED THIN SHELLS. [1961] [17]p.
6 refs.
Order from SLA \$1.60

62-10626

Trans. of [paper presented at the International Congress for Applied Mechanics (No. 5) New York, 12-16 Sep 38].

DESCRIPTORS: Construction, *Structures, *Stresses, Buildings, Mechanical engineering.

(Unannounced)

62-10626

I. Pucher, A. J.

Office of Technical Services

The Polarization of 6.8 Mev Protons for Scattering
by Carbon, by K. V. Pasechnik, N. N. Pucherov, B. F.
Orlenko, V. S. Propkopenko, 2 pp.

RUSSIAN, per, Zhur Eksper Teoret Fiz, Vol XXXIX, No 4,
Oct 1960, pp 915-16,

Internatl Phys Index
Phys Express
Vol III, No 4

Sci

Mar 61

141,748

Resolving Power of Scintillation Spectrometers,
by I. F. Barchuk, E. M. Galkin, M. V. Pasechnik,
N. N. Pucherov, 5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XIX,
No 3, 1955, pp 352-354.

Sci Mus Lib No 56/2185
A.E.R.E. Harwell Tr 656

Sci - Physics

42,828

Oxidation-Reduction Reactions of Tertiary
Hydroperoxides with Complex Molybdenum Salts,
by A. N. Sargayeva, V. A. Fushin, 4 pp.

RUSSIAN, per, Zhur Otchek Khim, Vol XXXI,
No 3, 1961, pp 871-874.

CS

Sci

May 62

. 195,321

Local Changes in the Human Electroencephalogram
Associated With Serial Visual Images, by L. M.
Puchinskaya, 5 pp.

RUSSIAN, per, Byul Eksper Biol i Medit, Vol LII, No 10,
1961, pp 3-7.

CB

Sci

205,203

Jul 62

(NY-6503)

Local Reaction to Light in the Human
Electroencephalogram, by L. M. Puchinskaya,
9 pp.

RUSSIAN, per, Byul Eksper Biol i Med, No 11,
1960, pp 3-7.

JPRS 9870

165,423

Sci - Med
Sep 61

Local Response of the Human Electroencephalogram
to Light, by L. A Puchinskaya, 5 pp.

RUSSIAN, per, Byul Eksper Biol i Med, Vol L,
No 11, 1960, pp 3-7.

CB

Sci
Jul 61

158,098

(DC-2700/1).

Increasing Labor Productivity and Decreasing the
Cost of Agricultural Production, by A. Puchkov, A.
Klimenko, 8 pp.

RUSSIAN, per, Ekon Sel'skogo Khoz, No 6, Sep 1959,
pp 46-51.

JPRS-1104-D

USSR

Econ - Technological - Agriculture
Jan 60

106,297

A Device for Measuring Stress Relaxation during the
Bending of Thin Strip Springs, by N. N. Geveling, B. I
Fuchkov, A. G. Rakhstadt, 3 pp.

RUSSIAN, per, Zavod Lab, Vol XXVII, No 1, 1961,
pp. 89 - 91

ISA

198,349

Sci
Apr 62

Reasons for the Hardening of Aluminium Bronze on
Recovery, by B. I. Pashkov, I. L. Rogel'berg, 4 pp.

RUSSIAN, per, Fiz Metal i Metallov, Vol X, No 2, 1960,
pp 302-305.

pp.

165, 649

Sci

Aug 61

62-10082

Puchkov, B. I., Rakhshtadt, A. G., and Rogel'berg, I. L.

INVESTIGATION OF THE RELAXATION OF COPPER SPRING ALLOYS. [1961] 14p. 13 refs.
Order from OTS or SLA \$1.60

62-10082

I. Puchkov, B. I.
II. Rakhshtadt, A. G.
III. Rogel'berg, I. L.

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Tsvetnaya Metallurgiya (USSR) 1960 [v. 3] no. 4, p. 145-152.

DESCRIPTORS: *Springs, *Copper alloys, Relaxation time, Temperature, Heat treatment, Stresses, *Elasticity.

206184

Results are given of investigations of strain relaxation in standard brands of copper alloys used for spring materials. From the alloys hardened by cold working the highest relaxation resistance is observed at 200-3500 for German silver 15-20 (copper-zinc-nickel) (Mechanics. TT, v. 7, no. 9) (over)

Office of Technical Services

The Synthesis of Labelled Carrier-Free Iodine,
by A. P. Busakin, L. V. Puchkov, 2 p.

RUSSEAN, per, Zhur Neong Khim, Vol. IV, No 2,
1977, pp 483-485.

Cleaver-Hume Press Ltd.
London

Sci - Chem
Jan 69

106,573

Equivalent Embryonic Ages of Chick, Rat, and
Man, by N. P. Puchkov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXV, No 3,
1959, pp 684-.

Amer Inst of Biol Sci

Sci

Dec 59

103,869

Specifications for Petroleum Products (Selected Articles), by N. G. Puchkov, (AF 1148127), 508 pp.

RUSSIAN, bk, Tekhnicheskiye Normy Na Nefteprodukty, Moscow, 1957, pp 3-263, 312-373, 396-451.

6 51260 V

ATIC F-TS-947/V
58

Sci - Fuels
Oct 59

Motor Qualities of Diesel Oil Distillates, by
N. G. Puchkov, 11 pp.

RUSSIAN, no per, Neft Khoz, ix No 3, 1955,
pp 68-74, Encl to IR-1599-56, AFOIN. CIA 554879

AF 1020570

USSR
Economic
Sci - Fuels
Sep 56 GTS

39,186

Diesel Fuels, by N. G. Puchkov, 61 pp. UNCLASSIFIED

RUSSIAN, bk, publ by Gostoptekhsdat, 1953,
pp 127-146, 150-176. CIA D 179379

AF 651438

USSR
Economic - Fuels
Scientific - Fuels
May 55 CTS

23,470

Puchkov, N. G., Borovaya, M. S. and others.
SERVICE PROPERTIES OF BASE OILS WITH VAR-
IOUS TREATING METHODS. [1962] 9p.
Order from ATS \$12.25 ATS-S1160R

Trans. of Khim[ya] i Tekhnol[ogiya] Topliv i Masel
(USSR) 1962, v. 7, no. 1, p. 53-59.

DESCRIPTORS: *Oils, Physical properties, Process-
ing. *Petroleum.

ATS-RI-3646

62-17740

- I. Puchkov, N. G.
- II. Borovaya, M. S.
- III. ATS-S1160R
- IV. Associated Technical Serv
ices, Inc., East Orange,
N. J.

217244

The Influence of Admixtures on the Property of
Diesel Oil, by N. G. Puchkov, M. S. Borovaya.

RUSSIAN, no per, Neft Khoz, Vol XXXIII, No 6,
1955, pp 63-72.

Technical and Commercial Tr

Scientific - Fuels

Jan 56 CTS/DEX

30, 7/7

The Kyren Earthquake of August 10, 1958, by
S. V. Puchkov, R. I. Khovanova, 4 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz,
No 6, 1959, pp 891-894.

AGU

Sci

Aug 60

123,638

Fundamentals of a Complex Method of Seismic Zoning
by S. V. Puchkov, 6 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geol, No 1, 1958,
pp 107-115.

Amer Geophys Union

Sci - Geophys
Jul 59

91,714

The Extraction of Salicylates of Scandium, Yttrium,
Cerium, Lanthanum, Uranium and Thorium, by B. N.
Sudarikov, V. A. Zaytsev, U. G. Puchkov, 9 pp. UNCL

9, 38

RUSSIAN, per, Nauchnyye Dok Vysshy Shkoly, Khim
i Khim Tekh, No 1, 1959, pp 80-83. 9660769

ATIC MCL-249/III

Sci - Chem

Apr 61

149,695

Telecom ID 11547

58
Mechanism of Development of Scleral Papillae in
the Eye of Chick Embryo, by V. Pechkov.
RUSSIAN, per, Arkh Anat, Vol XLVI, No 5, 1964,
pp 16-24.
HEW MIN No 5-51-66

Pechkov, V.

Sci - B/M
Jun 66

40
302,375

Studies in the Field of Polycyclic Compounds. I. The Reductive Cleavage of 1,4-Disubstituted 6-Aryl-amino-1',9'-anthrapyridones in Alkaline Solution, by V. A. Puchkov and T. N. Kurdyumova, 6 pp.

RUSSIAN, per, Zhur Obsheh Khim, Vol XXXII, No 2, 1962, pp 638-643.

CB

Sci :

234,030

Feb 63

INVESTIGATIONS IN THE FIELD OF POLYCYCLIC
COMPOUNDS II. THE ELIMINATION OF THE SUBSTITUTENTS
IN L,4-DISUBSTITUTED 6-ARYLAMINO-L'9'-
ANTHRAPYRIDONES, BY V. A. PUCHKOV,
T. N. KURDYUMOVA, 5 PP.

RUSSIAN, PER, ZHUR OBSHCH KHIM, VOL XXXII, NO 3,
1962, PP 950-954.

CB

SCI
FEB 63

221,585

Transformations in the Series of Diazoamino
Compounds. II. Thermal Decomposition of
Substituted 1,3-Anthraquinonylphenyltriazenes,
by V. A. Puchkov, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 9,
1959, pp 3058-3064.

CB

Sci

129, 3/2

Sep 60

Conversions of Diazoamino Compounds. III.
Homolytic Decomposition of Aromatic Diazoamino
Compounds, by V. A. Puchkov, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 10,
1959, pp 3428-3432.

CB

Sci

Oct 60

130,632

Reactions of Diazoamino Compounds. I. Thermal
Decomposition of Carboxy-Substituted Diazoamino-
benzene, by A. I. Kizber, V. A. Puchkov, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No 8,
1957, pp 2208-2213.

Consultants Bureau

Sci - Chem
Oct 58

74, 209