

~~XXXXXXXXXX~~
A New Criterion for the Quality of Photographic
Papers, by M. I. Shor, B. G. Vol, G. A.
~~XXXXXXXXXX~~ Zarankina, 110 pp.

RUSSIAN, per, Zhur Nauch i Prik Fotograf i
Kincmatog, Vol V, No 1, 1960, pp 28-33.

SLA 61-10280

Vol V, No 5
Jul 61

160,161

Kinetics of Finishing of Ammoniacal Silver Bromide
Emulsions for Photographic Papers, by M. I. Shor,
K. M. Ginzburg, 9 pp.

RUSSIAN, per, Zhur Nauch i Prikl Foto i Kinemato,
Vol III, No 2, 1958, pp 96-100.

SLA 59-10773

Sci - Physics
Sep 59
Vol II, No 2

98,637

The Role of Potassium Iodide in Photographic Emulsions,
by M. I. Shor, 23 pp. UNCLASSIFIED.

RUSSIAN, per, Trudy Leningradskogo Instituta Kinoin-
zhenerov, No 2, 1949, pp 112-124.

CIA/PDD/X-1424

17,750

Scientific - Physics

The Variation of the Viscosity of Photographic Emulsions and Gelatin Solutions With Temperature, by M. I. Shor, 6 pp

RUSSIAN, Zhur Prik Khim, Vol XXIV, No 7, July 1951, pp 748-754

Consultants Bureau
Vol 24, July 1951

USSR
Scientific - Chemistry

A-10989

Domestic Photographic Papers for Printing
Documents and Texts, by M. I. Shor, 7 pp.
RUSSIAN, per, Zhurnal Nauchnoy i Prikladnoy
Fotografii i Kinetografii, No 2, 1961,
pp. 154-159.
JPRS 37528

118

M. I. Shor

USSR
Sci-M/E
Oct 66

312,341

Use of Alumite for the Production of Potassium Sulfate by a Hydrothermal Method, by S. D. Shargorodsky, O. I. Shor and A. S. Barabanova, 6 pp.

Full tr

RUSSIAN, no pag, Zhur Prik Khim, Vol XXIX, No 4, 1956, pp 492-497.

Consultants Bureau

Sci - Chemistry
Dec 56 CTB

41, 650

Thermographic Study of Chromium Sulfate, by
I. D. Muzyka, O. I. Shor, 4 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI,
No 5, May 1956, pp 1277-1280.

Consultants Bureau

Sci - Chemistry
May 57

47,279

The Structure and Nature of the ~~Some~~ Complex
Compounds Formed by Reaction of Iodine Halides with
Potassium or Aluminum Halides, by Ya. A. Fialkov,
O. I. Shor, 8 pp. UNCLASSIFIED

RUSSIAN, per, Zhur' Obshch Khim, Vol XXIII,
No 3, Mar 1953, pp 363-372.

Consultants Bureau

Scientific - Chemistry

13,218

Physico-chemical Investigation of Systems
Containing Halides of Iodine and Halides of
Other Elements. I. The Systems ~~BRKLEKAKK~~
IBr-KBr and IBr-AsBr₃, by Ya. A. Fialkov,
O. I. Shor, 6 pp. UNCLASSIFIED

RUSSIAN, per, Zhur Obshch Khim, Vol XXIII,
No 3, March 1953, pp 357-362.

Consultants Bureau

Scientific - Chemistry

13,217

SHOR, O. I.

The Physicochemical Investigation of Systems That Contain Iodine Chloride or Bromide and Metallic Halides. V. Research on Nitrobenzene Solutions of the KBr-IBr and AlBr₃-IBr Systems, 9 pp.

Russian, no per, Zhur Obshch Khim, Vol XIX, No 7, Jul 1949.

CIA/DD-8-344

Dep cts

A-10990

SHOR O. i.

The Physicochemical Investigation of Systems Containing Halogenides of Iodine and Halogenides of Other Elements, VIII. ICl-KCl and ICl-AlCl₃ Systems, 15 pp. Confidential Russian, per, Zhur Obsheh Khim, Vol XIX, No 10, 1949.

FDD X-202

Consultant Bureau
(G-49-a 235)

A -10991

Application of High-Speed Computers to the 97
Solution of the Restricted Three-Body
Problem by the Hill-Brown Method; Part 1:
Calculation of the Right-Hand Sides of the
Equations in Inhomogeneous Form, by
V. A. Shor.
RUSSIAN, per, Dyall Inst Teor Astron, Vol VII,
No 4, 1960, pp 631-675.
NASA TT F 9490

V. A. Shor

Sci-Astron
101 22

Accuracy of Engine Wear Investigation by the
Radioactive Tracer Method, by Yu. S. Zaslavskiy,
Yu. S. Shor, G. I. Lebedeva, 8 pp.

RUSSIAN, no per, Iz Ak Nauk SSSR, Otdel Tekh Nauk,
No 1, 1954, pp 54-60.

27498

Sci Mus Lib 56/0885
Assoc Tech Sv RJ-232
\$8.40

Scientific - Engineering
CTS/3 Oct 1955

Recent Results of Investigations of the
Relationship Between Cancer and Nutrition, by
Edgar Shorer, 13 p.

SWISS, par, Gesundheit und Wohlfahrt, 1951,
Vol XXI, pp 99-108.

SLA 59-17030

Sci
Dec 59
Vol 2, No 6

104,218

THE MOSHAVIM AND THE NEW LAW OF COOPERATIVES,
BY SHEMUEL SHORESH, 6 PP.

HEBREW- NP, DAVAR, NO 11,364, 21 OCT 1962, P 3.

JPRS 16632

ME - ISRAEL
ECON, POL
DEC 62

218,262

SHKRICHEV, L. F.

Problems of Strategy and
Tactics in the Writings
of J. V. Stalin

Russian

Not Classified

Pamphlet, All-Union
Society for the Disse-
mination of Political and
Scientific Knowledge,
Pravda Publ House, Moscow
Apr 1950.

Political-Strategy
Tactics, Stalin

USCIB

State Tr TC 24558, 40 pp.

A10992

On the Problem of the Dielectric Strength of Stator Winding Insulation of High-Voltage Electrical Machines, by H. S. Shorik. URCL

RUSSIAN, per, Vest Elektrom, No 2, 1958, pp 7-12.

DSIR LIJ (loan) H.305

Sci - Electricity
Jun 59

88,471

The Use of Permalloy Transducers for Magnetic Measurements in Accelerators, by K. N. Shorin, Yu. N. Metal'nikov, G. M. Bozin, L. V. Eremin, 5 pp.

RUSSIAN, per, Pribery i Tekh Eksper, No 4, 1958, pp 25-29.

Instru Soc of Amer

Sci

114,019

Apr 60

Facing of Steel with Bronze by Use of the Electric
ARC Arc, by V. A. Ivanov, A. V. Shardin, P. I. Shorin,
6 pp UNCLASSIFIED

RUSSIAN, *pt*, Avtogennoe Delo, Vol XVIII, 1947,
p 28,

AKK AEC Tr 1904
Brutcher Tr 2086,
\$2.10

Scientific - Electricity

15,132

100

Heat Transfer, by S. N. Shorin, 601 pp.
RUSSIAN, bk. Teplotoperedacha, 1964, pp 1-490.
FI00045368-V
FTD-HI-66-541

Sai-Phy
Apr 68

352,119

S. N. Shorin

Heat Transfer in the Channel Flow of Radiating
Combustion Products, by V. N. Adryanov, S. N. Shorin,
14 pp.

RUSSIAN, per, Teploenergetika, No 3, 1957, p 50.

CIA/FDD X-4708

Sci - Phys

Sep 61

166,448

Research on Radiant Energy Transfer in an Absorbing
Medium, by I. P. Kolchenogova, S. N. Shorin, 16 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk,
No 5, 1956, p 29.

CIA/FDD X-4706

166,459

Sci - Phys

Sep 61.

Radiant Heat Exchange in the Cooling of Gas
Turbine Combustion Chambers, by S. N. Shorin,
18 pp.

RUSSIAN, no per, Is Ak Nauk SSSR, Otdel Tekh
Nauk, No 10, 1954, pp 99-111. 9093120

Morris D. Friedman
\$9.00 5-198

Scientific - Physics
CTS 73/Oct 1955

27894

Heat Exchange by Radiation in the Presence of an
Absorbing Medium, by S. N. Shorin, 6 pp.

et del talk number
RUSSIAN, per, Iz Ak Nauk SSSR, No 3, 1951, pp 389-406.

Engs Digest, Vol XII, No 10,
Oct 1951

navy 2044/T-67

Scientific - Engineering;
CTS/DEX

ALSO CIA/FDD/X-1114

5917

Heat Transfer by Radiation in a Stream of
Emissive Fluid, by V. E. Adrianov, S. N. Shorin,
UKCL

RUSSIAN to FRENCH, per, Iz Ak Nauk SSSR, May
1957, pp 46-53.

IRSID^T 1192

Rue
185 President-Roosevelt
St. Germain-en-Laye (S-et-D)
France

Sci - Phys
Apr 59

85, 040

On the Theory of Heat Exchange in Furnaces, by
G. I. Polyak, S. N. Shorin, 32 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk,
No 12, 1949, p 1832.

CIA/FDD X-4775

Sci - Phys

175, 624

Dec 61

Radiant Heat Transfer in a Flowing Radiating
Medium, by V. M. Adryanov, S. N. Shorin, 11 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk,
No 5, 1958, pp 46-50.

AKI Tx 3928

Sci - Nuc Phys

Mar 60

109,489

The Antifungus Antibiotic: Nistatin and Its Clinical
Use, by V. A. Shoria, 16 pp.

RUSSIAN, no per Klin Med, Vol XXXVIII, No 2, Moscow:
1957, pp 32-38. *214,500,250*

US JPRS/NY-L-35

NIH 9

Sci - Medicine

61,248

(SF-2186)

Results of a Preliminary Evaluation of New
Anti-Tumor Antibiotics on Various Transplant-
able Tumors of Animals, by V. A. Shorin,
V. A. Iyashenko, 5 pp.

RUSSIAN, par, Antibiotiki, Vol VII, No 1,
1962, pp 27-31.

JPRS 13141

Sci - Med
Apr 62

189,323

A Comparative Investigation of the
Antibacterial and Therapeutic Properties of
Crystallomycin and Amphomycin, by
V. A. Shorin, S. P. Shapovalova, 5 pp.

RUSSIAN, per, Antibiotiki, Vol IV, No 1,
1959, pp 77-80.

CB

164,433

Sci

Aug 61

Review of book "Antibiotics and their Practical Use",
by V. A. Shorin,

RUSSIAN, per, Mikrobiol., Vol XXII, No 3, 1953,
pp 347-349

USDA

10,649

Sci - Biology
CT'S/Dex

Study of the Antivirus Activity and Therapeutic Properties of the Antibiotic Antivirubin, by V. A. Shorin, K. Rossolino, 7 pp.

RUSSIAN, per, Antibiotiki, Vol I, No 2, pp 47-50, Mar/Apr 1956.

SLA H-1570

Sci - Chem
Aug 58

70,685

S-3020

(DC-1536)

Actinoidin, a New Antibiotic, by V. A. Shagin,
S. D. Yodintsev, I. A. Kuznet, 7 pp. UNCLASSIFIED.

RUSSIAN, bino per, Antibiotiki, Vol II, No 5,
Moscow, Sep/Oct 1957, pp 44-49.

US JPRS/DC-L-600

OSR LLU (can) 11-690
69, 587

Sci-Med

Study of the Antivirus Activity and Therapeutic
Properties of the Antibiotic Antivirubin, by
V. A. Shorin, O. K. Rossolino.

RUSSIAN, per, Antibiotiki, Vol I, No 2, Mar/Apr
1956, pp 47-50. CIA D 9008099

USDA

45,278

Sci - Medicine, Biology

Mar 57 CTS/dex

Physico-Chemical Properties of Ethanolamines, by
A. G. Leybush, E. D. Shorina.

RUSSIAN, no per, Zhur Prikl Khim, Vol XX, 1947,
USSR, pp 69-76.

Assoc Tech Sv RJ-112

Sci - Chemistry \$1.40 (\$1.15)

Aug 54

17,117

The Conversion of Carbon Monoxide in the Presence of
Substances Which Unite with Carbon Dioxide, by
F. P. Ivnovskiy, E. D. Florine, I. G. Dreitzer,
29 pp.

RUSSIAN, per, Zhur Khim Prom, Vol XIV, 1937, pp
567-576.

SLA R-3015

Sci

Jul 59

92,597

The Effect of Albomycin on Oxidative Processes and Nucleic Acid Metabolism in *Staphylococcus aureus* and *Escherichia coli*, by D. Grumberger, Z. Shornova and F. Shorn, 6 pp.

RUSSIAN, bino per, Biokhin, Vol XXII, No 1, 2, Jan-Apr 1957, pp 148-153.

Consultants Bureau

Sci - Chemistry
Apr 58

61,662

The Effect of Factors From Neoplastic Tissue Extracts
Containing Labile Sulfur on Tumor Development and on
the Activity ~~XXXXXX~~ of the Host's Liver Catalase, by
F. Shorn, A. Yakubovich, 6 pp.

RUSSIAN, per, Biokhim, Vol XXII, No 5, 1957, pp 849-
854.

Consultants Bureau

Sci - Med

Jul 58

66,829

The Peaceful Uses of Atomic Energy in the
Czechoslovak Republic, by F. Shorm.

CZECH, paper P/800, Proceedings of International
Conference on Peaceful Uses of Atomic Energy Held
at Geneva 8-20 Aug 1955, Vol XVI.

Internatl Conf -- UN

Sci - Nuclear Physics
Apr 57

CIA 1-669.9.162

46, 822

The Mechanism of the Action of Antibiotics on the
Development of Plant Seedlings, by F. Shorm,
M. Zelinkova, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol C, 1955,
pp 525-528.

SLA Tr R-1320

Sci

Jun 58

65,846

Concerning Viruses I. Isolation and Chemical Properties of the Rous Sarcoma Virus, by O. Leuchikova, A. Iakubovich, B. Ksil', F. Shorn, 24 pp.

RUSSIAN, per, Chekhovlovatskaja Biologija, Vol III, No 5, 1954, pp 298-307.

NIH Tr No 126A

Scientific - Biology

30,833

Amino-Acids and Peptides. XV. Preparative
Isolation of Some Amino Acids from Gelatin
Hydrolysates, by Vaclav Goleyshevski,
Praktick Shorn, 11 p.

CZECH, par, Sbornik Chemskeg Khim-Robot, 1955,
Vol XI, No 20, pp 586-592.

SLA 60-10372

Sci
Agr 60
Vol III, No 3

11, 594

The Effect of Albomycin on Oxidative Processes and Nucleic Acid Metabolism in Staphylococcus aureus and Escherichia coli, by D. Grunberger, Z. Shornova and F. Shorn, 6 pp.

RUSSIAN, bimo per, Biokhim, Vol XXII, No 1, 2, Jan-Apr 1957, pp 148-153.

Consultants Bureau

Sci - Chemistry
Apr 58

61,662

Shornigin, P. P. and Kreshkov, A. P.
OXIDATION OF HYDROXY ACIDS OBTAINED BY
OXIDATION OF PARAFFIN WAX WITH AIR. [1961]
16p. 3 refs.
Order from LC or SLA ml\$2. 40, ph\$3. 30 61-10795
Trans. of Zhurnal Obshchey Khimii (USSR) [1934] v. 4,
p. 988-994.

61-10795

1. Synthetic waxes--Oxidation
 2. Organic acids--Chemical reactions
- I. Shornigin, P. P.
 - II. Kreshkov, A. P.

Office of Technical Services

(Unannounced)

(NY-9502)

Comparative Histochemical Investigation of the
Sulfhydryl Groups in Smooth Musculature, by M. V.
Shornikova, 17 pp.

RUSSIAN, per, Tsitologiya, Vol II, No 3, 1960.

JPRS 7666

Sci

Feb 61

139,986

The Histochemistry of Histidine in the Smooth
Muscles of Invertebrate and Vertebrate Animals,
by M. V. Shornikova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX,
No 4, 1960, pp 883-.

AIBS

Sci

138,474

Feb 61

Productivity and Thermal Efficiency of Processes
of Heating and Fusing Metallic Sheets With the
Flame of an Ordinary Linear Torch, by Shorokhov.

RUSSIAN, rpt.

~~Co-op Tr Sch Tr 604~~

Sci - Min/met
Jan 58

*British Inv 57,734
and Steel Ind
604
(L9.0.0)*

<p><u>Shorokhov, N. V.</u> HYDROPHOBIZATION IN BUILDING-REPAIR WORK, tr. by C. W. Watson. 2 June 61, 6p. 3 refs. Simon- Carves Limited trans. no. 0795; [DSIR]NLL M.3387. Order from OTS or SLA \$1. 10 62-24653</p> <p>Trans. of mono. Conference on the Practical Applica- tion of Organo-Silicon Compounds [held in] Leningrad, 1958. Proc[eedings, V. 1/5] p. 92-97.</p> <p>DESCRIPTORS: *Buildings, *Maintenance, *Moisture- proofing, Organic compounds, Silicon compounds.</p> <p>(Materials, TT, v. 9, no. 8)</p>	<p>62-24653</p> <p>I. Shorokhov, N. V. II. S-C Trans-0795 III. Simon-Carves Ltd. (Gt. Brit.) IV. Title: Practical ...</p> <p>4238648</p> <p>Office of Technical Services</p>
---	--

Latest Achievements in Agricultural Plant Protection
Against Pests and Diseases at the All-Union Agricultural
Show, by S. I. Sherokhov.

RUSSIAN, Moscow, 1940, Vestn Zash Rast, 1940(5):
15-21, 421 P 942.

USDA Trans No 177

USSR

Scientific - Biology, plant protection

Economic - Agriculture, plant protection

A -10996

The Production of Electrically Conducting Plastics
Copper Coating of Polystyrene Powder, by V. I.

Shorokhova and L. L. Ilyina,

RUSSIAN, per, Investia VSE Khimiya i Khimicheskaya
Technologiya, Vol VI, No 3, 1963, pp 616-621.

Int vol 4, no 3, p 451-455

V. I. Shorokhova

Sept 66

311,855

66
Obtaining Electro-Conductive Plastic and the
Properties of Plastic Made Copper-Covered
Powder of Polystyrene, by V. I. Shorokhova
and L. I. Kuzmin,

RUSSIAN, per, Izvestiya VUE SSSR, Khimiya i
Khimicheskaya Tekhnologiya, No 6, 1963.
REL RES 2856 (On Loan or Purchase)

V. I. Shorokhova

Sci-Chem
Mar 67

321,469

18-4098

(DC-1715)

Some Philosophical Problems of the Natural Sciences,
by Ye. V. Shorokhova, 33 pp.

RUSSIAN, bk, Nekotoryye Filosofskiye Voprosy
Yestestvoznaniya, Moscow, 1957, pp 319-360.

US JPRS/DC-L-511

Sci - Medicine

67,273

Application of Computers and Logical Operation
Devices to the Automation of Production Processes
the USSR, by L. I. Shorol', 78 pp.

RUSSIAN, bk, Peredovoy Nauchno-Tekhnicheskiy i
Proizvodstvennyi Obit, Tema 42, No P-58-57/6, 1958,
pp 3-74.

OTS 60-51089
PL-480

Sci - Eng.

May 62

PST 391

198,302

Calculation of Nonuniformly Heated
Cylinders in the Elastoplastic Region,
by B. F. Shorr, 11 pp.

RUSSIAN, per: Iz Ak Nauk SSSR, Otdel Tekh
Nauk, Mekh i Mashinostroy, No 6, 1960,
pp 57-62. 9672816

FTD-TT-61-129

Sci - Engr

180,307

24 Jun 62

The Effect of Nonuniform X Heating on Stress Variation
in Creep, by B. F. Shorr, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 5,
1958, pp 809--.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 6

Sci - Phys
Jul 59

91, 810

M. I. Shor's Criticism of the Paper Entitled
"Anomalous" and "Normal" Aging of Photographic
Emulsions, by V. I. Sheberstov, 4 pp.

RUSSIAN, per, Zhur Nauch i Prik Fotograf i
Kinematograf, Vol V, No 1, 1960, pp 63, 64.

CIA/FDD XX-907
NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Faye
Nov 60

132,343

USIB INTERNAL USE ONLY

Effect of Boron on Weld Hot Cracking of
Nickel-Chrome-Tungsten Austenitic Steels,
by A. V. Russiyan, M. Shorshorov.

RUSSIAN, per, Svarochnee Proizvodstvo,
No 10, 1958, pp 14-18.

HB 4812

Sci-Materials & Metallurgy
July 63

255,783

Notch Sensitivity of Low-Alloy and Carbon Steels
in Arc Welding, by M. Kh. Shorshorov, V. D.
Kodolov, 6 pp.

RUSSIAN, per, Svaroch Proiz, No 8, 1961,
pp1-3.

BWRA

Sci
Sep 62

210,569

Productivity and Thermal Efficiency of Processes of Heating and Fusing Metallic Sheets With the Flame of an Ordinary Linear Torch, by M. Kh. Shorshorov.

RUSSIAN. 1951 (?)

CFSTI TT-65-61440
(latv) HISI 604

Sci

Jul 61

160,665

Determination of Susceptibility of Weld Metal
to Hot Cracking, by M. Kh. Shorshorov, V. S.
Sedykh.

RUSSIAN, per, Svaroch Proiz, No 8, 1959,
pp 10-14.

HB 4821

118,418

Sci - Engr

Jun 60

Study of the Weldability of Heat Resisting 12%
Chrome Steels, by M. Kh. Shorshorov, V. V. Belov,
V. N. Zemzin, I. D. Smirnova, 13 pp.

RUSSIAN, per, Svaroch Proiz, No 9, 1959, pp 6-10.

British Welding Res Assoc

Sci
Aug 60

122,076

Characteristics of Austenite Transformation in
Fusion Welding, by M. Kh. Shorshorov, B. A.
Smirnov, V. V. Belov, 11 pp.

RUSSIAN, per, Svaroch Proiz, No 11, 1959,
pp 12-14.

British Welding Res Assoc

Sci

Sep 60

126,505

The Twelfth Congress of the International
Institute of Welding, by M. Kh. Shorshorov,
4 pp.

RUSSIAN, per, Svarosh Proiz, No 12, 1959,
pp 33.

British Welding Res Assoc

Sci

Oct 60

128,612

The Effect of Certain Alloying Elements on the
Properties of Weld Joints of Titanium and Its
Alloys, by M. Kh. Shorukhorov, 8 pp.

RUSSIA, per, Svarochnoye Proiz, No 3, 1958,
pp 30-33. 3026099

Sci

May 61

150,746

Productivity and Thermal Efficiency of Processes of Heating and Fusing Metallic Sheets With the Flame of an Ordinary Linear Torch, by M. Kh. Shorshorov.

RUSSIAN.

NLL M.3397
BISI 604

Sci -

Jul 61

The Heterogeneous Structure of Austenite in the
Fusion Welding of Pearlitic Steel, by I. Kh.
Shorshorov, B. A. Smirnov, 8 pp.

RUSSIAN, per, Svaroch Proiz, No 6, 1961,
pp 1-4.

EJRA

Sci
Aug 62

206,533

Modified Halide Fluxes Used in the Welding of Nickel
Alloys, by M Yu. V. Solokolov, M. Kh. Shorshorov, 8 pp.

RUSSIAN, per, Svaroch Proiz, No 3, 1961, pp 1-4.

BWRA

Sci

Feb 62

184.234

(NY-3904/1).

New Austenitic Electrodes for Welding
ЛКН13Н18V2Б Type Steels, by A. V. Russiyan,
M. Kh. Shorshorov, 13 pp.

RUSSIAN, per, Svarochnoye Proizvodstvo, No 6,
1959, pp 9-13.

Sci - Min/Mat

JPRS-1947-N

Oct 59

99,439

Temperature Distribution in the Welding Flame
and Its Effect on Cracking in Thin Chromansil,
by N. N. Rykalin, M. Kh. Shorshorov.

RUSSIAN, per, Avto Delo, Vol XXIII, No 2, 1952.

B.S.A. Res Group
OT/1322

Sci - Engineering, ~~Weapons/Mech~~

30,030

Welding of Titanium and Its Alloys, by
M. Kh. Shorshorov, G. V. Nazarov, 179 pp.

RUSSIAN, bk, Svarka Titana i Ego Splavov,
1959, 135 pp. 9671211

FTD MCL-925/1

Sci - Min/Metal

171, 843

25 Oct 61

The Wedge Welding Specimen for Gauging the Effects
of the Cooling Rate on Polygonization in Welds of
Single-phase Structure, by Yu. L. Krasulin and
M. K. Shorshakov, 5 pp.

RUSSIAN. per, Avtomat Svarka, No 73,
Nov 1963, 1-7.
Jul

British Welding Res Assoc.

Sci

May 64

259,223

115
Welding of Titanium and Its Alloys. Chapter V.
Automatic Welding Under a Flux, by N. K. Shorshorov,
G. V. Bazanov, 8 pp.

IZVESHANIE, 1959, Svarka Titana i Ego Spilavov, Moscow,
1959.

AEC ORNL-47-518

292,677

Sci-Materials & Metallurgy *N. K. Shorshorov*

No
v 05

(NY-3210).

Conference on the Theory and Practice of the Use
of Transistors, by A. A. Shorstoboyev, 4 pp.

RUSSIAN, per, Iz Vysshikh Uchebnykh Zaved - Radiotekh,
No 4, Kiev, Jul 1959, pp 501, 502.

JPRS-2143-N

USSR
Sci - Engr
Feb 60

107126

Short, James Newton,

COPOLYMER OF UNORDERED DISTRIBUTION WITH
LOW CONTENTS OF VINYL GROUPS AND TRANS
GROUPS. Aug 62, 4200 words.
Order from CTS(Chem) \$16.80 CTS(Chem)-289
subsequent copies \$2.80/ea.

Trans. of French patent 1 278 818, internatl. cl.
B 01 j -C 08 d, appl. no. 846 674, by Phillips Petroleum
Co. (U. S. A.) appl. filed 12 Dec 60, granted by decree
of 6 Nov 61 (par. appl. filed U. S. A. 31 Dec 59 under
no. 863 076, in the name of applicant). (Bulletin
Officiel de la Propriété Industrielle (France) 1961,
no. 50).

DESCRIPTORS: *Elastomers, *Butadienes, *Vinyl
radicals, Catalysts, *Metalorganic compounds,
Lithium, Hydrocarbons, Isoprene

(Chemistry--Organic, TT, v. 8, no. 7)

62-22384

- I. Short, J. N.
- II. Patent (France) 1 278 818
- III. Patent application (U. S.)
863 076/59
- IV. CTS(Chem)-289
- V. Chemical Translating
Service, Palo Alto,
Calif.

Office of Technical Services

On Biocenoses, by A. A. Shorygin.

RUSSIAN, per, Moskov Obshch Ispytatel Prirody,
Otdel Biolog Bull. Vol LX, No 6, 1955,
pp 86-98.

OSIRO

Sci - Biol

Mar 62

188,010

On the Theory of the Intensities of Raman Lines. V.
The Classical Model (Transformation of Light by a
Linear Oscillator with Periodically Varying Parameters,
by L.L. Krushinskii and I. I. Shorygin, 6 pp.

RUSSIAN, per, Optika i Spektro, Vol XVI, No 1,
1964, pp 30-39.

Optical Soc of Amer

Sci

May 64

258,392

Shorygina, N. N. and Izumrudova, T. V.
CONTEMPORARY CONCEPTS ABOUT THE
STRUCTURE, THE PROPERTIES AND THE
MANNERS OF APPLICATION OF LIGNINS
(Sovremennye Predstavleniya o Stroenii, Svoistvakh i
Putyakh Ispol'zovaniya Ligninov). [1961] [36]p.
(foreign text included) 71 refs.
Order from OTS or SLA \$3.60 62-10448

Trans. of Khim[icheskaya] Nauka i Prom[yshlennost']
(USSR) 1959, v. 4, p. 747-756.

DESCRIPTORS: *Lignin, Chemical analysis, *Wood
pulp, Processing, Wood.

(Materials--Wood, TT, v. 8, no. 3)

62-10448

I. Shorygina, N. N.
II. Izumrudova, T. V.

211985

Office of Technical Services

Sci/Chem

C

The Cleavage of Simple Ether Bonds by Metallic Sodium in
Liquid Ammonia, by N. N. Shorygin, A. F. Semechkina,
6 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XIX, No 6, Jun 1949.

CIA/FDD/X-431

Nov cts

A-10662

Some Aspects of the Classical Theory of Resonance
Transformation of Light by Molecules, by
L. L. Krushinskiy, P. P. Shorygin, 6 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXVII,
No 4, 1963, pp496-500.

CIT

Sci

Apr 64

256,036

<p>Shorygin, P. P. and Shorygina, N. V. POLYMERIZATION ABILITY OF SUBSTITUTED STYRENES DEPENDING UPON THEIR STRUCTURE [Izucheniye Sposobnosti k Polimerizatsii Zameshchennykh Stirolov v Zavisimosti ot Ikh Stroeniya]. [1961] 9p. 12 refs. Order from OTS or SLA \$1. 10</p>	<p>61-20103 I. Shorygin, P. P. II. Shorygina, N. V.</p>
<p>Trans. of Zhurnal Obshchei Khimii (USSR) 1935, v. 5 [no. 4] p. 555-561. Another trans. is available from SLA as RT-1012.</p>	<p>61-20103</p>
<p>DESCRIPTORS: Styrenes, Polymerization, Substitution reactions, Polymers.</p>	<p>61-20103</p>
<p>(Unannounced)</p>	<p>Office of Technical Services</p>

<p>Shorygin, P. P. QUANTITATIVE MOLECULAR SPECTRAL ANALYSIS. [1961] 7p. 6 refs. Order from OTS or SLA \$1. 10</p> <p>Condensed trans. of Zhurnal Fizicheskoi Khimii (USSR) 1941, v. 15, no. 10, p. 1072-1081.</p> <p>DESCRIPTORS: *Quantitative analysis, *Raman spectroscopy, Theory, Toluenes, Methyl radicals, Cyclohexanes, Hydrocarbons.</p> <p>The range of applicability of quantitative analysis by the Raman spectra method and factors affecting the width and intensity of Raman lines are discussed. Data are given on the distribution of intensities in the spectra of toluene and methylcyclohexane and examples cited of analysis of complex mixtures of hydrocarbons. The available data point to a method of quantitative analysis of individual hydrocarbons in light motor fuels. (Author) (Chemistry--Analytical, TT, v. 6, no. 7)</p>	<p>61-16694</p> <p>I. Shorygin, P. P.</p> <p>Office of Technical Services</p>
---	---

A Consideration of the Vibration Structure of the
Electron Excitation Levels of Molecules in the Quantum
Theory of Light Scattering, by L. L. Krushinskiy, P. P.
Shorygin, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 3, 1961,
pp 577-580.

Internl Physical Index
Physics Express
Vol III, No 9

Sci - Phys

158, 791

Jul 61

Spectroscopic Investigations of α -N-Vinylactams
and Anilides, by P. P. Shorygin, T. N. Shkurina, M. F.
Shostakovskiy, F. P. Sidel'kovskaya, M. G. Zelenskaya,
5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk ,
No 12, 1959, pp 2208-2212.

CB

Sci
Oct 60

130,338

Effect of Substituents on the Properties of
Molecules Containing Conjugated γ Bonds, by
P. P. Shorygin, V. P. Hoshchupkin, V. A.
Petukhov, 5 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXV, No 2,
1961, pp 258-268.

BWRA

Sci

Jan. 62

181,597

Mutual Influence of Substituents in ρ -Disubstituted
Benzene Derivatives, by P. P. Shorygin, 4 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXIII, No 7,
1959, pp 1477-1483.

Cleaver-Hume Press LTD

Sci

Available Br 5 Library

May 60

116,821

On the Theory of the Raman Spectra of Light,
by P. P. Shorygin, L. L. Krushinskiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 2, 1960, pp 337-.

AIP
Sov Phys- Doklady
Vol V, No 4

Sci

Mar 61

141,698