

Converted Waves on Models of the Earth's Crust and  
Mantle, by O. G. Shamina, 5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz, No 5,  
1962, pp 610-619.

Amer Geophys Union

Sci

214,516

Sep 62

Modeling of Longitudinal waves in the Earth's upper  
Mantle, by Yu. V. Riznichenko, O. G. Shamina, 15 pp

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz, No 2,  
1963, pp. 223-247.

AGU

SCI

*341, 243*

Jun 63

The Dependence of the Damping of Impulses in Layers  
of Finite Thickness on the Frequency Spectra, by  
O. G. Shamina, *ibid* 3 pp.

RUSSIAN, *per*, Iz Ak Nauk SSSR, Ser Geofiz, No 1,  
1960, pp 151-154.

Amer Geophys Union

Sci  
Oct 60

130,246

Absorption of Longitudinal and Transverse Waves  
in Specimens of Various Forms, by O. G. Shamina,  
4 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz, No 11,  
1959, pp 1619-1624.

AGU

Sci

126,319

Sep 60

The Propagation of Elastic Pulses in Free  
Boundary Layers of Finite Thickness, by O. G.  
Shamins, O. I. Silayeva, 7 pp.

RUSSIAN, par, Iz Ak Nauk SSSR, Ser Geofiz, No 3,  
1958, pp 302-316.

Amer Geophys Union

Sci - Geophys

Sep 59

99,360

The Distribution of Elastic Pulses in Cylindrical Specimens, by O. I. Silayeva, O. G. Shamina, 8 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geol, No 1, 1958, pp 32-45.

Amer Geophys Union

Sci - Geophys  
Jul 59

91,723

An Investigation of the Dynamic Features of  
Longitudinal Waves in Layers of Different Thickness,  
by O. G. Shamina, 7 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz, No 8,  
1960, pp 1155-1148.

AGU

Sci  
Apr 61

*144, 823*

Elastic Waves in a Laminated Solid Medium, as  
Investigated on Two-Dimensional Models, by Yu. V.  
Riznichenko, O. G. Shamina, 9 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz, No 7,  
1957, pp 855-873.

Pergamon Inst

Sci - Geophys  
Dec 58

78,136



(NI-6534)

Radiosensitivity of Strains and Species of Actinomyces in Connection With the Peculiarities of the Structure of Their Nuclear Elements, by A. A. Trokof'yeva-Bel'govskaya, O. N. Kapitonova, Z. B. Shamina, 26 pp.

RUSSIAN, per, Radiobiologiya, Vol I, No 1, 1961, pp 112-118.

JPRS 10170

Sci - Med

173.724

Microscopic Structure of Actinomycete Colonies,  
Actinomyces Griseus, by A. A. Prokof'yev-Bel'govakaya,  
XXX Z. N. Shanina, 4 pp.

RUSSIAN, par, Mikrobiologiya, Vol XXX, No 5,  
1961, pp 863-866.

AISS

Sci

204,209

Jul 62

Microscopic Structure of Colonies of Actinomyces  
Viscosus, by E. B. Shaw, 5 pp.

RUSSIAN, per, Mikrobiologiya, Vol 1962, No 2,  
1962, 271-274.

AIBS

Sci-Biol & Med Div  
Nov 63

243, 261

Microscopic Structure of Colonies of Actinomyces  
Streptomycini and Actinomyces Longisporus Var. ~~INEX~~  
Baber, by A. A. Prokof'eva-Bal'govskaya, Z. B. Shamina,  
6 pp.

RUSSIAN, near, Mikrobiologiya, Vol XXXI, No 5, 1962,  
pp 857-862.

CB

243, 234

Sci -  
Nov 63

Study of Colony Structure in Actinomyces Streptomy-  
coidi Kras., by A.A. Prokofyeva-Bel'gevskaia,  
Z.B. Shamina, 8 pp.

RUSSIAN, per, Mikrobiologiya, Vol XXIX, No 1,  
1960, pp 56-61.

AIES

Sci  
Dec 60

134,745

BLOCKING OF CARRIER NEWS MAR, BY YONI SHAMIR, 8 PP

HEBREW, NP, LAMERDAY, 18 SEP 1963, P 13

JPRS 01016

ME-ISRAEL  
POL  
OCT 63

345,036

Travel in Communist China, by Axel Springer, 8 pp.

HEBREW, sp, Lanchow, 11 Nov 1943, pp 4, 8.

JPRS 22598

FE-China  
Econ  
Jan 64

346, 678

(DC-1655)

Israeli Citizens Polled on Vital Security and  
Political Issues, by ~~Ami Shamir~~ Ami Shamir, 8 pp.  
UNCLASSIFIED

HEBREW, d np, Lamerhav, Vol IV, No 944, Tel Aviv,  
2 Jan 1958, p 2.

US JPRS/DC-L-196

NS/A - Israel  
Pol  
May 58

62, 504



J-2500 DC-1655

Israeli Citizens Polled on Vital Security and Political  
Issues, by 'Ami Shamir.

HEBREW, d np, Vol IV, No 944,

10/3/58

(NY-6503)

Pollution of the Atmospheric Air of the City of  
Tashkent and Ways for Its Reduction, by Sh. Yu.  
Shamirzayev, D. Kh. Nurullayev, 14 pp.

RUSSIAN, per, Medit Zhur Uzbek, No 9, 1960,  
pp 20-25.

2

JPRS 9863

164,397<sup>6</sup>

Sci - Med  
Aug 61

(NY-6561/1)

Achievements in Technological and Agricultural  
Microbiology, by D. L. Shamis, 15 pp.

RUSSIAN, per, Nauk Sovet Kazakhstana 1920-1960,  
pp 490-504.

JPRS 9910

Sci - Biology

165, 360

Aug 61

Mechanical Scarfing of Semi-Finished Products for the  
Manufacture of Seamless Tubes, by E. Ritter,  
H. G. Schmitt.

GERMAN, per, Stahl und Eisen, Vol LXXXI,  
14 Sep 1961, pp 1274-1283.

BISI 2463

Sci - Engr

182,646

Feb 62

list 117

The Oil of Kuwait, Present and Future, by Samir  
Shamma, 90 pp.

ARABIC, monograph, Middle East Research and  
Publishing Center, Beirut, 1959.

Dept of Interior  
HD9576, K9S5

*118,653*

UAR  
Econ  
Jun 60

HD9576

K9S5 Shamma, Samir, 1912-

The oil of Kuwait, present and future.  
Translated from the Arabic original. Beirut,  
Middle East Research and Pub. Center, 1959.  
viii, 90 p. tables. 22 cm. (Middle East Oil  
monographs, no. 1)  
Bibliography: p. [87]-90.

1. Petroleum industry and trade - Kuwait.  
(Series)

*THIS CARD (only) will not be included  
in ACCESSION LIST as  
it will appear in  
PETROLEUM BIBLIOGRAPHY*

Paramagnetic Resonance in Synthetic Ruby, by M. M. Zaripov, Yu. Ya. Shamolin, 4 pp.

RUSSIAN, no per, Zhur Eksp<sup>r</sup> i Teoret Fiz, Vol XXX, No 2, Jan 1956, pp 291-295.

Feb

Amer Inst of Physics  
Vol III, No 2  
Soviet Physics, JETP

Sci - Physics  
Apr 57 CTS

46, 485

The Oceanographic Expedition to the Greenland  
Sea on the Diesel-Electric Ship Lena in 1958,  
by V. A. Shantsev, 3 pp.

RUSSIAN, per, Problemy Arktiki, No 6, 1959,  
pp 124-127. 2658724 9

Amer Meteorol Soc  
AF Cambridge Res Center

T-80-15

USSR

Geographic

May 60

115,835



The Use of Aviation in Oceanographic Research in  
the Arctic, by A. P. Laktienov, Shamont'yev.  
UNCLASSIFIED V.R.

RUSSIAN, per, Problemy Arktiki, Vol II, Leningrad,  
1957, pp 19-21.

3

Navy 2136/RO-49

Sci - Geophysics  
May 59

86,750

(NY-3136).

Use of Airplanes for Oceanographic Research in the Arctic, by A. F. Laktionov, V. A. Shamot'yev, 10 pp.

RUSSIAN, par, Byul Okeanograficheskoy Komissii, No 2, 1958, pp 65-74.

JPRS-2129-X

Sci - Geophys, Oceanography  
Feb 60

107,726

On the State of Martensite Crystals in Quenched  
Low-Carbon Steels, by Kuryumov, Parko, and Shonov.

RUSSIAN, Zhurnal tekhnicheskoy fiziki, Vol. 23, No. 5,  
1953, p. 955

REF 224

10,470

Sci - Physics  
475/00A

Induction Heating in Forging, by V. M. Bogdanov,  
S. Ye. Ryakin, A/ N. Shanov, 243 pp, (AF 1049659).

UNCLASSIFIED

RUSSIAN, bk, Induktatsionnyy Nagrev v Kuznechnom  
Proizvodstve, 1956, 193 pp.

ATIC F-TS-9142/V

Sci - Min/ Mat  
Sep 58

58,228

(FDD 21897)

RT-2839

Surface Hardening of Caterpillar Link Pins With  
High Frequency Currents, by A. N. Shamov, S. Ye.  
Ryakin, 11 pp.

RUSSIAN, no per, Avto i Trakt Prom, No 1,  
Moscow, Jan 1954, pp 22-24.

CIA/FDD/U-6560

USSR

Economic - Tech., tractor Oct 54 CTS

19, 244

Conditions of Formation of Oil Fields of the Cis-Ural  
Depression, by D. F. Shamov, 6 pp.

RUSSIAN, per, Geol. Nefti i Gaza, Vol III, No 8-B,  
1959, pp 30-35.

RRG

Sci

Jun 61

158,211

Firing From Tanks in Concealed Positions by  
N. Shashkov, 8 pp.

RUSSIAN, par, Voyenny Vestnik, No 7, 1962.

ACSI I-0424-0  
ID 2191530

Set

Nov 62

(BY-5468)

The Problem of Malignant Degeneration of Benign  
Tumors, by V. N. SHAROV, S. A. Kalashnikov,  
11 pp.

RUSSIAN, per, Khirurgiya, Vol XXXVI, No 10,  
1950, pp 32-39.

JPRS 7645

Sci - Med

Feb 61

139,100



Complications of Antibiotic Therapy, by  
V. N. Shamov, V. I. Samokhvalov

RUSSIAN, no per, Voenno Med Zhur, No 1,  
Moscow, Jan 1959, pp 36-44

US JPRS 1555-N

*Sci - Med*

*May 59*

*87,329*

Asymmetry of Fragment Ranges in the Fission of Heavy Nuclei by Ultrafast Particles, by V. P. Shamov, O. V. Lozhkin, 5 pp.

RUSSIAN, himo per, Zhur Eksper i Teoret Fiz, Vol XXIX, Feb 1955, pp 286-291. CIA C 41569  
Sep

AERE Harwell Sib 7.653  
American Inst of Physics

Scientific - Physics  
May 56 CTS/AMR dex

33,568  
Sci Mus Sib 56/1532

The Angular Distribution of Fragments from Fission  
of Uranium at High Excitation Energies, by O. V. Lozhkin,  
V. A. Perfilov, V. P. Shamov, 3 pp.

RUSSIAN, bino per, Zhur Eksper i Teoret Fiz, Vol XXIX,  
1955, pp 292-295. CIA C 41569  
Sep

*A.R.R.F. Lib 654*  
American Inst of Physics

Scientific - Physics  
May 56. CTS/dex

*33,569*  
*See memo file 56/1357*

Ternary Fission of Uranium by Fast Particles, by  
N. A. Perfilov, V. P. Shamov, O. V. Lozhkin, 3 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXIII,  
No 1, 1957, pp 75-77.

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

Sci - Physics  
Feb 1958

58, 152

Scintillation Technology of Counting Natural  
Radiocarbon and Its Application in Determining  
Absolute Age, by I. E. Starik, V. P. Shamov,  
Kh. A. Arslanov, A. P. Zharlov, G. M. Murashov,  
18 pp.

RUSSIAN, per, Radiokhimiya, Vol III, 1961,  
pp 101-113.

AEC Tr-4623

165,401

Sci  
Aug 61

Erosion of Silver by High-Energy Protons,  
by V. P. Shamov, 5 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz,  
Vol XXIV, No 2(8), 1958, pp 316-321.

Amer Inst of Phys  
Sov Phys - JETP  
Vol VIII(35), No 2

Sci - Phys

Apr 59

84,137

Fragmentation and Fission in Nuclear Interactions with High Energy Particles, by N. A. Perfilov, G. V. Loshkin, V. P. Shamov, 40 pp.

RUSSIAN, per, Uspekhi Fiz Nauk, Vol LXX, No 1, 1960, pp 3-55.

AIP  
Sov Phys-Uspekhi  
Vol III, No 1

Sci  
Nov 60

132, 482

The Probability of Uranium Nuclear Fission by  
Its Absorption of Slow  $\pi^-$  Mesons, by O. V.  
Lozhkin, V. P. Shamov, 2 pp.

RUSSIAN, bimo per, Zhur Eksper i Teoret Fiz,  
Vol XXVIII, June 1955, pp 739-740. CIA C 40837

A.F.I.E  
634

American Inst of Physics  
57 East 55 St.  
New York 22, N. Y.

Sci. Mag. 5/5/56/0865  
31,399

Scientific - Physics



The Fission of Uranium and Protactinium at High  
Excitation Energies, by V. P. Shamov, 5 pp.

RUSSIAN, no per, Zhur Eksper i Teoret Fiz, Vol XXXIII,  
No 2 (8), 1957, pp 346-353.

Amer Inst of Phys  
Sov Phys-JETP  
Vol VI (33), No 2

Sci - Phys

May 58

64,234

Nuclear Fission Reactions With Neutrons and Fast Protons, by N. A. Perfilov, N. S. Ivanova, O. M. Lozhkin, V. I. Ostroumov, V. P. Shenov, 17 pp.

Full translation.

RUSSIAN, bk, Conference on Peaceful Uses of Atomic Energy Academy of Sciences USSR, 1-5 Jul 1955, Session of the Div of Chemical Science, pp 79-96.

CIA/PDD/X-1976

AEC 2336 32,333

Scientific - Chemistry

Mechanism for the Fission of Heavy Nuclei  
at High Excitation Energies, by V. P.  
Shamov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CIII, No 4,  
1955, pp 593-595.

*RT-4111*  
AEC Tr 2308  
*Sci Mus Sub 56/1599* *29,188*  
Consultants Bureau  
(Collection No 4 of Soviet  
Research on High Energy Fission

HERE Harwell Sub 3, 647  
Sci - Nuclear Physics  
Physics

Fission of Uranium Nuclei by Protons With an  
Energy of 460 MEV, by N. S. Ivanov, N. A. Perilov,  
V. P. Shamov,

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CII,  
1955, pp 573-576.

AERE Harwell Lib 2646  
AEC Tr 2307 29, 1953

Consultants Bureau  
(Collection No 4 of Soviet  
Research in High Energy Fission)

Sci - Nuclear Physics

Sci Mus Lib 56/1785

The Yield of Fission and Star Formation Processes  
in the Capture of  $\gamma$ -mesons by Nuclei of U, Bi and W<sup>1</sup>,  
by N. A. Perfilov, O. V. Lozhkin, V. P. Shamov,  
7 pp.

RUSSIAN, also per, Zhur Eksper i Teoret Fiz,  
Vol XXVIII, 1955, pp 655-663. CIA C 40837

American Inst of Physics  
57 East 55 St.  
New York, 22, N. Y.

Scientific - Physics

31,428

Asymmetry of Ranges of Fragments in the Fission  
of Heavy Nuclei by Very Fast Particles, by  
V. P. Shamov, O. V. Loshkin, 2 pp.

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, Vol  
CIII, No 2, 1955, pp 233.

K A.E.R.E. Harwell Tr 660

*Sci Mus Sub 56/0873*

Sci - Physics, bismuth, tungsten, uranium,  
nuclear fission

*36,385*

Jul 1956

On the Yield of Fission and Star Formation After  
Capture of  $\pi$  Mesons by the Nuclei U, Bi, and W,  
by N. A. Perfilov, O. V. Lozhkin, and V. P. Shamov,  
7 pp.

RUSSIAN, mo per, Dok Ak Nauk SSSR, Vol CIII,  
1955, pp 417-419.

AEC Tr 2304

Sci - Nuclear Physics

29, 194

The Problem of the Angular Distribution of  
Fission Fragments of Uranium at High Energy  
Excitations, by O. V. Lozhkin, N. A. Perfilov,  
V. P. Shamov, 3 pp.

RUSSIAN, no per, Dok Ak Nauk SSSR, CIII, 1955,  
p 407.

AEC Tr 2296

Sci - Physics

29.207



The Fission of Uranium Nuclei by Protons of  
Energy 160 MeV, by N. S. Ivanova, N. A. Perfilov,  
V. P. Shamov, 5 pp.

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, Vol CIII,  
No 4, 1955, pp 573-575.

Sci Tr Center  
BT-4008

39,125

Sci - Physics  
Sep 56 CTR/dex

Asymmetry of the Ranges of Fragments in the  
Fission of Heavy Nuclei by Very Fast Particles,  
by V. P. Shumov, O. V. Lezhkin, 9 pp.

RUSSIAN, mime per, Zhur Eksper i Teoret Fis,  
Vol XXIX, No 3 (9), 1955, pp 286-291, ~~English~~

A.E.R.E. Kth Harwell Tr 653

Sci - Nuclear Physics  
Sep 56 CTS

39, 301

Structure of Alkali Halide Phosphors and the  
Mechanism of Luminescence Processes, by L. M.  
Shamovskii, A. A. Dumina and Yu. N. Zhvanko, 4 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXI,  
No 5, 1957, pp 675-677.

Columbia Tech

Sci - Phys

Aug 58

71,799

Intercrystalline Films in Single Crystals  
of Alkali Halide Salts and Some of Their  
Properties, by Shamovsky, Rodionova

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XCII,  
No 5, 1953, p 939. *CIA 9002104*

*CIA: 9007352*

MSP Tr 221

Scientific - Chemistry  
CTS/DEX

*10,089*

The First Siberian Conference on Welding, by B. Kh. Shamovskiy, 3 pp.

RUSSIAN, per, Svaroch Proiz, No 9, 1959, p 45.

British Welding Res Assoc

Sci  
Aug 60

*122,090*

Ionic Conductivity of KI(Tl) Phosphors, by L. M. Shamovskiy, A. A. Dunina, M. I. Gosteva, 3 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXI, No 4, Nov-Dec 1956, pp 811-

Amer Inst of Phys  
Sov Phys "Doklady"  
Vol I, No 6

Sci - Physics  
Oct 57

53, 396

Hole Conductivity in Silver Bromide, by L. M. Shamov-  
skiy, A. A. Dunina, M. I. Gosteva, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol CVI,  
No 5, pp 830-

Amer Inst of Phys  
Sov Phys "Doklady"  
Vol I, No 1

Sci - Phys

57,629

Aug 57

Investigation of Luminescence Processes in Alkali  
Halide Phosphors, by L. M. Shamovskiy,  
P. A. Pipinis, 7 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXV,  
No 1, 1961, ~~XXXXXX~~ 31-37.

CTT

Sci

11 Jun 62

198,774



Surface-Activated Phosphors, by L. M. Shamovskiy  
and Yu. N. Zhvanko, 4 pp.

14

RUSSIAN, no per, 12 ~~12~~ Ser Fiz, Vol XXI,  
No 4, 1957, pp 557-569.

Columbia Tech

Sci - Phys

Jul 58

67,452

Technique of Growing Alkali Halide Phosphors  
for Scintillation Counters, by L. M.  
Shamovskiy, L. M. Rodyonova, A. S. Glushkova,  
9 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXII,  
No 1, 1958, pp 3-11.

Columbia Tech

Sci - Phys

Mar 59

82,574

The Conductivity of Silver Bromide in the Presence  
of Bromine, by L. M. Shamovskiy, A. A. Dunina,  
M. I. Gosteva, 8 pp.

RUSSIAN, no per, Zhur Eksper i Teoret Fiz, Vol XXX,  
No 4, 1956, pp 540-548.

Amer Inst of Physics  
Soviet Physics, JETP  
Vol III, No 4,

Sci - Physics  
Apr 57 CTS

46.755

The Nature of Photochemical and Additive  
Coloring of Fluorite, by L. M. Shanovskiy,  
12 pp.

RUSSIAN, Zhur. Fiz. Khim, Vol XV, No 7-9,  
1941, pp 934-941.

Sci Tr Center  
RT-1443

Scientific - Chemistry

18,878

Structure of Alkali-Halide Phosphors  
and Mechanism of Luminescence Process,  
by L. M. Shamovskiy, et al, 6 pp.

RUSSIAN, per, Optika i Spektroskopiya,  
Vol II, 1957, pp 599-605.

CSIRO

Sci - Chem  
Nov 61

174,409

Formation of V-Centers in Alkali Halide Crystals  
During Their Additive Coloration in Halogen  
Vapors, by L. M. Shamovsky

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XCI,  
No 2, 1953, p 229.

NSF Tr 98

Scientific - Chemistry  
CPS/DEX

7118

Refining Metallic Lithium, by T. F. Fedarov,  
P. I. Shampay, 10 pp.

RUSSIAN, par, Iz Ak: Nauk SSSR, OTB, Metal i  
Toplivo, No 6, 1960, pp 56-60. 9670744

FTD MCL-953/1

Sci - Min/Metal

165,896

1 Sept 61

Phase Equilibrium in the System W-Nb-Si and  
Certain Properties of Alloys, by H. V. Dokuzkina,  
N. I. Shamrai, 8 pp.

RUSSIAN, per, Poroshkovaya Metallurgiya, No 6,  
(12), 1962, pp 32-41.

CB

Sci  
May 64

259, 268



The Functional Interaction of Vitamins C, P, and B<sub>1</sub>,  
by E. F. Shamray, T. V. Fetisova, 4 pp.

RUSSIAN, per, Byul Eksper Biol i Med, Vol XLIX,  
No 1, Jan 1960, pp 70-74.

CB

Sci  
Aug 60

*126,165*

(DC-5411)

Effect of Galascorbine and Thiamine on the  
Recovery of Injured Muscles, by T. V. Fetisova,  
E. F. Shamray, 8 pp.

UKRAINIAN, per, Ukrayins'kyy Biokhimi,  
Vol XXXI, No 4, Sept-Oct 1959, pp 562-568.

JPRS 8054

Sci - Med

Apr 61

147,231

10 620

UK-30

F. I. SHAMRAI, et al

Preparation of amorphous boron of high purity

Zhur. Neorg. Khim., 2, No. 6, 1242-1247 (1957)

On loan: UK-30/ CTS 481 - English

E u r a t o m

The Ternary System: Aluminum-Magnesium-Lithium  
Report II. Phase Diagrams of Auxiliary Cross  
Sections, by F. I. Sharyay, 14 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim  
Nauk, No 1, 1948, pp 83-94. 9685467

DC RBIC-32

Sci - Chem  
Aug 63

343,311

Physico-Chemical Principles of Vacuum-  
Thermic Treatment of Lithium, by  
T. F. Fedorov, F. I. Shamray, 17 pp.

RUSSIAN, bk, Primeneniye Vakuuma v Metal-  
lurgii, 1960, pp 137-142. 9668471

FED MSL-952/1

Sci - Chem

171,838

24 Oct 61

Equilibrium Diagram for the System Aluminium-Lithium, by F. I. Shamrai, P. Ya. Sal'dau.

RUSSIAN, per, Iz Ak Nauk Otdel Mate<sup>mat</sup> i Est<sup>est</sup> Nauk, 1937, pp 631-640.

Fulmer Research Inst, Ltd.

Tr 65 OT/1721

Sci Mus Lib-56/0587

Sci - Minerals/Metals, Physics

Jun 1956

36, 312  
#SLIB-6535

Ternary System Al-Mg-Li. III. Description  
of the Ternary System Aluminum-Magnesium-  
Lithium. Projection of the Liquidus Surface,  
Isotherms at 400° and 20°, and the Process  
of Crystallization, by F. I. Shamrai,  
14 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim  
Nauk, No 3, 1948, pp 290-301.

ACSI I-0452  
ID 2180113

Sci - Chem  
14 Feb 62

*Dept of Science*  
*IN 7 157 No 30 182,680*

Preparation of Amorphous Boron of High Purity.  
Part 3. Purification of Amorphous Boron, by F. I.  
Shankrai, et al. UNCLASSIFIED

RUSSIAN, per, Zhur Georgan Khin, Vol II, No 6,  
1957, pp 1242-1247.

Co-Op Tr Scheme 481  
(12.8s.)

Sci - Chem  
Doc 58

77,650



Ternary System Al-Mg-Li. I. Method of Work  
With Li. The Binary Systems, by P. I.  
Shamrai.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim  
Nauk, No 6, 1947, pp 605-616.

ACBY I-0453  
ID 2180114

Sci - Chem     Dept of Int     189,737  
4 Apr 62     TNT ESM no. 572

Alloys in the Titanium-Chromium-Boron System, by  
N. V. Cherkashina, N. A. Nedumov, F. I. Shamray,  
3pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol V, No '9,  
1960, pp 2025-2031.

Cleaver-Hume Press

Sci  
Aug 61

165,231

PHYSICO-CHEMICAL INVESTIGATIONS OF THE SiC-B4C  
SECTION OF THE Si-B-C SYSTEM, BY A. A.  
KALININA, F. I. SHARAY, 18 PP.

RUSSIAN, PER, TRUDY INSTITUTA GOKGOSGKHOOGGK METALLURGI  
LURGI I IHEH A. A. BAYKOVA, METALLUR-  
GIYA, METALLOVEDENIYE, FIZIKO-KHIMICHESKIYE  
METODY ISSLEDOVANIYA, NO 5, 1960, PP 151-155.

JPRS 16109

DIC - CHIM  
DEC 62

217,164

(SF-1029).

Physicochemical Investigation of the SiC-B<sub>4</sub>C Section  
of the Si-B-C System, by A. A. Kalinina, F. I.  
Shamray, 9 pp.

*Trudy*  
RUSSIAN, per, ~~Inst~~ Inst Metall imeni A. A. Baykova, ~~№~~  
No 5, 1960, pp 151-155.

JPRS 4045

Sci - Chem  
Sep 60

125,945

Monolithic Beds of Phosphorite Ore at the  
Periphery of the Southeast of the Donbass  
(Kesvetaev Deposits), by I. A. Shamray,  
S. Ya. Orekhov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol EXX  
CXIV, No 1, May-Jun 1957, p 176.

Consultants Bureau

Sci - Geophysics  
Aug 58

69, 347

palaeogene coccolithophorids and Their  
Stratigraphic Significance, by Y. A. Shamray,  
E. P. Lazareva, 5 p.

RUSSIAN, per, Dok Ak Nauk SSSR, 1956, Vol CVIII,  
No 4, pp 711-714.

ATS-16L35R

Sci  
Apr 60  
Vol III, No 2

111,687

Glauconite from the Cretaceous Deposits Along  
the Belaya River in the Northern Caucasus, by  
I. A. Shamray, V. I. Radushev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 4,  
1959, pp 900-902.

AGI

Sci

Jun 61

153,374

(DC-5410)

Determination of Ascorbic Acid in Plant Juices  
by the Chromatographic Method, by Ye. F. Shamray,  
Ye. A. Gavrilova, V. V. Kravchenko, 13 pp.

RUSSIAN, per, Biokhimiya, Vol XVI, No 6, Nov-  
Dec 1951, pp 604-610.

JPRS 8023

Sci - Chem

Apr 61

146,668



Technical Maintenance Station is in Operation,  
by N. Kulbitskiy, V. Shamray, 3 pp.  
RUSSIAN, per, Sel'skiy Mekh, No 9, 1963,  
pp 12, 13.  
JPRS 24820

3

USSR  
Econ  
Jun 64

261,977

(DC-5409)

Effect of the Preparation "Galascorbine" on  
Animal Tissue Regeneration, by Ye. F. Shamray,  
T. V. Fetisova, 19 pp.

RUSSIAN, book, Vitaminy. Sb 4: Voprosy biokhimi  
i fiziologii vitaminov, Vol 4, 1959, pp 56-70.

JPRS 6999

Sci - Med

Apr 61

146,659

(NY-6038/1)

Biological Activity of the Artificial Protein  
Complexes of Vitamins A and E, by Ye. F.  
Shamray, K. N. Veremeyenko, Yu. V. Khmelevskiy,  
9 pp.

RUSSIAN, per, Vitaminy. III. Khimiya Vitaminov.  
Fiziologiya i Biokhimiya Vitaminov, 1958, pp 159-  
165.

JFRS 7986

Sci - Med

Apr 61

146,665