

A Current Regulator for Electrical Skin Stimulation,
by G. V. Skipin, A. S. Sharov, 3 pp.

RUSSIAN, per, Zhur Vyshey Nerv Degatel Danni I. P.
Pavlova, Vol X, No 4, 1960, pp 634-636.

FP

Sci
Apr 62

192, 760

The Application of the Virial Theorem to the
Dynamics of Star Cluster, by E. A. Dibay, F. A.
Tsitsin, A. S. Sharov, 6 pp

RUSSIAN, per, Astron Zhur, Vol XXXVII, No 4, 1960,
pp 659-664

AIP
Sov Astron-AJ
Vol IV, No 4

Sci
Apr 61

144,581

Comparison of Several Theoretical Laws of
Galactic Rotation with Observational Data,
by A. S. Sharov, 4 pp.

RUSSIAN, per, Astron Zhur, Vol XXXVIII, No 2,
1961, pp 287-292.

AIP
Sov Astron-AJ
Vol V, No 2

Sci

172, 253

Oct 61

The Spatial Structure of Several Clusters
of Galaxies, by A. S. Sharov, 9 pp.

RUSSIAN, per, Astron Zhur, Vol XXXVI, No 5,
1959, pp 807-815.

Amer Inst of Phys
Sov Astron-AJ
Vol III, No 5

Sci

Jun 60

118,012

On the Nature of the Relation Between Stellar Color
Excesses and the Brightness of the Milky Way, by A. S.
Sharov, 7 pp.

RUSSIAN, per, Astron Zhur, Vol XXXVI, No 1, 1959,
pp 106-113.

AIP
Vol III, No 1

Sci - Astron

Oct 59

100,172

The Fine Structure of Crystalline Particles
of Uranium, by V. V. Ryabkina, B. V. Sharov,
3 pp.

RUSSIAN, per, Fiz Met i Metalloved, Vol VII,
No 3, 1959, pp 360-362.

Fergamon Press

Sci

Jul 60

120,379

Structure of Surface Layer on Uranium Obtained
by Electrosarking, by B. V. ~~Shkharov~~ Sharov. UNCL

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk,
Metall Toplivo, No 3, 1959, pp 148-150.

HB 4755

Sci - Chem

Dec 59

103,456

Development Prospects of the Kuznetsk Metallurgical
Combine, by G. V. Sharov, 5 pp.

RUSSIAN, per, Metallurg, No 4, 1957, pp 5-8.

Consultants Bureau

Sci - Engr

Jul 58

66,989

SHAROV, G.

Use of Coke-oven Gas for Starfing of Semifinished
Products.

STAL, vol 10, No 7, p 46, 290 words.

Brutcher No 1278, \$ 1. 00

A 10806

Localization of Glycogen in the Human Placenta,
by I. I. Sharov, 3 pp.

RUSSIAN, per, Byul Eksper Biol i Med, Vol L, No 9
1960, pp 112-115.

CB

Sci

Jun 61

157,701

Histochemical Study of the Glycogen Content of the
Uterus and Placenta of White Rats at Different
Stages of Gestation, by I. I. Sbarov, 4 pp.

⁸
RUSSIAN, per, Sov Eksp^r Biol i Med, Vol XLVI, No 1
1958, pp 104-108

Sci - Med

Consultants Bureau

May 59

86,088

II
Histochemical Studies of Alkaline and Acid
Phosphatase Activity in the Uterus and Placenta
of Pregnant White Rats, by I. I. Sharov, 4 pp.

RUSSIAN, per, Byul Eksp^{er} Biol i Med, Vol XLV,
No 2, 1956, pp 108-112.

Consultants Bureau

Sci - Med
Ref 58

77,052

Concerning the Treatment of ~~Aluminum~~ Aluminium
Magnesium Alloys in the Liquid State, by M. F.
Odina, M. V. Sharov.

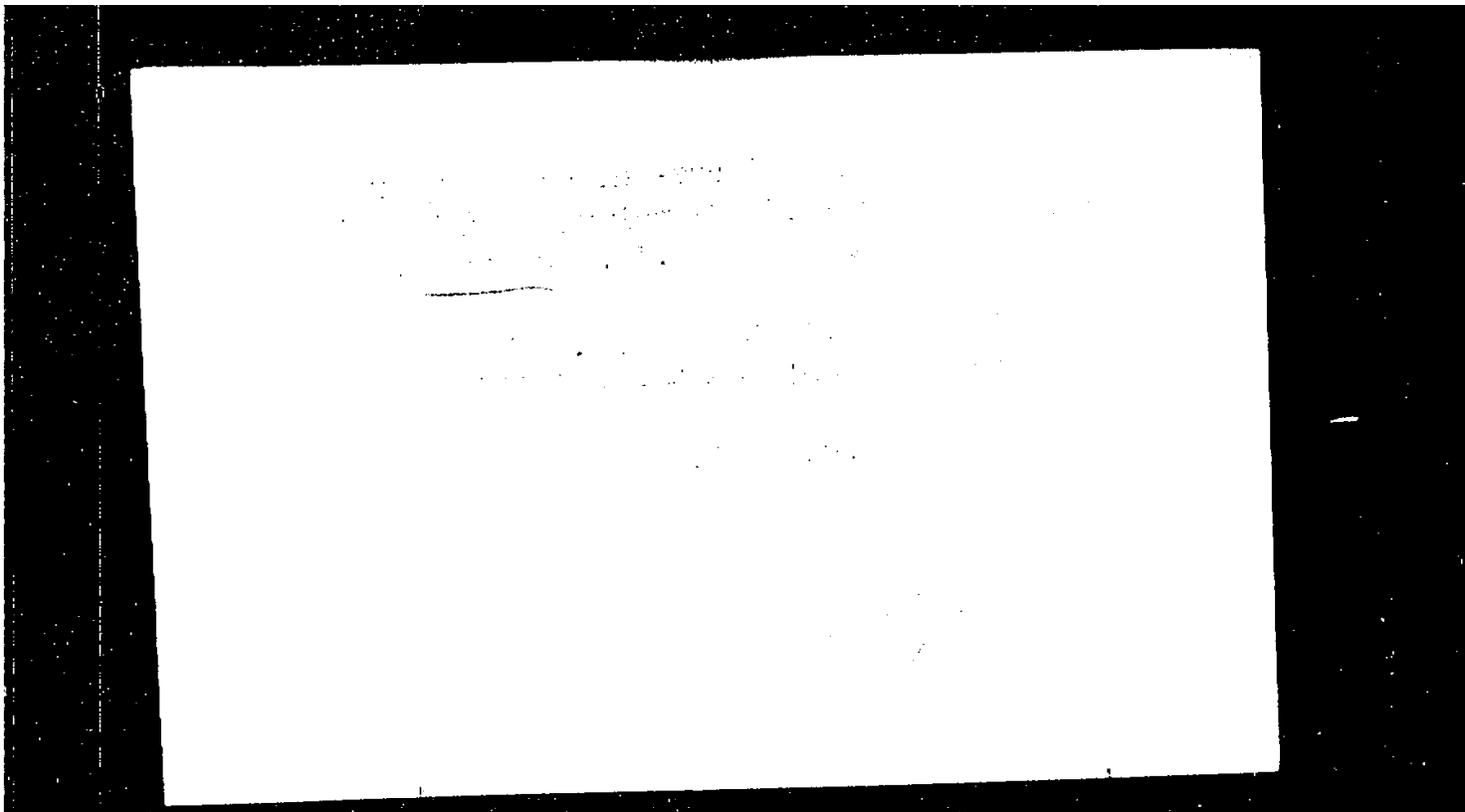
RUSSIAN, per, Liteynoye Proizvodstvo, No 9, 1951,
pp 26-27.

NEL M 8819

Sci - W/M
Mar 63

225,396

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00929R000201010068-6



APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00929R000201010068-6

Sharov, M. V. and Gudchenko, A. P.
A STUDY OF THE INTERACTION OF HYDROGEN
WITH LIGHT ALLOYS DURING THE MELTING
PROCESS. Jan 60.
Order from MT 15 10s MT Trans-118

Trans. of mono. Metallurgicheskie Osnovy Lit'ya
Legkikh Splavov, Moscow, 1957, p. 306-340.

DESCRIPTORS: *Alloys, Melting, Hydrogen, Chemical
reactions, Metallurgy.

(Metallurgy, TT, v. 6, no. 6)

61-22808

I. Sharov, M. V.
II. Gudchenko, A. P.
III. MT Trans-118
IV. Tollemache, M. de O.
(Gt. Brit.)

Office of Technical Services

Sharov, M. V. and Serebryakov, V. V.
MÉTHODE DE DÉTERMINATION DE LA SOLUBILITÉ
DE L'HYDROGÈNE DANS LE MAGNESIUM ET SES
ALLIAGES [Metodika Opredeleeniya Rastvorimosti
Vodoroda v Magnii i Ego Splavakh] [A Method for the
Determination of the Solubility of Hydrogen in Mag-
nesium and its Alloys] tr. by de Tresvinsky.
21 June 60 [8]p. 7 refs. CEA Trans. no. R 948.
Order from OTS or SLA \$1. 10 61-23732

Trans. in French of #Zavodak[aya] Lab[oratoriya]
(USSR) 1958, v. 24, no. 10, p. 1226-1228.

DESCRIPTORS: *Magnesium, Magnesium alloys,
Hydrogen, Determination, Solubility.

The imperfection of the device for the saturation of
the melt with hydrogen is mentioned as an essential de-
ficiency in the work carried out before. A device is
described which makes it possible to maintain a hydro-
gen pressure of 1 atmosphere above the metal melt.

61-23732

- I. Sharov, M. V.
- II. Serebryakov, V. V.
- III. CEA-tr-R948
- IV. Commissariat à l'Énergie
Atomique (France)

Office of Technical Services
(Metallurgy, TT, v. 6, no. 6)

The Tendency of Alloys of the Mg-Al-Zn System
Develop Porosity, by M. V. Sharov, Ye. I. Eh
Bibikov, 8 pp.

RUSSIAN, per, Nauch Dok Vysshey Shkoly, Metallurgiya,
No 1, 1959, pp 63-67.

ATIC MCL-272/1

Sci - Min/Met

Dec 60

134,940

Degasification of Aluminum-Silicon Alloys With the
Help of Fluxes, by M. V. Sharov, OI I.
Nikishayeva, 10 pp.

RUSSIAN, per, Nauch Dok Vyssey Shkoly, Metallurgiya,
No 1, 1959, pp 58-62.

ATIC MCL-272/III

Sci - Min/Met

Dec 60

134,939

SHAROV, M. V.
HUDCHENKO, A. P.
STEPANOV, M. G.

Several Methods of Processing Electron (Magnesium)
Alloys in the Liquid State.

RUSSIAN, per, kTrudy Moskovskogo Aviatsionnogo
Tekhnologicheskogo Institutata, Issue 4, 1948, pp 3-29.

AMC P-T8-13 7532

A 10107

May 52 DT8

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00929R000201010068-6

SPlow With Roller Mouldboard, by N. N. Sharov, 2 pp.

RUSSIAN, per, Traktory i Sel'khozmaschin, No 11, 1962,
pp 46-47.

#ORS 64-11086
FL-480

Ssi
Mar 64

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00929R000201010068-6

Roller-type Moldboard Plow, by N. M. Sharov.
RUSSIAN, per. Traktory i Sel'khozmasliny, No 11, 59
1962, pp 46-47.
CFSTI-TT-64-11086

N. M. SHAROV

USSR
SCL/Agri
Jul 68

283,419

A TRANSPORT AIRCRAFT'S TAKEOFF AND LANDING
RUNS, BY A. BRYKIN, N. SHAROV, 6 PP.

RUSSIAN, PER, VEST VOZ FLOTA, NO 12, 1961.

FTD-ST-61-11

USSR
MIL
JUL 62

204,412

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00929R000201010068-6

Flow With Roller Moldboard, by N. M. Sharov.

RUSSIAN, per, No 11, 1962, pp 46-47.

*OTS 64-11086
PL-480

Sci
Feb 64

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00929R000201010068-6

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00929R000201010068-6

Grundlagen der Automatisierung in der Giesserei, 1956,
by N. T. Sharov.

Translated from the Russian edition, 1953.

DSIR 621.746:621-52
Lending Lib Unit
G. 11350/0

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00929R000201010068-6

The Kinetics of Sulphur Transfer From Iron to Slags
of the Blast Furnace Type, by V. A.

Krivososov, S. I. Sharov.

RUSSIAN, per, Nauch Dok Vysshikh Shkol, Metallurgiya,
No 4, 1958, pp 28-33.

BISI 2091

Sci - Min/metals

211, 272

Sep 62

(DC-4700/11)

New Pay Conditions for Truck Drivers, by
V. Sharov, 9 pp.

RUSSIAN, per, Stroitel', No 6, 1961, pp 27-29.

JPRS 8857

168,041

DESR
Econ

Sep 61

(DC-6728)

Formation and Changes in Macroverticils in the
Atmosphere, by VI. Sharov, 11 pp.

RUSSIAN, per, Met i Gid, No 2, 1962, pp 9-15.

JPRS 13654

Sci - Geophys
May 62

194, 265

Relaxation Enthalpy and Cooperative Phenomena in
Polystyrene in the Vitrification Interval
By Yu.A. Sharonov, M.V. Vol'kenshtein pp7

RUSSIAN, per, Fiz Tverdogo Tela, Vol V, No 2, 1963,
pp590-598

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

Sci

Sep 63

344,712
344,112

The Interrelation Between General, Polytechnical
and Professional Education, by Yu. V. Sharov,
4 pp.

RUSSIAN, per, Sovet Pedagogika, No 12, 1959,
pp 11-19.

Interntl Arts and Sci Press
Soviet Education
Vol II, No 6

Jun 60
USSR
Soc

120, 214

On Production Training in Labor Polytechnic
Schools, by Yu. V. Sharov, 9 pp.

RUSSIAN, per, Sovet Pedagogika, No 8, 1959,
pp 30-41.

Interntl Arts and
Sci Press
Vol I, No 12

Sci

Dec 59

103,182

(NY-3001/4).

Obtaining Titanium Dioxide From the Product of
Reduction in Sodium Sulfate Smelting of Ilmenite
Concentrates, by A. K. Sharova, A. A. Fotiyev, 22 pp.

RUSSIAN, per, Iz Sibirskogo Otdel Ak Nauk SSSR,
No 4, 1959, pp 52-62/

JPRS-2037-N

USSR
Econ - Technological

Dec 59

104, 322

Preparation of the Acid Sulfate Salts of Trivalent
Titanium, by M. Y. Demenev, M. I. Milyutin, A. K.
Sharova, 3 p.

RUSSIAN, per, Zhur Neorg Khim, Vol II, No 2, 1957,
pp 465-466.

ABC-tr-4052

PL-480

Sci

Apr 61

PST No 79

145, 218

The Content of Microelements, Cu, Zn, Co 76
and Mn in Certain Soils of the Latvian SSR,
by A. S. Sharova.
RUSSIAN, per, Pochvov; No 3, 1957, pp 19-31.
CPSTI TT 65-50067

Sharova, A. S.

Sci - Chem, Agri
Jun 66

302,335

Reproduction and Transmission of the Value of an
Angle in Reference Measurements, by G. I. Strakun,
L. I. Smirnova, E. E. Sharova, 4 pp.

RUSSIAN, per, Izmeritel Tekh, No 10, 1960,
pp 13-15.

Instrument Society
of America

Sci

168, ~~187~~ 187

Sep 61

Manual Training in the Bulgarian Elementary Schools,
by Rayna Sherova, 7 pp.

RUSSIAN, per, Sovet Pedagog, No 2, 1959, pp 117-128.

Internatl Arts and Sci Press
Vol I, No 6

USSR

Soc

Jun 59

90,368

(FDD 22860)

Training of a Microorganism With Induced Characteristics of a Tuberculosis Bacillus, by B. L. Masur, V. N. Sharovakaya, 6 pp.

RUSSIAN, no per, Zhur Mikrobiol Epidemiol i Immunobiol, No 11, Moscow, Nov 1953, pp 24-27.

CIA/CO-M-184

USSR

Sci - Biology, tuberculosis CBS 64/Jan 55

22,136

Polarization of High-Energy μ^+ Mesons in Cosmic Rays, by H. M. Kocharyan, Z. A. Kirakosyan, E. G. Sharoyan, A. P. Plkalov, 3 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXXVIII, No 1, 1960, pp 18-21.

Amer Inst of Phys
Sov Phys - JETP
Vol XI, No 1

Sci -
Aug 60

122,130

NCH-201 993

Field 7D, 20B

Sharoyan, E. G.; Tikhomirova, N. N.
NATURE OF PARAMAGNETIC RESONANCE IN
MOLECULAR CRYSTALS OF MAGNESIUM PHTHALO-
CYANNE (O Prirode Paramagnitnykh Tsentrov v
Molekulyarnykh Kristallakh Ftalotalanida Magniya).
Aug 65, 7p, 14refs. TIL/T.5598.
Order from NLL

Trans. of Zhurnal Strukturnoi Khimii (USSR) v3 n5
p697-701 1964.

I. Technical Information and
Library Services,
Ministry of Aviation,
London (England)

304074

004062

107
Diffusion of Carbon in the Different Phases
of Carbon Steel, by H. Jillett, U. S. Geol. Surv.
Bull., Geol. Surv. Rept. Ann., Vol 137, No. 1,
1955, pp 765-796.
CIT 4576

R. D. SHARP

Sci-Materials

AL 88

\$10.40

Intermediate Products of the Radiolysis of
Water, by V. A. Sharpatyy, M. A. Proshurnin.
FOR GOVERNMENT USE ONLY
RUSSIAN, per, Akad. Nauk SSSR, Trudy II,
Ussoyuznogo Soveshchaniya Po Radioatsionnoy
Khimii, 1962, pp 122-126.
ADM/PSTC/HR-23-54-68

V. A. SHARPATYY

Sci/Chem
Dec 68

354,763

64
Intermediate Products of the Radiolysis of Water,
by V. A. Sharpatyy & M. A. Fribanukhin.
RUSSIAN, per. Trudy II Vsesoyuznogo Soveshchaniya
po Radiatsionnoy Khimii, 1962.

*ACSI J-4388

*FSTC-HT-23-54-68

V. A. Sharpatyy

Sci/Chem
June 68

The Radiation Chemistry of Aqueous Solutions,
by V. A. Sharpatyi, 18 pp.

RUSSIAN, per, Uspekhi Khim, Vol XXX, No 5,
1961, pp 645-678.

Cleaver-Hume Press

Sci

Aug 62

205,561

**Electron-Sensitized-Radiolysis Reaction and Kinetics
of the Radiolysis of Fresh Aqueous Sodium Nitrate
Solutions, by V. A. Sharynyi, Yu. N. Malin,
4 pp.**

**RUSSIAN, per, Zhur Fiz Khim, Vol XLV,
No 7, 1961, pp 1463-1473.**

Cleaver-Burns Press

Sci

Apr 62

SC0,290

Sensibilization of the Radiolytic Conversion of
Sodium Nitrate in Aqueous Alkaline Solutions,
by V. A. Sharpati, V. D. Oreklov, M. A. Proskurnin,
9 pp.

RUSSIAN, bk, Action of the Ionizing Radiation on
the Inorganic and Organic Systems, Moscow, 1958,
Acad of Sci USSR, pp 37-42.

AEC 3389

Sci - Chem

76,443

Nov 58

The Conversion of Oxidative Radiolysis Components in
the Nitrate-Water System, by M. A. Proskurnin, V. A.
Sharpatyy, V. I. Esirnova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIX, No 2,
1961, pp 410-413.

CB

190,313

Sci

Apr 62

PROSPECTS FOR DEVELOPING NEW TYPES FOR USE IN
THE CHEMICAL INDUSTRY, BY G. J. SHAPIRO,
A. L. BELINAY, 37 PP.

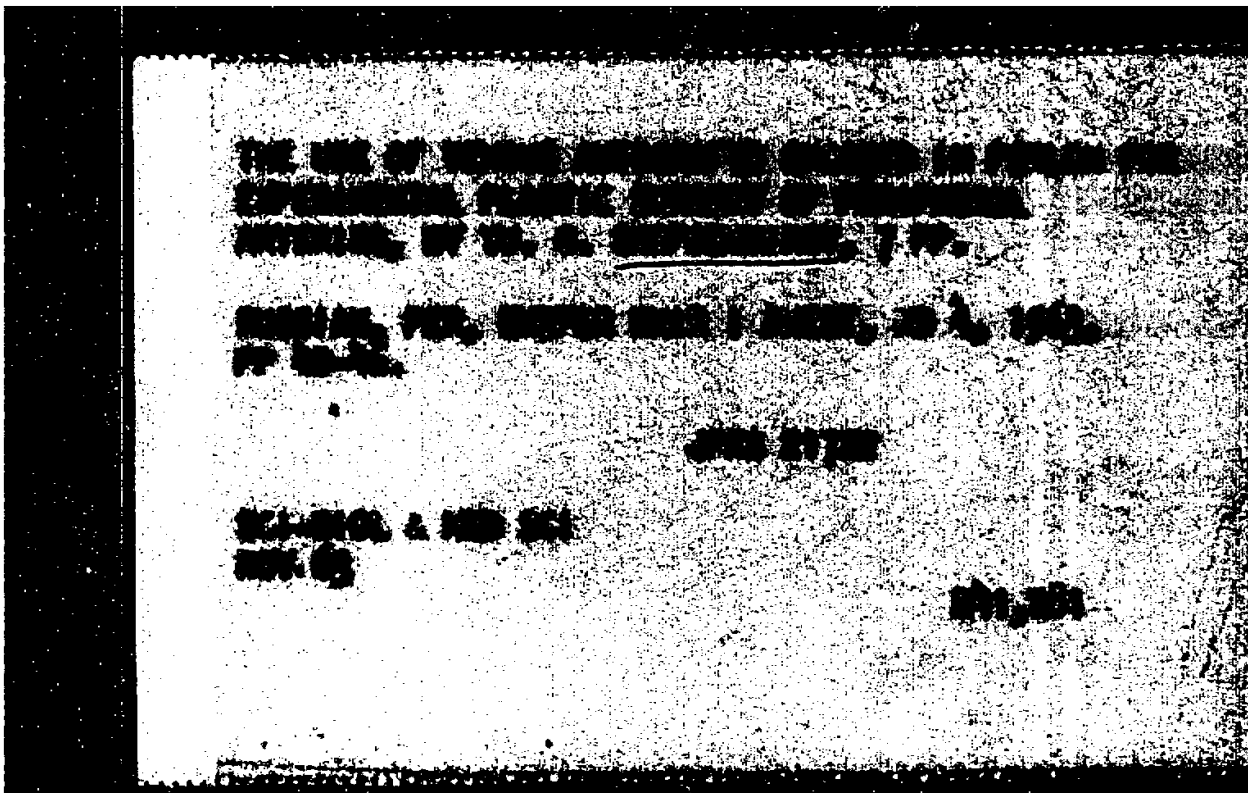
RUSSIAN, PVA, KHIMIK, NO 1, 1963,
PP 25-31.

JUN 1963

100
100
APR 63

25.73

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00929R000201010068-6



APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00929R000201010068-6

71
Intermediate Products of the Radiolysis of
Water, by V. A. Sharpatyy, M. A. Pronkarnin.
RUSSIAN, per, Trudy II Vsesoyuznogo
Soveshchaniya Po Radiatsionnoy Khimii, 1962,
7 pp.

ACSI J-4808
RSTC FP-23-50-68

V. A. Sharpatyy

Soc/Chem
Sep 68

363,265

The Spectra of Paramagnetic Electron
Resonance and the Kinetics of the Accumulation
of Radicals Formed During the Irradiation of
Frozen Aqueous Solutions of Sodium Nitrate
by Fast Electrons, by Yu. N. Molin, V. A.
Sharpatyy, N. Ya. Buben, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII, No 6,
1959, pp 1224-1227.

Consultants Bureau

Sci

Sep 60

126,586

Radiolytic Reduction of Aqueous Sodium Nitrate
Solutions Saturated With Hydrogen, by V. A.
Sharpatyi, V. D. Orekhov, 3 pp.

POLISH, per, Nukleonika, Vol IV, 1960, pp 487-489.

AEC Tr-4213

Sci - Phys
10 Nov 60
List 45

SLA: 60-23972

131,409

(NY-3432).

The Effect of Ionizing Radiation on the Body With
the Consumption of Different Quantities of
Histidine in the Food, by A. E. Sharpenak, O. A.
Gorozhankina, L. A., 6 pp.

RUSSIAN, per, Medit Radiolog, Vol IV, No 6, 1959.

JPRS 2773

Sci - Medicine

Oct 60

130,978

The Role of Nervous Excitation in the Formation
of Dental Caries, by A.E. Sharpenak,
V.R. Bobyleva. 7 pp. 67
RUSSIAN, per, Stomatologiya, Vol 7, No 3, 1963,
pp 7-10. P100627166
FTD-TT-65-968

A. E. SHARPENAK

Sci/BBH
Oct 66

309,496

Theory of Particle Focussing in a Linear Accelerator
Using a System of Transverse Lenses, by A. A.
Bharsharov, 8 pp.

RUSSIAN, per, Atomsnaya Energiya, Supple No 4, 1957,
pp 83-. CIA 9033743

Consultants Bureau

Sci - Nuclear Phys
Nov 58

77,205

Extension of Filippov's Theorem to
Nonlinear Equations, by A. A. Sharshanov,
29 pp.

RUSSIAN, per, Ukrain State Zhur, Vol XI,
No 4, 1959, pp 413-450.

CIA/PDB 2-3826

A. A. Sharshanov

Sci - Math & Data Proc

Mar 66

FOR OFFICIAL USE ONLY

297,601

Hard Focusing in Linear Electron Accelerators,
by K. N. Stepanov, A. A. Sharshanov, 8 pp. .

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVII, No 8,
pp 1863-1869.

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

Sci - Phys

Jun 58

64,764

Strong Focusing in Linear Electron Accelerators,
by K.N. Stepanov, A.A. Sharshanov, 3 pp.

RUSSIAN, per, Atomnaya Energiya, Vol II, No 2,
1957, pp. 178.

Consultants Bureau

Sci - Nuc Phys

Jun 58

65,011

Stability of Charged-Particle Motion in a Stellarator,
by A.A. Sharshanov, 5 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXXII, No 4, 1962, 8
pp 395-401.

Sci

Oct
~~1962~~ 62

Amer Inst Phys
Sov Phys - Tech Phys
Vol VII, No 4 214,918

On the Propagation of Electromagnetic Waves in
Almost-Periodic Waveguides, by A. A. Sharahanov,
K. N. Stepanov, 8 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVII, No 7, 1957,
pp 1474-1482.

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

Sci - Phys

May 58

64,261

Structure and Composition of the Carbide of Low-
Tempered Steel, by Yu. A. Skakov, I. M. Chernikova,
A. V. Sharchatkina, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 2, 1958,
pp 284-285.

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

Sci - Phys

Jul 59

91,473

Electromagnetic Coupling Between Twisted Circuits
in High-Frequency Cables of Symmetrical Construc-
tion, by V. O. Shartman, 13 pp.

RUSSIAN, per, 'Elektrosvyaz', No 8, 1960,
pp 65-73.

USASIA Tr 1198

Sci - Electron

168, 294

Sep 61

Dependence of the Phagocytic Reaction of Leukocytes
on their Carbohydrate Metabolism, by O. S. Sherstnava,
3 pp.

RUSSIAN, per, Byul Eksper Biol i Med, Vol XLV,
No 3, 1958, pp 67-69

Consultants Bureau

Sci - Med

Nov 58

76,9434

Acid-Basic Properties of Metallurgic Cinder, by
L. A. Sh'artzman, I. T. Tomilin.

RUSSIAN, per, Uspekh Khim, Vol XXVI, No 5, 1957,
pp 554-567.

Tech and Com

Sci - Chem

Apr 58

62, 243

Effect of the Tumor Extracts on the Catalase and
Coenzyme ~~AK~~ A of the Liver of Normal Mice, by A. M.
Kuzin, K.S. Sharukhova (Sharouhov), I. A. Chudinova
(Tchudinov), 7 pp.

RUSSIAN, per, Biokhim, Vol XX, 1955, pp 126-128.

AEC Tr 3186

Sci - Med

May 58

62,656

Study of Molybdenum Halides. 1. Vapor Pressure and
Dissociation Pressure of Molybdenum Pentachloride, by
S. A. Shchukarev, I. V. Vasilkova, B. N. Sharupin,
6 pp.

RUSSIAN, mo per, Zhur Obshch Khim, Vol XXVI, No 8,
1956, pp 2093-2096.

Sci - Chem

Dec 57

Consultants Bureau

56,498

Measurement of the Resistance of High Purity
Tin at Helium Temperatures, by V. B. Zernov,
Yu. V. Sharvin, 5 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz,
Vol XXXVI (5), 1959, pp 1038-1045.

AIP
Sov Phys - JETP

Nov 59

100,894

The Dependence of the Penetration Depth of the
Magnetic Field in a Superconductor on the Magnitude
of the Magnetic Field, by Yu. V. Sharvin, V. F.
Gantmakher, 7 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXXIX,
No 5, Nov 1960, pp 1242-1250.

Interntl Physical Index
Physics Express
Vol III, No 7

158, 754

Sci - Phys

Jun 61

Measurement of Surface Tension at the Boundary Between
Superconducting and Normal Phases, by Yu. V.
Sharvin, 5 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol
XXXIII, No 6(12), 1957, pp 1341-1346.

Amer Inst of Phys
Sov Phys-JETP
Vol 5(33) No 6

Sci - Physics
Aug 58

69, 687

Anisotropy of Surface Tension at the Boundary Between
the Superconducting and Normal Phases of Tin, by Yu. V.
Sharvin, V. F. Gantmakher, 11 pp.

RUSSIAN, per, Zhur ikupar i Teoret Fiz, Vol XXXVIII,
No 5, 1960, pp 1456-1470.

AIP
Sov Phys-JEIP
Vol XI, No 5

Wci -
Dec 60

135,478

Structure of the Intermediate State of Super-
conductors, b B. M. Balashova, Yu. V. Sharvin,
6 pp.

RUSSIAN, no per, Zhur Eksper i Teoret Fiz,
Vol XXXI, No 1, 1956, pp 40-44.

Amer Inst of Physics
Soviet Physics, JETP
Vol IV, No 1

Sci - Physics
Apr 57 CTS

46, 749

The Intermediate State of Superconductors, by E. M. Lifshits, Yu. V. Sharvin.

Full translation.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXIX, 1951, p 783.-786

AEC Tr 1180

Sci - Physics

Sci Mem 113 No 52/0358

Apr 52 CTS

A 7052

The Dependence of Penetration Depth of a Magnetic Field
Into a Superconductor on the Strength of a Magnetic
Field, by Yu. V. Sharvin.

Full translation.

RUSSIAN, no per, Zhur Eksper i Teoret Fiz, Vol ~~XXI~~,
1951, p 658.

SLA 61-13647

AEC Tr 1183

Sci - Physics

A-10810

Sci Mu 413 No 52/0363

Apr 52 CTS

Brookhaven Lab

Dependence of the Depth of Penetration of the
Magnetic Field in a Superconductor on the
Magnetic Field Strength, by Yu. V. Sharvin,
V. P. Gantmakher, 7 pp.

RUSSIAN, per, Zhur Eksp'er i Teoret Fiz, Vol XXXIX
No 5 (11), 1960, pp 1242-1250.

AIP
Soviet Phys - JETP
Vol XII, No 5

Sci

157,649

Jul 61

On the Structure of Superconductors in the
Intermediate State, by Yu. V. Sharvin and
E. M. Balashova, 15 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol
XXIII, No 2(8), 1952, pp 222-228.

SLA Tr H-1947

Sci

Jul 58

68,326

Oxidation of Hydrocarbons by Atmospheric Oxygen
Under the Initiating Action of Chlorine, by N. I.
Zemlyansky, O. A. Prib, and N. Ya. Sharypkina. 8 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXII, No 10,
1952, pp 1770-1772.

Consultants Bureau

Scientific - Chemistry

14,493

A Low-Flying Target in the Air, by N. Shasha,
2 pp.

RUSSIAN, per, Starshina-Serubant, no 7,
Moscow 1964, pp 22.

ANI/To Canada

Kib 3563(L)

TSR

MLL

Aug 65

N. Shasha

206,536

Special Constructional Features of High-Speed
Electric Motors, by L. N. Shashanov, 4 pp.
CONFIDENTIAL

**from* *CONFIDENTIAL*
RUSSIAN, per, Vest Elek, No 11, 1956, pp 14-17.

D.S.I. Tr 280
(British)

Sci - Engineering
Jun 57

48,874

FDD only Z-380

Sci Mus Lib 57/2568

The Role of Fluorescent Compounds in the Operation of Mercury
and Fluorescent Lamp Tubes and Portable Sources of
the Transmission of Light. Experimental Investigation by
L. L. Shcherbakov, M. A. Gerasimov et al., 8 pp.

Summary, per. Chem. Abstracts, Spectroscopy & Instrumentation,
No 3, 1968, pp 21-24.

2925 2117

Sci-Inst & Med Inst

Dec 68

24,409

The Design Principles of Multistage Broadband and
Pulse Amplifiers With Compensation, by V. P. ~~SHASHERIN~~
Shasherin, 12 pp.

RUSSIAN, ¹²per, 100 Let So Dnya Rozhdeniya, A. S
Popova, Yubileynaya, Sessiya, Moscow, 1960,
pp 133-140. 9676291

FTD-TT-61-245

Sci - Electron

192, 302

Ann 62

An Autotransformer Circuit for the High-frequency
Compensation of Resistance-coupled Tube Amplifiers,
by V. P. Shasherin, 11 pp

RUSSIAN, per, Radiotekh, Vol XIV, No 11, 1959,
pp 13-20

PP

Sci
Apr 61

148,171

The Constitution of Aluminum-Silicon-Iron Alloys,
by G. G. Urazov, A. V. Shashin, 2: pp.

RUSSIAN, per, Metallurg, Vol XII, No 4, 1937,
pp 27-41.

SIA R-2582

Sci
Aug 59

94, 564

The Effects of Alloying Elements ρ on the Mechanical Properties of Welded Joints in Type 18-8 Steel During Long Service at 350-650^o C, by D. M. Shashin, 7 pp.

RUSSIAN, per, Avtomat Svarka, No 11, 1961, pp 27-34.

BWRA

Sci

Oct 62

214,108

Condenser Discharge Butt Welding of Small Cross
Sections in 1Kh18N9 Steel, by D. M. Shashin;
N. Yu. Pal'chuk, 6 pp.

RUSSIAN, per, Svaroch Proiz, No 9, 1959, pp 19-20.

British Welding Res Assoc

Sci
Aug 60

122,079

Clinical Analysis of Twenty-eight Theca Cell Tumours
of the Ovary, by M. M. Shashin. 3 pp.

RUSSIAN, per, Voprosy Onkologiy, Vol IV, No 2, 1958,
pp 187-189.

Pergamon Inst

Sci - Med

Jun 59

89,676

Fatigue Strength Increased by Shot Peening, by M. Ya. Shashin, 6 pp.

RUSSIAN, per, Metal i Tsveticheskaya Odra Metalliov, No 1, 1959, pp 42-46.

Henry Bratcher

Sci - Min/Met

Sep 59

96,077

Depth of Strain-Hardened Layer Produced by Shot Peening
by N. A. Petrova, M. Ya. Shashin.

RUSSIAN, no per, Vest Mashinostroy, Vol XXXVI, No 11,
Moscow, 1956, pp 47-50.

Brutcher Tr 4024
\$3.90

Sci - Min/Met

Jan 58

57,034

On the Form of the Fatigue Curve for Stresses
Exceeding the Elastic Limit, by M. Ya. Shashin,

RUSSIAN, per, Zhur Tekh Fiz, Vol XXIII, No 3,
1953, pp 503-506.

23,699

Co-op Tr Sch, CTS 110
Ll.4s. (4s.04.)

Scientific - Physics

May 55 CTS

Standards for Comparison of Strain-Hardening
Conditions in Shot-Peening Machines, by M. Ya.
Shaghin, et al,

RUSSIAN, per, Vest Mash, Vol XXXV, No 10, 1955,
pp 37-41.

HB 4824

Sci - Min/Metals

164,333

Aug 61

**Study of Fatigue Strength of Shortened Specimens
Under Stresses Exceeding the Fatigue Limit, by
M. Ya. Shashin.**

**RUSSIAN, per, Vest Mash, Vol XXXII, No 9, 1952,
pp 57-60.**

**Butcher No 3145
\$3.90**

Sci - Min/metals

40,688

On the Possibility of Separate Determination of Uranium and Thorium on the Basis of Data from Measurements of the Gamma Emission Spectra of their Ores in Place, by S. G. Troitskiy, V. L. Shashkin, 3 pp.

RUSSIAN, per, Atom Energ, Vol XII, No 1, 1962, pp70-73

CB

Sci

213,252

Aug 62

Instrumental Gamma Emission Spectra of Infinite
Uranium Ore Strata, by S. G. Troitskii, V. L.
Shashkin, 4 pp.

RUSSIAN, per, Atom Energ. Vol XII, No 1, 1962,
pp 67-69

CB

Sci

213,251

Aug 62

Unused Production Reserves [Inadequate Filling of
Carburizing Boxes], by B. I. Shashkin.

RUSSIAN, per, Metal i Term Obra Metallov, No 11,
1959, p 50.

HB 5161

Sci - Min/Metals

Aug 61

164,315

Radiometric Method of Assaying Solutions
for Uranium in the ~~EE~~ Presence of Ionium, by N. N.
Shashkina.

RUSSIAN, per, Atomnaya Energiya, Vol X, No 4, 1961,
pp 392-~~392~~.393.

Dept of Interior
TEI E57 No 548

215,913

Sci - Min/Met
Oct62

Reduction and Electrochemical Reduction of
Organic Substances at Palladium Electrode. II.
Reduction and Electrochemical Reduction of
Allylcarbinol, by I. I. Kulakova, A. V. Shashkina,
5 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXV, No 5,
1961, pp 1031-1039.

Cleaver-Hume Ltd .

Sci
May 62

195,402

Gasification of Cut Peat in a Suspended State,
by S. A. Shashkin, ~~IX~~ 18 pp.

RUSSIAN, per, Kislorod, No 2, 1944, pp 29-37.

Sci Trans Center RF-2809

32,672

Scientific - ~~Technology~~ Fuels

Apr 56

Shashkina, N. N.
RADIOMETRIC METHOD OF ASSAYING SOLUTIONS
FOR URANIUM IN THE PRESENCE OF IONIUM
(Radiometricheskii Metod Opredeleniya Kontsentratsii
Urana v Rastvorakh, Soderzhashchikh Ionii) tr. by
Ivan Mittin. 1962 [5]p. 2 refs.
Order from OTS or SLA \$1.10 62-32146

Trans. of #Atomnaya Energiya (USSR) 1961, v. 10,
no. 4, p. 392-393.

DESCRIPTORS: *Uranium, Solution, Determination,
*Thorium, *Radiochemistry, Radioactivity,
Scintillation counters.

(Nuclear Physics and Nuclear Chemistry, TT, v. 9,
no. 11)

62-32146

I. Shashkina, N. N.
II. Geological Survey,
Denver, Colo.

Office of Technical Services