

On the Measurement of Dew, BY L. F. SHAW, M. V. SHAW,
5 pp.

RUBIN, per, Mar 1 64, No 4, 1958, pp 43-58.

OTS 63-1162

PL-488

Sci - Earth Sci & Astron
Mar 64

250,897

Tunnel Diodes, by V. I. Fistul', N. Z. Shvarts. 30 pp.

RUSSIAN, per, Uspekhi Fiz Nauk, Vol LXXVII, No 1-2,
1962. pp 109-196.

Amer Inst of Physics
Sov Phys - Uspekhi
Vol V, No 2

Sci

Mar 63

233,230

quest translation check

20-2-24

BT-69-11

Electron microscope investigations of radiation defects
in lithium chloride crystals during reactor
irradiation and alpha irradiation

K E Shvarts, et al.

Kiev, Izd-vo "Naukova dumka", 1967, 348-352

Thermal Quenching of X-Ray Luminescence of
Certain Alkali-Halide Phosphor Crystals, by
K. K. Shwarts & E. B. Alshur.
RUSSIAN, per. AN IATSE. Inst. Fiziki. Radi-
atsionnaya Fizika, 1964, pp 67-69.
P100016068-V
FTD-MT-65-370

K. K. Shwarts

Sci/Phys
Feb 68

309.525

Thermoluminescence of KCl and KCl-Tl Crystals
Irradiated in a Reactor, by K. K. Shvarts &
Ya. Zh. Kristapson.

RUSSIAN, per, AN LATSR. Inst Fiziki. Radi-
atsionnaya Fizika, 1964, pp 25-30.

P100016068-V

FTD-MT-65-370

K. K. Shvarts

Sci/Phys
Feb 68

399,520

Investigation of Radioluminescence Alkali-
Halide Crystals in the Horizontal Channel of
a Reactor, by K. K. Shvarts & D. Ya. Inzis.
RUSSIAN, per. AN LATSR. Inst Fiziki. Radi-
atsionnaya Fizika. 1964. pp 1-10.
P100016068-V
FTD-ET-65-370

K. K. SHVARTS

Sci/Phys
Feb 68

349,518

129
Investigation of Electron Paramagnetic Resonance
and Luminescence of Solid Solutions of Sodium
and Manganese Chloride, by I. I. Shvarts &
V. B. Lysan.

RUSSIAN, per, AN IATSE, Inst Fiziki, Radi-
atsionnaya Fizika, 1964, pp 85-98.

P100016068-V

FTD-MT-65-370

K. K. Shvarts

Sci/Phys
Feb 68

349,527

Electronic-Vibrational Processes in the Lumine-
scence Centers of Ionic Crystals, by Ch. B.
Lushchik, and K. K. Shvarts, 5 pp.

RUSSIAN, per, Optika i Spektro, Vol IX, No 2,
1960, pp 215-222.

Optical Soc of Amer

Sci

Jan 61.

136,347

(FDD 25587)

On the Question of the Word as a Conditioned Stimulus,
by L. A. Shvarts, 7 pp.

RUSSIAN, no per, Byul Eksper Biol i Med, Vol XXXVIII,
No 12, Moscow, Dec 1954, pp 15-18.

CIA/FDD/U-7691

USSR

Sci - Medicine, neurophysiology

31,603

Jan 56 CTS

Influence of Training Conditions on the Threshold of
the Visual Recognition, by L. A. Shvarts, 28 pp.

RUSSIAN, bk, Voprosy Izucheniya Vysshey Neirodinamiki
v Svyazi s Problemami Psikhologii, 1957.

OTS 60-21168
PL-480

Sci

Aug 62

PST 209

(FDD 26036)

The Problem Concerning the Interaction of the First
and Second Signal Systems, by L. A. Shvarts, 19 pp.

RUSSIAN, Irreg Publ, Izvyak Pedagog Nauk RSFSR
No 53, Moscow, 1954, pp 171-180.

CIA/FDD/U-7880

USSR

33,331
Sci - Medicine, neurophysiology

SLA R-12/57

Conditions of Formation of the Structures of
the Pri-Balkhan Region of Southwest Turkmen,
by L. Ya. ~~Shvarts~~, T. V. Shvarts, 12 pp.

RUSSIAN, par, Geologiya Nefti, Vol II, No 7a,
1958, pp 25-33.

Rev of Russian Geol

Sci - Geophys

May 59

88,247

Method of Palaeotectonic Analysis, by E. V. Shwarts,
A. Ya. Gornikova, A. Ya. Shwarts, 3 pp.

RUSSIAN, per, Geologiya Nefti, Vol II, No 2-2,
1978, pp 53, 54.

Rev of Russian Geology

Sci - Geophys

Sep 59

97837

On the Measurement of Dev. BY L. F. Shashova, M. V. Shvachko.
3 pp.
RUSSIAN, per, Mater 1 G14, No 4, 1938, pp 53-55.

OTS 43-1322
PL-480

Sci - Earth Sci & Astron
Mar 64

230,887

Tunnel Diodes, by V. I. Fistul', N. Z. Shvarts, 30 pp.

RUSSIAN, per, Uspekhi Fiz Nauk, Vol LXXVII, No 1-2,
1962, pp 109-196.

Amer Inst of Physics
Sov Phys - Uspekhi
Vol V, No 2

Sci

Mar 63

233,230

Certain Questions on Electromagnetic-Type Ferrite
Amplifiers, by A. L. Mikayelyan, N. Z. Shvarts,
22 pp.

RUSSIAN, per, Radiotekh i Elektron, Vol V, No 1,
1960, pp 126-140.

PP

Sci
Aug 61

167,119

J-565/66

45 Years of the Communist Party of Uruguay, by
Niko Shvarts, (DC-11759).

RUSSIAN, np, Pravda, Moscow, 2 October 1965.
*JPRS

L Amer - Uruguay

Pol

Oct 65

Benzoylation of Aromatic Hydrocarbons in Presence of
Activated Clay, L. N. Petrova, O. V. Shwarts.

The Journal of General Chemistry of the USSR, Vol XI,
No 12, Dec 1950, pp 2249 - 2253 (Russ p 2168).

Consultants Bureau
New York

A 9134

USSR

Calculating the Coke Yield, by S. A. Shvarts,
N. P. Aksenin, 4 pp.

RUSSIAN, per, Koks i Khim, No 4, 1962,

CTRA

Sci

Nov 62

216,588

Alternation of Generations and Life Span of Rodents,
by S. S. Shvarts, B. G. Isachenko, et al., 20 pp.
RUSSIAN, per, Zhurnal Oshchecy Biologii, Vol XX,
No 4, 1964, pp 417-432.
JPRS 28001

Sci-Biol Med Sci
Mar 65

275,404

32

New Data of Various Pathways of the Adaptation
of Animals to the Changes of Their Environment.
by S. E. SHENKIN, V. N. and others, et al. 7 pp.
RUSSIAN, part. East Slav, VIL KILM, No 4,
1964, pp 263-267.
JPRS 15428

Sci - B & M
JUL 64

263, 267

Seasonal Changes in the relative Weight of the
Adrenal Glands in Mammals Under Natural Condi-
tions, by V. S. Smirnov, S. S. Shvarts, 4 pp.

RUSSIAN, per Dok Ak Nauk SSSR, Vol CXV, No 6,
1957, pp 1193-1196.

Amer Inst of Biol Sci

Sci - Med

May 58

63,559

Tectonic Development of the Kum-Dag Fold in the Late
Pliocene, by T. V. Shvarts, 6 pp.

RUSSIAN, per, Geol Nefti i Gaza, Vol III, No 5-A,
1959, pp 22-.

RRG

Sci

Mar 61

142,325

Conditions of Formation of the Structures of
the Pri-Balkhan Region of Southwest Turkmen,
by L. Ia. Shvarts, T. V. Shvarts, 12 pp.

RUSSIAN, per, Geologiya Nefti, Vol. II, No. 7a,
1958, pp. 25-33.

Rev of Russian Geol

Sci - Geophys

May 59

88,247

Method of Paleotectonic Analysis, by T. V. Shvarts,
A. Ya. Gavrilov, L. Ya. Shvarts, 3 pp.

RUSSIAN, per, Geologiya Nefti, Vol II, No 8-B,
1958, pp 53, 54.

Rev of Russian Geology

Sci - Geophys

Sep 59

97837

Prospects for Development of the Foodstuff
Industry, by G. Parshikov, V. Shvarts, 12 pp.
USSR, per, ~~Ekspozitsiya SSSR~~, No. 12,
December 1964, pp. 32-38.
JPRS 29357

V. Shvarts

USSR
Econ
Apr 65

277,436

Characteristics of Finned Tubular Heat-Exchange
Surfaces, by V. A. Shvarts. 73

RUSSIAN, per, Energomashinostroyeniya, No 9,
1963, pp 22-28.

*ARC

V. A. Shvarts

Sci-Phys
Sep 70

Characteristics of Finned Tubular Heat-Exchange
Surfaces, by V. A. Shvarts. 89

RUSSIAN, per, Energomashinostroyeniye, No 9,
1963, pp 22-28.

AcC-Tr-2936

V. A. Shvarts

Sci/Phy
Feb 70

400,201

Shvarts, V. A.
SELECTING THE OPTIMUM PARAMETERS AND
EVALUATING THE EFFICIENCY OF THE HEAT-
TRANSFER SURFACE OF THE REGENERATORS OF
GAS-TURBINE INSTALLATIONS. [1964] [14p] 5refs
B. S. R. A. Trans. no. 1558.
Order from OTS, SLA, or ETC \$1.60 TT-64-13039

Trans. of Teplotekhnika (USSR) 1962, v. 9, no. 2,
p. 55-[59].

(Physics--Thermodynamics, TT, v. 12, no. 2)

TT-64-13039

- I. Shvarts, V. A.
- II. BSRA-Trans-1558
- III. British Ship Research
Association, London
(England)

86250

Office of Technical Services

Deriations From Reciprocity as Functions of Emulsion
H and Br (E-844), by P. V. Maykiyar, V. M. Shvarts,
Z. V. Kharitonova, 4 pp.

RUSSIAN, per, Trudy NIKFI, No 37, 1960, pp 107-110.

CIA/FID XI-1121

NOT RELEASABLE TO FOREIGN NATIONALS

Sci

Mar 62

185,949

USIB INTERNAL USE ONLY

Two Cases of Cancer of the Small Intestine, by
Ya. E. Shvarts, S. A. Geshelin, 3 pp.

RUSSIAN, per, Voprosy Onkologii, Vol V, No 7,
1959, pp 85-87.

PP

Sci
Aug 60

124,56.1

Theory of Operation of the Electrostatic Fluxmeter
in Plasma, by Ya. M. Shvarts, 6 pp.

RUSSIAN, per, Radiotekh i Elektron, Vol VI,
No 1, 1961, pp 153-159.

AIEE

Sci

170,297

Oct 61

Method of Determining the Electrical Potential
of a Body in a Plasma, by Ya. M. Shvarts, 5 pp.

RUSSIAN, bk, Iakusstvennyye Sputniki Zemli, No 4,
1960.

Plenum Press

In CIA Lib
Sci - Space Res
Jun 61

153,443

Measurements of the Electrostatic Field Strength on
Sputnik III, by I. M. Imyanitov, Ya. M. Shvarts,
RUSSIAN, Iskusstvennyye Sputniki Zemli, No 17,
1963, pp54-65.
NASA TT P-8528

Sci - Aero

Mar 64

U. S. GOVERNMENT ONLY

252,048

Borotartrates of the Alkaline-Earth Metals.
III. Ammonium Calcium and Ammonium Strontium
Boroditartrates, by Ye. M. Shvarts, A. F.
Yevin'sh, 7 pp.
RUSSIAN, per, Zhur Neorganicheskoy Khim,
Vol III, No 5, 1958, pp 1177-1180.

9

RIS R-720

Feb 62

186.287

EDuctility of Grain-Oriented Silicon Steel
Improved, by Ya. S. Shvartabart.

RUSSIAN, per, Metall i Term Obrab Metallov,
No 2, 1960, pp 11-13.

HB 5312

Acta Metallurgica
190, 725

Sci - Min/Met
Apr 62

Unsaturated Hydrocarbons. XIII. The Direction and Limits
of Applicability of the Dehydrocyclization Reaction in
the Synthesis of Polyphenyls, by M. S. Shvartsberg,
E. K. Vasilyev, I. L. Kotlyarevskiy, ⁵ pp.

RUSSIAN, per. Zhur Obshch Khim, Vol XXXI, No 4, 1961,
pp. 1278 - 1283 ⁵

CB

- 196,709

Sci
Apr 62

Unsaturated Hydrocarbons. X. Synthesis of 4, 4'-
Dimethyldiphenyl and 2-Phenylnapthalene, by M. S.
Shvartsberg, M. I. Bardamova, I. L. Kotlyarevskiy,
4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 2, 1960,
pp 436-439.

CB

Sci

Apr 61

153,591

Unsaturated Hydrocarbons. VII. Synthesis of
p-Methyldiphenyl, by I. L. Kotlyarevskiy, M. S.
Shvartsberg, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 8,
1959, pp 2639-2642.

Consultants Bureau

Sci

Aug 60

126,726

Unsaturated Hydrocarbons. IX. Contribution on the
Aromatization of Aryl Substituted Compounds,
by M. S. Shvartsberg, I. L. Kotlyarevskiy, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 10,
1959, pp 3255-3257.

CB

Sci

Oct 60

130,599

Unsaturated Hydrocarbons XII. Synthesis of 4-Methyl-
p-Terphenyl and 4,4"-Dimethyl-p-Terphenyl, by I. L.
Kotlyarevskiy, M. S. Shvartsberg, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 9, 1960,
pp 2912-2915.

CB

170,697

Sci

Sep 61

Methods of Synthesis of Polyphenyl Hydrocarbons,
by M. S. Shvartsberg, I. L. Kotlyarevskiy
16 pp.

RUSSIAN, per Uspekhi Khim, Vol XXIX, No 12, 1960
pp 1439-1473.

Cleaver-Hume Press

Sci

164, 226

Aug 1961

Unsaturated Hydrocarbons. XI. Synthesis of p-Terphenyl, by I. L. Kotlyarevskiy, M. S. Shvartsberg, Z. P. Trotsenko, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 2, 1960, pp 440-442.

CB

Sci

Apr 61

152, 272

Unsaturated Hydrocarbons. VIII. Synthesis and
Some Conversions of 3-Phenylheptadien-4,6-di-3,
by I. L. Kotlyarevskiy, M. I. Bardamova, M. S.
Shvartsberg, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 10,
1959, pp 3252-3254.

CB

Sci

Oct 60

130,598

Synthesis of Substituted 1-Benzyl-3,4-Dihydroisoquinolines, by I. N. Gorbacheva, L. P. Varnakova, N. V. Monich, V. M. Polyachenko, A. S. Romanova, L. S. Tulchinskaya, M. S. Shvartsberg, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No 8, 1957, pp 2276-2281.

Consultants Bureau

Sci - Chem
Oct 58

74, 218

(NY-5171)

Examination of the Thyroid Function by Means
of Radioactive Iodine in the Radiation
Treatment of Carcinoma of the Larynx, by K. N.
Chochia, Ye. M. Shvartsberg, 7 pp.

RUSSIAN, per, Medit Radiol, No 8, 1960.

JPRS 7198

Sci

Dec 60

134,314

x Study of the System NaAlO_2 - KAlO_2 - KOH - NaOH -
 K_2SO_4 - Na_2SO_4 - H_2O (K^+ - Na^+ - AlO_2^- - OH^- - SO_4^{2-} - H_2O),
by B. Kh. Shvartsman, N. S. Volkova, 11 pp.

RUSSIAN, PER, Zhur Prik Khim, Vol XXXIV,
No 7, 1961, pp ~~1490-1501~~.

1490-1501.

CB

Sci

May 62

195,866

Purification of Tellurium by the Zone Melting
Method, by N. F. Shvartsenau, 3 pp.

RUSSIAN, per Fiz Tverdogo Tela, Vol II, No 5,
1960, pp 870-873.

AIP

Sov Phys-Solid State

Sci

138,128

Jan 61

... by means of a conical electrode, by
A. M. Shvartsen, 5 pp.

... per, Svaroch Proiz, No 3, 1961, pp 17-18.

EXRA

Doc 62

184, 827

FORN-PLANE RESEARCH FOR RESEARCHING FIELDS,
BY A. W. BROWNE. 1. 11. 1960, 6 PP.

RESEARCH, FOR, RESEARCH, 11. 11, 1960,
PP 11-11.

FOR 11. 11

SCI - INT & INT

APR 61

11. 11

Cored Plate Electrodes for Electroslag Metal
Deposition

By A.Ya. Shvartsar, I.Ya. Golub, G.V. Lugovaya,
pp 5

RUSSIAN, per, Avtomat Svarka, No 11, 1962, pp 71-76

BWRA

Sci

Oct 63

240-959

Drill Bits Restored by Surfacing, by A. Ya.
Shvartser, 4 pp.

Russlan, per, Avtomat Svarka, Vol LXXXII, No 5,
1960, pp 51-55.

BWRA

Sci

Jun 61

152,926

NY-1549

The Activity of the Salivary Glands In Dogs After A
Massive Single X-Ray Irradiation in The Area of The
Abdomen, by Prof Yu. H. Uspenskiy, T. A. Tomofeyeva,
and I. V. Shvartsar, 8 pp.

RUSSIAN, *tr*, Med Radiolog, No 6, Moscow, Nov-Dec
1957, pp 37-41.

US JPRS/NY-L-435

Sci - Medicine

Dec 58

77,681

Shvartsman, A. G.

GLUCOSIDE FROM LEAVES OF RHODODENDRON
FLAVUM DON, tr. by Zelda D. Knowles. 3 Nov 52,
10p. 15 refs.

Order from OTS or SLA \$1.10

61-28099

Trans. of Zhurnal Obshchei Khimii (USSR) 1941,
v. 11, no. 5/6, p. 467-470.

DESCRIPTORS: *Glucosides, *Quercetin, Sources.

From the leaves of Rhododendron flavum was isolated
 $C_{21}H_{20}O_{12}$, which belongs to the flavone group. A
study of glucoside revealed that it is quercetin-3-glucoside. (Author)

(Chemistry--Organic, TT, v. 7, no. 2)

61-28099

1. Title: Rhododendron
- I. Shvartsman, A. G.
- II. National Institutes of Health, Bethesda, Md.

195314

Office of Technical Services

Glucoside From Leaves of Phododendron Flavum Don., by
A. G. Shvartsman, 10 pp.

RUSSIAN, no per, Zhur Obschch Khim, Vol XI, No 5, 6,
1941, pp 467-470.

CIA/FDD/X-738

Scientific - Biology, phododendron, flower

Nov 52 CTS/DEX

211244

TEMKIN I. V.

~~SHVARTSMAN~~ A. L.

Zhurnal Fiz. Khimii, vol. 23, 1949, pp. 755-760;
5 tables, 1600 words.

Activity of Carbon in Austenite.

Brutcher Trans, Order No. 2373, \$2.80.

A 11095

The Large Cosmic Ray Burst of February 23,
1956 as Observed at Moscow, Sverdlovsk,
Tbilisi and Cape Schmidt, by L. I. Dorman,
N.S. Kaminer, V. K. Koyava, B. F. Shvartsman,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol
CVIII, No 5, 1956, pp 809.

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 3

51,572

Sci - Phys
Aug 57

A Study of the Solubility of K_2SO_4 and Na_2SO_4 in a Mixture of Alkaline Potassium and Sodium Aluminate Solutions, by B. Kh. Shvartsman, 5 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXIII, No 5, 1960, pp 1048-1051.

CB

Sci

Apr 61

149,635

Obtaining High-Quality Alumina When Treating
Bauxites by Sintering, by B. Kh. Shvartsman,
N. S. Volkova, 4 pp.

RUSSIAN, per, Tsvetnyye Metally, Vol I, No 4,
1960, pp 48-50.

Primary Sources

Sci

Oct 60

130,435

Study of the System $\text{NaAlO}_2\text{-KAlO}_2\text{-KOH-NaOH-K}_2\text{SO}_4\text{-H}_2\text{O}$ ($\text{K-Na-AlO}_2\text{-OH-SO}_4\text{-H}_2\text{O}$), by B. Kh. Shvartsman,
N. S. Volkova, 3 pp.

RUSSIAN, per, Zhur, Prik Khim, Vol XXXIV, No 12,
1961, pp 2633-2648.

CB

Sci

Oct 62

214,355

Determination of the Spins of Pt^{196} Nuclear Levels
on the Basis of Gamma Rays Emitted in the Capture of
Resonance Neutrons, by N. D. Galanina, B. F.
Shvartsman, A. Ya. Diamant, 4 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXXVIII.
No 5, 1960, pp 1446-1450.

AIP
Sov Phys-JETP
Vol XI, No 5

135,476

Sci -
Dec 60

§ Preparation of Peeler Knives for Work, by G. M.
Shvartsman, 8 pp.

RUSSIAN, per, Les Prom, Vol IV, No 7, 1955,
pp 11-14.

Sci - Engineering
Apr 1957

SLA Tr ^{R-}173 Jan 1957
46,268

Tests Conducted for the Purpose of
Increasing the Resistance to Thermal
Shock of Runner Bricks, by I. A.
Ol'khovskiy, I. Sh. Shvartsman.

RUSSIAN, per, Ogneupory, Vol XXIII, No 11,
1958, pp 498-504.

BISI 3530

Sci-M/M

248,420

Jan 64

Stoppers and Nozzles From Urals Raw Materials,
by I. Sh. Shvartsman, Z. I. Mikhaleva, et al, 5 pp.

RUSSIAN, per, Ogneupory, No 12, 1963, ~~pp~~
pp 538-542.

CB

Sci
Jul 64

262,772

4

Effect of Stopper Design on Durability of Stoppers
During Service, by I. Sh. Shvartsman.

RUSSIAN, per, Ogneupory, Vol XXII, No 4, 1957,
pp 169-172.

441
Co-op Tr Sch Tr ~~442~~

Sci - Engr
Mar 58

60,168

The Solubility of Vanadium Carbide in Gamma Iron,
by N. A. Savosl'yanova, L. A. Shvartsman, 5 pp

RUSSIAN, per, Fiz Metal i Metallov, Vol IX,
No 4, 1960, pp 515-519

PP

Sci
May 61

15,012

Thermodynamics of Tungsten Carbides, by
V. I. Alekseyev, L. A. Shvartsman.

RUSSIAN, per, Iz Ak Nauk Otdel Tekh Nauk,
Metaliurgiya Gornoe Delo, No 1, 1963,
pp 91-96.

CRL/T.1291

Sci-M/M

Oct 63

241, 400

Conference of the Leading Workers of Institutes of
Vaccines and Serums, by L. A. Shvartsman. *5 pp.*

RUSSIAN, per, Zhur Mikrobiol, Epidemiologi i
Immunobiologi, Vol XXVII, No 7, Jul 1956, pp 126,
127. CIA 9013133

SLA 1 - 2387

USDA

Sci - Medicine
Oct 57

34, 151

Investigation of the Desulfurization of Pig Iron
With Sodium Carbonate, by O. V. Travin, L. A.
Shvartsman.

RUSSIAN, no per, Iz Ak Nauk SSSR, No 12, Dec 1953,
pp 1804-1812.

Henry Bratcher
Tr No 3865
\$7.40

45,138

Sci - Chemistry; Min/Metals
Mar 1957 CTS/dex

Utilization of the Radioactive Isotopes of Arsenic
and Niobium for the Study of Metallurgical Reactions,
by M. L. Saxonov, L. A. Shvartsman, 3 pp.

RUSSIAN, per, Zavod Lab, Vol XXVI, No 1, 1960,
pp 68-70.

ISA

Sci
Feb 61

141, 915

Influence of Alkaline-Earth Metal Oxides Upon
Distribution of Sulfur Between Iron and Iron-
Containing Slag, by L. A. Shvartman, I. A. Tomilin,
O. V. Travin, I. A. Popov.

RUSSIAN, rpt, Prob Metal i Fiz Metal, Collection
No 4, 1955, pp 577-594.

Henry Bratcher

No 4001

\$10.80

53,192

Sci - Min/Metals

Sep 57

Investigation of Mixing Processes in Open-Hearth
Furnace Baths With Aid of Radioactive Isotopes,
by A. I. Osipov, L. A. Shvartaman, V. E. Yudin,
M. L. Sazonov, 19 pp.

Full translation.

RUSSIAN, bk, Conference of the Academy of Sciences
of the USSR on the Peaceful Uses of Atomic Energy,
1-5 Jul 1955, Session of the Division of Technical
Science,

35,353

GPO

~~Consultants Bureau~~
~~259 West 4th St,~~
~~New York 11, N.Y.~~

Sci - Nuclear Physics *87 rpts for \$350.00

The Thermodynamics of the Reaction of De phosphory-
zation of Iron, by I. Yu. Kozhevnikov, L. A. Shvarts-
man, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, ~~Vol.~~ CXIII, No 2,
1957, pp. 376-379

Consultants Bureau

Sci - Chem

Jun 58

65, 715

Kinetics of the Passage of Sulfur From Pig Iron
Into Slag of the System $\text{CaO-Al}_2\text{O}_3$, by O. V.
Travin, L. A. Shvartaman, 20 pp.

Full translation.

RUSSIAN, bk, Conference of the Academy of Sciences
of the USSR on the Peaceful Uses of Atomic Energy,
1-5 Jul 1955, Session of the Division of Technical
Science,

35,354

GPO

Consultants Bureau
259 West 41st St,
New York 11, N.Y.

Sci - Nuclear Physics *87 rpts for \$350.00

Thermodynamics of Tungsten Carbides, by
V. I. Alekseev, L. A. Shvartsman.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk
Metallurgiya i Gornoe Delo, No 1, 1963, pp 91, 961.

BIBI 3321

Sci - Phys
Oct 63

345, 395

Experimental Use of Radioactive Isotopes in
Ferrous Metallurgy, by L. A. Shvartsman, 5 pp.

RUSSIAN, per, Zavod Lab, Vol XXIV, No 8,
1958, pp 915-921.

Instru Soc of Amer

Sci

Apr 60

113366

Kinetics of Carbon Elimination From a Steel Bath,
by L. A. Shvartsman, A. M. Samarin, M. I. ~~Shvarts~~
Tarkin

RUSSIAN, no per, Zhur Fiz Khim, Vol XXI, No 9,
1947, pp 1027-1032.

Nat Res Lib TT-556
Ottawa, Canada

32,116

3c1 - Chemistry

The Equilibrium Distribution of Sulfur Between
Metal and Slag in Open-Hearth Furnaces, by L. A.
Shvartaman, A. I. Osipov, V. P. Surov, M. L. Sazonov,
S. A. Telesov, A. M. Ofengenden, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 3,
1958, ~~pp 592-593~~ pp 599-.

~~Russian~~ Consultants Bureau

Sci - Chem

Jun 59

88, 682

New Method of Studying Equilibria in Metal-Slag
Systems, by V. F. Surov, O. V. Travin, L. A. Shvarts-
man.

RUSSIAN, rpt, Problems of Metallography and Metal
Physics, No 4, publ by State Sci and Techn, Publ
House for Ferrous and NF Literature, Moscow, 1955,
vp 616-620.

Brutcher Tr 3933
\$3.80

Sci - Min/Met

57,383

Jan 58

SAMARIN, A. M.
SHVARTSMAN, L. A.

Influence of Silicon upon Thermodynamic Behavior of
Carbon Dissolved in Solid and Liquid Iron.

IZVESTIYA AKADEMII NAUK SSSR, OTN, 1950, No 11,
pp 1696-1700; 2100 words.

Brutcher No 2706, § 4.20

A10283

The Use of Radioactive Tracers in Research on
Diffusion in Refractories, by L. A. Shvartsman,
et al.

RUSSIAN, per, Ogneupory, Vol XVII, 1952,
pp 465-.

DSIR LIU M.1142
(loan)
SLA 60-13946

Sci - Phys

Aug 60

122,548

SAMARIN, A. M.
SHVARTSMAN, L. A.

Influence of Carbon upon Activity of Sulfur
Dissolved in Liquid Iron.

IZVESTIYA AKADEMII NAUK SSSR, Otd. Tkh Nauk, 1951,
No 3, pp 407-10; 1850 words.

A-10284

Butcher No 2756, \$ 3.70

The Effect of the Basicity of Slag on the
Oxidation of Chromium Subgroup Elements
Dissolved in Liquid Iron, by N. N. Perevalov,
B. N. Mogutnov, L. I. Shvartsman, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 1,
1959, pp 150-152.

Consultants Bureau

118,950

Sci

Jun 60

Solubility of Carbon in α -Iron, by E. F. Petrova,
M. I. Lapshina, L. S. Shvartsman, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXIII, No 6,
1958, pp 1021-.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 4

Sol - Phys

Jul 59

91, 914

Thermal Analysis of Systems $\text{AlCl}_3\text{-NaCl}$ and
 $\text{AlCl}_3\text{-KCl}$, by U. I. Shvartsman, 5 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XIV, 1940,
pp 253-256.

AEC Tr-4347

Sci - Phys
May 61

150,341

(NY-5071)

The Pulse Method of Determining the Location of
Non-Paired Connections of Cable Strands, by V. O.
Shvartsman, 14 pp.

RUSSIAN, per, Vestnik Svyazi, No 2, 1958.

JPRS 5916

Sci

Apr 61

143, 288

Selection of the Twist Spacing for ~~EHF~~ Communication Cable Circuits, by V. O. Shvartsman,
14 pp.

RUSSIAN, per, Elektrosvyaz', No 11, 1960,
pp 54-61. 9672579

USASIA Tr 1209

Sci - Electron

168, 287

Sep 61

(DC-4454)

Location of a Lumped Disturbance Causing an
Unbalance of Communication Lines, by V. O.
Shvartsman, 6 pp.

RUSSIAN, per, Vestnik Svyazi, No 6, 1948,
pp 3, 4.

JPRS 6933

Sci

Jan 61

146,836

(NY-5085)

Technology of Trunk Symmetric ~~LINK~~ Cable
Links, by V. M. O. Shvartsman, 6 pp.

RUSSIAN, per, Vestnik Svyazi, No 4, 19⁵~~6~~7.

JPRS 7028

Sci
Jnn 61

156,679

(NY-52

Concentrated Balancing in the Expansion o
Cable Circuits from 60 to 108 Kilocycles,
by V. O. Shvartsman, K. B. Levinov, 17 pp.

RUSSIAN, per, Vestnik Svyazi, No 4, 1955.

JPRS 7087

Sci -
Jun 61

150,796

(NY-6445)

A Method for Conducting Joint Measurements of Loop
Noise on Aerial and Cable Communications Links,
by V. O. Shvartsman, 7 pp.

RUSSIAN, per, Vestnik Svyazi, No 4, 1961.

JPRS 9605

Sci

Aug 61

161,967

(NY 5326)

"Electrical Measurements on Long-Distance Cable
Links", by S. P. Parfenkov, G. L. Rukhovets,
V. N. Kuleshov, V. Z. Malyshev, V. O. Shvartsman,
12 pp.

RUSSIAN, per, Vestnik Svyazi, No 4, 1954.

JPRS 7108

Sci

Apr 61

146,731

XB (NY-52068)

Coaxial Cables, by V. O. Shvartsman, 8 pp.

RUSSIAN, per, Vestnik Svyazi, No 5, 1956.

JPRS 7068

13 Jul 61

(DC-4667)

Increasing the Shielding Between Simplex and
Side Circuits in Installed Low-Frequency Cables,
by Ye. V. Kirillov, V. O. Shvartsman, G. L.
Rukhovets, 12 pp.

RUSSIAN, per, Vestnik Svyazi, No 6, 1952,
pp 9-12.

JPRS 6984

146,777

Sci

Apr 61