

I Am Convinced, by D. I. Shcherbakov, *1 p.*

RUSSIAN, per, Znaniye-Sila, No 11, 1957,
p 35.

ATIC MCL-134/1

Sci

Dec 60

The 1928 Soviet German High Altitude Expedition
in the Pamirs, by N. P. Gorbunov, D. I. Shcherbakov,

RUSSIAN, per, Akademiya Nauk SSSR, Raminskaya
Ekspeditsiya 1928, Vol I, 1929, Parts I, II, III,
IV, pp 1-5; 5-13, 39-48, 55-56.

ACIC

sci - Geophys

221,491

Feb 63

Discoveries to be Made, by D. I. Shcherbakov, *et al.*
RUSSIAN, per, Znaniye-Sila, No 11, 1957, pp 27-28

ATIC MCL-184/1

Sci

Dec 60

Geological-Geophysical Section of the Pacific Congress,
Ninth Session, Bangkok, Thailand, by D. I. Shcherbakov,
6 pp

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geolog, No 8, 1958

Amer Geolog Inst

Sci-

124,410

Transactions of the Expedition Issue No I (16).
Reports, edited by D. I. Shcherbakov.

RUSSIAN, rpt, Pamirskaya Ekspeditsiya 1931 G
(Pamir Expedition 1931, 1933).

ACIC

USSR

Geog

Mar 62

188,033

Uranium Deposits in the USSR, Chapter II, Remarkable
Geological Phenomena of Our Country, by P. D.
Bublaynikov, D. I. Shestakov, 20 pp. UNCLASSIFIED

RUSSIAN, Trudyu-Muzya Zamechatel'nyye Geologicheskiye
Yevloniya Nashoy Strany, publ by Acad Sci USSR,
Moscow/Leningrad, 1941, pp 102 - 121.

Scientific - Geophysics

Economic

USSR

CEE-7

A-1100

CTS Jul 51

(2659-D)

Geological Science and the XXI Congress of the
GFSU, by D. I. Shcherbakov, 8 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Seriya Geologicheskaya,
No 1, Moscow, 1959, pp 3-8.

JPRS L-1541-D

Sci - Geophysics
Mar 59

83,144

8-5018

(2620-D).

Soviet Geology for 40 Years, by D. I. Shcherbakov, 8 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geol, No 11, 1957, pp 3-7.

REF ID: A65542
OJPRS L-1600-D

Sci - Geophys

Apr 59

84, 8/6

In the Heart of the Arctic, by D. I. Shcherbakov,
15 pp.

RUSSIAN, no per, Priroda, No 11, 1954, pp 73-84.
CIA V 1962, *D178082*

Def Sci Info Sv,
DRB, Canada,
T 171 R

Scientific - Geophysics

CTS 67/Apr 55

22,991

First Results of the High-Latitude Arctic Expedition of 1954, by D. I. Shecharbakov, 12 pp.

RUSSIAN, per, Vest Ak Nauk SSSR, No 9, 1954, pp 10-16. CIA D 151098

RT-2112
Air Res and *T-2112*
Dev Command

Scientific - Geophysics

AF644972
CIA D 136845
CTS 65/Feb 1955

21,271

Am. Sci. Ser. 1954

Across the Central Arctic. Travel Impress-
sions, by D. I. Shcherbakov, 9 pp.
UNCLASSIFIED

RUSSIAN, pp, Izvestiya, 27 Jul 1954, p 2.
CIA 605119

Amer Meteorol Soc for
Geophys Res Dir, ASTIA

Sci - Geophys

58,577

Feb 58

Immediate Problems of the Determination of the
Absolute Age of Central Asian Intrusions, by
D. I. Shcherbakov, 6 pp.

RUSSIAN, rpt., Session of the Commission on the
Determination of the Absolute Age of Geological
Formations (No 4) of the USSR Acad of Sci,
12-14 May 1955.

SLA 59-10530

Sci • Geophys
Sep 59
Vol 2, No 2

98, 021

Central Arctic, by Acad D. I. Shcherbakov, 6 pp.

RUSSIAN, no per, Nauka i Zhizn', No 9, USSR, 1954.

CIA D 197009,

CIA-D-300883

Def Sci Info Sv,
DRB, Canada,
T 186 R

29,365

200 100 100 100
Scientific - Geophysics
CTS 75/Dec 55

F. Yu. Loewinson-Lessing's Part in Developing
the Theory of Ore Deposits, by D. I. Shcherbakov,
4 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geolog,
No 3, 1961.

AGI

Sci

Jul 62

205,540

Conditions of Concentration of Heavy Minerals in
Marine Littoral Deposits, by F. A. Shcherbakov,
4 pp.

RUSSIAN, part, Dok Ak Nauk SSSR, Vol CXVIII, No 2,
1958, pp 384-386.

Consultants Bureau

Sci - Geophys

Jan 59

79,340

A Study of the Processes of Concentration of Heavy
Minerals in Connection With the Transformation of
Marine Coastal Deposits, by E. N. Nemovskiy,
P. A. Blizhenchikov, 4 p.

RUSSIAN, paper, Dokl Ak Nauk SSSR, Vol. 152, No. 1,
1958, pp 152-155.

CB

Sci
Feb 60

105,877

The Influence of Plastic Deformation on the
Structure and Properties of the Alloy Al-
by N. I. Varich, N. N. Belousov, G. I.
Shcherbakov, 8 pp.

RUSSIAN, per, Fiz Metal i Metallov, Vol. 6
No 6, 1960, pp 909-917.

PP

157, 120

Sci

Jun 61

The Volt-Ampere Characteristics of Field Emission
From CdS Single Crystals, by I. L. Sokol'skaya,
G. P. Shcherbakov, 6 pp.

RUSSIAN, per, Fiz Tverdogo Tela, ~~XXXXXXXX~~ Vol IV,
No 1, 1962, pp 44-51.

AIP
Sov Phys - Solid State
Vol IV, No 1

Sci
Sep 62

484
210,XXX

Experimental Investigation of the Energy Distribution of Field-Electrons from CdS Single Crystals, by G. P. Shsharbakov and I. L. Sokol'skaya - 8 pp.

RUSSIAN, per, Fiz Tverdogo Tela, Vol IV, No 12, 1962, pp. 3526-3536.

Amer Inst of Phys
Sov Phys - Solid State
Vol IV, No 12

Sci

Jun 63

342.678

Study of Strong Field Effects in Field-Emitting
Crystals of Cadmium Sulfide, by I. L. Sokol'skaya,
G. P. Shcherbakov, 6 pp.

RUSSIAN, per, Fiz Tverdogo Tela, Vol III, No 1,
1961, pp 167-175.

AIP
Sov Phys-Solid State
Vol III, No 1

Sci
Jul 61.

161,196

Processing of Influx Curves obtained by ... 99
A ... on ... by G. V. Shcherbakov,
... 1961, pp 41-46.
... 63-4813

G. V. Shcherbakov

Sci-
Apr 1971

Sci. 7.

Methods for Studying ...
by the Reducing Rate of the ...
Discontinuing Pumping from the ...
Shcherbakov,

MISSIAN, per, ...
pp 32-37.

Doc 4 Nov 56

41 21

27 21

USSR
Economic
Sci - Gen Engineering

Aug 56

Cathode Polarization in the Deposition of
Magnesium From Fused Carnallite, by B. Markov,
I. Shcherbakov, V. Kalitova, 27 pp.

RUSSIAN, no per, Zhur Fiz Khim, Vol XIII,
No 10, 1939, pp 1472-1482.

Sci Tr Center
FT-2183

Scientific - Chemistry
CTS 70/Jul 55

25, 226

An Experiment on the Transmigration of Young Flycatchers
(*Muscicapa Hypoleuca*), by I. D. Shcherbakov, 5 pp.

RUSSIAN, bk, Puti i Metody Ispol'zovaniya Ptits v
Bor'be s Vrednymi Nasekomyimi, 1956.

OTS 60-51168
FL-480

Sci - Eto

Apr 61

PST No 117

146,250

Requirements of the Flycatcher (*Muscicapa Hypoleuca*)
and the Great Titmouse as to Nesting Areas and
Artificial Nests, by I. D. Shcherbakov, 10 pp.

RUSSIAN, bk, Puti i Metody Ispol'zovaniya Ptits v
Bor'be s Vrednymi Nasekomyimi, 1956.

OTS 60-51168
PL-480

146,255

Sci - Bio

Apr 61

PST No 117

<p>Shcherbakov, I. G. and Yumaneva, L. V. THE THEORY OF HYDROLYSIS OF CHLORIDES: THE MINIMUM HYDROLYSIS OF MAGNESIUM CHLORIDE IN THE DRYING OF ITS HYDRATES, [1963] 25p. 12 refs. Order from OTS or SLA \$2.60 63-18109</p> <p>Trans. of Kalii (USSR) 1934, no. 8, p. 37-43.</p> <p>DESCRIPTORS: *Magnesium compounds, *Chlorides, Hydrolysis, Theory, *Hydrates, Dehydration.</p> <p>(Chemistry--Physical, TT, v. 10, no. 9)</p>	<p>63-18109</p> <p>I. Shcherbakov, I. G. II. Yumaneva, L. V. III. Title: Minimum ...</p> <p>Office of Technical Services</p>
--	--

Shcherbakov, I. G., Karpachev, S. V. and others.
THE ELECTROLYTIC EXTRACTION OF MAGNESIUM
FROM NATURAL CARNALLITE (RESULT OF
RESEARCHES 1930-31. Paper presented at Mendeleev
Convention (no. 6): [1963] 30p.
Order from OTS or SLA \$2.60

63-18303

Trans. of Kalii (USSR) 1963, v. 5, no. 10, p. 19-28.

DESCRIPTORS: *Material separation, *Electrolysis,
*Magnesium, Electrolytes, Additives, Feasibility
studies, *Carnallite.

(Chemistry--Physical, TT, v. 10, no. 11)

63-18303

I. Shcherbakov, I. G.
II. Karpachev, S. V.
III. Title: Mendeleev...

10, 11

Office of Technical Services

63-18301

Shcherbakov, I. G., Markov, B. F., and Azer'er, K. Ya.
THE ELECTROMOTIVE FORCE OF POLARIZATION IN THE ELECTROLYSIS OF FUSED CARNALLITE. II. INFLUENCE OF CERTAIN TECHNICAL ADMIXTURES IN CARNALLITE ON POLARIZATION. [1963] [10]p. 19 refs.
Order from OTS or SLA \$1.10 63-18301

I. Shcherbakov, I. G.
II. Markov, B. F.
III. Azer'er, K. Ya.
IV. Title: Influence...

Trans. of [Zhurnal Prikladnoi Khimii] (USSR) 1939, v. 12 [no. 7] p. 976-980.

00316

DESCRIPTORS: *Polarization, *Electric potential, Electrolysis, Electrolytes, Potassium compounds, Sulfates, Calcium compounds, Fluorides, Barium compounds, Chlorides, Tests, Measurement, *Carnallite

The objective was to follow the action of sulfur, $BaCl_2$ and CaF_2 admixtures, possessing significance under technical conditions, in the electrolyte on the cathode process. (Author)

(Chemistry--Physical, TT, v. 10, no. 11)
Office of Technical Services

The Cathode Process During the Formation of a
Diaphragm-Like Layer, by I. G. Stcherbakov, L. V.
Yumanova, 6 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XII, 1939, pp
826-830.

SLA/R-2459

Sci
Apr 59

84,901

<p>Shcherbakov, I. G. and Shcherbakov, A. A. SPRAY DRYING OF MAGNESIUM CHLORIDE SOLUTIONS. [1963] [19p] 6refs Order from OTS or SLA 51.60 63-18113</p> <p>Trans. of Kalii (USSR) 1935, v. 4, no. 9, p. 16-22.</p> <p>DESCRIPTORS: *Driers, *Magnesium compounds, *Chlorides, Solutions, Dehydration, Hydrolysis, Atomization.</p> <p>(Engineering--Chemical, TT, v. 10, no. 11)</p>	<p>63-18113</p> <p>I. Shcherbakov, I. G. II. Shcherbakov, A. A.</p> <p>4155</p> <p>Office of Technical Services</p>
---	---

On the Discharge of Alkali Metals in the
Electrolysis of Carnallite, by I. G. Shcherbakov,
L. V. Yumanova, 22 pp.

RUSSIAN, per, Kaliy, No 3, 1937, pp 16-23.

Sci. Tr Center
RT-2249

Scientific - Chemistry
CTS 70/Jul 55

25, 217

Mechanization and Automation of a Foundry Using Shell
Moulds, by I. K. L. Shcherbakov, 3 pp.

RUSSIAN, per, Lit ^{Proc} ~~Proc~~, No 2, 1962,

~~XXXX~~

BCIRA

Sci

Oct 62

214,127

Microbiological Determination of Folic Acid With
the Aid of Readily Available Media, by G. N.
Pershin, L. I. Shcherbakov, 8 pp.

RUSSIAN, per, Biokhimiya, Vol XVI, No 2, 1951,
pp 171-175.

SLA 60-10824

Sci

OTS, Vol III, No 6

Aug 60

126, 820

The Role of Carbon and Aluminium Silicate in
the Radical Polymerization of Olefines by Gaseous
Boron Trifluoride, by Y. M. Pauskin,
L. I. Shcherbakov,

RUSSIAN, thirce-no per, Dok Ak Nauk SSSR,
Vol XC, No 5, 1953, pp 795-797.

2. 11, 1953
Co-op Tr Sch No 90
L1.12s. (4s.01.)

Scientific .. Chemistry, ~~New York~~

18,835

The Homogeneous Formation of Nuclei During Vapor
Condensation and the Absolute (Limiting) Critical
Supersaturation, by L. M. Shcherbakov, P. P.
Ryazantsev, N. P. Phillipova, 6 pp.

RUSSIAN, per, Kolloid Zhur, Vol XXIII, No 3,
1961, pp. 338-344

CB

187,859

Sci
Mar 67

Thermodynamics of Thin Liquid Layers, by L. I.
Shcherbakov, 6 pp.

RUSSIAN, per, Kolloid Zhur, Vol XXII, No 1, 1960,
pp 111-116.

CB

Sci

May 61

153,302

Effect of Surface Forces on Phase Equilibria of
Polymolecular Layers and on Contact Angle, by B. N.
Deryagin, L. M. Shcherbakov. 11 pp.

RUSSIAN, per Kolloid Zhur,
Vol. XXIII, No.1, 1961, pp. 40-52

CEJ

192,218

Sci.

Mar 62

Surface Tension of Drops of Small Dimensions, by
L. M. Shcherbakov, 4 pp.

RUSSIAN, ^{of} bimol, Kolloid Zhur, Vol XIV, No 5,
(Sep-Oct), 1952, pp 379-382.

Consultants Bureau

9911

Scientific - Chemistry

Mar 54

CIS/DEX

Directorate of Specialized Operations
Specialized Operations, by V. Aganov, N. Shcher-
binin, 5 pp.
MOSCOW, 24 Nov 1984, 2 p.
JPRS 84044

p 1
M. Shcherbinin

LINE
PAGE
NO. 00

716,000

N. SHCHERBAKOV

A COMPANY PASSES THROUGH A ZONE OF RADIO-
ACTIVE CONTAMINATION, 3 PP.

RUSSIAN, PER, VOYENNY VESTNIK, NO 2, 1962.

ACSI 1-0424-B
ID 2191530

SCI

13 JUL 62

202,580

Progress of Geological Studies at the
Academy of Sciences of the USSR, by D. I.
Shcherbakov, 6pp.
RUSSIAN, per, Izvestiya Akademiiya Nauk,
Vol 27, 1962, No 9, pp 3-11.

D. I. Shcherbakov
33, 16

Sci - Earth Sciences
Apr 67

(DC-1098)

The Use of Pentoxyl and Nucleinate During Leukopenia
of a Radiation Origin, by N. V. Butomo, N. I.
Shcherbakov, 4 pp. UNCLASSIFIED

RUSSIAN, no per, Voenno-Med Zhur, No 5, Moscow,
May 1957, pp 12-14.

US JPRS/DC-L-273

Sci - Medicine

63,444

The Effects of Alloying Elements on the Properties
of 18G2 Steel When Exposed to Welding Cycles,
by A. S. Astaf'yev, O. B. Shcherbakov, 5 pp.
RUSSIAN, per, Avtomat Svarka, No 3, 1964,
pp 32-37.

BWRA

S. 1
Oct 64

268,145

S-437/60

(RI-4253)

Direct-Current Computer Power Sources, by
O. K. Shcherbakov, 27 pp.

RUSSIAN, pamphlet, Elektronnye Vychislitel'nye
Mashiny, 1959, 20 pp.

JPRS 5783

Sci - Electron

Nov 60

133,443

On Evaluation of Random in Digital
Computers, by O. V. Shcherbakov, 8 pp.
RUSSIAN, per, Iz Ak Nauk SSSR, Otdel
Tekh Nauk, Tekh Kibernet, No 3,
May, Jun 1964, pp 72-76.

JPRS: 26336

Sci
Oct 64

267,753

Electrochemical Behavior of Shipbuilding Steel in
Flowing Sea Water, by L. A. Suprun, P. S. Shcherbako
5 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXV, No 5.
1962, pp 1071-1076.

CB

Sci

Apr 63

233,691

A TOURIST HANDBOOK AND GUIDE FOR THE MOUNTAINS
OF JAPANESE INTEREST, BY Y. (MITSUO) I.
SUGIMOTO, 26 PP.

RUSSIAN, ET, TOURIST V KAMPAN, 1962, 175 PP.

JRS 1963

REF
ECON
JUN 63

231,840

Model Ruler for Indicating Traces of Radio-
Active Contamination, by V. Shcherbakov,

RUSSIAN, per, Voyenny Vestnik, No 2,
1962.

ACSI I-0424-I
ID 2191530

Sci

Jan 63

220,520

Certain Problems Relating to the Finances
of Soviet Trade, by A. Gofman, V. Shcherbakov,
9 pp.
RUSSIAN, per, Finansy SSSR, No 12, 1963,
pp 14-20.
JPRS 24925

USSR
Econ
Jun 64

261,684

Certain Questions in Financing Soviet Trade,
by G. Gofman, V. Shcherbakov, 10 pp.
RUSSIAN, per, Finansy SSSR, No 12, 1963,
pp 14-20.
JPRS 25285

2

USSR
Econ
Jul 1964

262,688

SAFETY OF COSMIC ROUTES, BY V. SHCHERSAKOV,
7 PP.

RUSSIAN, PER, TISH MOLODEZHI, NO 12, 1961,
RECEIVED PP 12-13. ~~XXXXXXXX~~ 9678048

FTD-TT-62-829

SCI - SPACE RES
SEP 62

209,692

71
Automatic Weight-Control Setup of the IVA
Type, by V. A. Shekhtalov and V. A. Piskunov.
MIRIAM, ser, Applied Engineering, Vol 12, No
2, 1966, pp 62-63.
Dept of Interior
Fish and Wildlife Service
BET, Bureau of Foreign Fisheries

Sci-Mech
Oct 67

343,195

Planning in Scientific Research Institutes
and Design Offices, by P. B. Shoshala,
V. A. Shcherbakov, 5
RUSSIAN, bk, Planirovanie v Nauchno-Izdatel-
stvo "Mashinostroenie", 1964, 169 pp.
N.L. R. 35241

EXISA
ECON
June 66

301,457

The Feasibility of an Aluminum Bath Electrolyte Con-
taining Sodium Chloride and Magnesium Fluoride, 43
by V. A. Sacherbakov.
RUSSIAN, per, Izv VUZ Tsvet Met., Vol 7, No 5,
1966, pp 66-70.
ATS RI-5099

V. A. SACHERBAKOV

Sci-Chem
July 69

385,491

Methods of Increasing Copper Extraction at
the Almalyk Concentration Plant
By R. B. Novin, V. A. Shcherbakov pp 5

RUSSIAN, per; Tsvetnye Metally, Vol III, No 5,
1962, pp. 11-17.

PS

Sci

Sep 63

344,878

Low-Alloy Steels Melted in 500-Ton Open-Hearth
Furnaces, by E. V. Abrosimov, V. A. Shcherbakov,
M. P. Sabyev, 4 pp.

RUSSIAN, per, Stal, No 6, 1961, pp 499-504.

BISI

Sci

170,003

Sep 61

Proton Relaxation in Aqueous Solutions of Diamagnetic Salts. I. Solutions of Nitrates of Elements in the Second Group of the Periodic System, by V. M. Vdovenko, V. A. Shcherbakov, 7 pp.

RUSSIAN, per, Zhur Strukturnoy Khim, Vol I, No 1, 1960, pp 28-35.

CB

Sci
Jul 61

157,547

Proton Relaxation in Aqueous Solutions of Diamagnetic Salts. II. Alkali Metal Cations and Halide Anions, by V. I. Vdovenko, V. A. Shcherbakov, 3 pp.

RUSSIAN, per, Zhur Strukturnoy Khim, Vol I, No 1, 1960, pp 122-123.

CB

Sci
Jul 61

157, 536

(NY-5103)

A Machine for Mechanization of Cable-Line Work,
A. S. Vazetdinov, V. D. Shcherbakov, 7 pp.

RUSSIAN, par, Vestnik Svyazi, No 9, 1960.

JPRS 5920

Sci

147,520

Apr 61

Determination of Small Amounts of Sulfur in
Tungsten and Molybdenum, by Yu. N. Yurkevich,
V. G. Shcherbakov, 3 pp.

RUSSIAN, per, Zhur Anal Khim, Vol XVI,
No 5, 1961, pp 617-619.

CB

Sci

Jul 62

202,653

Determination of Titanium, Tantalum, and
Niobium in Carbide Mixtures, by V. G. Shcher-
bakov, Z. K. Stegendo, ~~7 pp~~ 2 pp

RUSSIAN, per, Zavod Lab, Vol XXVI, No 2, 1960,
pp ~~139-141~~ 139-141

ISA

140, 8.71

Sci-

Analysis of Titanium, Chromium and Zirconium
Borides, by V. G. Shcherbakov, R. M. Veytsman,
et al, 10 pp.

RUSSIAN, bk, Trudy Ak Nauk Ukrayin RSR, Inst
Metall i Spetsialnykh Splavov. Seminar po
Zharostoykim Materialam, No 6, 1961. 9683117

FTD-TT-62-1825

Sci-Chem
Jun 63

232,469

Design of Pneumatic Systems with Pilot Valve
Sequencing

By V. I. Shcherbakov, 7 pp.

RUSSIAN, per, Stanki i Instrument, No 5, 1962, p3-8

PERA

Sci

Aug 63

342,479

Universal Pneumatic Control Circuits, by V. I.
Shcherbakov, L. M. Pomerantsev, 6 pp.

RUSSIAN, per, Stanki I Instrument, Vol XXXIII,
No 2, 1962, pp 5-10.

PERA

Sci

214,004

Oct 62

Design of Pneumatic Computing-Storage Systems,
by L. M. Pomerantsev, V. I. Shcherbakov, 4 pp.

RUSSIAN, per, Stanki i Instrument, Vol. XXXII,
No 7, 1961, pp 4-6.

PERA

Sci
11 Jun 62

198,661

POWERFUL AC ELECTRIC POWER TRANSMISSION LINES
FOR DISTANCES OF 1,000-3,000 KM, BY
V. K. SHCHERBACHOV, 16 PP.

RUSSIAN, PER, IZ SIBIRSKOGO OTDELENIYA AN
NAUK SSSR, NO 10, 1962, PP 51-59.

JPRS 17873

SCI - ELECTRICITY

MAR 63

224,137

Heat Transfer Through a Wall with Longitudinal Ribs
in Conditions of Large Thermal Flows and of Surface
Boiling, by V. K. Shokertakov.
RUSSIAN, DOX. IZV VUZ (chem), No 8, 1962, pp 78-86.
NII Ref: 3774.5 (1551)

V. K. Shokertakov

Sci-Phys
Aug 68

363,635

by V. I. ...
Features of Heat Transfer Through a Wall With
Longitudinal Fins at High Heat Fluxes, 11 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Energetika,
No 9, Sep 1961, pp 76-82. 9576733

FED-IT-62-139

Sci - Phys, Engr

23 May 62

196,492

Shcherbakov, V. K.
LONG-RANGE TRANSMISSION OF ELECTRICITY
OVER LINES TUNED TO THE HALF-WAVE. [1961]
[12]p. 13 refs. [DSIR I.L.U] M. 2379.
Order from LC or SLA ml\$2. 40, ph\$3. 30 61-15499

Trans. of [Akademiya Nauk SSSR, Sibirskoye
Otdeleniye: Izvestiya] 1959, no. 7, pp. 1-15

For main line power transmission lines using ac over
distances of the order of 2,500 km. lines tuned to half-
wave length must be considered as offering the better
prospects. (Author)

(Engineering--Electrical, TT, v. 5, no. 12)

61-15499

- I. Transmission lines
Development
- I. Shcherbakov, V. K.
- II. DSIR I.L.U. M. 2379

Office of Technical Services

Conference on Polyploidy in Plants, by V. K.
Shcherbakov.

RUSSIAN, per, Iz Ak Nauk SSSR. Ser Biol, Vol XXIV,
No 1, Jan/Feb 1959, pp 151-154. CIA 9040612

USSR

Sci - Biology
Jul 59

90,987

Transmission of Electrical Energy at Distances
of 1500-3000km, by V. K. Shcherbakov.
RUSSIAN, per, Trudy Transportno-Energeticheskogo
Instituta, Novosibirsk, Izd-vo Sibirskogo
Otdeleniya AN SSSR, Vol 16, 1963, 141 pp.
*CSFII TT 68-50378

V K S H C H E R B A K O V

Sci/Alec
Feb 68

74

Transmission of Alternating Electrical Current
at Distances of 1500-2000km, by V. K. Shcherbakov.
RUSSIAN, per. Trudy Sibirskogo Nauchno-
Issledovatel'skogo Instituta Energetiki,
Novosibirsk. Redaktsionno-Izdatel'skii Otdel
Sibirskogo Otdeleniya AN SSSR, Vol 1, No 20,
1964, 174 p.
*CEFTI IT 68-50379

V K S H

Sci/Elec
Feb 68

Individual Shielding During Maintenance Operations
Under Conditions of Radioactive Contamination, by
S. M. Gorodinsky, V. L. Shcherbakov, 8 pp.

RUSSIAN, per, Atomnaya Energiya, Vol III, No 8,
1957, pp 141-148.

Consultants Bureau

Sci - Nuc Phys

Jun 58

65,019

Radiographic Investigation of the Changes in Structure and Relative Position of Separate Grains in Testpieces of Low Alloy Iron in the Process of Deformation by Normal Tension, by V. N. Shcherbakov, L. M. Nagovitsyna, I. S. Osipov, 5 pp

RUSSIAN, per, Fiz Metal i Metallurg, Vol IX, No 4, 1960, pp 510-514

PIP

15,013

Sci
May 61

X-Ray Investigation of the Secondary Structure of
Crystallites in Recrystallized Metals, by V. N.
Shcherbakov, 1 p.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XX,
No 6, 1956, pp 650.

Columbia Tech

Sci - Physics
Jul 57

49,805

(DC-6939)

SECRETION OF PANCREATIC ENZYMES AT HIGH
TEMPERATURE IN RESPONSE TO VARIOUS FOOD
STIMULANTS, BY YU. A. SHCHERBAKOV, 9 PP.

RUSSIAN, PER, VOPROSY PITANIYA, VOL XXI, NO 3,
MAY/JUN 1962, PP 61-66.

JPRS 14836

SCI - CHEM

AUG 62

207,102

SHCHERBAKOV, V.

ZAVODSKAYA LABORATORIYA, vol 8, 1939

Determination of Cobalt and Nickel in Green and Sintered Tungsten Carbide Base Compacts

Butcher Tr 1317, \$2.30

S. ICHERBAKOV, V. E.
KHOLCHEVA, T. S.

Zavodskaya Laboratoriya, vol. 9, 1 figure, 7
tables, 3000 words; 1940.

Potentiometric Determination of Boron in Depleted
Carbide Compositions.

Brutcher Trans, Order No. 1687, 4.50

21. 5/

Tuned Power Transmission Lines, by
V. K. Shcherbakov, 16 pp.
RUSSIAN, per, Elektrichestvo, No 8, 1961,
pp 25-30.
CIA/FED IX-1747
NO FOREIGN DISSEM

Sci
Aug 65
USIS Internal Use Only

287,614

About Optimum Magnetohydrodynamic Generators,
by I. I. Shakhnov, V. T. Shcherbakov.
RUSSIAN, per, Magnitnaya Gidrodinamika,
No 4, 1956, pp 49-54.
FTD-S-259

V. T. Shcherbakov

Jan 69

374,168

Diffusion Chamber Study of Negative Pion Scattering
in Hydrogen, by M. Kozodayev, R. Suliyev, A. Filippov,
Yu. Shecherbakov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol CVII,
No 2, pp 236-

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 2

Sci - Phys

51, 648

Aug 57

Diffusion of Hydrogen Through Iron and Binary Iron-Chromium and Iron-Nickel Alloys at High Pressures and Temperatures, by A. A. Shcherbakova, 10 pp.

RUSSIAN, no per, Zhur Prik Khim SSSR, Vol XXIX, No 6, Jun 1956, pp 879-885.

A. A. Shcherbakova
Consultants Bureau

Sci - Chemistry
May 57

47,164

Distribution of Maximum Ten Day Depths of Snow
Cover of Various Precipitations on the European
Territory of the USSR, by V.J. Ligorstaya and
E.Ya. Sheherbakova.

ИЗВЕСТИЯ, part, Снег (снежный покров), 1963,
no. 14, pp. 30-37.

ASU

E. Ya. Sheherbakova

IS/Astron
Aug 66

7
308,6:2

Stability of Aspergillus under the influence
of ultraviolet light, by E. Ya. Gerasimova, 1968.

Trudy, 1968, Mikrobiologiya, Vol. XXXII, No 1, 1968.
1-18-68.

68

295 994

Geochemical Relation Between Gold Mineralization
Intrusives, and the Enclosing Rocks in
Western Siberia, by Yu. G. Shcherbakov,
G. A. Perezhgin, 9 pp.

RUSSIAN, per, Geokhimiya, No 9, 1963.

Scripta Technica

Sci
May 64

258,726

The Adsorption Properties of Silica Gel as Influenced
by a Chemical Modification of Its Surface, by K. D.
Shchertakova, et al.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXI,
NO 4, 1956, pp 855-858.

Co-op Tr Sch Tr 434

Sci - Chemistry
Mar 58

59, 337

Regarding the Nature of the Tuberculostatic
Activity of p-Aminosalicylic Acid Derivatives,
by L. I. Shecherbakova, 9 pp.

RUSSIAN, per, Farmakol i Toksikol, Vol XXII,
No 1, 1959, pp 80-88.

Consultants Bureau

Sci

Mar 60

110,619

The Effect of Salicylic and Para-aminosalicylic
Acids on the Synthesis of Para-aminohippuric
Acid by Rat Liver Slices, by G. E. Fershin, L. I.
Sheherbatova, 3 pp.

RUSSIAN, per, Biokhim, Vol XXIII, No 3, 1958,
pp 344-346.

Consultants Bureau

Sci - Chem. Biol

Mar 59

83,523

Determination of Active Hydrogen by Grignard's
Reagent in an Atmosphere of Carbon Dioxide,
by A. P. Terent'ev, K. D. Shcherbakova

Full translation.

RUSSIAN, per, Zhur Obshch Khim, Vol X, 1940,
pp 2041-2046.

AEC Tr 1608

Scientific - Chemistry Jun 53 CTS/DEX

3087

Adsorption Properties of Montmorillonite Clays, *by*
B. P. Bering, V. P. Dreving, A. V. Kiselev,
V. V. Serpinsky, M. D. Surova, K. D. Shcherbakova,
10 pp.

RUSSIAN, ^{per} *hmo*, Kolloid Zhur, Vol XIV, No 6,
(Nov - Dec), 1952, pp 399-407.

Consultants Bureau

Scientific - Chemistry

Mar 54

9929

CIS/DEX