

Responsibility for the Entrusted Work Must be  
Increased, by G. N. Shakhnabatyan, 6 pp.

RUSSIAN, per, Vestnik Svyazi, No 2, 1964.

JPRS 24760

Sci  
May 64

260,057

47  
More Attention Must Be Given to the Radio-  
fication of Rural Areas, by G. H. ~~Shakhr~~  
~~batyev~~, 5 pp.  
USSR, per, Vostoik svyazi, Vol XIV, No 6,  
pp 85-89.  
JPRS 31568

USSR  
Electronics  
Aug 65

266,800

(NY-5082)

Experience-Sharing in Teaching the  
Rules for Accident Prevention, by  
G. n. Shakhmatyan; 5 pp.

RUSSIAN, per, Vestnik Svyazi, No 12,  
1958.

JPRS 7017

174,907

Sci  
Nov 61

Apr 61

(HY-4654)

Implanting of Progressive Operational Methods in  
Urban Wire-Broadcast Networks, by N. N. Gumanbatyan  
8 pp.

RUSSIAN, per, Vestnik Svyazi, No 6, 1959.

JPRS 5991

147,534

Sci

Apr 61

Determination of the Safe Depression in Plug-  
Forming Strata, by A. A. Shakhnazarov.

RUSSIAN, per, Neft Khoz, Vol XI IV, 1957, pp 35-37.

Tech and Com  
\$25.00

Sci - Engr

Apr 58

61, 456

(NY-4849)

Interbranch Transport by Container, by G. G.  
Shakh-Nazarov, 13 pp.

RUSSIAN, per, Vestnik Svyazi, No 1, 1959.

JPRS 5994

Sci

Mar 61

142,264

~~Shakhmurov, G. M.~~  
DETERMINATION OF WEIGHT OF ORGANS AND  
TISSUES OF LIVING ANIMALS. [1963] [8p] 4refs  
PAC Mis no. : 5634-2.  
Order from OTE, SLA, or ETC \$1.10 TT-64-13832

Trudy. of Akademiya Nauk SSSR. Investiya. Seriya  
Biologicheskaya, 1963 [v. 29] no. 2, p. 454-459.

DESCRIPTORS: Tissues (Biology). \*Body weight.  
Mathematical analysis, Skeleton, Heart, Liver

(Biological Sciences--Anatomy, TT, v. 11, no. 6)

TT-64-13832

- I. Shakhmurov, G. M.
- II. FASES-S-684-3
- III. Federation of American  
Societies for Experi-  
mental Biology,  
Washington, D. C.
- IV. Scripta Technica, Inc.,  
Washington, D. C.

1073800  
Office of Technical Services

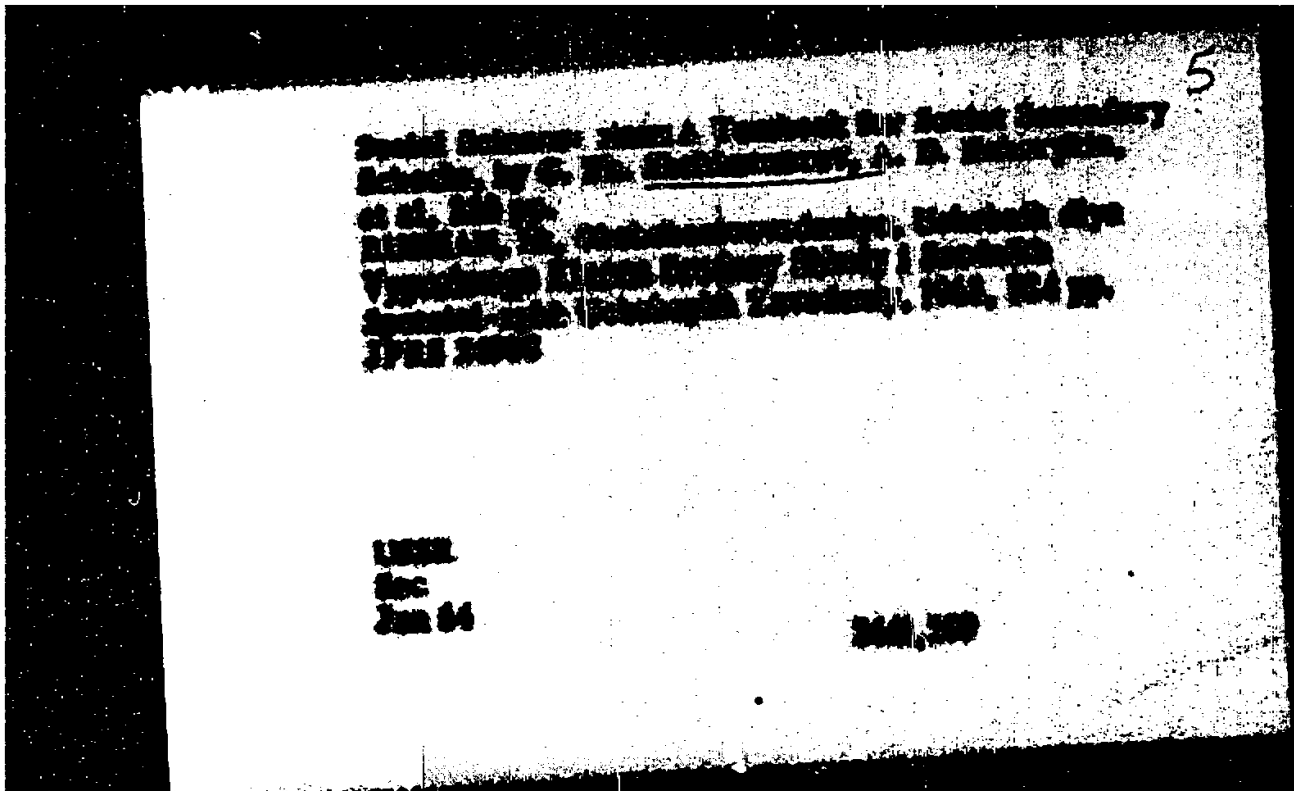
A Definition of Soviet "Democracy", by G. 9  
Shakhnazarov, 5 pp,  
RUSSIAN, np, Izvestiya, 19 Dec 1961,  
JPRS 35628

G. SHAKHNAZAROV

USSR  
Pol  
Jun 66

301,659





(NY-5075)

Introducing Mechanization in the Post-  
Transportation Station of the Moscow RR  
Junction, by G. G. Shakh-Nazarov, 10 pp.

RUSSIAN, per, Vestnik Svyazi, No 6,  
1958.

JPRS 7011

174,967

Sci  
Nov 61

Shakhazarov, G. M.  
THE EFFECT OF IMPROVED NUTRITION IN THE  
STIMULATION OF THE DEVELOPMENT PROCESS  
IN EARLY RABBIT EMBRYOS. [1962] [32]p. 22 refs.  
FASEB manuscript no. S 161-2.  
Order from OTS or SLA \$3.60

63-19003

Trans. of Akademiya Nauk SSSR Izvestiya, Seriya  
Biologicheskaya, 1962 [v. 27] no. 2, p. 260-270.

DESCRIPTORS: \*Nutrition, \*Rabbits, \*Embryos,  
Stimulation, Growth, Morphology.

Female rabbits were fed diets high in protein and  
vitamins to stimulate their metabolic processes in  
order to alter early embryonic development. The de-  
velopmental level of individual embryos was evaluated  
numerically. The more differentiated portions  
(Biological Sciences--Pathology, TT, v. 10, no. 6)  
(over)

63-19003

- I. Shakhazarov, G. M.
- II. FASEB S-161-2
- III. Federation of American  
Societies for Experi-  
mental Biology,  
Washington, D. C.
- IV. Scripta Technica, Inc.,  
Washington, D. C.

1244701

Office of Technical Services

(NY-4857)

Container Mail Deliveries in the German  
Democratic Republic, by G. G. Shakh-Nazarov, 7 M

RUSSIAN, per, Vestnik Svyazi, No 9, 1959.

JPRS 7004

Sci

Jan 61

136,919

Some Remarks on the Article Entitled, "Fundamentals  
of Non-Ferrous Metallurgy Furance Development," by  
A. K. Shakhnazarov, ~~XXXX~~ 3 pp.

RUSSIAN, per, Tsvetnye Metally, Vol II, No 7, 1961,  
pp 41-42

PS

Sci

Oct 62

214,211

(DC-1875)

A POPULAR BOOK ON THE SOVIET FAMILY, BY  
G. SHAKHNAZAROV, 4 PP.

---

RUSSIAN, PER, KOMMUNIST, NO 10, 1962, PP 124, 125.

JPRS 14728

USSR  
SOC  
AUG 62

5  
204,995

Mechanization and Automation of Production Processes  
at the Mail Transport Departments of Moscow Center,  
by G. G. Shakh-Nazarov, 6 pp.  
RUSSIAN, per, Vest Svyazi, No 12, 1963, pp 17-19.

JPRS 23488

Sci  
" Mar 64

252,653

Investigation and Automation of Production Processes  
at the 1941 Transport Department of Moscow Union,  
by G. G. Shchegolev, 2 pp.  
USSRIAN, per, West Soviet, No 11, 1961, pp 17-19.

JUNE 20 1961

Sci  
Miz 64

202,619



Comparison of the Effects of Isoniazid Derivatives on  
the Development of Young Animals on a Diet Deficient in  
Vitamin B<sub>6</sub>, by L. I. Gubannik, I. M. Soboleva and  
N. G. Shakhnarova, 5 pp.

RUSSIAN, per, Byul' Eksp'er Biol i Med, Vol XIV, No 5,  
1958, pp 45-49.

Consultants Bureau

Sci - Med

Feb 59

80,423

Histochemical Investigations of the  
"Kul'chitskiy Cells" in the Gastrointestinal  
Tract of Experimental Animals, by A. I.  
Yakovleva, N. G. Shakhmurova, 5 pp.

RUSSIAN, per, Byul Eksp Biol i Med,  
Vol XLVIII, No 8, 1959, pp 107-109.

Consultants Bureau

Sci

Mar 60

111, 362

Vitamin C Content of Laboratory Animals as Shown by  
Histochemical Methods, by A. I. Yakovleva, N. G.  
Shakhmurova, 4 pp.

RUSSIAN, Izv. Akad. Nauk SSSR Biol. i Med. Ser., Vol XLIV,  
No 9, 1957, pp 114-116.

Consultants Bureau

Sci - Medicine  
Jul 58

66,265

Influence of Aminazine on the Contents of Vitamin C  
in the Organs of White Rats, by A. I. Yakovleva,  
N. G. Shakhmazarova, 3 pp.

RUSSIAN, per, *Farmakol i Toksikol*, Vol XX, No 3, 1957,  
pp 52-54.

Consultants Bureau

Sci - Med

Apr 58

62,375

Synthesis of  $\gamma$ -Carboxybutyrolactones. I. Oxidation  
of  $\alpha$ -Substituted  $\gamma$ -Chlorallylacetic Acids by Hydrogen  
Peroxide in Acetic Anhydride, by M. T. Dangyan,  
G. M. Shakhnazaryan, \* pp.

RUSSIAN, per, 2 ur Obshch Khim, Vol XXXI, No 5  
1961, pp ~~1636-1643~~

1643-1647

CB

191, 973

Sci  
Mar 62

Rapid Reduction Method for Determination of Total  
Sulfur in Coals and Coke, by A. P. Shakhno.

RUSSIAN, per, Zavod Lab, Vol X, No 3, 1941,  
pp 313, 314.

HB 2320  
Dept of Interior  
Bu of Mines  
Central Exper Sta  
Pittsburgh, Pa.  
Tr 558

Sci - Chem

Dec 59

103,043

On the Beta Modification of Spodumene, by V. E.  
Plyushchev, Yu. P. Simanov, I. V. Shakhno,  
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXV, No 2,  
1959; pp 334-336.

Consultants Bureau

Sci

Jun 60

119,523

On the Question of the Monotropic Transformation  
of Spodumene, by G. G. Urazov, V. E. Plyushchev,  
I. V. Shakhno, 4pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII, No 2, 1957  
pp 361-363.

Consultants Bureau

Sci - Chem  
Aug 58

69,077



Investigation of the Interaction of the Chlorides  
of the Alkali and the Alkaline Earth Elements in  
Melts. III. The Ternary System Sodium Chloride-  
Cesium Chloride-Calcium Chloride, by V. Z. Plyush-  
chev, I. V. Shakhno and S. A. Pozhitkova, 4 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXV,  
No 6, 1955, pp 1072-1075.

Consultants Bureau

Scientific - Chemistry

41, 326

Reactions of Alkali and Alkali Earth Chlorides in  
Melts. I. Ternary System of Sodium, Rubidium and  
Calcium Chlorides, by V. E. Plyushchev, F. V.  
Kovalev, I. V. Shakhno, 6 pp:

RUSSIAN, no per, Zhur Obshch Khim, Vol XXV, No 5,  
1955, pp 855-859.

Consultants Bureau

Scientific - Chemistry

41, 312

Rubidium and Cesium, Fields of Use and Methods  
of Production, by V. E. Plyushchev, I. V.  
Shalno, 10 pp.

RUSSIAN, per, Khim Nauk i Prom, Vol I, No 5,  
1956, pp 534-539.

Assoc Tech Sv 81J16R

Sci  
Aug 58

70, 847

Investigation of the Interaction of Minerals  
Containing Alkali Elements With Salts and  
Oxides in Sintering and Melting Processes. II.  
Thermographical Investigation of the Interaction  
Process of Pollucite With Calcium Oxide and  
Calcium Chloride, by V. Ye. Plyushchev, I. V.  
Shakhno.

RUSSIAN, per, Iz Vyssh Ucheb Zaved, Khim i Khim  
Tekhnol, Vol II, No 4, 1959, pp 582-588.

Dept of Interior  
TN7, E57, No 329

SCI - Chemistry  
Oct 60

128,662

The Gravimetric Determination of Lithium, by V. N.  
Plyusheev, I. V. Shalimo, 7 pp. UNCLASSIFIED

Full translation. SHAKHO

RUSSIAN, nine per, Zhur Anal Khim, Vol VIII,  
No 5, 1953, pp 293-298.

Scientific - Chemistry Consultants Bureau  
Sep 54 CTS/DEX

18,595

59  
Flow of a Non-Adiabatic Supersonic Flow  
of an Ideal Gas Around a Flat Plate, by  
I. F. Shakhnov, 10 pp.  
RUSSIAN, por, Iz Ak Nauk SSSR, Mekh i  
Mash, No 4, 1964, pp 154-157. 9699029  
FIT-TT-65-1122

I. F. Shakhnov

Sci - Engr  
Jan 66

294,732

Use of the Small Perturbations Method to  
Calculate Nonadiabatic Flow Around a Flat  
Plate Using a Supersonic Flow of Ideal Gas,  
by I. F. Shakhnov, 8 pp.

*by Dr. N. S. Koshlyakov, Keldysh Institute*  
RUSSIAN, per, Mekh i Mash, No 6, 1961,  
pp 37-41. 9683154

FTD-TT-63-165

232,476

Sci-Phys  
M Jun 63

120  
Flow of a Non-Adiabatic Supersonic Flow  
of an Ideal Gas Around a Flat Plate,  
by I. F. Shakhov.  
DOKLADY AKADEMII NAUK SSSR, Seriya Fiziko-Matematicheskie Nauki,  
No 4, 1964, pp 154-157.  
\*FTI-71-65-1122

*I. F. Shakhov*

Jul-65  
sci-Phys



37  
The Spiral Motion of an Electrically Conductive  
Gas Between Coaxial Permeable Cylinders in  
the Presence of a Longitudinal Magnetic Field,  
by I. B. Chekmarev, I. I. Shakhnev, 7 pp.  
RUSSIAN, per, Zhuk Prikl Math i Tekh Fiz, No 6,  
1969, pp 3-6. 9228945  
NASA TT F-240

Sci-Phys  
Oct 64

267,827

Methods for Investigating Colour Vision in  
Animals, by A. R. Shakhovich, 7 pp.

RUSSIAN, per, Biofiz, Vol. IV, No 3, 1959,  
pp 369-371.

Pergamon Press

Sci

Apr 60

113,718

Ocular Movements and Their Relation to Brain  
Lesions, by A. R. Shakhnovich, 10 pp.

RUSSIAN, per, Priroda, No 9, 1964,  
pp 90-95.

JPRS 27576

Sci-Biol&Med  
Jan 65

272,050

Pupillographic Method In the Study of the Act  
of Convergence, by A. Ya. Samoilov, O. N.  
Sokolova, A. R. Shekhnovich, 7 pp.

RUSSIAN, per, Biofiz, Vol VI, No 1, 1961.

PP

Sci

182, 735

Jan 62

S-5243

(NY-2660).

Specific Orientative and Protective Pupillary Reactions, by A. Ya. Semylov, A. R. Shakhovich, 9 pp.

RUSSIAN, per, Vest Ak Med Nauk SSSR, No 4, 1959, pp 36-44.

JPRS-L-890-H

Sci - Med, Neurophysiology  
Aug 59

94,703

Principle of Pupil Scanning, by A. R. Shakhovich,  
4 pp.

RUSSIAN, per, Biofiz, Vol V, No 4, 1960,  
pp 493-496.

PP

Sci

May 61

151,094

An Apparatus for Automatic Photo-Recording from  
Cine-Film of Pupillary Reaction Curves and Move-  
ments of the Eye, by A. R. Shakhovich, 6 pp.

RUSSIAN, per, Biofizika, Vol III, No 2, 1958, pp  
248-251.

Pergamon Inst

Sci - Med  
Feb 59

81,676

87  
Aging of Solid Insulating Materials Under  
the Influence of Oxidation Products of  
Transformer Oil, by M. I. Shakhovich, R. A.  
Lipshits, 30 pp.

~~RUSSIAN, per, Vestnik Elektromekhaniki,~~  
Vol 11, No 12, 1962, pp 25-31. 19111967  
AEC ARES Tr-42

M. I. Shakhovich

326,467

Sci - Materials  
June 67



Effect of Solid Insulating Materials on  
Transformer Oil in the Absence of Oxygen, by  
M. I. Zhukovskii, et al.

Originally, per, Vest Elektrom, Vol XXIV, No 6,  
1980, pp 41-44.

DEIR LLI M. 1990

113, 291

Cinematographic Examination of the Reactions of the  
Pupils to Convergence, by V. R. Shakhovich, 3 pp.

RUSSIAN, per, Fiz Zhur SSSR in I. M. Sechenova, Vol  
XLIV, No 2, 1958, pp 170-172.

Pergamon Inst

Sci - Med

Jan 59

80,330

Cinematographic Recording of Visual Reflexes and  
its Diagnostic Significance, by V. R. Shakhnovich,  
4 pp.

RUSSIAN, per, Byul Eksper Biol i Med, Vol ~~7~~ XLIII,  
No 7, 1957, pp 105-107.

Consultants Bureau

Sci - Med

Jun 58

65,448

Toxicology of Chlorinated Naphthalenes, by F. B.  
Shakhnovskaya.

RUSSIAN, no per, Farmakol i Toksikol, Vol XVI, No 2,  
1953, pp 43-47.

Assoc Tech Src RJ-145

Scientific - Medicine

10,156

Shakhnovskii, L. N.  
"FREE" NICOTINE. [1962] 12p.  
Order from K-H \$15.00

K-H 3160(1)

Trans. of Tabak (USSR) 1953, v. 14, no. 5,  
p. 26-29.

DESCRIPTORS: \*Nicotine.

(Biological Sciences--Pathology, TT, v. 8, no. 10)

62-22745

- I. Shakhnovskii, L. N.
- II. K-H-3160-a
- III. Kresge-Hooker Science  
Library Associates,  
Detroit, Mich.

C226369

Office of Technical Services

Shakhnovskii, L. N.  
INFLUENCE OF AMMONIA ON THE FLAVOR  
STRENGTH OF TOBACCO PRODUCTS. [1962] 8p.  
Order from K-H \$10.00 K-H 3439-b

Trans. of Tabak (USSR) 1954, v. 15, no. 3, p. 40-44.

DESCRIPTORS: \*Ammonia, \*Taste, \*Tobacco,  
Cigarettes.

(Chemistry, TT, v. 8, no. 10)

62-22746

- I. Shakhnovskii, L. N.
- II. K-H-3439-b
- III. Kresge-Hooker Science  
Library Associates,  
Detroit, Mich.

0226370

Office of Technical Services

Hydrolyzed Nicotine as an Index for Sensory  
Strength of Makhorka, by L. N. Shakhnovskiy,  
5 pp.

RUSSIAN, per, Tabak, Vol XX, No 1, 1959,  
pp 14-17.

SLA 60-10813

Sci

OTS, Vol III, No 7

Nov 60

133,121

**Chemical Composition of the Smoke of Some  
Tobacco Products, by L. N. Shakhnovskiy.**

**GERMAN, per, Tabak, No 4, 1960, pp 17-20.**

**GB/116**

**Sci-Chem  
May 63**

229,892



Shakhnovskiy, L. N.  
THE CHEMICAL COMPOSITION OF THE SMOKE OF  
SOME TOBACCO PRODUCTS. [1960] 9p.  
Order from LC or SLA mi\$1.80, ph\$1.80 61-10698

Trans. of Tabak (USSR) 1960 [v. 21] no. 4, p. 17-20.

An investigation of 150 samples of cigarettes, manufactured in January, 1959, covering the production of most USSR factories showed the following limits of variation: free nicotine, 1.4 to 26.3 mg; total nicotine, 10.8 to 43.5 mg; ammonia, 0.0 to 6.1 mg; pyridine, 2.9 to 21.1 mg; 2,4 dinitrophenylhydrazine, 12.5 to 45.0 mg; acetic acid, 4.3 to 74.0 mg; and pH 4.4 to 7.0. It is concluded that raw tobacco quality can be objectively characterized by determining in its smoke such indicators as the smoke pH, free and combined nicotine, acidity determined by titration, total strong and weak bases, and carbonyl compounds.

(Chemistry Analytical, TT, v. 5, no. 12)

61-10698

1. Tobacco--Chemical analysis
2. Smokes--Chemical analysis
1. Shakhnovskiy, L. N.

Office of Technical Services

Construction of Green's Tensor for the Problem of a  
Small-Angle Shell With Double Curvature in Equilibrium  
by B. N. Fradlin, S. M. Shakhnovskiy, 6 pp

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXI, No 6, 1960,  
pp 1298-1300

AIP  
Sov Phys - Doklady  
Vol V, No 2

Sci  
Nov 60

132, 723

8-4844

(2000-N).

**The Problem of the Role of the Hypophysal-Suprarenal System in the Development of Certain Manifestations of Experimental Radiation Sickness, by A. A. Gruzov, V. V. Shakhovtsov, 14 pp.**

**RUSSIAN, per, Vest Ak Med Nauk SSSR, Vol XIII, No 9, Moscow, 1958, pp 12-21.**

**JPRS L-724-N**

**USSR  
Sci - Med - Radiology  
Apr 59**

**84,832**

(NY-3000/29)

Ten Million Tons of Petroleum, by S. Shakhorov,  
5 pp.

RUSSIAN, np, Turkmenakaya Iskra, 5 Nov 1960.

JPRS 7833

USER  
Econ  
Mar 61

142,106

(SF-1878)

The Problem of Photosynthesis, by  
A. Shakhov, 5 pp.

RUSSIAN, np, Pravda, No 204 (15694),  
23 July 1961,

JPRS 13329

Sci - Biol

190,108

Apr 62

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00929R000201010054-1

Structure of Phytocenoson, by A. Shelton

RUSSIAN, per, Botan Zhur, Vol XXXIV, No 2,  
1949, pp 148-162.

CSIRO/No 6056

Sci Biol  
May 63

237,410

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00929R000201010054-1

Along the Way of Technical Progress, by A. Shakhov,  
G. Vaynshteyn, 9 pp. UNCLASSIFIED

RUSSIAN, no per, Grazhdan Aviatsiya, No 11, Moscow,  
Nov 1957, pp 28-31.

US JPRS/NY-L-140

USSR

Econ - Civil aviation

64,147

Submicroscopic Structure and Function of Chloroplasts in Potatoes Under Different Environmental Conditions, by A. A. Shakhov, ~~1961~~  
B. M. Golubkova, et al, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI, No 5,  
1961, ~~XXXXXXXXXX~~ pp 1246-.

AIBS

200,964

Sci  
Jun 62



Changes of the Mechanical Properties of Snow as a  
Function of Time (hardening), by I. V. Kraghel'akiy,  
A. A. Shakhov, 7 pp.

RUSSIAN, bk, From a book containing ... papers on  
"The Physical and Mechanical Properties of Snow and  
Their Utilization in the Construction of Roads and  
Aerodromes", published by the Soviet Academy of  
Sciences, 1945, pp. 10-13.

~~Sci Museum~~  
Sci Museum Lib No 51/0790<sup>6</sup> - London

A-6069

An Electron Microscope Study of Chloroplasts of  
Plants With Root Systems Kept at Low Temperatures,  
by A. A. Shakhov, B. M. Golobkova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 2,  
1960, pp 486-488.

AIBS

Sci

Jul 61

160,767

The Effect of Cosmic Radiation of Plant Activity,  
by A. A. Shakhov, 20 pp.

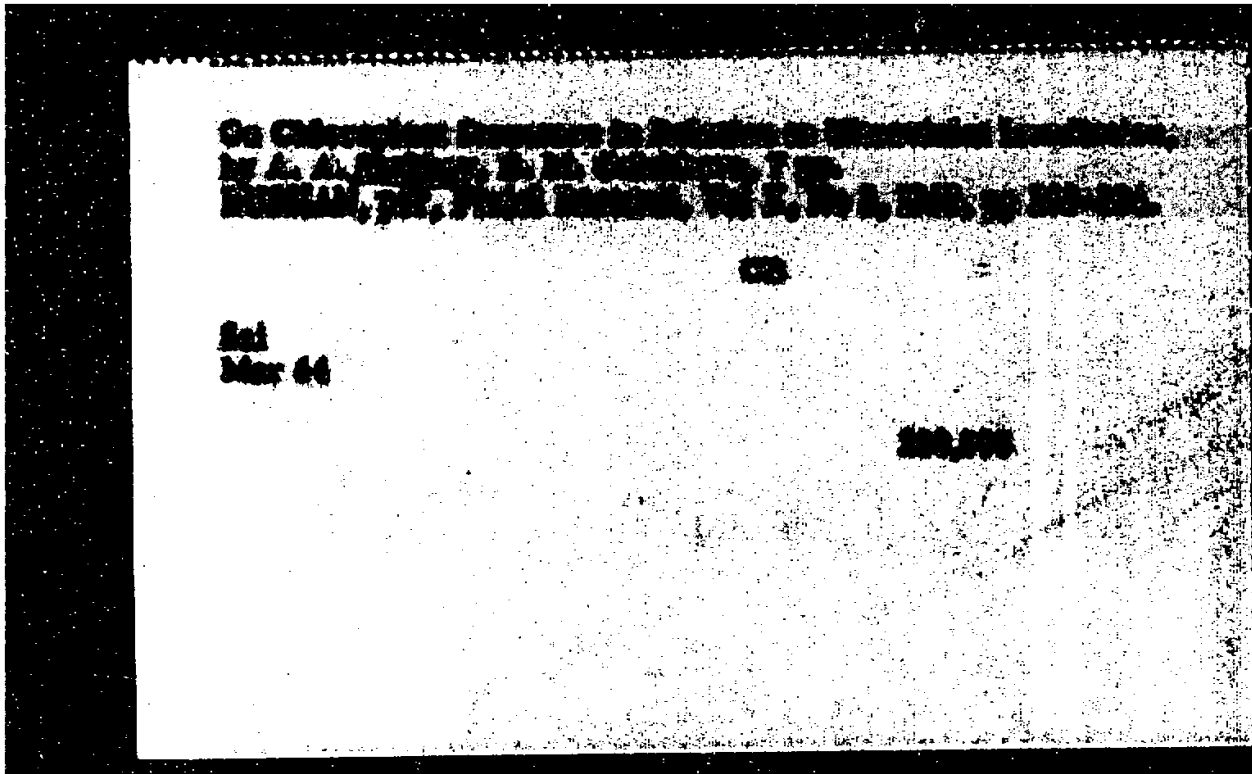
RUSSIAN, per, Zhur Obsh Biol Vol XXIII, No 2,  
1962, pp 81-89. 9672786

FPD-TU-62-771

Sci-Bios  
Box 62

217,574

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00929R000201010054-1



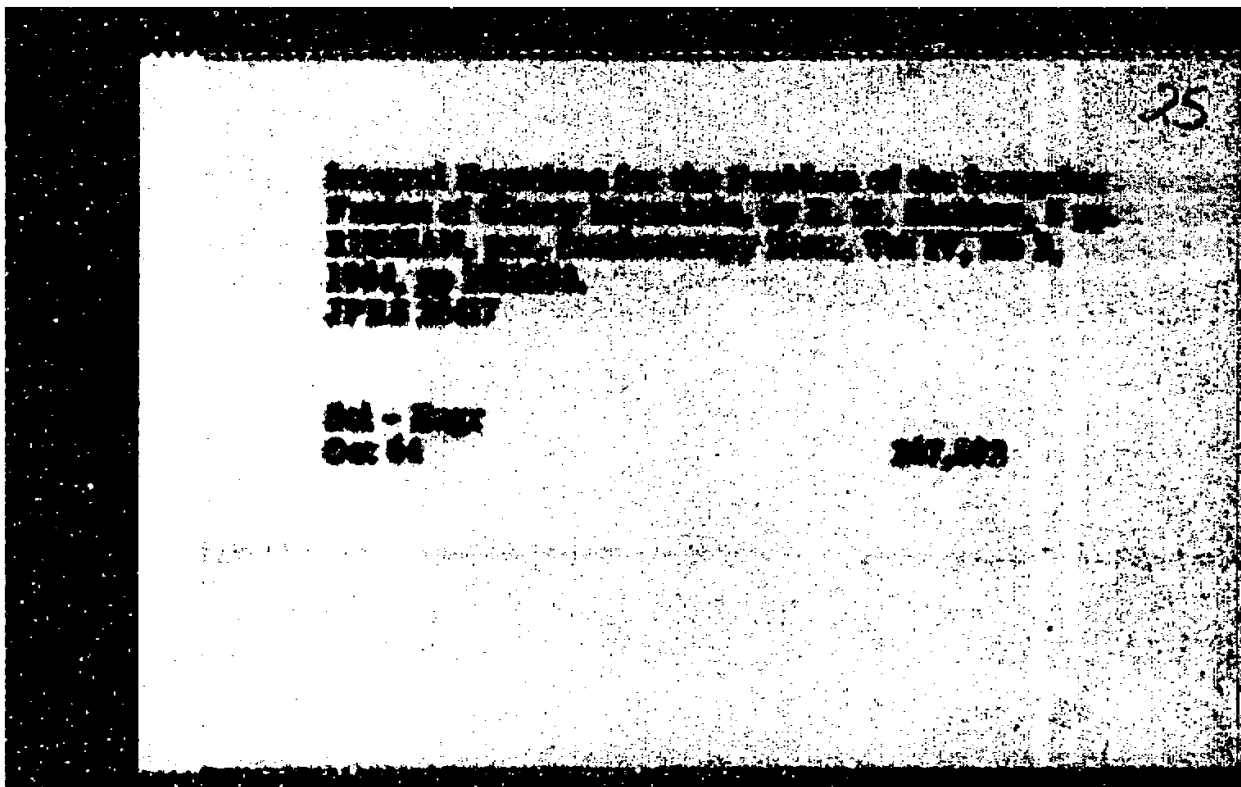
APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00929R000201010054-1

On Increasing the Density of Snow by Compression, by  
A. S. Kondrat'eva, I. V. Kragel'skiy, A. A. Shalchov,  
R 7 pp.

RUSSIAN, bk, From a book containing ... papers on  
"The Physical and Mechanical Properties of Snow and  
Their Utilization in the Construction of Roads and  
Aerodromes", published by the Soviet Academy of Sciences,  
1945, pp. 5-9.

~~SECRET~~

Sci Museum Lib No 51/0795 - London  
also: AECTR 609 A-5732



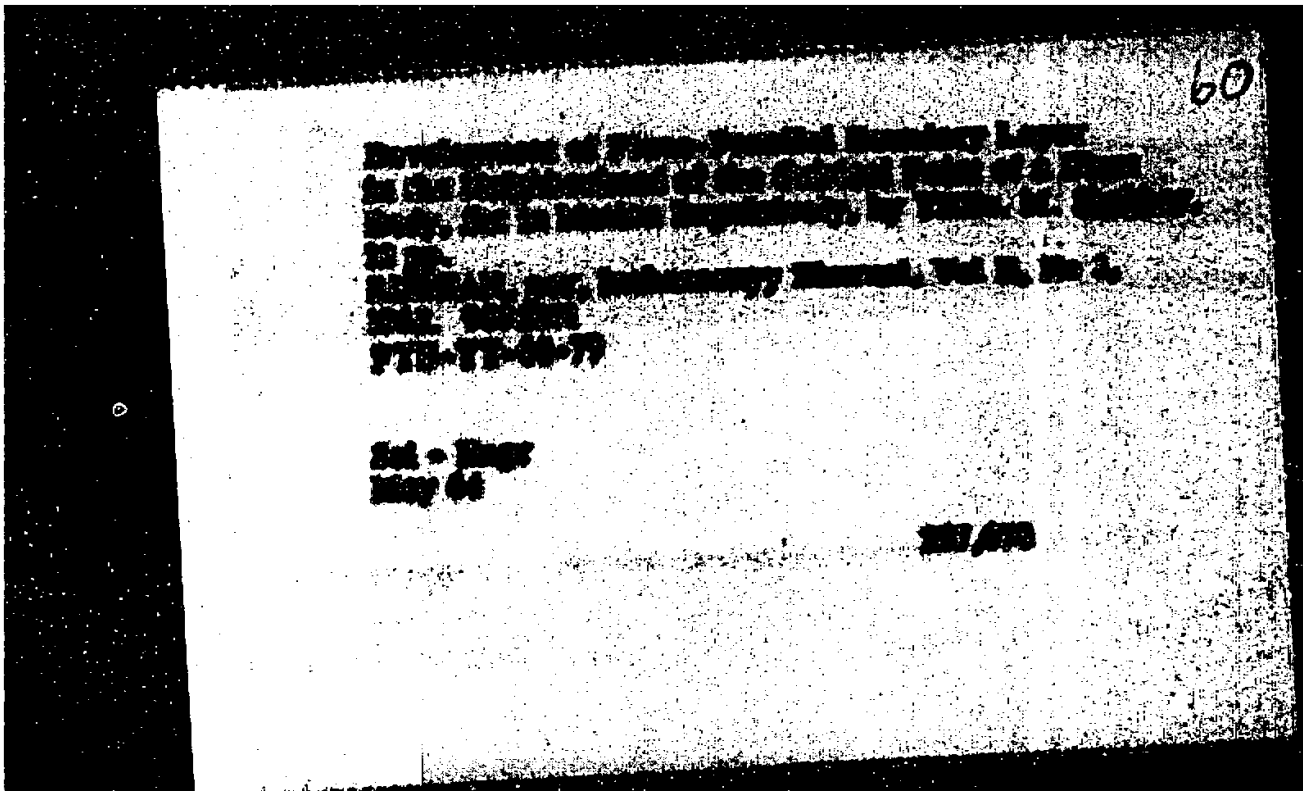
Evaluation of the Relaxation Time of the Melting Speed  
Vitreous Materials, by Ye. M. Shakhov, 11 pp.

3. RUSSIAN, per, Inzhenskiy Zhurnal, Vol III, No 3, 1963.

JPRS 22567

Sci  
Jan 64

246,843





Vaporization of Solids by Absorbed Radiation  
Energy, by E. M. Shakhov, 23 pp.

RUSSIAN, per, Inzhenernyy Zhurnal, Vol I,  
No 4, 1961, pp 27-38. 9685047

FTD-TT-63-77

Sci-Phys

Aug 63

342,070

The Flow Round a Flat Plate of a Supersonic Stream  
of Ideal Gas in the Presence of Volumetric Evolution  
of Heat, by I. F. Shakhov, V. A. Frost.

RUSSIAN, per, Trudy Fiz-Tekh Inst, Issledovaniya po  
Mekhanike i Prikladnoy Matematike, No 7, 1961, pp 110-  
124.

\*FTD-TT-62-149

Sci - phys

17 Jul 62

Resonance of Domain Boundaries and Spin Resonance  
in Magnesium-Nickel Ferrites, by V. I. Shakhov,  
E. I. Kondorskiy, 5 pp.

RUSSIAN, per, Fiz Tverdogo Tela, Vol IV, No 1,  
1962, pp 29-35.

AIP  
Sov Phys - Solid State  
Vol IV, No 1

210,482

Sci  
Sep 62

Measurement of the Energy Flux<sup>x</sup> Emitted by  
the Plasma in "Alpha," by V. A. Burtsev,  
A. M. Stolov, V. V. Shakhov, 6 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXX,  
No 12, 1960, pp 1415-1421.

AIP  
Sov Phys-Tech Phys  
Vol V, No 12

164,639

Sci

Jan 61

Phase Equilibrium Diagram of Titanium-Niobium-Chromium  
Alloys

By I. I. Shakhova, P. B. Budberg pp. 7

RUSSIAN, per. Iz Ak Nauk SSSR, Otdel Tekh Nauk, Metall i  
Toplivo. No 6, 1962 pp. 137-141

SIC

340,722

Sic

Jul 63

Shakhova, K. I. and Budberg, P. B.  
PHASE EQUILIBRIUM DIAGRAM OF TITANIUM-  
NIOBIUM-CHROMIUM ALLOYS. [Aug 63] 4refs  
Order from SIC \$12.00

Trans. of Akademiya Nauk SSSR. O[tdelenie] T[ekhnicheskikh] N[auk]. Izvestiya: Metallurgiya i Toplivo, 1962, no. 6, p. 137-141.  
Also available from SIC in Russian Metallurgy and Fuels, 1962, no. 6, \$68.00/year

DESCRIPTORS: \*Heat resistant metals and alloys, \*Chromium alloys, \*Niobium alloys, \*Titanium alloys, Phase studies, Thermodynamics, Quenching (Cooling), High temperature research

An examination has been made of the region of the ternary Ti-Nb-Cr system which was thought most promising for the development of high-temperature alloys, (Metallurgy, TT, v. 10, no. 11)

63-22437

I. Shakhova, K. I.  
II. Budberg, P. B.  
III. Scientific Information  
Consultants Ltd.  
(G. Brit.)

Office of Technical Services

Investigation of Titanium-Niobium Alloys, by  
N. I. Shakhova, P. B. Budberg.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk,  
Metal i Toplivo, No 4, 1961, pp 56-58.

H. Cygielski, B. Sc., No 4/4/61  
115, Brent Lane  
Dartford, Kent - England

Sci - Chem, Min/Metal

Nov 61

174,558

Properties of Alloys of the Nickel-Chromium-  
Tungsten Ternary System, by P. B. Rudberg,  
K. I. Shakhova, 3 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol V, No 2,  
1960, pp 415-420.

Cleaver-Hume Press

Sci

Nov 60

132,055



Synthetic Investigations in the Field of Flavonoids.  
III. Total Synthesis of Quercetin-3- $\beta$ -Rutinoside,  
Rutin, by M. K. Shakhova and G. I. Samokhvalov, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXII, No 2,  
1962, pp 390-395.

CB

Sci

Feb 63

234,009

Synthetic Studies in the Field of Flavonoids, II, Syn-  
thesis of 3-Nitro-Flavanone, by G. I. Semokhalov, M. K.  
Shakhova, M. I. Budagyants, 4 pp.

3  
RUSSIAN, per, Zhur Obshch Khim, Vol XXXI, No 4, 1961,  
pp. 1147 - 1149

CB

196, 684

Sci  
Apr 62

Effect of Ionizing Gamma Radiation on the  
Structural Mechanical Properties of Starch  
Gels, by V. F. Oreshko, L. E. Chernenko,  
N. G. Shakhova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIV,  
No 3, 1960, pp 636-639.

CB

Sci

153,008

The Effect of Twist and Structure on the Physical  
and Mechanical Properties of Nylon Yarn, by V. A.  
Usenko, N. V. Shakhova, 10 pp.

RUSSIAN, per, Iz VUZ, Tekh Tekstil'noy Prom,  
No 6 (19), 1960.

Textile Research Institute

Oct 28 62

214,244

Sci

Gravimetric Determination of  $\kappa$  Scandium by  
Means of Benzeneacetic and Benzeneacetic  
by I. P. Alivaria, N. V. Shakhova, 4 pp.

RUSSIAN, per, Zhur Zhur Anal Khim, Vol XVI,  
No 4, 1961, pp 412-416.

CB

Sci

May 62

195,782

Angular Distribution of Shower Particles in Stars  
Produced by High-Energy Particles by L. A. Sen'ko,  
Zh. S. Takibayev, Ts. I. Shakhova, and L. Ya. Balats,  
6 pp.

RUSSIAN, *Izvestiya Akademiya Nauk SSSR Seriya Fizicheskaya*, Vol XXXVII(10),  
No 1, 1960, pp 3-10.

Amer Inst of Phys  
Sov Phys - JETP

Sci

108.023

Investigation of the Angular Distribution of Secondary  
Particles in Showers Produced by High-Energy Nucleons  
by L. A. San'ko, Zh. S. Fakibayev, Ts. I. Shakhova,  
7 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXIV,  
No 3(9), 1958, pp 574-583.

Amer Inst of Phys  
Sov Phys - JETP  
Vol VIII (35), No 3

Sci - Phys

Apr 59

83,879

Contribution to the Synthesis of Cerimolybdic  
Heteropolyacid, by Z. F. Shakhova, S. A.  
Gavrilova, 5 pp.

RUSSIAN, per, Zhur ~~Neorganicheskii~~ Neorgan Khim,  
Vol III, No 6, 1958, pp 1370-1373.

AEC-tr-4454  
PL-480

Sci

Jan 62

PSI 376

177,833



Photometric Determination of Cerium as Ceriummolybdic  
Heteropoly Acid, by Z. F. Shakhova, and S. A.  
Gavrilova, 4 pp.

RUSSIAN, per, Zhur Anal Khim, Vol XIII, No 2, 1958,  
pp 211-214.

Consultants Bureau

Sci - Chem  
Feb 59

81,326

Thermogravimetry and Its Applications in Analytical Chemistry, by Z. P. Shakhova, E. N. Semenovskaya.

RUSSIAN, per, Zavod Lab, Vol XXII, No 12, 1956, pp 1430-1435.

Henry Brucher 4302  
\$8.65

Sci - Chem  
Nov 58

75,934

Preparation of heteropoly molybdotitanic acid, by  
Z. F. Shakhova, E. N. Semenovskaya, 2 pp.

RUSSIAN, per. Zhur Neorgan Khim, No 5, 1962,  
pp 1084-1086.

CS

Sci

Apr 63

233,406

Electron Diffraction Studies on Molybdic  
Heteropolysacids of Germanium, by Z. F.  
Shakhova, G. N. Tishchenko and R. K. Mo-  
torkina, 7 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII,  
No 5, 1975; pp 1118-1124.

Consultants Bureau

Sci - Chem

Sep 58

72,839

Determination of Germanium as Germanomolybdic Acid  
After its Separation From Certain Elements by an  
Extraction Method, by Z. F. Shakhova, R. K.  
Motorkina and N. N. Maltseva, 6 pp.

RUSSIAN. per, Zhur Anal Khim, Vol LXII, No 1, 1957,  
pp 95-99.

Consultants Bureau

Sci - Chem

Aug 58

71,782

A Study of the Redox Properties of Germanium Hetero-  
polyacids, by Z. F. Shakhova, R. K. Motorkina, 8 pp.

RUSSIAN, no per, <sup>Z.</sup>hur Obshch Khim, Vol XXVI, No 10,  
Oct 1956, pp 2663-2672.

Consultants Bureau

Sci - Chemistry  
Mar 58

60,088

Photometric Determination of Germanium as  
Germanovanadomolybdic Acid, by Z. F. Shakhova,  
R. K. Motorkina, 6 pp.

RUSSIAN, bim per, Zhur Anal Khim, Vol XI, No 6,  
Nov/Dec 1956, pp 698-703.

Consultants Bureau

Sci - Chemistry  
Sep 57

53,488

Study of the Blue Products Obtained in the  
Reduction of Germanium Heteropoly Acids, by I.  
P. Alimarin, Z. F. Shakhova, R. K. Motorkina,  
4 pp.

Full tr

RUSSIAN  
~~RUSSIAN~~, thrice-no per, Dok Ak Nauk SSSR, Vol CVI,  
No 1, 1956, p 61.

41,579

Consultants Bureau

Sci - Chemistry  
Dec 56 CTS



TP 956

SHAKHOVSKOI G. P.

H P and H T multiplier

Multiplicateur H P et H T

Prib. Tekhn. Eksp. SSSR, No. 5, 95-97 (1960)

Commissariat à l'Energie Atomique, Saclay - French

E u r a t o m

VHF Receiver, by O. Rshiga, A. Shakhovskoy, 7 pp.

RUSSIAN, per, Radio, No 7, 1957.

OTS 59-11242

Sci - Electronics  
Feb 59

81,997

Observation of Signals from Earth Satellites.  
Method of Observation (MOT), by O. Ishiga and  
A. Shukhovskoy, 12 pp

RUSSIAN, ISS, Radio, Nr. 8, 1957, pp 17-18

AFSC P-EC-3327/V

56,340

Sci - Space Research  
Dec 57

USSR Amateur Radio Observations of Signals from the  
Soviet Artificial Satellites, by A. M. Shakhovskoy,  
3 pp. UNCLASSIFIED

RUSSIAN, papers presented at Moscow Conference of  
CSAGI, Moscow, 1-9 Aug 1958.

US JPRS/DC-287

Sci - ~~Geophys~~ *Space research*  
Dec 58

Determination of Heat of Transition in Cerium Under  
Pressure, by M. G. Gonikberg, G. P. Shakhovskoy,  
V. P. Butuzov, 7 pp. UNCLASSIFIED

RUSSIAN, per, Zhur Fiz Khim, Vol XXXI, No 2, 1957,  
pp 350-353.

AEC Tr 3222

Sci - Phys

May 58

64,814

S-138/60

(NY-37130.

Measuring the Melting Points of Aluminum and  
Copper at Pressures up to 18,000 Kilograms  
per Centimeter, by M. G. Gonikberg, G. P.  
Shakhovskoy, V. P. Butuzov, 7 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXI, No 8,  
1957, pp 1839-1842.

JPRS 2541

Sci - Phys  
Apr 60

114, 713

An Apparatus of Super-High Pressure with a Simultaneous  
Achievement of High Temperatures, by S. S. Koksha,  
A. P. Shakhovskoy, 5 pp.

RUSSIAN, per, Pribery i Tekh Ekaper, No 3, 1958,  
pp 86-89.

Instru Soc of Amer

Sci

Apr 60

114,010

New Type of Autoclave for Hydrothermal Synthesis,  
by V. P. Butuzov, G. P. Shakhovskoy, S. P. Smirnov,

RUSSIAN, bk, Rost Kristallov, 1957, pp 326-329.

ATIC F-TS-9417/V

Sci - Chem  
Oct 59

99,482