

(SF-1870)

Creative Discussion on the Problem of the Improvement  
of Chemical Fibers Used in the Rubber Industry, by  
F. I. Yashunskaya, V. A. Berestnev, I. P. Nagdasev,  
6 pp.

RUSSIAN, per, Kauchuk i Rezina, No 5, 1961, pp 54-55.

JPRS 4888 516  
166, 254

Sci - Chem

Sep 61

Measurement of Double Refraction of Films Made from  
Polyethylene Terephthalate, by G. L. Beresinetsky  
P. V. Kozlov, 4 pp.

RUSSIAN, per, Vysokosolekulyarnye Soyedineniya,  
Vol I, No 1, 1959, pp 126, 127.

CIA/FDD ZX-764

NOT RELEASABLE TO FOREIGN NATIONALS

AT&T RJ-2666

Sci - Physics

Mar 60

USIB INTERNAL USE ONLY

109738

Crystallization Mechanism of Colloidal Titanium  
Dioxide, by Z. Ya. Berestneva, M. B. Konstantinopol'skaya,  
et al, 4 pp.

RUSSIAN, per, Kolloid Zhur, Vol XXII, No 5, 1960,  
pp 557-559.

CB

Sci  
24 Jul 62

204,005

<p>Berestneva, Z. Ya, and Kargin, V. A. ADSORPTION OF ELECTROLYTES ON HIGHLY PURIFIED ALUMINA AND FERRIC OXIDE GELS. [1961] 7p. 5 refs. Order from OTS or SLA \$1.10</p> <p>Trans. of Zhurnal Fizicheskoi Khimii (USSR) 1939, v. 13, p. 1625-1634.</p> <p>DESCRIPTORS: *Electrolytes, Adsorption, Determination, *Gels, Iron compounds, Oxides, Aluminum compounds.</p> <p>(Unannounced)</p>	<p>61-18056</p> <p>I : Berestneva, Z. Ya. II . Kargin, V. A.</p> <p>61-18056</p> <p>Office of Technical Services</p>	
--	--	--

Investigating the Capacity of Wetting a Solid Surface with Polymers, by V. A. Kargin, M. B. Konstantinopol'skaya, Z. Ya. Berestneva,  
8 pp.

RUSSIAN, per, Vysokomolekulyarnye Soyedineniya,  
Vol I, No 7, 1959, pp 1074-1076. 9670069

ATIC MCL-906/1

Sci - Chem

161,357

Jul 61

Mechanism of the Protective Action of Colored Lacquer Coatings, by V. A. Kargin, M. I. Karyakina, Z. Ya. Berestnevya, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 5, 1958,  
pp 1065-1067.

Consultants Bureau

Sci - Chem

22/6/59

90,010

The Formation of Crystalline Aluminosilicates, by  
Z. Ya. Berestneva, M. B. Konstantinovskaya, V. A.  
Kargin, 4 pp.

RUSSIAN, per, Kolloid Zhur, Vol XIX, No 2, 1957,  
pp 138-141.

Consultants Bureau

Sci - Chem

Jan 59

79,412

Electron Microscopic Study of Aluminosilicate Gels,  
by Z. Ya. Berestneva, V. A. Kargin, 4 pp.

RUSSIAN, bimo per, Kolloid Zhur, Vol XVII, No 3,  
May-Jun 1955, pp 196-199. CIA C 39499

Consultants Bureau

28,859

Scientific - Chemistry  
Nov 55 CIS/DEX

An Electron Microscope Study of Structure Formation in Loess. 2. Influence of Loess Components on Structure Formation, by E. Aripov, Z. Ya. Berestneva, V. A. Kargin, 6 pp.

RUSSIAN, per, Kolloid Zmr, Vol XIX, No 1, 1957,  
pp 21-23.

Consultants Bureau

79,396

Sci - Chem

Jan 59

An Electron Microscope Study of Structure Formation in Loess. I, Influence of the Dispersion Medium, by E. Aripov, Z. Ya. Berestneva, V. A. Kargin, 4 pp.

MESSIAN, per, Kolloid Zhur, Vol XIX, No 1, 1937,  
pp 14-16.

Consultants Bureau

Sci - Chem

79, 395-

Jan 59

Structure of V<sub>2</sub>O<sub>5</sub> Sol's, by Z. Ya. Perestrova,  
Z. A. Kozetskaya, V. A. Kargin, 3 pp.

Full translation.

RUSSIAN, bmo per, Molloid Zhur, Vol XIV, No 2,  
Mar-Apr 1952, pp 73-76.

Consultants Bureau

7932

Scientific - Chemistry

Dec 53 CTS

Self-Oscillator Synchronization by Radio Pulses,  
by E. S. Voronin, G. N. Berestovaki, 16 pp.

RUSSIAN, /per, Radiotekhnika, Vol XI, 1956,  
pp 34-40. CIA 342 051

AEC Tr 2898

Sci - Electronics  
Jun 57

48, 309

possibly  
ATIC F-TS-  
9180/V

Self-Oscillator Synchronization by Radio  
Pulses, by E. S. Voronin and C. N.  
Berestovskiy 14 pp.

RUSSIAN, per, Radiotekhnika, Vol XI, No 3,  
1956, pp 23-40.

SLA R-1451

Sci

Aug 58

69, 764

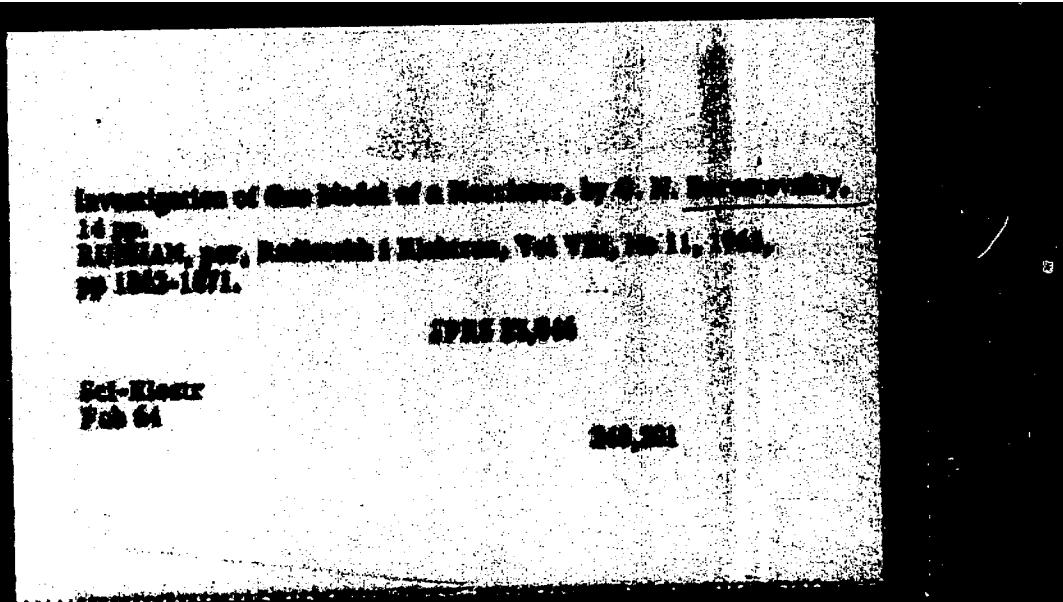
S-177/64

Electric Analogue of Sensory Nerve Endings, by  
G. N. Berestovskiy, *4M*

RUSSIAN, per, Radiotekh i Elektron, Vol VIII, No 12,  
1963, pp 2099-2101.

*a*  
JPRS/SF-3111/SPECIAL

Sci - Elec  
Apr 64



New Harmonic generator Using Switching Elements,  
by G. N. Beregovskiy, O. A. Kostenko, 4 pp.

RUSSIAN, per, Radkotekh i Elektron, Vol V, No 10,  
1960, pp 1743-1744.

PP

Sci

167,629

Aug 61

Voltage Transformer using Power Transistor,  
by G. H. Berestovskii, K. Ya. Senatorov,  
15 pp. BERESTOVSKIY

RUSSIAH, per, Radiotekh i Elektron, Vol II, No 9,  
1957, pp 1173-1187.

Pergamon Inst

Sci - Electron

Jan 59

80,032

On the Determination of the Detergent Power of Soaps.  
by L. Sogno, G. Beretta.  
ITALIAS, per. Gior. Di Chimica Industriale ed  
Applicata, Vol 16, 1934, pp 281-289.  
01/39/RD 1981

C. BERETTA.

Sci -  
Aug 67

554,886

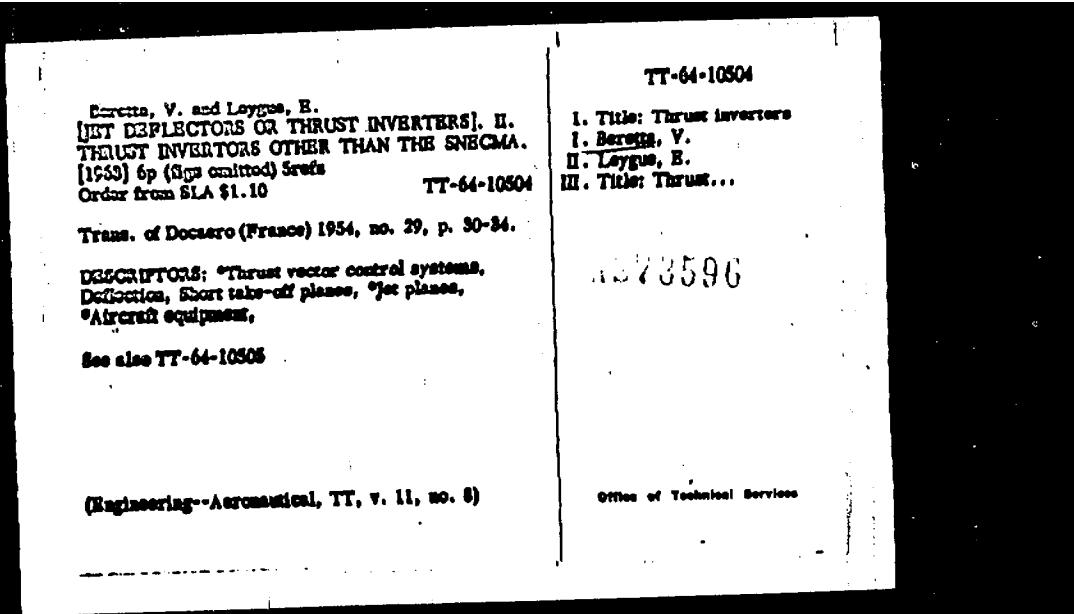
Sections of Elastic Impact Proton-Proton and Neutron-Proton, by L. Beretta, C. Villi, F. Ferrari, 51 pp.

ITALIAN, per, Nuovo Cimento, Vol XII, No 9, Suppl. No 3, 1954, pp 499-548.

S.L.H.-415,56  
AEC Tr 2288  
28,714

Scientific - Electronics

Nov 55 CTS/DEX



(NY-6740)

The Hungarian Situation of the People's Economy  
in the Second Five-Year Plan Period, by  
Laszlo Borettijan, Munka Tábor, 47 pp.

HUNGARIAN, per, Kozgazdasagi Szemle, Vol VIII,  
No7, 1961, pp 789-797.

JPRS 10554

UAR - Hungary

173, 495

Econ N / .

On the Grain Refining of Uranium, by J. Beroujat,  
M. Englebert, J. A. Stein, A. Winogradsky, 22 pp.  
PPCNY, 1957. Sur l'Affinage du Graïn de l'Uranium,  
1957.

ABC Tr 358

Box - Min/Mkt

Apr 59

85, 757

Experimental Industrial ~~XXXXXX~~ Fabrication of Bimetal Strips of Zinc Alloy-Armoc Iron, by A. A. Berez, V. K. Korol', 5 pp.

RUSSIAN, per, Tsvetnye Metally, Vol II, No 7, 1961,  
pp 65-69.

~~XXXXXX~~

PS

Sci

214,20~~X~~6

Oct 62

Experimental Data on the Growth of Ice in By-Pass  
Canals, by A. I. Bereza, 4 pp.

RUSSIAN, per, Mat i Gid, No 10, 1958, pp 40-42.

9658783

Amer Meteorol Soc  
AF Cambridge Res Center

Sci - Geophysics

Feb 60

107,646

An Apparatus for Laboratory Frequency Analysis  
of Seismic Vibrations, by G. V. Bereza, 10 p.

RUSSIAN, per, Prik Geofiz, 1957, No 16, pp 37-49.

Sci  
Dec 59  
Vol 2, No 6

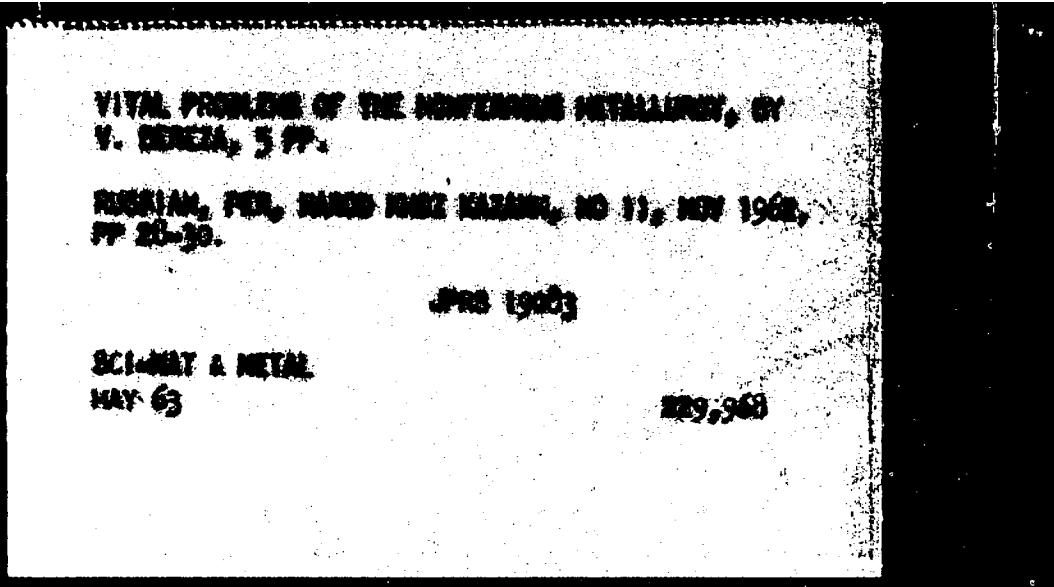
AM5-71L29R  
RJ-1815  
103,979

Tracks of Nonferrous Metallurgy in Kazakhstan, 95  
by V. Bereza, 7 pp.  
RUSSIAN, per, Narodnoye Khozyaystvo Kazakhstana,  
No 5, May 1966, pp. 3-6.  
JPRS 37302

V BEREZA

USSR  
Sci-M/R  
Sept 60

310,354



Non-Ferrous Metallurgy In Southern Kazakhstan.  
by V. G. Bereza, 7 pp.

RUSSIAN, per, Tsvetnye Metally, No 9, 1960,  
pp 21-27.

PS

Sci

Jun 1 61

157, 371

<p>Bereza, V. Sh. AUTOMATIC CONTROL OF THE MILLING PROCESS IN A BALL MILL. [1961] [61]p. 25 refs. Warren Spring Lab. Trans. NT810; [DSIR LLU] M. 3201. Order from OTS or SLA \$9.60 61-27646</p> <p>Trans. of unidentified mono. (booklet) Moscow, 1959.</p> <p>DESCRIPTORS: *Ball mills, Operation, Loading, Control systems, Automatic.</p> <p>A short survey is given of Soviet and foreign work in this field. An electro-acoustic method of controlling the loading of ball mills with material for grinding is described. The construction of the RZM-3 (RZM-2) electro-acoustic controller for automatic on-off control of the delivery of feed material to the ball mill is examined and instructions given for tuning the control. (Machinery, Fabrications, and Accessory Equipment, TT, v. 6, no. 11) (over)</p>	<p>61-27646</p> <p>I. Bereza, V. Sh. II. DSIR NT-810 III. DSIR LLU M. 3201 IV. Department of Scientific and Industrial Research (Gt. Brit.)</p>	
<p>Office of Technical Services</p>		

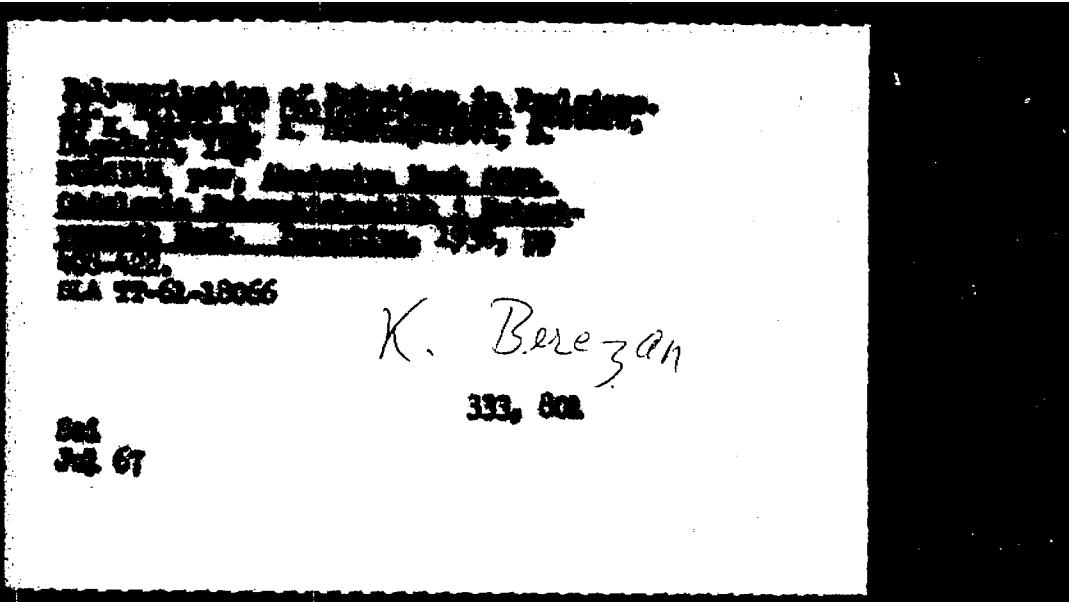
Statistical Evaluation of the Accuracy of  
Automatic Control of the Grinding Process in a  
Ball Mill, by V. Sh. Bereza, 10 p.

RUSSIAN, per, Avtomat i Telemekh, Vol XX, No 2,  
1960, pp 150-160.

Instru Soc of Amer

112,503

Sci  
Apr 60



Twelve Papers on Analysis and Applied  
Mathematics, by Berezanskiy, Golovkin,  
RUSSIAN, bk, Vol 35, 1964, 363 pp.  
Amer. Math. Soc. LC No. 51-5559.

Berezanskiy

Sci-Math  
June 66

303,359

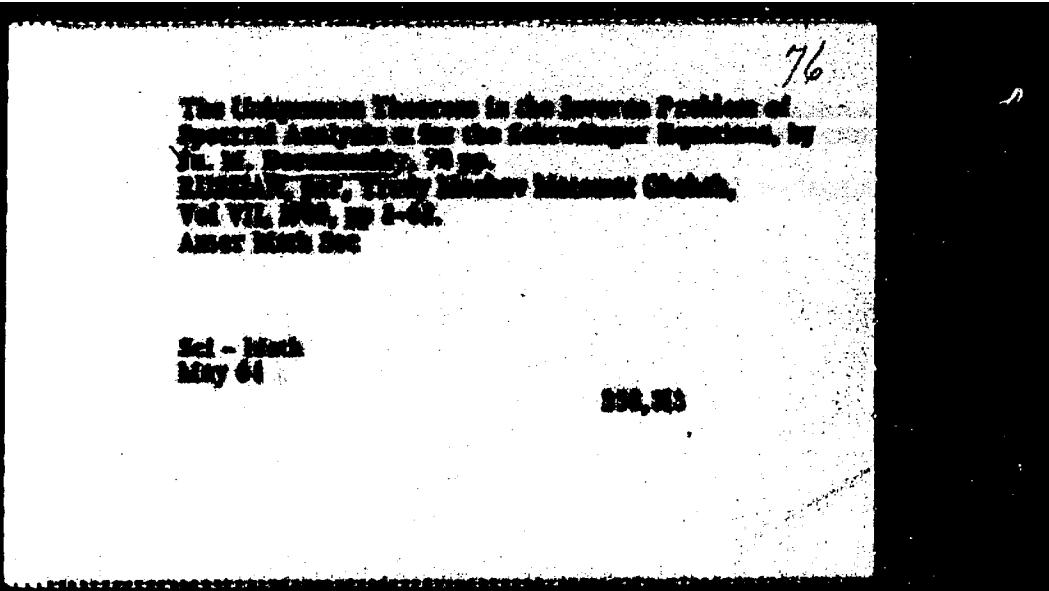
Hypercomplex Systems With Continuous Basis,  
by Yu. M. Berezanskiy. 5pp

RUSSIAN, per, Uspekhi Mat Nauk (N.S.) Vol XII,  
No 1 (73), 1957,

AMS

Sci - Math  
Jul 61  
CIA/FDD X-4669

160, 245-



A Generalization of a Multidimensional Theorem of  
Bochner, by Yu. M. Berezanskiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, 1961,  
pp 1011-1014.

Amer Math Soc

Sci

Jul 61

160, 728

Calcification Process of Trichinella Larvae,  
by Yu. Bereznitsky.

HUNGARIAN, pcr, Acta Veterinaria, Academiae  
Scientiarum Hungaricae, Vol XI, No 3, 1961,  
pp 357-366.

CSIRO/No 6081

Sci-Bici  
May 63

232,1cb

The ~~Emmision~~ Phenomenon of Reversion in Artificially  
Aged Alloys of the Type Al-Cu-Mg and Duralumin, by  
V. N. Bereshiani, UNCLASSIFIED

RUSSIAN, per, Dok Ak Nauk, Vol LXXXVII, No 4,  
1952, p 563.

Pulmer Research Inst

20,062  
54  
07/903

Scientific - Chemistry, Min/Metals

Nitrogen Solubility in Liquid and Solid Chromium at Elevated Gas Phase Pressure, by  
V. M. Bereshiani, S. M. Mirianashvili.  
RUSSIAN, per, Trudy Gruzijskogo Inst Metallurgij, Vol XIV, 1964, pp 163-166.  
NASA TT F-11,053

Sci-Chem  
Aug 67

338,695

Cooling of Converter Gases in Waste-Heat Boilers,  
by A. I. Berezhinskiy, 6 pp.

RUSSIAN, per, Stal, No 5, 1959, pp 472-479.

BISI

Sci

Jan 60

105, 621

On the Pharmacology of Evoxin, by V. V. Berezhinskaya,  
E. A. Trutneva, 6 pp.

RUSSIAN, pos, Farmakol i Toksikol, Vol XXIII,  
No 2, 1959, pp 117-122.

Consultants Bureau

Sci

Apr 60

113,753

(NY-3000)

Mechanizing the Sections, Preparing the Metal for Rolling and the Finishing Sections,  
by P. I. Berezkov, A. F. Zinov'yev, 4 pp.

RUSSIAN, per, Byul Tekh-Ekon Informatsii,  
No 4, 1961, pp 8-11.

JPRS 9997

166, 428

USSR

Econ

(NY-3000)

PRODUCTION RESERVES OF LIGHT-SECTION AND WIRE  
ROLLING MILLS OF THE ENTERPRISES OF THE RSFSR, BY  
P. I. BEREZHKOV, 7 PP.

RUSSIAN, PER, BYULL' TEKH-EKON INFORMATSII, NO 2,  
1962, PP 3-5.

JPRS L3843

USSR  
ECON

SCI - ENOR

197,314

Electron Microscopy of the  
Central Nervous System of the  
Spermatic, by V. N. Berezin, G. V.

Berezin.

Osiris, pp. 180-202, 1964  
Vol. 6, pp. 180-202, 1964  
7-139-7-180

148

G. V. Berezinova

101-2030  
106 63

101-2030

Mechanization and Automation of Processes in  
the Production of Window Glass, by V. G.  
Gutop, M. I. Berezhkovskaya, L. Z. El'kinson,  
6 pp.

RUSSIAN, per, Steklo i Keramika, Vol XIV,  
No 3, 1957, pp 6-11.

Consultants Bureau

Sci

Jun 60

118,250

TT-64-15464

Berezovskii, B. A. and Marchak, V. V.  
SERUM SIALIC ACID CONCENTRATION OR ACTIVITY  
INDEX IN TUBERCULOSIS (Uroven' Sialovoi Kislotoy  
Svyorotki Krovi kak Pоказателя Активности Туберкулезного  
Процесса). [1964] [8p] (foreign text included) FASEB  
MS no. S751-3.  
Order from OTS, SLA, or ETC \$1.10 TT-64-15464

Trans. of Klinicheskaya Meditsina (USSR) 1963.  
v. 41, no. 8, p. 126-128.

- I. Berezovskii, B. A.
- II. Marchak, V. V.
- III. FASEB-S-751-3
- IV. Federation of American  
Societies for Experimental Biology, Washington,  
D. C.
- V. Scripta Technica, Inc.  
Washington, D. C.

A280054

Office of Technical Services

Forging and Pressing of Heat-Resistant Alloys,  
by D.I. Berezhkovskiy.

RUSSIAN, per, Metall i Obrab Metall, No 8, 1957,  
pp 51-61. 9662372.

ATIC MCL 547/1

Sci ~ Min/Met  
Jun 61

154937

New Method of Determining the Ductility of Metals,  
by D. I. Berezhkovskiy, 3 pp.

RUSSIAN, per, Zavod Lab, Vol XXIV, No 7, 1958,  
pp 858-860.

Instru Soc of Amer

Sci

Apr 60

113 356

The Relation of Orientation to Kinking Limit  
for Monocrystals, by V. R. Regel<sup>1</sup>, G. V.  
Berezhkova, 6 pp.

RUSSIAN, per, Kristallografiya, Vol IV, No 5, 1959,  
pp 761-767.

Amer Inst of Phys  
Sov Phys-Crystal

119,312

Sci-Phys

Jun 60

Increasing the Efficiency of Building-Glass  
Factories, by M. I. Berezhkowskaya, 3 pp.

RUSSIAN, per, Steklo i Keramika, Vol XIV, No  
12, 1957, pp 22-.

CB

Sci  
Aug 60

124,633

Organization of Work in Box-Making and Packing  
Departments, by M. I. Borezhkovskaya, V. I.  
Vezlomtsev, 3 pp.

RUSSIAN, per, Steklo i Keramika, Vol XIV,  
No 8, 1957, pp 23-25.

Consultants Bureau

Scd

119,212

Jun 60

New Method of Determining Forgesibility of  
Metals, by D. I. Borovshkovskiy.

RUSSIAN, per, Zavod Lab, Vol XXIV, No 7, 1958,  
pp 858-860.

Henry Brutcher 4439  
\$2.90

Sci - Engr

84,250

Apr 59

DSK LLU M.64 (Lan)

New Apparatus for Micromechanical Experiments and  
the Application to the Study of the Mechanical  
Properties of Polymers, by V. R. Regel', G. B.  
Berezinskaya, G. A. Dubov, A. D.

RUSSIAN, per, Zaved Lab, Vol XXV, No 1,  
1959, pp 101-105.

Instruc Soc of Amer

Set  
Apr 60

113,478

New Instrument for Micromechanical Testing and  
Its Application for Investigating the Mechanical  
Properties of Polymers, by V. R. Regel',  
G. V. Berazhkova, G. A. Dubov, 10 p.

RUSSIAN, per, Zavodskaya Laboratoriya, 1959,  
Vol XXV, No 1, pp 101-105.

SLA 59-17602

Sci  
Feb 60  
Vol 2, No 9

107004

For Better Plant Capacity Utilization  
in Window Glass Factories, by M. I.  
Berezhkovskaya, 4 pp.

RUSSIAN, per, Steklo i Keramika, Vol XVI,  
No 9, 1959, pp 37-39.

CB

Sci

Aug 62

209,767

EXPLOIT THE POTENTIAL FOR EXPANDING THE PRODUCTION  
OF STAPLE GLASS FIBER. BY M. I. SEMENOVSKAYA,  
6 PP.

RUSSIAN, PGF, STENO : KERIMOV, NO 1, 1963,  
PP 1-4.

APR 22 1966

WORD-COM

JULY 63

237,083

Foreign Standards for Window Glass, by  
M. R. Savitskiy, M. I. Berezhkovskaya, 3 pp.

RUSSIAN, per, Steklo i Keramika, Vol XVI,  
No 9, 1959, pp 44-45.

CB

Sci

Aug 62

209,770

Some Reserves for Raising Labor Efficiency in  
Glass Factories, by M. I. Berezhkowskaya, 3 pp.

RUSSIAN, per, Steklo i Keramika, Vol XVI, No 4,  
1959, pp 44-45.

CB

Sci  
Sep 62

210,399

Some Technical And Economic Data on Glass Production Abroad(From Data in Foreign Journals),  
by M. I. Berezhkovskaya, 5 pp.

RUSSIAN, per, Steklo i Keramika, Vol XV, No 2,  
1960, pp 37-41.

CB

Sci  
Oct 60

130,499

Pressing, Forging and Stamping in the USSR,  
by A. V. Altykis, D. I. Berezhkovskiy, et al,  
240 pp.

CZECH, bk, Lisovani a Kovani v CSSR a SSSR,  
SNTL, Prague 1961, pp 167-I 337. 9669065-V

FTD-TT-62-1676

Sci-Engr  
Jun 63

232,457

Technological Features of the Forging of  
Austenitic Steel, by L. V. Prozorov, D. I.  
Berezhevskiy, N. N. Tikhonirov, 44 pp. (AF-538708)

Full tr

RUSSIAN, bk, Tekhnologicheskiye Osobennosti Kovki  
Austenitny Stali, publ by Masgiz, Moscow, 1954,  
pp 164-196.

ATIC F-TB-8784/V

Scientific - Minerals/Metals 37, 990

CTS/Dex Aug 56

Investigation of the Surface of Lead Sulfide by  
Adsorption Methods, by I. A. Berezhnaya,  
I. N. Kurbatov, 5 pp.  
RUSSIAN, per, Fizika Tverdogo Tela, Vol III, No 4,  
1961, pp 1038-1043.

AIP  
Sov Phys-Solid State  
Vol III, No 4

172, 186

Sci

Oct 61

Experimental Study of the Influence of the Higher Centers  
of the Central Nervous System on the Course of Immunolo-  
gical Reactions, by N. M. Berezhnaya.

RUSSIAN, per, Trudy Inst Yasyeyi Nervnoi Deyatel'nosti,  
Ak Nauk SSSR, Kiev, 1958.

\*FTD-TT-63-1181

Sci - Biol & Med Sci  
Jan 64

A Description of A Glavneftesbyt Petroleum Bulk  
Plant, 5 pp. Unclassified by U.S. Energy Agency et al.  
RIFELIAN, Bk. Spravochnik po Naftoproduktioni v  
Sel'skoma Khozyaystve, by ~~Роснедра~~, 1956,  
1956, pp 95-99.

AID; SIR-2901

USER  
Econ

Nov 58

76, 234

The Phase Diagram of the Ternary System of Lithium,  
Calcium and Barium Fluorides, by G. A. Bakhalova,  
V. T. Berezhnaya, 6 pp.

RUSSIAN, per, Zhur Neorg Khim, Vol II, No 6, 1957,  
pp 1408-1412.

ABC-tr-4056  
PL-48-

146,318

Sci

Apr 61

PBT No 83

Equilibrium diagram of the Ba, Ca, K Cl ternary system,  
by G. A. Bukhalova, V. T. Berezhnaya, 2 pp.

RUSSIAN, per, Zhur Neorgan Khim, No 6, 1962,  
pp 1399-1402.

CS

Sci

Apr 63

~~232, 461~~

233, 461

The Ternary System LiF-MgF<sub>2</sub>-CaF<sub>2</sub>, by V. T.  
Berezinskaya, G. A. Bakhalova, 2 p.

RSSSRM, per., Zhur Neorg Khim, Vol IV, No 4,  
1959, pp 902-905.

Cleaver-Hume Press Ltd.  
London

D  
Sci-Chem  
Jan 60

106,530

The Li, Mg, Fe II Ternary System, by G. A.  
Pechlivanov, V. T. Berezhnaya, 3 p.

RUSIAN, per, Mifur Neorg Khim, Vol IV, No 5,  
1959, pp 1141-1145.

Cleaver-Hume Press Ltd.  
London

EST-C4600  
Jan 68

100-200

The Li, Na, K, Sr // F quaternary System, by  
V. T. Berezhnaya, G. A. Bukhalova, 5 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol V, No 9,  
1960, pp 2061-2070.

Cleaver-Hume Press

165, 234

Sci  
Aug 61

Fusion Diagram of the Quaternary System of Lithium,  
Sodium, Potassium, and Barium Fluorides, by  
V. T. Berezhnaya, G. A. Bukhalova, 6 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol VI,  
No 3, 1961, pp 687-698.

Cleaver-Hume Ltd

Sci

May 62

195,408

Quaternary System of the Fluorides of Lithium,  
Sodium, Potassium, and Calcium, by G. A.  
Bukhalova, V. T. Berezhnaya, 4 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol V, No 2,  
1960, pp 456-468.

Cleaver-Hume Press

Sci

Nov 60

132,059

4  
Therapeutic Transport Splint for Frac-  
tures of Pelvic Bones, by I. P. Bere-  
zhnov

RUSSIAN, mo per, Voyenno Med Zhur, No 9,  
Moscow, Sep 1958, pp 91-93

US JPRS/NY 1108

Sci-Med  
Jan 59

79,657

Multicomponent Systems Represented by Bochvar's  
Method for the Technology of Silicates, by R. L.  
Reznik, A. Berezhnoi.

per  
~~FRENCH, RENAUD, Bulletin De L'Academie Des Sci.  
De L'USSR, Cl. d. Sci. Tech., No 1, 1947.~~

Brutcher Tr 2028

Scientific - Chemistry \$3.50

15,843

Working Practice for Wooden Pipelines in Fill and  
Clayey Foundations, by A. A. Berezhnoi, 7 pp.

RUSSIAN, no per, Gidrotekhn Stroitel', Vol XV, No 11,  
1946, pp 23-24.

Sci Tr Center RP-367

Scientific - Engineering

10,158

On the Estimation of Regional Corrections  
to the Median Radiograph, by G. V. Borkovskaya,  
6 pp.  
BUREAU, part, Geological & geophysical, No 9,  
September 1964, pp 111-115.  
JUL 23 2003

TO

Sov.-For Sov. & Amer.  
Feb 65

273,869

Increase of the Strength of Glass by Means of Pro-  
longed Annealing at High Temperatures, by I. I.  
Kitaigorodsky, A. I. Berezhnoy, 6 pp.

RUSSIAN, no per, Staklo i Keramika, Vol XIII, No 6,  
Jun 1956, pg 7-12.

Consultants Bureau

Sci - Engineering  
Mar 57

44f, 6 36

<p>Berezhnoi, A. S. SOME DATA ABOUT CONSTRUCTION AND CHARACTERISTICS OF THE CaO -MgO -Fe<sub>2</sub>O<sub>3</sub> SYSTEM. [1963] 31p 7refs Order from OTS, SLA, or ETC \$3.60 TT-63-20399</p> <p>Trans. of Voprosy Petrografii i Mineralogii (USSR) 1953, v. 2, p. 281-305. (Abstract available).</p> <p>DESCRIPTORS: *Minerals, Ceramic materials, *Calcium compounds, *Magnesium compounds, *Iron compounds, *Silicon compounds, Oxides, *Phase studies, *Recrystallization, Chemical reactions, *Bricklettes, Adhesion, Microstructure.</p> <p>The CaO- MgO- Fe<sub>2</sub>O<sub>3</sub>- SiO<sub>2</sub> system was investigated with the purpose of obtain its most essential charac- teristics for the application in the fire-resistant material technology. Determination was made of phases which are in equilibrium with each other. (Materials--Ceramics, TT, v. 11, no. 3) (over)</p>	<p>TT-63-20399</p> <p>1. Title: Fire-resistant materials</p> <p>I. Berezhnoi, A. S.</p> <p>Office of Technical Services</p>
---	---

TT-65-27158

Field 6C

Bereznoi, I. P.  
DIE MECHANISIERUNG DER MUTTERPFLANZUNGE  
VON SCHWACHWUCHSIGEN APFELUNTERLAGEN  
(Mekhanizatsiya na Matochnoi Piantatsii Slaboroslych  
Podvoev Yabloni). 5p. MTWL-1275.  
Order from ETC; \$1.10 as TT-65-27158

Trans. In German of Sadovodstvo (USSR) v101 n5 p29-30  
1963.

I. Stichting voor Moeilijk  
Toegankelijke Wetens-  
schappelijke Literatuur,  
Delft (Netherlands)

European Translations Centre

Objects From Ukraine Disseminated by P. P. Shchukin,  
A. S. Kuznetsov, T. S.  
BURNAK, M. Tcherniakov, Koronov & Ogranikov,  
Gosudarstvennoe, 1942, pp 286-399. 9402541

PTD-17-63-1022

Sci - Chem  
Mar 64

251,572

Silicon and Its Binary Systems, by A. S.  
Berezhnay, 256 pp.

RUSSIAN, mono, Kremniy i yego Binarnyye  
Sistemy Kiev, 1958.

CB

203, 233

Sci

Jun 62

Properties of Basic Burned-in Open-Hearth Bottoms,  
by A. S. Berezhnoi.

<sup>36.</sup>  
RUSSIAN, per, Stal, Vol VIII, No 1, 1949, pp 28-36

Bratcher Tr No 2467

14,653

Scientific - Min/Metals \$8.80

Investigation of System  $MgO-CaO-TiO_2-SiO_2$  (From  
the Point of View of its Utilization in the  
Technology of Super Refractories. Communication III.  
Sintering Behavior and Rate of Growth in Recrystalliza-  
tion of Refractory Compounds. Properties of Re-  
fractory Products in System Mentioned, by A. B.  
Berezhnoi.

RUSSIAN, per, Ogneupory, Vol XV, No 11, 1950,  
pp 493-504.

15, 816

Brutcher Tr No 2845  
(Russia) (Mines Dept., Mineral  
Experimental Station, Novosibirsk  
Tensile)

Scientific - Chemistry

Contribution to the Study of the Physical  
Chemistry of Periclase in the System  $\text{CaO} - \text{MgO} - \text{Al}_2\text{O}_3 - \text{Fe}_2\text{O}_3 - \text{SiO}_2$ , by A. S. Berezhnoy.

RUSSIAN, per Zhur. Prikl. Khim., Vol 21, No 7,  
pp 717-731, 1948

See Watford: Building Research Station.  
Building Research Library. Com No 416. 59/3262

Sci Museum Lib No 50/3262 - London

See Bratcher Trans, 2409, 8<sup>90</sup>  
CIA/FDD/X-85 A-699

Investigation of System  $MgO-CaO-TiO_2-SiO_2$ . (From  
the Point of View of its Utilization in the Technolog  
of Auper Refractories). Communication II. Silica-  
containing Systems, by A. S. Bershnoi.

RUSSIAN, per, Ogneupory, Vol XV, No 10, 1950,  
pp 446-453.

Brutcher Tr No 2729

15,808  
Scientific - Chemistry

\$7.20

Relation Between Molding Pressure and Porosity of  
Unfired Refractory Products, by A. S. Bereshnoi.

RUSSIAN, per, Ogneupory, Vol XII, No 3, 1947.

Brutcher Tr No 2095

Scientific - Chemistry \$3.50

14,657

Sintering of Powders and Related Processes by A. S.  
Borozhnoi.

RUSSIAN, per, Ogneupory, Vol XIII, No 6, 1948,  
pp 256-266.

Brutcher Tr No 2889

CONTINUED - Chemistry

In the Theory of Molding Refractory Products of  
Non-Plastic Masses, by A. S. Berezhnoi.

RUSSIAN, per, Ogneupory, Vol XIII, No 7, 1947,  
pp 322-325.

Brutcher Tr No 2196

(*Ogneupory*)  
Electro Tech Exper Sta  
Scientific - Chemistry      \$2.95 (New York)

15,815

Investigation of System MgO-CaO-TiO<sub>2</sub>-SiO<sub>2</sub> (From the Point of View of Its Utilization in the Technology of Super Refractories), by A. S. Berezhnai.

RUSSIAN, per, Ogneupory, Vol XV, No 8, 1950,  
pp 350-359.

Scientific - Chemistry

Brutcher Tr No 2728

\$9.40

14,655

The Similarity Method in Mass Transfer Studies,  
by A. G. Usmanov, A. N. Berezinoy, 4 pp

RUSSIAN, per, Zhur Fiz Khim, Vol XXXIV, No 4,  
1960, pp. 907-920.

Cleaver-Hume Press

Sci  
Feb 61

140,639

The Physical Chemistry of Periclase in  
the System CaO-MgO-Al<sub>2</sub>O<sub>3</sub>-Fe<sub>2</sub>O<sub>3</sub>-SiO<sub>2</sub>, by  
A. S. Berezhnoy, 19 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXI,  
1948, pp 717-731.

SLA R-2169

Sci

Aug 58

72,157

Formation of Spinellicides and Similar Compounds  
at High Temperatures, by P. P. Budnikov (Moscow),  
A. S. Berezhnoi (Khar'kov), 50 pp. (AF 61037).

RUSSIAN, bimo per, Uspekhi Khimii, № Vol XVII,  
No 5, 1948, pp 585-605.

AMC F-TS-6699-RE

USSR

Scientific - Chemistry, compounds, spinellides

A. 697

Some Principles of the Search for New  
Refractories, by A. S. Bereznoi, 7 pp.

RUSSIAN, per, Ogneupory, No 7-8, 1963,  
pp 341-347.

CB

Sci  
May 64

258, 741

The Structure and Properties of the System MgO-ZrO<sub>2</sub>-SiO<sub>2</sub>. II. Reactions in the Solid Phase and Sintering in the System MgO-ZrO<sub>2</sub>-SiO<sub>2</sub> and a General Summary of Investigations, by A. S. Borozhnoy, L. I. Maryakin.

RUSSIAN, per, Ogneupory, Vol XVII, 1952, p 211.

SLA 60-12953  
DSIR LIU M.1149  
(loan)

122,546

Sci - Chem

Aug 60

The Representation of Multi-Component Systems, by  
R. L. Pevner, A. S. Berezinoy.

RUSSIAN, per, Byul Ak Nauk USSR, No 1, 1947,  
pp 113-.

DSIR LIU M.1394  
(loan)

Sci - Math

Sep 60

127, 037

Contribution to the Theory of Liquid Sintering  
and Effect of Pressure on Sintering, by A. S.  
Berezinoy. UMCL

RUSIAN, per, Ogneupory, Vol XIII, No 8, 1948,  
pp 351-361.

(25s.)

DBIR LLJ R73 1462  
SL A = 61-13561

Sci - Min/Met  
May 80

116,602

Some Data on the System  $\text{Al}_2\text{O}_3$  -  $\text{TiO}_2$  -  $\text{ZrO}_2$ , by  
A. S. Berezhnoi, N. V. Galko, 5 pp.

REVIEWED, per, Dopovidi Ak Nauk Ukrains RSR, Vol.,  
1955, pp 77-81.

ASIS Tech Serv 86J14U  
ATS UJ-857

Jul 58

69, 931

Principles of Wear-Resistant Refractory Production with a View to Modern ~~XXXX~~ Trends in the Development of Steelmaking Processes, by A. S. Berezhnoy, 5 pp.

RUSSIAN, per, Ogneupory, No 3, 1960, pp 97-104.

Acta Metallurgica

Sci  
Aug 61

167, 061

Technology of Ceramics and Refractories, by  
P. P. Budnikov, A. S. Berezinoy, et al., 79 pp.

RUSSIAN, bk, Tekhnologiya Keramiki i Ogneuporov,  
Gosudarstvennoye Izdatel'stvo Literatury po  
Stroitel'stvi, Arkhitektury i Stroitel'nym  
Materialam, Moscow, 1962, pp 374-396, 400-409,  
421-429, 9683139

FTD-TT-63-104

Sci-Chem  
Jun 63

232,449

~~Calculus and the Binary Systems~~, NY A. S.

Berezinoy, 275 pp.

RUSSIAN, bk, 1958.

CB

Sci - Chem  
Jan 61

QD  
181 137,701  
.S6  
B38  
E5