

On the Acceleration of the Ageing Process in Alloys
of Aluminium With Magnesium Under the Influence of
Small Admixtures of Silver and Zinc. On the Question
of the Causes of the Effects of Small Admixtures on
the Kinetics of the Ageing of Alloys III, by V. I.
Arkharov, I. P. Berenova, L. M. Magat, 11 pp.

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Pergamon Press

Sci

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Dec 59

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OIS 63-11106-1
PL-180

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The Polish Atomic Reactor EWA at Swierk, by
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No 17, 10 Sep 1960, pp 510-516.

JPRS 8422

Sci - Phys

Jul 61

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(FDD 28219)

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During 1951-1954, by A. G. Grigoryeva,
Berenshteyn, 2 pp.

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Immunolog, No 4, Moscow, Apr 1956, pp 82.

CIA/FDD U-9016

Sci - Medicine, epidemiology
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Data on Immunization Against Grippe With Zhdanov
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3 pp.

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Immunobiol, No 9, 1954, pp 16-20.

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Sci - Medicine
Jan 1957, CTS/dax

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The Effect of Cadmium and Zinc Salts on Blood
Pressure in Animals, by F. Ya. Berenshtein,
I. A. Edelshtein, 3 pp.

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No 6, 1957, pp 67-69.

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Sci - Med

Aug 58

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(FDD 25859)

Significance of the Angioreceptors in the Mechanism
of the Hyperglycemic and Hypertensive Action of
Adrebalin, by F. Ya. Berenshteyn, I. A. Ebel'shteyn,
13 pp.

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CIA/FDD/U-7843

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Sci - Medicine, pharmacology

Chemical-Spectrographic Method for the
Determination of Niobium in Ores and
Similar Materials, by L. E. Berenshtein.

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BB 5736

Sci-Min/Met
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Vol III, No 3

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Control System of a New Series of Medium-
Capacity Turbines, by M. G. Berenshtein, et al.

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MLL M. 3587

Sci - Engr

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A Bacteriological Examination of the Effect of Sodium Fluoride in the Root Canal of Extracted Teeth, by F. B. Berenson, 6 pp.

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Use of Sodium Fluoride in Caries, by F. B. Berenson,
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Prevention of Corrosion on the Skin of
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Removal of Carbon Deposits From Oil Radiators,
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pp 27-30. CIA 603709

ATIC F-TS-10083/V

Sci - Aeronautics
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61-28176

Borenson, S. P.
THE LACQUER-FORMING PROPERTIES OF OILS IN
THE VAPOUR PHASE, tr. by Lionel Motc. [1961]
[Sb. 6 refs. TRC Trans. no. 1050; [DSIR LLL]
M420].
Order from OTS or SLA \$1.10 61-28176

Trans. of Khimiya [i] Tekhnologiya Topliv i Masel
(USSR) 1960 [v. 5] no. 10, p. 38-41.

DESCRIPTORS: *Oils, *Vaporization, *Variables,
*Phase transitions, Physical properties, Chemical
reactions.

Tests indicated that vapour-phase lacquer-formation
represents one of the important elements in the pro-
cess of formation of lacquer deposits. The intensity of
the lacquer-formation in the vapour phase depends on
the temperature, chemical and fractional composition
(Chemistry-Physical, TT, v. 7, no. 6) (over)

I. Borenson, S. P.
II. TRC Trans-1050
III. DSIR LLL M. 4001
IV. Thornton Research Centre,
Shell Research Ltd.
(Gr. Brit.)

197079

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Berenstecher, Otto.
MOULD PLATE FOR THE MANUFACTURE OF
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[1961] 3p. 1 ref.
Order from OTS or SLA \$1. 10

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Trans. of German patent 965 921, cl. 31c, gr. 808,
int. cl. B 22d, S5707V1/31c, by Siemens Schuckert-
werke, Aktiengesellschaft, pat. from 1 Sep 44,
appl. pub. 21 Feb 52, grant pub. 13 June 57.

DESCRIPTORS: *Structural shells, *Casting, Metal
plates, Molding, Molding materials, Industrial
production, Heating elements.

The mould plates are made as thermically adjustable
bodies such as electrical heating elements.

(Metallurgy, TT, v. 6, no. 9)

(over)

I. Berenstecher, O.
II. Patent (Germany) 965 921

Office of Technical Services

The Obtainment of Magnesium Base Zirconium Ligature,
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10 pp.

USSIAN, per, Iz Vysshikh Ucheb Zaved, Tsvetnaya
Metallurgiya, No 1, 1959, pp 91-98.

ATIC WCL-213/1

Sci - Chemistry
ec 60

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Metallothermal Method in Producing Zirconium Master
Alloy, by A. I. Layner, M. A. Kolenkova,
Ye. K. Barant, 12 pp.

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ATIC MCL-246/III

Sci - Min/Met

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61-16646

Berents, L. L., Ershov, N. V. and Kazarnovakaya,
M. A.
DESULFURIZATION OF GASOLINE, LIGROINS AND
DIESEL FUELS. [1961] 8p. 6 refs.
Order from OTS or SLA \$1.10 61-16646

Trans. of Akademiya Nauk SSSR. Otdelenie Tekhni-
cheskikh Nauk. Izvestiya, 1942, no. 3/4, p. 11-19.

DESCRIPTORS: *Gasoline, *Fuel oil, *Oils, *Sulfur,
Separation.

I Berents, L. L.
II Ershov, N. V.
III Kazarnovakaya, M. A.

Berents, L. I.
VELOCITIES OF CRACKING OF NARROW OIL
FRACTIONS AND THEIR MIXTURES. [1961] 7p.
13 refs.

Order from OTS or SLA \$1.10 61-16886

Trans. of Akademiya Nauk SSSR. Otdelenie Tech-
nicheskikh Nauk. Izvestiya, 1940, n. 9, p. 99-108.

DESCRIPTORS: *Oils, *Hydrocarbons, Decomposition,
Velocity, Gasoline, Fuels.

Increasing the extent of cracking of an individual nar-
row fraction to 50% results in a reduction of the crack-
ing velocity, which confirms the view of Frost and
Dintzes concerning the retarding effect of cracked
products on the cracking reactions. The cracking ve-
locities of mixtures of narrow fractions do not follow
the rule of additivity. They are considerably lower
than velocities of decomposition of the initial individual
fractions. (Author)
(Engineering--Chemical, TT, v. 6, no. 5)

61-16886

I. Berents, L. I.

Office of Technical Services

61-16885

Berents, L. I.

THE CHARACTER OF DECOMPOSITION OF MIXTURES OF OCTANE AND ISOOCTANE. [1961] 5p. 7 refs.

Order from OTS or SLA \$1.10

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I. Berents, L. I.

Trans. of Akademiya Nauk SSSR. Otdelenie Tekhnicheskikh Nauk. Izvestiya, 1940, no. 8, p. 47-50.

DESCRIPTORS: *Hydrocarbons, Decomposition, *Octanes.

Cracking of mixtures of pure normal octane and 2, 2, 4-trimethylpentane in a quartz coil at 580° C. and 1-1.3 second reaction period was investigated in an attempt to determine the mechanism of the reaction. The results indicate that the reaction is not unimolecular. The curve for the dependence of the rate of cracking upon the composition of the mixture possesses a maximum revealing a mutual effect of the two hydrocarbons in their thermal conversion. (Author)

(Chemistry--Organic, TT, v. 6, no. 5)

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<p>Berenyi, D. TOBACCO CULTIVATION IN HUNGARY WITH SPECIAL ASPECT OF THE COUNTY OF SZABOLOCS. [1961] [22]p. Available on loan from SLA 62-10390</p> <p>Trans. of unidentified Hungarian mono., n. p., n. d.</p> <p>DESCRIPTORS: *Tobacco, *Plants, Growth, Processing, Agriculture, Hungary.</p> <p>(Agriculture--Plant Cultivation, TT, v. 7, no. 4)</p>	<p>62-10390</p> <p>I. Berenyi, D.</p> <p>191195</p> <p>Office of Technical Services</p>
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The Second Tisza Water Stage. The Extraordinary
Session of the Danube Commission, by J. Smut and
L. Szonyi, 1 pp.
HUNGARIAN, per, ~~Tegegnetter~~ ~~Dunai~~ ~~Kelezi~~, No 11,
November 1963, pp 490-493, 518-519
DIA LN 027 67

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Berenyi, D.
TOBACCO CULTIVATION IN HUNGARY WITH
SPECIAL ASPECT OF THE COUNTY OF SZAROLOCS.
[1961] [22]p.
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I. Berenyi, D.

Trans. of unidentified Hungarian mong., n. p., n. d.

DESCRIPTORS: *Tobacco, *Plants, Growth, Processing,
Agriculture, Hungary.

(Agriculture--Plant Cultivation, TT, v. 7, no. 4)

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The Cloudburst of August 23, 1937 at Debrecen, by
Dezso Berenyi, Menyhert Kery, 17 pp.

HUNGARIAN, per, Debreceni Szemle, Vol IX, No 11,
1937, pp 264-274.

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Scientific - Geophysics CTS/DEX

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Speedometer According to the Acceleration
Principle, by Ludwig Borenyi, 6 pp.

GERMAN, Patent No 340,841.

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The Effect of Extenders on the Hiding Power of
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POLISH, per, Polimery Tworzywa Wielkocząstec-
zkowe, Vol IX, 1964, pp 15-17.
TTIS NS 228

Sci - Chem
Jul 66

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Device for Machining Bushes (Connectors) on Hot
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Sci Museum Lib
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Scientific - Electricity

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The Determination of Changes in the Nonuniformity
of the Caprone Fiber During the Manufacturing
Process, by A. V. Orlova, V. A. Bereskinov, 3 pp.

RUSSIAN, per, Zavod Lab, No 3, 1959, pp 339-340.

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CATALYTIC PURIFICATION OF GASES FROM
OXYGEN. [1963] 6p (figs omitted)
Order from OTS, SLA, or BTC \$1.10 TT-63-20383

Trans. of Khim[icheskaya] Prom[yshlennost'] (USSR)
1956, no. 2, p. 69-77. (Abstract available)

DESCRIPTORS: Gases, *Purification, *Oxygen,
*Hydrogenation, *Catalysis, *Nickel catalysts,
*Palladium catalysts, *Platinum catalysts, Reaction
kinetics, *Towers (Chemistry), Design.

The article contains a review of catalysts, kinetic
mechanism, methods of calculation of contact-
apparatus, and technological schemes of processing
for removal of oxygen from gases by catalytic
hydrogenation. (Author)

(Engineering--Chemical, TT, v. 11, no. 3)

TT-63-20383

I. Bereskow, G. K.
II. Slynko, M. G.

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Fuel and Additive for Spark Ignition
Internal Combustion Engines, by E. V.
Bereslavsky, 13pp.
BELGIAN, Patent 548,250, by Sinclair
Refining Co. U. S., filed 30 May 56,
CPSTI TT-64-18365.

E. V. Bereslavsky
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Sci - Materials
Mar 67

The Variation in the Mechanical Properties of
Non-Ferrous Metals and Alloys in Hydraulically
Extruding Them at High Pressure, by B. I.
Beresnev, L. P. Vereshchagin, Yu. N. Ryabinin,
7 pp.

RUSSIAN, per, Fiz Metal i Metallov, Vol VII,
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Aug 60

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Apparatus for the Study of the Plasticity of
Metals Under High Pressure, by B. I. Beresnev,
D. K. Dulychev, et al.
RUSSIAN, per, Zapadnaya Laboratoriya, Vol 80,
No 8, 1964, pp 1017-1019.
HB 6996

B. I. Beresnev

Sel/ M&M
May 65

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Some Problems of Large Plastic Deformation
of Metals at High Pressure, by B. I. Beresnev.

RUSSIAN, bk.

Pergamon Press

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Beresnev, B. I., Vereshchagin, L. F., and
Ryabinin, Yu. N.
CONDITIONS OF FLOW AND CHANGE OF ME-
CHANICAL PROPERTIES OF METALS DURING EX-
TRUSION BY LIQUID UNDER HIGH PRESSURE.
6 Mar 61, 3p. AID rept. 61-27; AD-254 396.
Order from OTS or SLA \$1.10 61-28290

Abstract trans. of Inzhenerno-Fizicheskii Zhurnal
(USSR) 1960, v. 3, no. 12, p. 43-48.

DESCRIPTORS: *Metals, *Metallurgy, Alloys, *Ex-
trusion, High pressure research, Liquids, Water
Mechanical properties, USSR, Hydroforming, Hydro-
static pressure.

An experimental method of metal extrusion by high-
pressure liquids is reported. In the preliminary ex-
periments ten liquids were tested as pressure-trans-
(Metallurgy, TT, v. 6, no. 12) (over)

61-28290

- I. Beresnev, B. I.
- II. Vereshchagin, L. F.
- III. Ryabinin, Yu. N.
- IV. AID-61-27
- V. Air Information Div.,
Washington, D. C.
- VI. AD-254 396

Office of Technical Services

Structural Defects and Plastic Strain of Copper
at High Pressures, by D. K. Bulychev, B. I.
Beresnev, 3 pp.

RUSSIAN, per, Dok Ak Nauk Physics Sections,
Vol CLVI, No 1, May 1964, pp 67-68.

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Doklady Sov Phys
Vol IX, No 5

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High-Pressure Hydraulic Compressor for Laboratory
Applications, by B. I. Beresnev, V. P. Ivkov,
3 pp.

RUSSIAN, per, Pribery i Tekh Eksper, No 5, 1961,
pp 162-165.

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Sci
Jul 62

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Mechanism of Photochemical Mercury Sensitized
Oxidation of Propane, by B. B. Bereslavskiy, N. V. Fok,
A. B. Nalbandyan, V. Ya. Shferin.
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RUSSIAN, ~~per~~, Dok Ak Nauk, Vol LXVII, No 3,
MAY 1949, pp 499-501.

AEC Tr 203

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Scientific - Chemist

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Installation for the Drawing Into Wire and the
Rolling in Freely Revolving Rolls of Metals in
Fluid Subjected to High Hydrostatic Pressure,
by Dr. I. Beresnev. UNCL

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pp 61-63.

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Rumanian Philosophical Journal Discusses Role
of the Party in Developing Socialist Awareness,
by Gh. Beresou, I. Dragan, 57 pp.

RUMANIAN, per, Cercetari Filozofice, No 1,
Jan/Feb 1961, pp 7-30.

JPRS 10600

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EEur - Rumania

Production of Theodolite Work in Combined Aerial-
Photo and Topographic Surveying, by I. Beresnev,
5 pp.

RUSSIAN, per, Geodesist, No 12, 1930, pp 40-43.

JPRS R-108-W/94

Sci - Eng - Geodesy

Feb 61

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SIAS 61-49777

The Change in the Mechanical Properties of Iron,
Deformed Through Extrusion by a High Pressure
Liquid, by Yu. N. Kyabinin, B. I. Beresnev,
B. P. Demyashkevich, 7 pp.

RUSSIAN, per, Fiz Metal i Metallov, Vol XI,
No 4, 1961, pp 630-633. 9676294

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192, 668

Sci - Min/Met

Apr 62

A Method of Investigation of the Effect of
Hydrostatic Pressure Upon the Mechanical
Properties of Prestrained Metals, by B. I.
Beresnev, L. F. Vereshchagin, Yu. N. Ryabinin,
3 pp.

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pp 736, 737.

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Abstracts of the Sociological Sciences of
Soviet Union by a Soviet, by G. A. ...
L. P. Vorobeychikova, Yu. N. Ivanov, 3000 words.

ASBE 1, 1957, 10-11, 1957, 1957, 1957, 1957
1957, No 5, pp 56-57.

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OSIR LLUM.1325 (cont.)

Effect of Hydrostatic Compression Upon the
Change of Physical Properties of Aluminium
After Large Plastic Deformation, by B. I.
Beresnev, L. F. Vereshchagin, Yu. N. Ryabinin,
5 pp. 9092634

RUSSIAN, per, Fiz Metal i Metall, Vol VII,
No 1, 1959, pp 128-132.

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Large Plastic Deformation of Metals at High
Pressures, by B. I. Beresnev, XXXX
L. F. Vereshchagin, Yu. N. Riabinin, L. D.
Livshits, 35 pp.

RUSSIAN, bk, Moscow, 1960.

MDF B-181
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Beresnev, B. I., Vereshchagin, L. F., and
Ryabinin, Yu. N.
ON THE EXTRUSION OF METALS BY A FLUID
UNDER HIGH PRESSURE (O Vydavlitvanii Metallov
Zhidkost'yu, Nakhodyashcheysya pod Vysokim
Davleniyem]. [1960] 7p. 8 refs.
Order from MDF \$4.50

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Trans. of A[kademiya]N[auk]SSSR. O[tdeleniye]
T[ekhnicheskikh]N[auk]. Izv[estiya: Mekhanika i
Mashinostroyeniye] 1959, no. 1, p. 128-132.

- I. Metals--Extrusion
- I. Beresnev, B. I.
- II. Vereshchagin, L. F.
- III. Ryabinin, Yu. N.
- IV. MDF B-178
- V. Friedman, Morris D., Inc.,
West Newton, Mass.

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(Machinery--Manufacturing, TT, v. 5, no. 9)

Characteristics of Extruding Metal by High-
Pressure Liquid at Elevated Temperatures,
by V. I. Beresnev, D. K. Bulychev,
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No 1, 1961, pp 115-122. 9671154

FTD MCL-1276/1

Sci - Min/Metal; Phys

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The Transformation and Synthesis of Carbohydrates
Report XI. Study of the Oxidation of Ketoses, by
V. M. Beresovskiy, L. I. Spreschunas, 8 pp.

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No 5, 1954, pp 855-858.

LC or SLA 59-10014

Sci - Chemistry
Feb 59

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The Air Adaptation Syndrome, by Maj H. Boreat,
MC, 20 pp. UNCLASSIFIED

Full translation.

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Service de Sante de L'Air, 3d Quarter, publ by
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AMS F-TS-7847

Scientific - Medicine, air, syndrome

A. 692

(NY-6503)

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JPRS 13341

Sci - Med

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Aminonitropyrimidines by Nucleophilic Substi-
tution Reactions

By Yu. F. Shvachkin, M.K. Berestenko, pp 5

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Potential Antimetabolites VII. Substituted
N-(Pyrimid-4-yl)-Aminoacids and Their
Derivatives, by Yu. P. Shvachkin, M. K. Berestenko,
6 pp.

RUSSIAN, *peyr*, *Zhur Obshch Khim*, Vol XXXIII,
No 9, 1963, pp 2842-2847.

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Contributions to the Theory of Weak and Strong
Interactions of Elementary Particles, 79
by B. V. Berestetskiy.

RUSSIAN, bk. Voprosy Teorii Sil'nykh i Slabykh
Vzaimodeistvii Elementarnykh Chastits.

Nov-Amberd, 3-14 April 1961.

AEC-tr-6632

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Berestetskiy, B.V.

Sci - NS

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Problems in the Theory of Strong and Weak
Interactions of Elementary Particles, by
V. B. Serestetskiy.

Russian, bk. Voprosy Teorii Sil'nykh i
Slabykh Vzaimodeystviy Elementarnykh
Chastits, 1960, pp 190.

*SFCOI

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Investigation of the Supermolecular Structure
of High Tenacity Viscose Cord Fibre, by V.A
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Sci -
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Helical and Ribbon Structures of Polyethylene,
by M. B. Konstantinopol'skaya, by
Z. Ya. Berestneva, V. A. Kargin, 5 pp.

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Mar, Apr 1963, pp 174-177.

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On the Calculation of Transistor Processes by
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Ca-1

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