

Sergei Eduardovich Frish (On His 60th Birthday);
I. P. Bogdanova, O. P. Bochkova, A. N. Zaidel',
V. M. Zakharova, Yu. M. Kagan, N. I. Kaliteevskiy,
N. P. Penkin, M. P. Chaika, A. M. Shukhtin, L. V.
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Vol II (69), No 5

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AKRE Tr 11/3/5/1165

Sci - Phys

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REIR L-LU M. 60/1/60/86, 168

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2 pp.

Full translation.

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Columbia Tech Tr

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AEC 2761

Scientific - Physics

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SLA-R-1471

Spectrographic Analysis of Gases at Pressures
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Sci - Phys
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(SF-1363)

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JPRS 4383

FE - Korea

Econ

Feb 61

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Amounts of Nickel in Indium, by V. M. Peshkova,
V. M. Bochkova, et al, 3 pp.

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AEC Tr-4453
PL-480

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(NY-5071)

The Strike of Yakutsk Communications Workers,
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JPRS 5916

Bochmann, G.
MASS CHANGES OF ANODIZED AND BARE ALUMI-
NUM CAUSED BY MOISTURE PICKUP. [1961] 8p.
(5 figs. omitted) 3 refs.
Order from SLA \$1.10

61-20743

Trans. of Metalloberfläche (West Germany) 1961,
v. 15, no. 5, p. 145-147.

DESCRIPTORS: *Aluminum, *Moisture, Humidity,
Surface properties, Anodes (Electrolytic cell),
Coatings, Thickness, Seals, Sheets, Aluminum alloys,
Metallurgical analysis.

The relation between mass changes of anodized and
bare 99.5% Al and Al3%Mg and the relative humidity
of the surrounding atmosphere were determined. The
results were discussed with special consideration of
the surface roughness and the thickness of the anodic
(Metallurgy--Light Metals, TT, v. 7, no. 8) (over)

61-20743

I. Bochmann, G.

Office of Technical Services

PLANS FOR TECHNICAL DEVELOPMENT OF RAILROAD
TRANSPORTATION FOR 1963, BY VLADISLAV BARTA,
BOHUMIL BOCHNAN, ET AL, 8 PP.

CZECH, PER, ZELEZNICNI DOPRAVA A TECHNINA, VOL X,
NO 12, 1962, PP 353-354.

JPRS 17765

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FEB 63

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Bochnar, D. A., Gambaryan, N. P., Stankevich, I. V.,
and Chistyakov, A. L.

A QUALITATIVE DETERMINATION OF THE STABILITY OF HETEROCYCLIC SYSTEMS WITHIN THE FRAMEWORK OF THE HÜCKEL APPROXIMATION.

[1963] 9p 2refs

Order from OTS, SLA, or ETC \$1.10 TT-63-20684

Trans. of Zhur[na]l Fiz[icheskoi] Khim[ii] (USSR) 1958, v. 32 [no. 12] p. 2797-2802. (Abstract available)

DESCRIPTORS: *Heterocyclic compounds, *Organoboranes, Chemical bonds, Stability, Atomic orbitals, Polynomials.

A purely qualitative method is proposed for deciding, within the framework of the Hückel approximation, the question of the presence of a "closed electron shell" in conjugated systems and, in this case, the question of the relative stability of such systems. This method con- (Physics--Molecular, TT, v. 11, no. 3) (over)

TT-63-20684

1. Title: Borepin
2. Title: Hückel approximation
3. Title: Molecular orbital theory

- I. Bochnar, D. A.
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(FDD 26468)

Selected Articles on the Physiology and Pathology of
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paratus, by G. B. Bochorishvili, 47 pp.

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CIA/FDD U-8742

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Sci - Medicine, physiology, pathology

Aug 56 CTS/DEX

NY-62317

Cytological Study of Smears Obtained From the Nasal
Cavity as a Method of Diagnosis of Malignant Tumors
of the Maxillary Sinus and the Ethmoidal Labyrinth, by
A. Sh. Bochorishvili, 6 pp.

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Vol XXIV, No 5, 1960, pp 619-623.

JPRS 9218

Sci - Med

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Bochner, W. Hahn, A. Racuber, 10 pp.

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SCL T-279

Sci -
Jan 60

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RUSSIAN, bk, 495pp

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81 Chancery Lane
London W.C.2.

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Bochvar, A. A. and Kuzina, V. V.
THE INFLUENCE OF THE CHARACTER OF CRYSTALLIZATION AND THE PERIOD OF CRYSTALLIZATION ON THE MOBILITY OF MOLTEN METAL BETWEEN GROWING CRYSTALS. July 47 [6]p.
ISI-313: [DSR LLJ] M.2816.
Order from OTS or SLA \$1.10

61-23173

Trans. of [Akademiya Nauk SSSR. Otdelenie Tekhnicheskikh Nauk. Izvestiya] 1946, no. 10, p. 1459-1462.

DESCRIPTORS: *Liquid metals, *Alloys, Crystallization, Crystals, Growth, Aluminum alloys, Copper alloys.

(Metallurgy, TT, v. 6, no. 5)

61-23173

- I. Bochvar, A. A.
- II. Kuzina, V. V.
- III. ISI-313
- IV. DSR LLJ M.2816
- V. British Iron and Steel Industry Translation Service

Office of Technical Services

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UK-30

A. A. BOCHVAR

New methods of accurate representation of multi-component
systems in a two-dimensional diagram

Izv. Akad. Nauk SSSR, No. 12, 851 (1944)

On loan: UK-30/ M. 1330 - English

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(NY-3001/10)

Nonferrous Alloys in Germany, by ~~L. M. Gazaryan~~,
8 pp.

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JPRS 5438

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Econ - Technological - Nonferrous Metals

Sep 60

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Effect of Temperature and Preceding Heat Treatment
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[Magnesium] Alloy, by A. A. Poshvar, et al.

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pp 32-37.

HB 4430

Sci - Engr

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Sci - Phys

Oct 60

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Interaction Between Plutonium and Other Metals
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No 1, Jan 1957, pp 135-138.

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Tr 3945
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Sci - Min/Metals
Aug 57

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Jun 58

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Sci - Phys

Jul 59

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Investigation of the Metallography of Plutonium,
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Konobeyevskiy, A.S. Zaymovskiy, G. Ya. Sergeyev,
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20 pp.

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Jun 59

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Recrystallization of Uranium by the Action of
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May 59

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HB 4410

Sci - Min/Met

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Failure of Castings Caused by Shrinkage Stresses
During Crystallization, as Related to Composition,
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Sci Min/Met

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AEC Tr 3268

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On the Relation Between the Ratio of the Heat
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Scientific - Nuclear Physics Jun 55 CTS

New Methods of Precise Representation of the Composition
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Scientific - Physics

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During Crystallization, as Related to Composition,
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Anomalous Structure in Slowly Cooled Compositions of the Eutectic Type, by A. A. Bochvar, I. V. Gikrev.

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Distribution of Microhardness Values Within a Single
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A.E.R.E. Tr 11/3/5/350

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Jan/Feb 61, 1400 words.
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(Machinery--Manufacturing, TT, v. 5, no. 8)

61-12809

1. Metals--Casting
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3. Welds--Fracture
4. Castings--Fracture
- I. Bochvar, A. A.
- II. HB-5029
- III. Brutcher, Henry, Altadena,
Calif.

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Relative Evaluation of the Means of
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(Example of Heat-Resistant Alloys), by
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OTS 60-16636

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Observations of V. N. Urintsev's Paper on the Bisulfite
Compound of 1, 4-Naphthoquinone, D. A. Ecolvar, A. S.
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~~No 11, Nov 1950, pp 2195 - 2197 (Russ p 2116).~~

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Scientific - Chemistry

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Times Data of Cosmic Radiation Received by
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Their Joint Orbital Flight, by I. A. Boshvar,
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NASA TT F-1094

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AT SEA, BY JERZY DOCIAN, 5 PP.

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JPM 14984

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MIL
AUS 62

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D. Bock, F. Gross, 15 pp.

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NIH 7-31-60

di - Med

pp 60

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SLA 59-10831

Sci - Med
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Vol 2, No 4

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Vol II, No 4

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EEur - Germany

Scientific - ~~Physics~~ Engineering

The Effect of Silent Electric Discharges on a Mixture
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PF

AMS-734120

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9 pp.

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AF 1135166

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Soc - Education

Sci - Miscellaneous

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GERMAN, Technical University, Darmstadt, 1955.

CIA D 300 111

ATIC F-TS-8661/III

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Scientific - Miscellaneous

Sociological

CTS 73/Oct 55

RAE 558
27, 7/6

Bock, H.
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Order from C. L. A. I. R. A. Laboratories, Church Street,
Welwyn, Herts, England £5 CLAIRA T. 12

Trans. of Zement-Kalk-Gips (West Germany) 1960,
v. 13, no. 7, p. 302-310.

DESCRIPTORS: *Furnaces, Operation, Nomographs,
*Calcium compounds, Oxides, Cement kilns.

(Materials, TT, v. 11, no. 4)

TT-63-22910

- I. Bock, H.
- II. CLAIRA-T-12
- III. Chalk Lime and Allied
Industries Research
Association (Gr. Brit.)

105152

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(HY-10)

A Simple Method of Preparing Anhydrous
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3 pp.

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JPRS 12024

Sci - Chem

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Jan 62

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DSIR 34426/CF

Sci - Phys
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MTX

Scientific - Medicine

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SLA Tr 2005

Sci - Med
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S.L.A. No 168/1956

Scientific - Medicine,

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Von 1900 bis 1960 Hamburg, 1963.
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Bock, Johannes.

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[6p] 23 refs

Order from SLA \$1.10

TT-63-20424

Partial trans. (p. 51-55) of [Handbuch der Experimentellen Pharmakologie (Germany) 1923] v. 1, p. 1-72

DESCRIPTORS: Carbon compounds, Monoxides,
*Carbon monoxide poisoning, *Cardiovascular system,
Toxicity.

(Biological Sciences--Toxicology, TT, v. 11, no. 4)

TT-63-20424

I. Bock, J.

II. Heffter, A.

III. Hübner

IV. Title: Circulation...

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Reduction of Pressor Effects by Salidiuretics
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SLA 60-16923

Sci
Vol IV, No 8
23 May 62

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SLA 59-10456

Sci - Med

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Vol 2, No 1

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18 pp.

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Jan 56 GTS/dex

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Vol 25, 1953, No 5, pp 245-248
CFSTI TT-64-18847

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61-10751

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DOGS (Vergleichende Untersuchungen über die
Wirkung von Noradrenalin und Angiotensin auf des
Elektrocardiogramm des Wachen Hundes). [1961]
17p. 20 refs.

Order from SLA mi\$2.40, ph\$3.30 61-10751

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(West Germany) 1960, v. 49 [no. 19/20] p. 890-904.

1. Norepinephrine--
Physiological effects
2. Vasomotor drugs--
Physiological effects
1. Bock, K. D.

Office of Technical Services

(Biological Sciences--Pharmacology, TT, v. 5, no. 9)

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