

Vocational Schools Slated for Upgrading,  
by S. Batyshev, 6 pp.  
RUSSIAN, np, Trud, Moscow, 3 Aug 1969, p 3.  
JPRS 48719

USSR  
educ  
Sept 69

*S. Batyshev*

390,817

Improved Training Programs for Industrial  
Workers Discussed, by S. Batyshev, 7 pp.  
RUSSIAN, per, Sotsialisticheskiy trud, No. 3,  
Mar 1967, pp. 91-94,  
JPRS 41507

6  
S. BATYSHEV

USSR  
Econ  
Aug 67

333,265

Conduct of Air Force Personnel Chided, by  
N. Batyukov, A. Guk, 6 pp.  
RUSSIAN, np, Krasnaya Zvezda, Moscow,  
9 Jan 1969, p 2.  
JPRS 47,436

*N. Batyukov*

USSR  
MIL  
Feb 69

375,824

52  
The Seasonal Fluctuation of Myocardial Infarction  
and the Time of Its Onset, by A. Baubinese.  
POLISH, per, Kardiologia, Vol 6, No 4, 1966,  
pp 68-70.

HEW-NIH

10-5-67

Baubinese, A.

Sci-B&M

Dec 67

346,124

136

**Preamplifier for Semiconductor Radiation  
Detectors, by J. Baucek, V. Poliva.  
CZECH, par, Jaderna Energie, No 1, 1968, pp 31-33.  
\*FTD-HT-23-1033-68**

Sci-Nucl. Sci.  
Nov 68

J. Baucek

The Significance of the Frequency Group for the  
Loudness of Sounds, by H. Bauch. 15 pp.  
GOVERNMENT USE ONLY  
GERMANY, per, Acustica, Vol 8, 1958, pp 40-45.  
NASA TT F-13083

H. Bauch  
oct/b and m  
sept 70

83

Flood Waves in Open and Closed Channels, by  
W. Bauch.  
GERMAN, per, Die Wasser-Wirtschaft, Vol 58, No 1,  
1968, pp 11-15.  
\*CFSTI TT 70-58163

Sci- Ear. Sci  
May 70

W. Bauch

19  
Integration in Dressing Control Stations, by  
J. Bauche, et al.  
FRENCH, per, Publ. Assoc. Techn. Sider,  
Franc., 1965, May 14, pp 18.  
SISSY 5180

Sci-Mat  
Aug. 67

*J. Bauche*

338,513

E. Baucher

Some Characteristic Values of Free Fatty Acids After  
Irradiation With  $\gamma$ -Rays, by E. Baucher, J. Washnittel, 5 pp.

GOVERNMENT USE ONLY

GERMAN, rpt, The Institute of Botanical Technical  
Microscopy and Organic Natural Products Research of  
Vienna Technical High School.

ARM/FSTC/HP-23-1210-71

Jan 72

116

Determination of the Masses of Ionized Clusters  
in Condensed Molecular Beams by an Electrical  
Retarding Field Method, by J. Bauckert, and  
O. F. Hagena.

GERMAN, per, Zeit. Naturforschung, Vol 20a,  
1965, pp 1135-1142.

MLL Ref: 9091.9F (Risley 1357)

AEC NP-TR-1376

Sci-Physics  
Jul 68

*J. Bauckert*

360,760

BAUCHINGER, M. and HUG, O. Chromosome  
aberrations resulting from irradiation of professional staff  
associated with radium-therapy.  
Fortschr. Geb. Rontg. Strahl. Nukl. Med. 109(1):97-103.  
(1968) (AAEC Lib/Trans 259)

SCHMID, E. and BAUCHINGER, M.    Time wise behaviour  
irradiation induced chromosome aberrations in humans  
Mutat. Res. 8:599-611 (1969)    (AAEC LIB/TRAN

X-Ray Diffraction Study of the Mineral Substance  
of the Bone and Tooth Enamel Fluorinated in  
Vivo, by C. A. Baud, et al. 68

FRENCH, rpt. its Composition, Properties and  
Fundamental Structure, Bristol, England, 1965,  
pp 32-33.

HEW NIH No 4-4-66

*Baud, C. A.*

Sci - B/M  
May 66

61,342

104

Construction Mechanization Under New  
System, by D. A. Baudel', S. K. Mekler,  
13 pp.

RUSSIAN, per, Mekhanizatsiya Stroitel'  
stva, Moscow, No 7, 1968, pp 24-27.  
JPRS 46418

/ci/Mech-Ind-Civil-Mar Engr 364,350  
Oct 68

*D. A. Baudel'*

Agency: AEC/Tenn.

F.O. Number: DRM-70-44

R-11651-D

12 May 1970

Title: Le Gisement D'Uranium Arlette Region  
D'Arlit - Republique du Niger

Authors: J. Baudet and Ch. Bizard

Source: 18p. paper dtd. December 1969

Language: French

Special Instructions: Please translate and  
type one copy.

*E Baudier*

Live Line Working at Electricite De France, by  
E. Baudier.  
FRENCH, per, Revue Francaise de l-Energie, No 213,  
July/Aug 1969, pp 474-487.  
CEEB-5602

July 71

A. N'Diaye Baudin

Development and Planning Seminar Reported,  
by A. N'Diaye Baudin, 9 pp.  
FRENCH, mp, Le Soleil, Dakar, 28 Mar 72, ...  
p 3; 29 Mar 72, p 5; 30 Mar 72, p 4;  
31 Mar 72, p 4.  
JPRS 55904

May 72

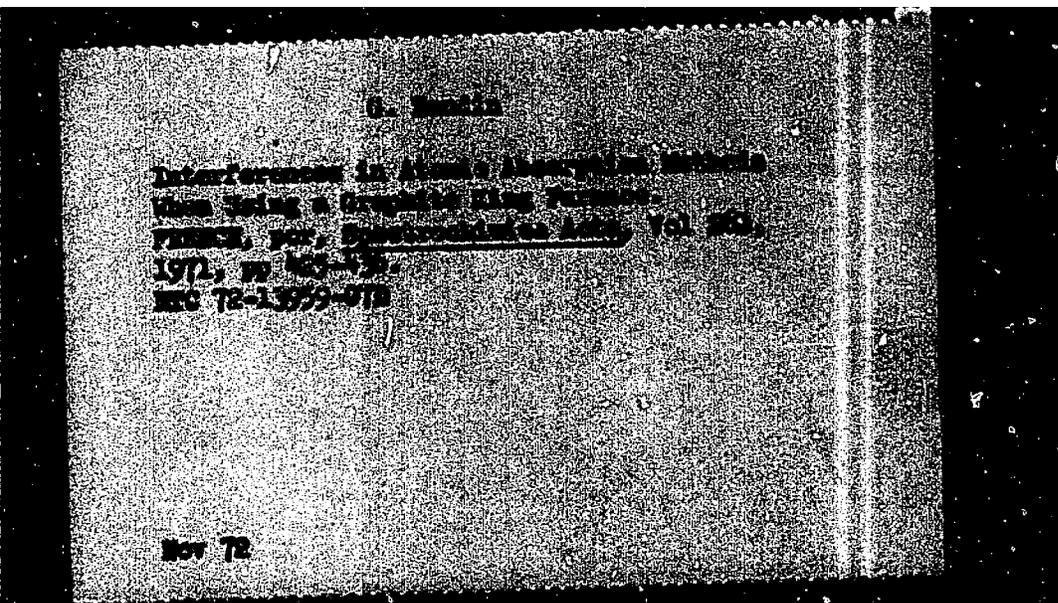
*A. N'Diaye Baudin*

Work of IDEP Seminar Reported, by  
A. N'Diaye Baudin, 9 pp.

FRENCH, np, Le Soleil, Dakar, 1-2 Apr 72,  
p 4; 6 Apr 72, p 3; 7 Apr 72, p 5; 8-9 Apr  
72, p 3.

JPRS 55996

May 72



Developments in Atomic Absorption Spectrometry,  
by C. Baudin, E. Pichotin, 13 pp.

GOVERNMENT USE ONLY

FRENCH, per. Bulletin d'Informations Scientifiques  
et Techniques, Paris, Sept 1969, pp 53-59.

JRS/L 3275

*C. Baudin*

Sci-Nucl Sci  
Feb 70

400,545

The Handling of Automatic Data in Gas Chromato-  
graphy, by J. Baudisch, 6 pp.  
GERMAN, per, Chromatographia, No 1, 1968,  
pp 443-445.  
CB/DEF/NTIC 2189-69

58

*J. Baudisch*

Sci/Elec  
Feb 70

200,220 400,220

Structural Investigations on Degraded Cellulose  
Fibers by Chemical Accessibility Methods, by S. Helling, J. Baudisch.  
CHEM, zur, ~~Angewandte und Experimentelle~~  
Vol 16, No 8, 1957, pp 318-320.  
HSC-69-18740-118

69  
70

J. Baudisch

Sci-Stat  
Sept 69

31.803

J. Baudisch

Automated Determination of Double Bonds, by  
J. Baudisch.  
GERMAN, per, Z Anal Chem, Vol 231, No 2, 1967,  
pp 137-142.  
ATS-GJ-1495

Apr 72

70  
An Investigation of the Thermal Stability of  
Formaldehyde Homo-polymerization and of For-  
maldehyde Copolymerization with the Aid of  
Derivatographs, by J. Baudisch,  
H. Zimmermann.  
ANGW, par, Plaste und Kautschuk, Vol 15,  
No 8, 1968, pp 549-554.  
REC-69-18976-111

J. Baudisch

Sci-Met  
Sept 69

391,831

On the Effect of Gel Particle Content of  
Viscose Spinning Solutions on the Strength  
of The Regenerated Cellulose Filaments  
Obtained Therefrom and on the Number of Particles  
Included in them as Determined by Dissolution  
in Form, by J. Baudisch, B. Philipp. 11 p.  
GERMAN, per, Faserforschung und Textiltechnik,  
Vol 15, No 4, 1965, pp 153-157.  
SLA TT-66-10555

*J. Baudisch*

Sci-MEM  
Jul 66

306,034

BAUER, A. and TROBISCH, K. Giant plant of Messrs.  
Farbwerke Hoechst A. G. for biological cleaning of industrial  
effluents.

Chemie-Ingr-Tech. 40(6):257-63 (1968) (GB 72/69/12)

42  
Historical Materialism and Social Forecasting.  
by A. Bauer, V. Kykhorn, 12 pp.  
RUSSIAN, par, Voprosy Filosofii, Moscow, No 9,  
1969, pp 15-24.  
JPRS 49778

A. Bauer

Sci-Cybernetics  
Feb 70

402,020

Forecasting and Dialectics, by A. Bauer, W. Eichhorn.  
18 pp.  
RUSSIAN, per, AN SSSR. Voprosy Filosofii. Institut  
Filosofii, No 10, 1968, pp 11-20.  
AIR/FTD-MT-24-236-70

*A. Bauer*

june 71

English Title Unknown, by A. Bauer.  
FRENCH, per, Expedition Glaciologique Internationale  
au Groenland, Vol 4, No 1, 1968, 78 pp.  
\*CFSTI TT 70-58203

A. BAUER

Sept 70

60  
Forecasting and Dialectics, by Adolph Bauer,  
Wolfgang Eichhorn, 14 pp.  
RUSSIAN, rpt. Voprosy Filosofii, Moscow, 1968,  
pp 11-20.  
JPRS 47226

*Adolph Bauer*

Sci-Cyber  
Jan 69

372,814

72  
Testing and Acceptance of Screws, Bolts, Nuts and  
Similar Threaded and Formed Parts, by C. O. Bauer.  
GERMAN, per, Draht Welt, Vol 54, No 6, 1968,  
pp 417-423  
BISI 6682

Sci/Materials  
Jun 69

385,052

C. O. Bauer

*E. Bauer*

The Installation of Single-Layer  
Bituminous Supporting Beds, by  
E. Bauer.  
GERMAN, per, Bitumen, Berlin, Vol 28,  
No 4, 1966, pp 97-101  
NTC 72-11439-13B

June 72

Phenomenological Theory of Crystallization on  
Surfaces, Part II, by E. Bauer.

GOVERNMENT USE ONLY

GERMAN, per, Zeitschrift für Kristallographie,  
Vol 110, No 576, 1958, pp 395-431.

NASA TT F-11,080

*E. Bauer*

Sci  
Dec 68

68.78

Phenomenological Theory of Crystallization on  
Surfaces, Part I, by E. Bauer.

GOVERNMENT USE ONLY

GERMAN, per, Zeitschrift für Kristallographie,

Vol 110, No 5/6, 1958, pp 364-394.

NASA TT F-11,889

*E. Bauer*

Sci  
Dec 68

368,784

Special Training Programs for Nuclear Energy,  
by Etienne Bauer, 11 pp.  
GOVERNMENT USE ONLY  
FRANCH, per, Energie Nucleaire, Vol. 9, No. 7,  
Paris, Nov 67, pp. 442-446.  
JPRS GDB 2667

Sci-Nuclear Tech.  
Jan 68

347,674

Sedimentation in Mountain Reservoirs, by F. Bauer, 83  
J. Burs.  
GERMAN, par, Die Wasser-Wirtschaft, Vol 58, No 4,  
1968, pp 114-121.  
\*CFSTI TT 70-58164

Sci- Ear Sci  
May 70

F. Bauer

Const-Falls in the Polishing of Sheets of  
Corrosion-Resistant Austenitic Steel, by  
F. Bauer, J. Hill.  
GERMAN, per, Rudex Rund., 1967, pp 63-640.  
BISI 6121

95

F. Bauer

Sci/Int  
Oct 68

353,353

Contribution Concerning Leds Durability at the  
Becherwerth Oxygen Stacks, by G. Bauer and  
J. Kowitzner,  
GERMAN, per. Stahl Eisen, Vol 89, No 10, 1969.

91  
92

9-2151 8200

pp. 1102-1105

Sci/Mnt  
Apr 70

G. Bauer

Measurement of the Absolute Value of Radiant  
Power, G. Bauer (21)  
GERMAN per, Optik Vol 26 No 4: 422-37, 1967/68  
CSIRO/No. 9576

G. Bauer

Sci-phys  
July 69

385,817

84  
roduction of Semi-Killed Steel in the Basic  
Converter, by G. Bauer, et al.  
GERMAN, Ver., Stahl Eisen, vol 87, 18 Nov 1967,  
pp 1435-1443.  
RESI 6152

Sci-Fat  
May 68

356.197

*G. Bauer*

81

Exchange Between the Cholesterol of  
Erythrocyte Surface and Bolle Plasma,  
by G. R. Bauer.  
GERMAN, Zelt Fuer Die Gesamte  
Experimentalle Medizin, No 121,  
pp 475-479, 1968.  
\*AEC

G. R. BAUER

SEP  
1968

71  
Studies on the Myxoblastoma Virus (BAI Strain  
A) of Chickens. I. Demonstration of the Virus  
and its Replication Kinetics in Chicken Fibro-  
blast Cultures, by H. Bauer, et al.  
GERMAN, per. Z. Naturforsch [B], Vol 20, No 10,  
1965, pp 960-965.  
HEW NIH 5-11-66

*Bauer, H.*

Sci/B4M  
Jun 66

303,755

47  
The Kinetic Organization of the Lepidoptera  
Chromosome, by Hans Bauer.  
GERMAN, per. Chromosoma, Vol 22, 1967, pp 101-  
125. P911043968

FAEC ONRL-tr-1817

Sci-B and B  
Jan 68

*Hans Bauer*

H. D. BAUER

The Effectiveness of Surface-Active Materials  
in Wet Dust Suppression with Cylindrical  
Grating Loaders.  
GLUECKAUF, Vol. 107, pp 161-169, 1971.  
NTC 73-10210-138

Mar 73

Metallographic Investigation of the Kinetics of  
Absorption and the Profile of Concentration of  
the System Nickel-Hydrogen, by H. J. Bauer.  
GERMAN, per, Zeit Angew Physik, Vol 28, 1969,  
pp 40-43.  
\*Nat Bur Stand TT 70-59132

phys

Sci-Chem

7-1 7-1

H. J. BAUER

Temperature Dependence of Spontaneous Magnetization  
of Ni-Cu 30 with Interstitial Occluded Hydrogen,  
by H. J. Bauer. 78

GERMAN, per, Zeit Angew Physik, Vol 26, 1969.

pp 87-90.

\*Nat Bur Stand TT 70-59133

Sci-~~9~~  
Jul 70

*Phy*

H. J. BAUER

The Influence of Cathodic Hydrogen on the Lattice  
Parameter of Ferromagnetic Ni-Cu Alloys, by

H. J. Bauer.

GERMAN, per, Zeit Naturforschung, Vol 22a, 1967,

pp 1468-1469.

\*Nat Bur Stand TT 70-59130

Sci-Phys

Jul 70

H. J. BAUER

Effect of Interstitial Hydrogen in Ni Cu Alloys on  
the Magnetic Properties as Followed by X-Ray Study,  
by H. J. Bauer.

GERMAN, par, Zeit Naturforschung, Vol 23a, 1968,  
pp 2023-2029.

\*Nat Bur Stand TT 70-59131

Sci-Phys  
Jul 70

H. J. BAUER

Isolation of a group-specific Antigen 68  
From the Chicken Myeloblast Virus, by  
Heinz Bauer, et al.  
GERMAN, per, Z Naturforsch [B], Vol 20,  
1965, pp 815-817.  
SER 514 1-23-66

HEINZ BAUER

US-Germany  
Sci/GEN  
MAR 66

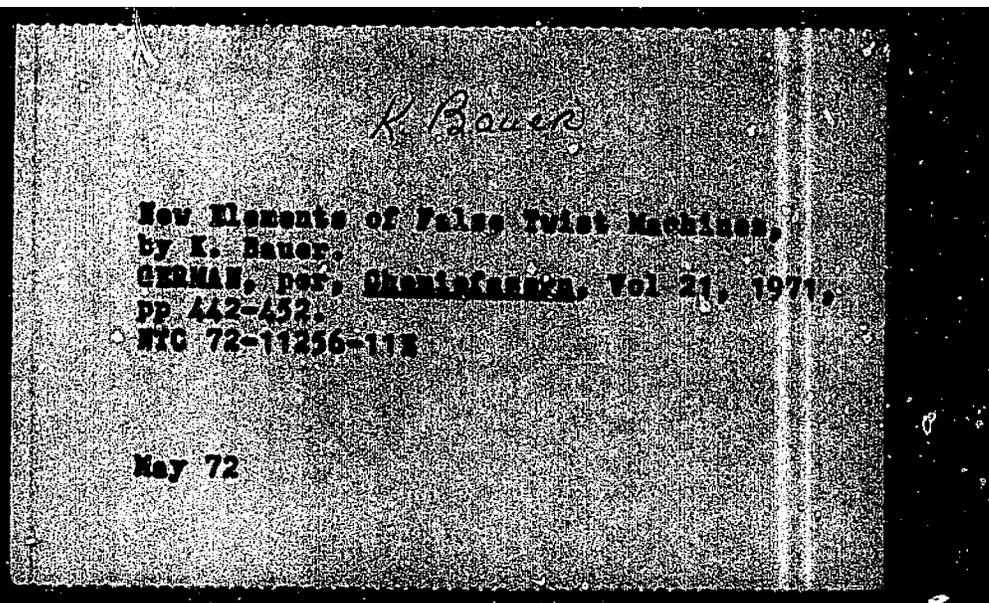
297,163

hydrothermal Synthesis of Chrysoberyl, by D. Nyki, 52  
J. Bauer, 29 pp.  
GIBMAN, per, Kristall und Technik, Vol 3, No 5,  
1968, pp 361-373.  
ABC/UCBL-Tr-10400

*J. Bauer*

Sci/Chem  
Feb 70

400,235



52  
Stabilized Cellulose, by K. Bauer, W. Holitor.  
GERMAN, per, Elektrotechnische Zeit, Ausgabe  
A. Zentralblatt fuer Elektrotechnik, Vol 89,  
No 18, 1968, pp 433-437.  
REC-69-16115-09C

*K Bauer*

Sci-Chem  
Feb 70

403,029

45  
The Chromatography of Proteins and Nucleic Acids  
on Paper and Thin Layers, by Klausdieter Bauer,  
18 pp.  
GERMAN, par. Chromatogr. Vol 32, 1968, pp 529-542.  
P911174068  
ABC-IA-1r-68-17

Klausdieter Bauer

sci/bax  
Jul 68

361,214

BAUER M

GE

POTENTIOSTATIC OXIDATION AND REDUCTION OF POR  
OUS NICKELELECTRODES IN ALKALINE E

BRAUNSCHWEIG TECH U INSTITUTE 1 JUN 72 PP 117  
-123ENERGY CONV JOURNAL

FSTC-HT-23-1207-73

86  
Effect of Water Soluble Polymers Combined with  
Dispersing Agents and Wetting Agents on the  
Stability of Azo Disperse Dyestuffs, by F. Wolf,  
H. Bauer.

GERMAN, per, Müllend Textilberichte, Vol 49,  
No 4, 1968, pp 456-470.  
NTC-69-16013-11C

*M Bauer*

Sci-Materials  
Feb 70

403,035

O. N. Bauer

The Study of Infectious Fish Diseases in the  
USSR.

RUSSIAN, per, Yessovuznyi Nauchno-Issledovatel'skii  
Institut Ozer'nogo i Rechnogo Rybnogo Khozvaistva.  
Izvestiya, Vol 69, 1969, pp 5-12  
NTC 72-12547-06C

Sept. 72

O. N. Bauer

Diseases of Pond Fishes, by O. N. Bauer.  
RUSSIAN, bk, Bolezni Prudovykh Ryb, 1969.  
\*NTIS TT 72-50070

Aug 72

R. Bauer

On selecting surface active agents for dust  
control in the mining industry

NEUE BERGHAUTMANN, Vol. 1, pp 464-473, 1971  
MTC 72-13107-01

mar 73

100  
The Arrangement of Hatches and Hatch covers in  
General Cargo Ships, by R. Bauer,  
GERMAN. per. Seewirtschaft, Vol 1, No 1, 1969,  
pp 37-40.  
NLL Ref: 9022.065 (3118)

Sci/Mech Engr  
Apr 70

R. Bauer

405,765

Lithium-Compounds in Aluminum Electro-  
lysis, by R. Bauer. 54

GERMAN, per, Chemiker-Zeitung-Chemische  
Apparatur, Vol 92, No 16, 1968, pp 575-  
78.

NTC 69-11494-07A

R. BAUER

Sci-Chem  
July 69

386,007

Experimental Research on Hela Cells After Sep-  
arate and Combined Use of Decortin and X-rays,  
by L. Peters, R. Bauer.  
GEMAX, per. Strahlentherapie, Vol 120, 1965, 148  
pp 577-585.      P911000867  
ARC NP-tr-1465

*R. Bauer*

SciPhysics  
Mar67

318,579

BAUER R

Gw

DEVICE FOR PROTECTING AND CAMOUFLAGING INFANT  
RYMEN

UNSOLICITED PROPOSAL - AMRC 70-2

FSTC-HT-23-0309-73

64  
Ionization in the Interior of a Satellite by  
Bremsstrahlung Produced by the Electron Component  
of Van Allen Radiation, by R. Bauerlein, 24 pp.  
GERMAN, rpt, BAWF-FB N 69-04, Jan 1969.  
AEC/ORNL-Tr-2202-70

*R. Bauerlein*

Sci/Phy  
Aug 70

45  
Calculation of the Radiation Dose in the Interior  
of a Satellite with Consideration of the Structure  
of the Satellite and the Angular Distribution of  
the Radiation, by K. Mohleben, K. Bauerlein,

29 pp.

GERMAN, rpt, OSMF-PA N 69-03, 1969.

AEC/OSML-Tr-2201-69

*R. Bauerlein*

DCI/OSM

Feb 70

400,199

The Periodicity of Spontaneous Pupil Unrest, by  
M. Bauermeister, H. Kunkel.

GERMAN, per, Archiv für Psychiatrie und Zeitschrift für  
die Gesamte Neurologie, Vol 209, 1967, pp 415-425.

Dept of Navy APL/JHU T-2531

M. Bauermeister

July 71

*REC.* (UCRL-Trans-10571) STUDY OF SELECTED MODES  
OF A  $\text{CaWO}_4:\text{Nd}^{3+}$  LASER. *Baues, Peter.* Translated for Univ.  
of California, Lawrence Livermore Lab., Livermore, from *Z.*  
*Angew. Phys.*: 26: No. 4, 286-91 (10 Mar 1969). 20p. Dep. NTIS.

physics; translations 20

MN-34 P NSA

On the Calculation of the Pressure  
rise on a Combustion Front, by  
N. N. Bazhmanov.

RUSSIAN, per, Zhur Prikl Tekh i Tekh  
fiz, No 1, 1965, pp 106-108.  
\*PTD-77-65-1771

Sci - Eng  
Nov 65

105  
N. N. Bazhmanov

Thickness of Permafrost Beds as an Index of  
Tectonic Structure of the Region (on the Example  
of the Northern Part of West Siberia), by

V. V. Baulin, 11 pp.

RUSSIAN, per, Geologiya i Geofizika, No 1, 1966,

pp 53-61. 942116566

DNB/Canada

324,466

Sci - Earth Sciences and Oceanography

Nov 66

143

Energy of Nuclei Formation in Liquid Silicochromium  
and Ferrosilicon, by B. A. Baum.

RUSSIAN, per. Izvestiya Vysshikh Uchebnykh  
Zavedeniy, Chernaya Metallurgiya, Vol 10, No 12,  
1967, pp 5-7.

\*AFCEL

B.A. Baum

Sci-Phys  
Nov 68

*F. Baum*

Development of a Simple Method for  
Measuring the Dust, Soot, and Tar Emission  
From House Furnace Using Solid Fuel, by  
F. Baum.

GERMAN, rpt, Schriftenreihe der Landesanstalt  
fuer Immissions- und Bodennutzungsschutz des  
Landes Nordrhein-Westfalen in Essen, 1968, pp 1-  
13.

NTC-71-10618-13B

Nov 71

46  
Studies on the Suitability of Synthetic Mustard  
Killing Agents for Food Preservation, by  
F. Baum.

GERMAN, per, Die Nahrung, No 7/8, 1967, pp 819-  
824.

ACSI J-4527  
ID 220401668

*F. Baum*

Sci-Chem  
Jun 68

359,666

75  
Theoretical Determination of a Blast Pulse Along  
the Generatrix of a Well and the Optimum Para-  
meters of a Well Charge, by F. A. Baum,  
G. S. Grigoryan, et al. 10 pp.  
RUSSIAN, rpt, Uchenyye Soobshcheniya po Nauchno-  
issledovaniyu Vzryva. Sessiya. 5th  
Sessiya, 1963, 1965, pp 4-14.  
AIR/PTU/A-23-1339-68

*F. A. Baum*  
sci/ earth sci  
sept 69

391,006

On Influence of Hydrostatic Pressure on  
Parameters of Underwater Explosion, by  
F. A. Baum, N. S. Sanasaryan, 13 pp.  
RUSSIAN, per. Fizika Goreniya i Vozryva, No 4,  
1965, pp. 52-62.  
JPRS 37560

125

F. A. BAUM

USSR  
Sci-Phys  
Sept 66

311,675