

Dynamic Compressibility and Equation of State of
Iron under High Pressure, by L. V. Al'tshuler, K. K.
Krupnikov, B. M. Ledenev, V. L. Zhuchikhin, M. I.
Brazhnik, 5 pp.

RUSSIAN, per Zhur Eksper i Teoret Fiz, Vol XXIV,
No 4, 1958, pp ~~686-687~~. 874-885

Amer Inst of Phys,
Sov Phys - JETP,
Vol VII (34), No 4

Sci - Phys

Nov 58

76,968

Methods of Determining the Economic Efficiency
of Underground Gasification of Coal, by M.
Altshuler, 7 pp.

RUSSIAN, per, Podz Gaz Ugley, 1957, No 4,
pp 63-67.

SIA 59-10206

Sci - fuels
OTS 1, 12
Jul 59

92, 310

Theory of Capillary Impregnation by Wetting
Liquids of Potous Materials with Dead-End
Capillaries, by M. A. Al'tshuler, 5 pp.

RUSSIAN, per Kollaid Zhur, Vol XXIII, No 6,
1961, pp ~~343-344~~ 646-651.

Sci

Oct 62

CB
ATS/RJ-3390

213,314

THE PREPARATION OF HYDROCARBONS OF A HIGH DEGREE OF
PURITY BY TEMPERATURE-GRADIENT CHROMATOGRAPHY, BY
O. V. AL'TSHULER, O. M. VINOGRADOVA, 3 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXL, NO 6,
1961, PP 1307-1309.

CB

SCI
JUL 62

204,378

(NY-2983).

Tantalum Refining by Removal of Niobium and Titanium
Impurities by the Ion Exchange Method, by O. V.
Al'tshuler, Ye. A. Subbotina, 9 pp.

RUSSIAN, per, Zhur Georgan Khim, Vol IV, No 1, 1959,
pp 28-32.

JPRS-L-1062-E

USSR

Sci - Chem

Dec 59

102,492

AEC-tr-4497(p.308-19) Uncl.

USE OF RADIOACTIVE SELENIUM FOR THE INVESTIGATION
OF THE SULFUR - SELENIUM SYSTEM. O. V.
Al'tshuler, G. N. Zviadadze, and D. M. Chizhikov.
Translated from Trudy Vsesoyuz. Nauch.-Tekh.
Konf. po Primenen. Radioaktiv. i Stabil.
Izotopov i Izlucheni v Narod. Khoz. i Nauke,
Moscow, 1957 (1958). Izotopy i Izlucheniya
v Khim., p.246-54.

C-4 P NSA

N-5

Investigation of the liquid-vapor equilibrium in the
System Sulfur-Selenium, by O. V. Al'tshulov, G. N.
Kotlyarsky Zviadadze, D. M. Chishikov, 10 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol II, No 7,
1957, pp 1581-1586.

ABC-Cr-4057

Sci - Chemistry

Doc 60

PBT 84

134,107

Separation of Niobium and Titanium by Ion
Exchange, by O. V. Altshuler, E. A. Subottina,
A. F. Afanasyeva, 17 pp.

RUSSIAN, per, Zhur Neorgan Khim, 1958, Vol III,
No 5, pp 1192-1199.

RIS R-730

Infocsearch Ltd

Sci - Min/Met

OTB I, 12

Jul 59

92, 333

The Role of Filtration of Selenious Sulfite
(Selenosulfate) Solutions in the Production of
Pure Selenium, by O. V. Al'tshuler, E. A.
Subbotina, F. F. Kharakhorin, 7 pp.

RUSSIAN, per, Zhur Prikl Khim, Vol XXXII, No 7,
1959, pp 1420-1425.

CB

Sci
Aug 60

122,420

Investigation of the Recovery of Selenium
from Alkaline Solutions, by O. V. Al'tshuler,
F. F. Kharekhorin, 3 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXI, No 5,
1958, pp 800-801.

Consultants Bureau

Sci - Chem

Jun 59

88,641

Heterogeneous Catalysis of H_2O_2 by Manganese
Compounds, by O. W. Altschuler, et al.
UFCL

RUSSIAN, per, Zhur Fiz Khim, Vol VIII, No 7,
1939, pp 907-

RAE 194

Sci - Chem
Dec 59

102,457

Paramagnetic Absorption of Sound, by S. A. Al'tshuler,
B. I. Kochelayev, et al, 24 pp.

RUSSIAN, per, Uspekhi Fiz Nauk, Vol LXXV, No 3-4,
1961, pp 459-500.

AIP
Sov Phys - Uspekhi
Vol IV, No 6

Sci
Aug 62

206,824

On Dorfman's Diamagnetic Resonance Effect, by S. A.
Al'Tschuler, B. M. Kozyrev, S. G. Salikhov, 1 p.

RUSSIAN, per, Zhur Eksper Teoret Fiz, Vol XXIV, No 4,
1953, pp 503, 504.

Morris D. Friedman

9092543

Sci - Physics
Mar 59

S-5132

(NY-2525).

Paramagnetic Resonance, by S. A. Al'tshuler,
19 pp.

RUSSIAN, per, Priroda, Vol XLVI, No 2, Moscow,
Feb 1957, pp 14-24.

JPRS-L-811-N

Sci - Physics
Jun 59

89,180

Electron Paramagnetic Resonance, by S. A. Altshuler,
B. M. Kozyrev. Approx. 450 pp.

RUSSIAN, bk.

*Academic Press Inc.

Sci - Phys

Jul 62

Electron Paramagnetic Resonance, by S. A. Aleksander,
B. M. Kozyrov, 61 pp.

RUSSIAN, per, Uspekhi Fiz Nauk, Vol LXIII, No 3,
1957, pp 533-573.

AEC-tr-3973
PL-480

Sci - ~~Electron~~ *Phys*

172, 610

Nov 61

PST 112

On the Theory of Longitudinal Relaxation of Paramagnetic Salt Solutions, by S. A. Al'tshuler, K. A. Valyev, 8 pp.

RUSSIAN, per, Zhur Ikaper i Teoret Fiz, Vol XXXV, No 4 (10), 1958, pp 947-958.

Amer Inst of Phys
Sov Phys - JETP
Vol VIII (35), No 4

Sci - Phys
Apr 59

85,942

Theory of the Acoustic Paramagnetic Resonance in
Crystals Containing Ions of the Iron Group, by
S. A. Al'tshuler, Sh. Sh. Bashkirov, A. M. Leushin,
2 pp.

RUSSIAN, per, Fiz Tverdogo Tela, Vol. III, No 5,
1961, pp. 1501-1504.

AIP
Sov Phys - Solid State
Vol. III, No 5

Sci

189,114

Mar 62

Resonance Paramagnetic Absorption of Ultrasound in
Some Salts of the Rare Earth Elements, by S. A.
Al'tshuler, M. M. Zaripov, and L. Ya. Shchekun, 5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXI,
No 6, 1977, pp 844-848.

SI-F-R-3226

Columbia Tech

Sci - Physics

Oct 58

74, 421

On the Theory of Paramagnetic Resonance in
Rare-Earth Metals, by S. A. Al'tshuler, 15 pp.

RUSSIAN, bimo per, Zhur Eksper i Teoret Fiz,
Vol XXVI, 1954, p 439-446, 9036396

Morris D. Friedman
\$7.50

USER
Scientific - Physics

OTS 65/Feb 55

21,323

SLA: 61-12870

Paramagnetic Lattice Relaxation of Hydrated Salts
of Rare-Earth Elements, by S. A. Al'tshuler, 12 pp.

RUSSIAN, per, Zhur Eksp. Teoret Fiz, Vol XXIV,
No 6, 1953, pp 681-690.

Morris D. Friedman - A-136
\$6.00

9092542

Sci - Minerals/Metals
Mar 59

84,396

On the Theory of Electronic and Nuclear Paramagnetic,
Resonance Under the Action of Ultrasound, by S. A.
Al'tshuler, 8 pp.

RUSSIAN, bimo per, Zhur Eksper i Teoret Fiz,
Vol XXVIII, No 1, 1955, pp 49-60. CIA C 40845

American Inst of Physics
57 East 55 St.
New York 22, N. Y.

Scientific - Physics

31,256

S.L.L. Jr R-915

Resonance Absorption of Ultrasound in Paramagnetic
Salts, by S. A. Al'tshuler, 8 pp.

RUSSIAN, bimo per, Zhur Eksper i Teoret Fiz.,
Vol XXVIII, No 1, 1955, pp 38-48. CIA C 40845

American Inst of Physics
57 East 55 St.
New York 22, N. Y.

Scientific - Physics

31,257

SLA In R-1027

Resonance Absorption of Sound in Paramagnetics,
by S. A. Al'tshuler, 8 pp. (

thick
RUSSIAN, *mo per*, Dok Ak Nauk SSSR, Vol LXXXV,
No 6, 12 Aug 1952, pp 1235-1238.

~~XXX~~ SLA Tr R-1035

Sci - Physics

54,608

Oct 57

On the Theory of Paramagnetic Spin-Lattice Relaxation,
by S. A. Al'tshuler, 7 pp.

RUSSIAN, no per, Iz Ak Nauk SSSR, Ser Fiz, Vol XX,
No 11, 1956, pp 1204-1214.

Columbia Tech

Sci - Phys
Jan 58

58,035

Paramagnetic Resonance, by E. K. Zavoiskiy, S. A.
Al'tshuler, B. M. Kozyrev, 7 pp.

Russian, no per, Iz Ak Nauk SSSR, Ser Fiz, Vol XX,
No 11, 1956, pp 1199-1204.

Columbia Tech

Sci - Phys
Jan 58

58,034

Paramagnetic Resonance Absorption in Crystalline
Powders of Some Compounds of Rare Earth Elements,
by S. A. Al'tshuler, V. Ya. Kurenev, S. G. Selikov.

Nauka
RUSSIAN, thrice-no per, Dok Ak SSSR, Vol LXX, No 2,
1950.

AEC tr 327

12.763

Scientific - Physics

Jan CTS

Investigation of Alkali-Metal Halides at High
Pressures and Temperatures Produced by Shock
Compression

By V.L. Al'tshuler, M.N. Pavlovskii pp9

RUSSIAN, per, Fizika Tverdoto Tela, Vol V, No 1,
1963, pp279-290

Amer Inst of Phys
Sov Phys - Solid State
Vol V, No 1

Sci

Cap 63

344 782
~~344 372~~

G. V. Polukarov's Method Used to Calculate the
Semi-Diurnal (M₂) Tide in the Baffin Sea and Davis
Strait, by V. M. Al'tshuler, O. A. Vladimirov.

RUSSIAN, per, Trudy Gosudarstvennogo Okeanograf Inst,
Vol LXIV, 1961, pp 112-117.

NLL ETS 2094

Sci - Geophys

Nov 62

217,550

61-13772

Al'tshuler, V. S. and Shafir, G. S.
OBTAINING GASES OF A GIVEN COMPOSITION
WHEN GASIFYING SOLID FUELS UNDER HIGH
PRESSURE. May 60 [8]p. 5 refs. Ministry of Power
Trans. T.175; [DSIR LLU] M.2290.
Order from OTS or SLA \$1.10

61-13772

Trans. of Khim[iya] Tekhnol[ogiya] Topliv i Masel
(USSR) 1958, v. 3, no. 7, p. 1-8.

DESCRIPTORS: *Coal gas, Production, *Methanes.

In order to determine conditions under which methane
is formed during pressure gasification of solid fuel,
experiments were carried out into the whole process of
gasifying low-temperature peat coke with steam/oxygen
mixtures of different ratios at pressures up to 50 atm,
as well as the processes occurring in the reduction
zone. Results show the possibility of obtaining a gas
(Engineering--Chemical, TT, v. 6, no. 9) (over)

- I. Al'tshuler, V. S.
- II. Shafir, G. S.
- III. MinPower T-175
- IV. DSIR LLU M.2290
- V. Ministry of Power
(Gt. Brit.)

Office of Technical Services

Peculiarities of Low-Temperature Carbonization of
Solid Fuel Under Pressure, by V. S. Al'tschuler, G. S.
Shafir, 12 pp.

RUSSIAN, bk, Khimicheskaya Pererabotka Topliva. Trudy
II Vsesoyuznogo Soveshaniya po Iskusstvennomu Zhidkomu
Toplivu i Tekhnologicheskim Gazam, 1957, pp 76-86.

OTS 60-51176
PL-480

Sci - Fuels

May 61

PST 104

15, 116

Poly-coking of Solid Fuels in Active Gaseous
Medium Under High Pressure, by V. S. Al'tshuler,
Shafir.

RUSSIAN, no per, Khim i Tekh Topliva, No 10,
1956, pp 45-55.

Tech and Comm

\$85.00

49,246

Sci - Chem
Jul 57

Low-Power Backward-Wave Tubes, by Yu. G.
Al'tshuler and A. S. Tatarenko, 231 pp.
RUSSIAN, bk, Lezgy Maloy Noshchnosti s
Obratnoy Volnoy, 1963, pp 1-296.
FI00016369-V
FTD-MT-65-273.

Sci-Physics
Feb 68

Yu. G. Al'tshuler

347,491

Calculation for Retarding System of the Double "Alternate" Finger Type, by Yu. G. Al'tshuler, A. S. Tatarenko, and S. V. Gershikov, 11 pp.

RUSSIAN, per, Radiotekh i Elektron, Vol II, No 5, 1957, pp 609-617.

Pergamon Inst

Sci - Electronics
Nov 58

76,162

(NY-6498)

Two-Row Ladder Delay System, by Yu.
G. Al'tshuler, A. S. Tatarenko, V. I.
Skokodunov, 18 pp.

RUSSIAN, per, Iz ~~VSEY~~ VUZ, MVO, Radiofiz,
Vol IV, No 1, 1961, pp 126-135.

JPRS 10349

174,895

Sci
Nov 61

On the Choice of the Elements of a Compensation
Circuit for the Thermal Frequency Changes of Quartz
Autogenerators, by G. B. Al'tshuller, V. A. Prokhorov,
15 pp.

RUSSIAN, per, *Elektrosvyaz'*, No 1, 1961, pp 24-32.

PP

Sci

Jul 61

161,178

Thermal Compensation of Frequency Changes in
Crystal Oscillators by the Capacitance of the
p-n Junction of Semiconductor Devices, by
G. B. Al'tsghuller, V. A. Prokhorov, 8 pp.

RUSSIAN, per, Radiotekh, Vol XV, No 11, 1960,
pp 39-44.

PP

Sci
Jun 61

156,383

The Effect of the Quartz Resonator Load Upon the
Frequency Stability of Quartz Oscillators, by
G. B. Al'tshuller, 8 pp.

RUSSIAN, per, Radiotekh, Vol XIV, No 12, 1959,
pp 45-49.

pp

156,150

Sci

Apr 61

Obtaining Gases of a Given Composition When
Gasifying Solid Fuels Under High Pressure, by
V. S. Al'tshuler, G. S. Shafir.

RUSSIAN, per, Khim i Tekh Topliva i Masel, Vol III,
No 7, 1958, pp 1-8.

DSIR LLU M. 2290

Sci - Fuels

169, 827

Oct 61

New Imperialism, by Anadolu Altug and Mehmed Arif

Director

TURKISH, rpt. Yeni Emperyalizm, Nov 66

IPRS CDD SF-4526

ALTUG, A

USSR

Socio, Education, Pol

Feb 67

318,109

The Soviets Wanted Me to Act as a Spy, by Anadolu
Altug,
TURKISH, np, Hurriyet, 7-10 Nov 66.

DC-12789

J-978/67

313,806

Nov 66

Navigation of the White Sea, by K. A. Altukhov.
RUSSIAN, bk, Navigation Belogo Morya. Materialy
po Kompleksnoy Issledovaniyu Belogo Morya,
Vol 1, 1957, pp 126-139.
*Dept of Navy HOO Trans 437

K. A. Altukhov

Sci-Data
Jan 69

Our Rubber Is Not Inferior to the Imported
Product, by M. Altukhov, 2 pp.

RUSSIAN, per, Sotsialisticheskoe Zemledelie, ~~1939~~
17 Sep 1939, p 3.

Sci Tr Center
RT-2338

29,109

USSR
Economic
Scientific - Chemistry

DEX Dec 55 CTS/DEX

Addition of -Halocethers to Isoprene, by
A. N. Pudovik, N. Altunina, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVI, No 6,
Jun 1956, pp 1635-1639.

Consultants Bureau

Sci - Chemistry
Jul 57

49,679

(NY-6499)

Best Operating Conditions for Voltage
Stabilizers, by A. M. Altukhov, 8 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved -
Seriya Radiotekhnika, Vol IV, No 4, 1961.

JPBS 13233

Sci

Apr 62

190,434

The Effect of Admixtures of Alkali Metals on the
Surface Tension and Micro-Hardness of Bismuth,
by I. P. Altunov, 3 pp.

thru me
RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCIII, No 5,
1953, p 845.

Sci Tr Center RT 2158

Sci Ma Lib Tr 55/0921

A.E.R.E. 506 25,176

Scientific - Min/Metals

Jul 55 CTS

Temperature Dependence of the Surface Tension
of Bismuth and Its Alloys with ~~Salt~~ Sodium
and Potassium, by P. P. Pugachevich, I. P
Altunov, 6 pp.

thrice-me
RUSSIAN, per, Dok E Ak Nauk SSSR, Vol LXXXVI,
No 1, 1952, pp 117-119.

Sci M^S Lib No 54/2678

Scientific - Min/Metals

Nov 1954 CTS

19,689

The Elaboration of and Changes in Conditioned
Reflexes During the Breathing of Oxygen Under
Pressure, by G. V. Altukhov and H. A. Agadzhanian,
7 pp.

RUSSIAN, per, Zhur Vysshey Nervnoy Deyatel'nosti
Imeni I. P. Pavlova, Vol IX, No 6, 1959, pp 865-
871.

PP

Sci

Oct 60

130,225

Effect of Vestibular Stimulation on Certain Body Functions,
by G. V. Aitakhov, V. I. Kapanov, et al, 6 pp.
RUSSIAN, per, Dok Ak Pedagog Med, RUSSE, No 1, 1968,
pp 97-101,

JPRS 23223

Sci-Misc
Feb 64

249,521

Emotional stress in Khabarovsk during 1944

Flight, by V. I. Vashchuk, G. V. Anshin.

10 pp.

RUSSIAN, per. in AN Zhuk SSSR, Seriya Biologicheskaya,
No 2, 1964, pp 306-311. 9093093

FTD-TT-64-334

Sci - Biol & Med Sci
Nov 64

269,078

(NY-6744)

A Study of Higher Nervous Activity in
Humans Under Conditions of Prolonged Stay
in a Rarefied Atmosphere, by G. V.
Altukhov, N. A. Agadzhanian, 11 pp.

RUSSIAN, per, Zhur Vyshey Nervnoy Deyatel',
Vol XI, No 4, 1961, pp 586-592.

JPRS 11652

Sci - Med

Jan 62

178,065

transmitted and forwarded the same and was received by the
 at the Department of the Interior, by W. A. Albright, Esq., Secretary,
 6 10.

Page 42

RUSSIAN, mp, Sovetskaya Priatolm, No 156 (2754),
20 Aug 1957, p 2. CIA 604394

ATTC P-105-9502711

Sci - Aeronautics
Nov 57

SLA: 61-15279

X-3000

(DC-2800/5).

Piloted Aircraft Development, by V. Altukhov,
4 pp.

RUSSIAN, np, Sovet Aviatziya, 18 Apr 1959.

JPRS-882-D

USSR
Mil
Aug 59

94, 622

Verification of Riphean Intrusion in Sangilen
(Tuva), by Ye. N. Altukhov, 2 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Earth Scien-e
Sections, Vol CLII, Sep, Oct 1963, pp

Amer Geol Inst

Sci
Jun 65

Cambrian Conglomerates of the Upper Reaches
of the Shurmak and Naryn Rivers (Sangilen
Highlands, Southeast Tazva), by Ye. N. Altukhov,
A. I. Luchitskaya, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Earth Science
Sections, Vol CXLVI, No 2, Sep, Oct 1962,
pp 422-425.

Amer Geol Inst

Oct 64

Sci

Oct 64

Yu. P. Altukhov

Basic Principles for the Investigation of
Intra-and Interspecific Differentiation in
Fish by Serological Methods.

RUSSIAN, per, Azovsko-Chernomorskii Nauchno-
Issledovatel'skii Institut Morskogo Rybnogo
Khovvaistva i Okeanografii, Trudy, No 22,
1964, pp 53-71
NTC 72-12550-06C

Sept 72

(NY-6821)

The Effect of Sex and Age of Some Fish on
the Thermostability and Degree of Serologic
Similarity of Their Muscle Proteins, by
Yu. P. Altukhov, 8 pp.

RUSSIAN, per, Tsitologiya, Vol III, No 5,
Sept-Oct 1961, pp 598-601.

JPRS 12752

Sci

187,994

Investigations of the Compressibility of
Carbon Dioxide at High Temperatures, by
M. P. Vakalovich, V. V. Altunin.
RUSSIAN, per, Tepluenergetika, Vol 10,
No 2, 1963, pp 92-93.
CSGB Digest
C.I. Trans 4720

V. V. Altunin

Sci-Chem
Dec 68

372,144

The Thermodynamic Properties of Carbon
Dioxide at Temperatures of 0-1000°C and
Pressures up to 100 Bars, by N. P. Vukalovich,
V. V. Altunin, 5 pp.

RUSSKIAN, per, Atom Energiya, Vol XV, No 3,
1963, pp 210-213.

CB

Sci
Aug 64

264,785

Fire Hazard in Room due to Thermal Radiation
from Nuclear Explosions, by H. Oennermark,
L. E. Altvall, et al.
INR0151, rpt. Royal Swedish Defense Research
Laboratory, FOA 4 Report A 4404-4612 of Dec 1964.
Dept of Navy ONI tr 2411

L. E. Altvall

Sci/Nuclear Sci
Aug 67

336,609

Inflammability of aerosol of formal radiation
tion similar to that from nuclear explosions, by 107
S. Omerzak, L. E. Altvall. 24 pp.
SHEDDEN, rpt, Nov 1964.
Dept of Navy ONI 2413

L. E. Altvall

Sci/Nuclear Sci
Aug 67

336,611

Zirconium in Magnesium, by Hubert Altwicker, 23 pp.

UNKNOWN,

34-377

S.L.A. No 149/1956

Scientific - Minerals/metals

Raising the Temperature of Finishing Deformation
as a Means of Reducing the Force Required for
Large-Size Forging Blanks, by Altykis, Belan.
UNCLASSIFIED

RUSSIAN, per, Metall i Obrabotka Metal, No 10,
1957, p 48.

Co-op Tr Scheme
Tr 917

Sci - Min/Metals
May 58

63,243

Effect of the Geometrical Parameters of the
Sorbent Layer on Sorptional Purification of
Maize Sugar, by N. I. Gel'perin, A. I. Altykha,
4 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXII, No 3,
1959, pp 599-602.

Consultants Bureau

Sci

May 60

118,204

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-X 337. 9669065-V

FTD-TT-62-1676

Sci-Engr
Jun 63

232,457

A Proof of Some Relationships Which Connect the
Heat Conductivity With Other Characteristics of
a Liquid, by S. S. Altynbayeva, 7 pp.

RUSSIAN, per, Inzherno-Fiz Zhur, Vol VI, No 11,
1963.

JPRS 23013

Sci

Feb 64

249,043

Thermal Quenching of Long-Lived Luminescence of
Certain Alkali-Halide Phosphor Crystals, by
E. K. Shvarts & E. D. Aluker.
RUSSIAN, per. AN LATSKY. Inst Fiziki. Radi-
atsionnaya Fizika. 1966. pp 67-80.
FID-21-65-370

E. D. Aluker

Sail/Pyne
Feb 68

349.525

Temperature Dependence of the Amplitude of
Gamma-Scintillations in CoI-Ti and KI-Ti, by
E. D. Aluker, 130

RUSSIAN, per. AN LITSEB. Inst Fiziki. Radi-
atsionnaya Fizika, 1966, pp 81-84.
P100015068-7

FTD-MI-65-370

E. D. ALUKER

Sci/Phys
Feb 68

349,526

A Variable Formula for Investigating a Thin-Walled
Elastic Shell in the Post-Critical Stage, by H.
Almida. UNCLASSIFIED

Full translation.

RUSSIAN, per, Prikl Matemat i Mekh, Vol XIV, No 2,
1950, pp 197-202.

RT-554

Navy Tr 721/BuShips 508

Scientific - Engineering, elastic envelopes

A-185

Alumyay, N. A. APPLICATION OF THE GENERALIZED VARIATIONAL PRINCIPLE OF CASTIGLIANO TO THE INVESTIGATION OF THE POST-CRITICAL STAGE OF THIN-WALLED ELASTIC SHELLS: MEMORANDUM. [1962] 11p. 12 refs. Order from OTS or SLA \$1.60 Trans. of Prikladnaya Matematika i Mekhanika (USSR) 1950, v. 4, no. 1, p. 93-98. DESCRIPTORS: *Elastic shells, *Deformation, *Stresses, Mechanical properties, Mathematical analysis, Calculus of variations. Examples are given of the use of the generalized variational principle of Castigliano in solving the following problems: (1) determination of the critical load; (2) cylindrical buckling of a compressed flat plate, with (Mechanics, TT, v. 10, no. 6)	63-10252 ✓ 1. Title: Castigliano's principle 1. Alumyay, N. A. 1244415 Office of Technical Services
--	---

On the Determination of the Equilibrium States of a
EXHIB Circular Shell Under Axially-Symmetric Loading,
by H. A. Alamyayev, 25 pp.

RUSSIAN, bino per, Prikl Matemat i Mekh, Vol XVII, No 5,
1953, pp 517-528.

36,090
Sci Tr Center RT-3647

Scientific - Physics

Jun 56/dex

Navy Tr No 1375/T-261

Asymptotic Integration of Equations of the Static
Stability of a Conical Shell of Rotation, by N. A.
Aluzayev.

RUSSIAN, per, Prikl Matemat i Mekhanika, 1957,
Vol XXV, No 1, pp 83-89.

Co-op Tr Scheme 585

~~USSR~~

Sci - Math, Physics

Mar 59

82,487

Contribution to the Study of Residual
Stresses in Aluminum Wrought Alloys, by
C. Anjot, 42 pp. FOR OFFICIAL USE ONLY
FOR INTERNAL USE WITHIN THE DEPARTMENT OF
DEFENSE ONLY
FRENCH, per, Revue de L'Aluminium, No 323,
1964, pp 915-934. P100067267
FTD TT 65-1299

Sci
Mar 67

320,785

Machine

authors

Elastic Shells in the Post-Critical Stage, by
N. A. Alamyas; 61 pp. UNCLASSIFIED

Full translation.

RUSSIAN, bino per, Prik Matemat i Mekh, Vol XIV,
No 2, Mar/Apr 1950.

Sci - Math

AME F-13-7338

A-186

Growth of the Pharmaceuticals Industry in Romania,
by George Almand, 5 pp.
ROMANIAN, sp, Buch, 19 Aug 1964, pp 1, 5.
SPIS 27073

ED-Romania
Econ
Jan 65

270,644

J-215/64

Marxism and Communism: Doctrine and Tactics
of Infiltration, by Alfonso Ramos Alva, 109 pp. SECRET
SPANISH, mono, Marxismo y Comunismo Doctrina y
Tacticas de Infiltration, HPLA-6068, Lima, Peru.
Spec/J-216/64

LA - PERU
MIL, POL
Feb 64

The oxidation of pyruvic acid in yeast, by A. L.

Alvarez

FRENCH, per, Biochimica et Biophysica Acta, Vol 28,
1958, pp 333-341

NASA TT F 14003

A. L. Alvarez

oct 71

Detection and Determination of Small
Concentrations of Palladium With
1-Nitroso-2-Naphthol and 2-Nitroso-1-
Naphthol, by Elena R. Alvarez.

GOVERNMENT USE ONLY

SPANISH, por, Anales de la Direccion
Nacional de Quimica, Vol 2, 1949.

pp 68-90.

ANAL. ET 7-11,836

Sci/Chem
Oct 68

Elena R. Alvarez

Elimination of the Fluorine in Water, by R. S.
Callegaro, E. S. Alvarado, J. N. Ricaldoni, 41 pp.

SPANISH, bk, El Fluor y los Abastos de Agua, 1957,
pp 45-67. 87 pp.

NIH 4-20-60

Sci - Medicine
Jun 60

118,915

Effect of Retain Lines on the
Mechanical Strength of Sinter,
by A. A. Alvarez,
SPANISH, per. Centro Rec. Investig.
Met., Vol. 17, Apr 1966, pp 359-370.
DISI 4244

78

A. A. Alvarez

Sci/WHH
Jul 66

264,681

Investigation and Quantative Determination of
Small Concentrations of Palladium by Means of
1-Nitroso-2-Naphthol and 2-Nitroso-1-Naphthol,
by E. R. Alvarez.

GOVERNMENT USE ONLY

SPANISH, per, Anales de la Direccion Nacional
de Quim., Vol. 2, 1949, pp 88-90.

NSA TT F-11,836

E. R. Alvarez

Sci
Dec 68

368,775

J-36/60

(DC-3322).

Russian Communism in Columbia, by S. J. Juan
Alvarez, 64 pp.

SPANISH, bk, El Comunismo Ruso en Colombia, Bogota,
pp 1-112.

JFAS-L-2024-D

LA - Colombia
Pol
Feb 60

107,674

JEN (Nuclear Energy Board) Studies on Heavy Water
Production by Electrolysis and Isotopic Exchange
Reaction, by J. Alvarez, M. Gispert, A. Maria, etc,
15 pp.

SPANIH, rpt, Proceedings of the Third International
Conference on the Peaceful Uses of Atomic Energy,
1965, pp 406-413.

NY-13448

I-149/67

Nov 66

313,778

12
Mission Accomplished at Military Exercises,
by Josefa Alvarez, 3 pp.
SPANISH, pp, May, 3 Oct 1964, p 2.
JPRS 17171

L.A.-Cuba
JPRS
Nov 64

260,212

A PLANT FOR THE MANUFACTURE OF STEEL BY THE L.D.
PROCESS, BY M. ALVAREZ, F. D. BUSTAMENTE.

SPANISH, PER, ANALES DE MECANICA Y ELECTRICIDAD,
NOV/DEC 1959, PP 452-463.

BISI 2542

WEUR - SPAIN
ECON
NOV 62
LIST 15L

217,655

Reaction Between Boric Acid and Sintered
Magnesia, by D. Alvarez-Estrada.
GERMAN, per, Deutsche Keramische Gesellschaft
Berichte, vol. 43, no. 6, 1965, pp. 251-258.
NTC 70-17105-11B
NTC

D. Alvarez-Estrada

June 1971

Patient in his Home, by E. Alvear, E. Raddatz, 2 pp.

SPANISH, per, Aparato Respirat Y Tuberc, Vol XII, No 2,
Apr/Jun 1947, pp 149-161.

SLA 2500

Sol - Medicine
Nov 57

54,848

Status of Investigation About the Effect of
Industrial Currents on Vital Organs, by
K. Alvensleben.

GERMAN, for, ETZ Elektrotechnische Zeitschrift.
Ausgabe A. Zentralblatt fuer Elektrotechnik,
Vol. 62, No. 33, pp. 706-709, 1941.
SLA-TT-66-11364

B/M
Sept 66

K. Alvensleben

309,292

Electrical Accidents (1), by K. Alvensleben,
23 pp.

GERMAN, per, Electrotech Z, Vol XLVII, No 34,
26 Aug 1926, pp 985-989.

SIA Tr 57-693

Sci - Electricity

50,662

Aug 57

W. ALVERMANN

Description of Combustion and Detonation
Processes in A p. w Diagram, by W. Alvermann
GERMAN, rpt, Wissenschaftliche Gesellschaft
fuer Luftfahrt. Jahrbuch, 1962, pp 197-201
NTC 71-15656-01A

Feb 72

Temperature Measurements With Thermocouples
in Combustion Gases, by W. Alvermann,
P. Stettin.

GERMAN, rpt, Deutsche Forschungsanstalt für
Luft- und Raumfahrt, Research Report, 04-18,
1964.

NASA TT F-9537

W. Alvermann

GOVERNMENT USE ONLY

UIC-4415

Mathematical Treatment of the Mixture of Two Gas
Jets of Various Temperatures and Velocity, by W.
Alveman, J. Lambrecht, Otto Lutz, 16 pp. (AF
1031200)

GERMAN, bk, Rechnerische Behandlung der Mischung
Zweier Gas- Stroeme Mit Verschiedener Temperatur
und Geschwindigkeit, Dec 1954, pp 1-13.

CIA 600679

ATIC F-TS-10103/III

Sci - Buels

46, 459