

Forest Types of the Central Sayan Mountains
and Their Economic Importance, by P. K. Krasil'-
nikov,

RUSSIAN, per, Trudy Akademii Nauk SSSR, Botan-
icheskiy Institut Imeni V. L. Komarova Ser. V.
Rastitel'noe Syr'eix, 1961, pp 49-150.

*CFSTI TF 67-51297

USSR
Econ
Dec 66

The Statistical Method in the Study of
Plant Associations, by V. L. Vasilevich,

37p.

RUSSIAN, per, Trudy, Akademiya Nauk SSSR.

Botanicheski Institut. Seriya III,

Geobotanika, Vol 15, 1963, pp 94-105.

OTS TF-65-60404

333, 597

Sci
Jul 67

Types of Forest on the Central Sayan
Mountains, and Their Economic
Significance, by P. K. Krasil'nikov.
RUSSIAN, per, Trudy Akademii Nauk
SSSR, Botanicheski Institut im
V. L. Komarova, Seriya 5, Rastitel'
noe Syr'e, No 9, 1961, pp 49-150.
CPSTI TT 67-51297

Sci/Earth Sci
Oct 68

368,904

Some Changes in the Systematics of the
Fishes of the Soviet Far East With Notes
on Their Distribution, by A. Taranets.
RUSSIAN, per, Akademiya Nauk SSSR.
Dalnevostochnyi Filial. Trudy, Vol 13,
1935, pp 89-98
NTC 72-60303-06C

July 72

Belikova, N. P.

MATERIAL ON THE OVERWINTERING OF Ixodid
TICKS ON ANIMALS. [5p] 4ref's NAMRU Trans.
105(T105).

Order from OTS, SLA, or ETC \$1.10 TT-64-15725

Trans. of akad[emiya] Nauk SSSR, Dal'nevostoch[nyi]
Filial, Vladivostok, Trudy Seriya Zool[ogich-
eskaya] 1956, v. 3(6) p. 265-268.

(Biological sciences--Zoology, TT, v. 12, no. 4)

TT-64-15725

- I. Belikova, N. P.
- II. NAMRU-Trans-105
- III. Naval Medical Research Unit No. 3, Cairo (Egypt)

Office of Technical Services

Electron Concentration and the Number of
Collisions of Electrons with Air Molecules
Behind a Shock Wave, by T. V. Bazhenova,
Yu. S. Lobastov,
RUSSIAN, per, Trudy Ak Nauk SSSR, Energet
Inst Fiz Gazodynam, Toploobmen i Termodinamik
Gazov Vysokikh Temperatur, 1964, pp 29-33.
*FTD-MT-65-552

Sci - Elec
Nov 65

Investigation of the Algorithm used in a Special-
ized Digital Computer for Conversion of Equator-
ial Coordinates to Azimuthal Coordinates, by
S.V. Korotkov, V.A. Myasnikov, et al. 15 pp.
RUSSIAN, per, Trudy Ak Nauk SSSR. Institut Elek-
tromekhaniki. Sbornik Rabot Po Voprosam Elektro-
mekhaniki, No 9, 1963, pp 87-101. 9700773
FTD-MT-65-415

Sci/Math & Data Processing
Jun 66

303,784

Physical Gas Dynamics Properties of Gases
at High Temperatures, by Yu. S. Lobastov.
RUSSIAN, per, Trudy Akad. Nauk SSSR,
Energeticheskiy Institut, 1964, pp 22-28.
*FTD-TP-66-8

USSR
Sci/Fuels
Jan 66

Hymenoptera Chrysididae of Tadzhikistan, by
Semenov-Tian-Shanskii, M. N. Nikol'skaja,

RUSSIAN, per, Trudy Akad Nauk SSSR Inst, Vol XV,
1954, pp 89-137.

*PL-480
USDA

Sci -
Jun 63

A System of the Tribe Hedychrini Moscs and Descriptions
of New Species, by Semenov-Tian-Shanskii.

RUSSIAN, per, Trudy Akad Nauk SSSR Inst, Vol XV,
1954, pp 138-145.

*PL-480
USDA

Sci -
Jun 63

**Yield of Luminescence From Organic Matters,
Z. A. Chishikova.**

**RUSSIAN, per, Trudy Ak Nauk SSSR, Fizicheskii Institut,
Vol XV, 1961, pp 178-229.**

CB
APL 480

Sci - Phys
Mar 62

*collected from
1962*

Soviet Maser Research, by D. V. Skobel'tsyn, ed.,
192p.

RUSSIAN, per, Trudy Akademiya Nauk
SSSR. Fizicheskii Institut, Vol 21,
1963.

CB

~~SECRET~~
253, 731

Sci - Phys
Apr 64

The Structure of the Wind-Velocity
and Temperature Fields in the Atmo-
spheric Surface Boundary Layer, by

A. S. Monin, 24 p.

RUSSIAN, per, Study, Akademi Nauk SSSR

Institut Fiziki Atmosfery, No 4, 1962,

pp 5-20. 9699897

AFCRL T-R-508

Sci-Ear Sci

Mar 66

297,694

The Pulsation Spectra of the Vertical
Component of Wind Velocity and Their
Relations to the Micrometeorological
Conditions, by A. S. Gurvich, 57 p.
RUSSIAN, per, Trudy, Akademii Nauk
SSSR, Institut Fiziki Atmosfery, No 4,
1962, pp 101-136. 9700110
AFCRL T-R-509

Sci-Ear Sci & Astron
Apr 66

297,750

Measuring the Range of Visibility in Dark Diurnal
Time by Backwards Diffusion, by M. A. Gol'berg.

5 pp.

RUSSIAN, rpt. AN SSSR. Institut Fiziki Atmosfery.
Trudy. Aktinometriya i Optika Atmosfery, 1964.

pp 206-209.

AIR/FTD/HT-23-588-67

Sci-Phys
Nov 68

368,151

Theory of Transfer Processes in a Plasma
Across a Magnetic Field, by V. P. Silin,
13 pp.

RPT Trudy
RUSSIAN, per, Ak Nauk SSSR, Inst Fiziki
imeni P. N. Lebedeva, Report A-83, 1962,
~~9201241~~

AEC UCRL-Tr-869 (L)

Sci - Phys
Jan 63

220,854

Quantum Theory of Optical Properties of
Metals, A. V. Sokolov.
RUSSIAN, per, Trudy, Akademiya Nauk SSSR.
Institut Fiziki Metallov, Sverdlovsk,
No 2, 1958, pp 53-69.
SLA TR-66-11076

332, 213

Sci
Jul 67

Problems of Physiology and Pathology
of Digestion and Metabolism, 576p.
RUSSIAN, per, Trudy, Akademiya Nauk
SSSR. Institut Fiziologii, Vol 9,
1960, 539p.
OFS TT-63-11172

333, 581

Sci
Jul 67

62-17180

Khudzinski, L. L.
FREQUENCY ANALYSIS OF SEISMIC WAVES IN
AN INTERFERENCE ZONE. [1962] 13p.
Order from ATS \$19.95 ATS-22N57R

Trans. of Akad[emiya] Nauk SSSR. Inst[itut] Fiz[iki]
Zemli. Trudy, 1959, no. 6(173) p. 120-135.

DESCRIPTORS: *Seismic waves, Frequency,
Analysis.

(Earth Sciences-- Seismology, TT, v. 8, no. 3)

I. Khudzinski, L. L.
II. ATS-22N57R
III. Associated Technical Services,
Inc., East Orange, N. J.

Office of Technical Services

Tilting of the Earth's Surface and the Phenomenon
of Earthquakes, by V. F. Bonchkovskiy,
RUSSIAN, per, Trudy Inst Fiz Zemli AN SSSR, Vol
VII, No 174, pp 48-61.
NLL RTS 3757
ON LOAN ONLY

Sci-Ear Sci
Jul 67

330,589

R-2583

(NY-3192).

Problems of Instrumental Gravimetry, 112 pp.

RUSSIAN, per, Trudy Inst Fiz Zemli, Ak Nauk SSR,
1959, No 8 (175), pp 3-77.

JPRS-L-1137-N

USSR

Sci - Geophysics

Jan 59

103,770

R-50/60

(3192-N)..

New Pendulum Instrument for the Determination of
the Force of Gravity at Sea, by S. Ye. Aleksandrov,
V. V. Sukhodol'skiy, Yu. P. Izmaylov, 35 pp.

RUSSIAN, per, Trudy Instituta Fizika Zemli, No 8(175),
1959, pp 3-24.

JPRS L-1137-N

Sci - Geophys - Gravimetry
Apr 60

111, 894

R-50/60

(NY-3192).

Quartz Clock for Pendulum Determination of the Force of Gravity at Sea, by V. A. Tulin, 11 pp.

RUSSIAN, per, Trudy Inst Fiz Zemli, No 8(175), 1959, pp 25-31.

JPRS L-1137-N

Sci - Geophys - Gravimetry
Apr 60

111,895

R-50/60

(NY-3192).

Quartz Gravimeter for Marine Observations, by
Ye. I. Popov, 15 pp.

RUSSIAN, per, Trudy Inst Fiz Zemli, No 8(175),
1959, pp 32-41.

JPRS L-1137-N

Sci - Geophys - Gravimetry
Apr 60

111,896

R-50/60

(NY-3192).

REU Instrument for ^{b/}the Investigation of
Inclinations and Accelerations Acting During
Gravimetric Determinations at Sea, by V. V.
Sukhodol'skiy, 17 pp.

RUSSIAN, per, Trudy Inst Fiz Zemli, No 8(175),
1959, pp 42-53.

JPRS L-1137-N

Sci - Geophys - Gravimetry
Apr 60

111,897

R-50/60

(NY-3192).

Joint Vibration of the Stand in Quartz Gravimeters
With Horizontal Torsion Filament, by Yu. D.
Bulanzhe, 10 pp.

RUSSIAN, per, Trudy Inst Fiz Zemli, No 8(175),
1959, pp 54-60.

JPRS L-1137-N

Sci - Geophys - Gravimetry
Apr 60

111,890

R-50/60

(NY-3192).

Influence of Joint Rocking of the Stand on the
Period of Oscillation of a Pendulum, by V. A.
Romanuk, 10 pp.

RUSSIAN, per, Trudy Inst Fiz Zemli, No 8(175),
1959, pp 61-67.

JPRS L-1137-N

Sci - Geophys - Gravimetry
Apr 60

111,891

R-50/60

(NY-3192)..

Determination ^{of} the Force of Gravity by Means
of a Gravimeter on a Moving Base, by V. A.
Kuzivanov, 4 pp.

RUSSIAN, per, Trudy Inst Fiz Zemli, No 8(175),
1959, pp 68-71

JPRS L-1137-W

Sci - Geophys - Gravimetry
Apr 60

111,892

R-50/60

(NY-3192).

NOMOGRAMS for the Determination of Corrections for the Amplitude, Temperature, Depth of Immersion, Corrections for the Etvois Effect, and for the Determination of the Coefficient of Joint Rocking in the Case of Pendulum Observations at Sea, by E. M. Berezin, V. A. Kuzivanov, 9 pp.

RUSSIAN, per, Trudy Inst Fiz Zemli, No 8(175), 1959, pp 72-79.

JPRS L-1137-H

Sci - Geophys - Gravimetry
Apr 60

111,893

The Energy of Earthquakes. ~~XXXXXXXXXXXXXXXXXXXX~~

RUSSIAN, per, Trudy Ak Nauk SSSR, Inst
Fiz Zemli, No 9 (176), pp 1-18.

AID Rpt 62-23

Sci - Geophys
Apr 62

075 62
192,072

The Energy of Earthquakes, by T. G. Rautian.

RUSSIAN, PER, Trudy Inst Fiz Zem Akad Nauk SSSR.
No 9 (176), 1960, pp 75-114. 9673379

AID Report 62-12

182,652

Sci
Feb 62

Problems of Theoretical Seismology and Physics
of the Earth's Interior.

RUSSIAN, per, Trudy Inst Fiz Zemli imeni O. Yu.
Shmidta, Ak Nauk SSSR, No 11 (178), 1960, 178-190.

~~NASA TT F-123~~

OTS 63-11178

Sci - Phys, E. S. & Ast
Mar 64

NLL(LOAN)REF: 4523.9 1963(814)

251,951

PP 121-132 JPRS 6918

(DC-4812)

The Generalization of Data on the Mechanism of Earthquakes, by V. I. Keylis-Borok, G. I. Pavlova, 13 pp.

RUSSIAN, per, Trudy Inst fiz zem Ak nauk SSSR, No 11, 1960, pp 121-132.

JPRS 6918

Sci - Geophy

Apr 61

146, 671

Results of Seismic Observations During Underground
and Trotyl Explosions, by I. P. Pasechnik, S. D.
Kogan, D. D. Sultanov.

RUSSIAN, per, Trudy Ak Nauk SSSR, Inst Fiz Zemli,
No 15, 1960, pp 3-52.

Sci - Phys
Mar 62

~~XXXX~~
Univ of California

Seismic Effects of Underground Explosion.

RUSSIAN, per, Trudy Inst Fiz Zemli imeni O. Yu.
Shmidt, No 15, 1960, pp 3-108.

~~ANS NP Tr 871~~

Sci - Phys
Vol 62
Dist 70

CB 204,739

Folded Deformations in the Earth's Crust, Their
Types and Mechanism of Formations. (Skladshnye
Deformatsii Zemnoi Kory.

RUSSIAN, per, Trudy Inst Fiziki Zemli, Ak Nauk SSSR,
1962, 333 pp.

*PL-480

Sci

Apr 64

Instructions on the Inspection of the Seismic
Effect of Blasts on Buildings, by F.A. Kirillov,
S. V. Medvedev, et al.

RUSSIAN, per, Trudy Ak Nauk SSSR. Instituta
Fiziki Zemli, No 21 (188), 1962, pp 118-138.

P911007266

AEC UCRL tr-10054

Sci/Earth Sci
Oct 66

309,506

Problems on the Detailed Investigation
of the Seismic Characteristics of Soil
in Natural Layers, by A. V. Nikolayev.
RUSSIAN, per, Trudy Akad Nauk SSSR, Inst
Fiz Zemli, No 25(192), 1962, pp 167-210.
Dept of Navy APL/JHU T-2231

Sci-Ear Sci
Mar 69

376,341

DETERMINATION OF ACCELERATION OF GRAVITY WITH
GAL GRAVIMETERS FROM A SUBMARINE,
31 PP.

RUSSIAN, PER, TRUDY INSTITUTA FIZIKA ZEMLI, AN SSSR,
NO 24 (191), 1962, PP 86-115.

JPRS 17587

SCI - PHYS

FEB 63

222,305

The Differential Barograph With Photographic
Recording of Readings, by Y. S. Dobrokhotov, 16 pp.
RUSSIAN, Trudy Instituta Fiz Zemli ~~NA~~ ^{Gr. Nauk} and SSSR,
No 24, 1962, pp 116-123. 9625416

*FTD-TT-63-535

Sci - Phys

May 63

PHYSICS OF EARTHQUAKES AND EXPLOSION SEISMOLOGY,
BY YU. V. RIZNICHENKO, G. I. AKSENOVICH, ET AL,
558 PP.

RUSSIAN, PER, TRUDY INSTITUTA FIZIKI ZEMLI IMENI
O. YU. SHMIDTA, NO 25, (192), 1962, 360 PP.

JPRS 20465

SCI - EAR SCI
AUG 63

237,675

Instrumental Analysis of Seismograms, by D. P. Kirnos,
Yu. A. Kolesnikov, et al, 25 pp.

RUSSIAN, per, Trudy Inst. Fizika Zemli, Ak Nauk,
SSSR, No 26 (193), 1963, pp 3-15.

JPRS 22038

Sci-Ear Sci
Dec 63

243,629

Installation for Re-Recording of Seismograms (UDPS), by
Yu. A. Kolesnikov, B. N. Pevzner, et al, 17 pp.

RUSSIAN, per, Trudy Instituta Fizika Zemli, Ak Nauk,
SSSR, No 26, (193), 1963, pp 16-24.

JPRS 22038

Sci-Ear Sci
Dec 63

243,630

Use of Regenerative Vibration Filters for Frequency
Analysis of Seismic Oscillations, by Yu. A. Kolesnikov,
27 pp.

RUSSIAN, per, Trudy Instituta Fizika Zemli, Ak Nauk,
SSSR, No 26, (193), 1963, pp 25-36.

JPRS 22038

Sci-Ear Sci
Dec 63

243,631

Experience in Obtaining Seismographs That Are Suitable
for Conversion into Electric Current, by Ya. A. Kolesnikov
A. V. Rykov, et al, 9 pp.

RUSSIAN, per, Trudy Instituta Fizika Zemli, Ak Nauk,
SSSR, No 26, (193), 1963, pp 37-41.

JPRS 22038

Sci- Ear Sci
Dec 63

243,632

Method of Increasing the Periods of a Galvanometer and
a Pendulum by Adding Capacitors, by V. T. Arkhangel'skiy,
21 pp.

RUSSIAN, per, Trudy Instituta Fizika Zemli, Ak Nauk,
SSSR, No 26, (193), 1963, pp 42-51.

JPRS 22038

Sci-Ear Sci
Dec 63

243,633

Design Method for Cylindrical Magnetic Systems With
Permanent ■ Magnets, by V. A. Tokmakov, 23 pp.

RUSSIAN, per, Trudy Instituta Fizika Zemli, Ak Nauk,
SSSR, No 26, (193), 1963, pp ■■ 52-61.

JPRS 22038

SCI- Ear SCI
Dec 63

243,634

Installation With Memory for the Recording of Strong
Earthquakes, by V. M. Fremd, 24 pp.

RUSSIAN, per, Trudy Instituta Fizika Zemli, Ak Nauk
SSSR, No 26, (193), 1963, pp 62-71.

JPRS ~~XXXX~~ 22038

Sci- Ear Sci
Dec 63

243,635

Accelerometers of High Sensitivity, by I. B. Sinani, 16 pp.

RUSSIAN, per, Trudy Instituta Fizika Zemli, Ak Nauk,
SSSR, No 26, (193), 1963, pp 72-77.

JPRS 22038

Sci-Ear Sci
Dec 63

243,636

Recording Installation With Magnetic Memory for the
Recording of Remote Earthquakes, by V. P. ~~XXXXXXXXXX~~
Preograzhenskiy, 15 pp.

RUSSIAN, per, Trudy Instituta Fizika Zemli, Ak Nauk,
SSSR, No 26, (193), 1963, pp 78-84.

JPRS 22038

Sci-Ear Sci
Dec 63

243,637

High Sensitivity Capacitive Seismograph With ~~XRAY~~ Visible
Record on Heat-Sensitive Paper, by A. V. Rykov,
I. B. Sidorov, 16 pp.

RUSSIAN, per, Trudy Instituta Fizika Zemli, Ak ~~MAKX~~ ~~MAKX~~
Nauk, SSSR, No 26, (193), & 1963, pp 85-92.

JPRS 22038

Sci-Ear Sci
Dec 63

243,638

Seismic Oscillograph Type OSB-VI, by E. S. Borisevich,
S. A. Kastroskiy, et al, 11 pp.

RUSSIAN, per, Trudy Instituta Fizika Zemli, Ak Nauk,
SSSR, No 26, (193), 1963, pp # 93-97.

JPRS ~~XXXX~~ 22038

Sci-Ear Sci
X Dec 63

243,639

Stand for the Determination of the Coordinates of the
Epicenter of an Earthquake, by V. I. Kovrigina,
I. M. Rozenberg, 6 pp.

RUSSIAN, per, Trudy Instituta Fizika Zemli, Ak Nauk,
SSSR, No 26, (193), 1963, pp 98-100.

JPRS 22038

Sci-Ear Sci
Dec 63

243,640

Research and Design of Gravimetric Instru-
ments.

RUSSIAN, per, Trudy Ak Nauk SSSR, Institut
Fiz Zemli Imeni O. Yu. Shmidta, No 31 (196),
1964, pp 3-48.

ACIC TC-641

Sci-Phys
Mar 65

277,027

New Instruments for Recording Seismic Phenomena,
by Prof. Ye. A. Borisovich, 186 pp.
RUSSIAN, per, Trudy Instituta Fiziki Zemli im. O.
Yu. Shmidta, No 35 (202), 3, 1964, pp. 3-143.
JPRS 29943

USSR
Sci-Electronics
May 65

279,772

Testing the Root-Knot Nematode as a Possible
Vector of Cucumber Virus, by A. M. Vovk,
A. V. Andronova, 12pp
RUSSIAN, per, Akademiya Nauk SSSR Institut
Genetiki, Trudy, Vol 28, 1961, pp 277-282
OTS TT-64-19947

Sci - Biol
June 67

328,805

Investigation of Thin Samples of
Mineral Rock Under Conditions of
Shear Due to Torsion and Unidi-
rectional Stress, by M.P. Volar-
ovitch and T. Ya. Gorazdovskii,
et al, 16 p.

RUSSIAN, per, Akademiia Nauk SSSR,
Institut Geologicheskikh Nauk, Trudy,
No 2, 1959, pp 230-236. 9699923
AFCL G-T-R-65-9

Sci-Bar Sci
Mar 66

~~297,702~~

Structure of the Earths Crust by Geophysical
Data, by G. Z. Gurariy, I. A. Solovyeva.
RUSSIAN, per, Trudy Akademiya Nauk SSSR,
Geologicheskiy Institut, No 98, 1963, 129 pp.
ACIC TC-1394

Nov 68

368,635

Yu. B. Gladenkov

Tectonics in the Eastern Part of the Koriaksky
Uplands.

RUSSIAN, per, Akademiya Nauk SSSR, Institut
Geologicheskikh Nauk, Trudy, No 113, 1964,

pp 7-23

NTC 72-13192-08E

sept 72

NCH-202 970 Field 8N

Savrasov, D. I.
ESTIMATE OF THE PROBABILITY OF DISCOVERING
ANOMALIES BY GEOPHYSICAL SURVEYING. 1965.
5p. ATS-67S87R.
Order from ATS: \$7.25 as ATS-67S87R

Trans. of Akademiya Nauk SSSR. Institut Geologii i
Geofiziki, Novosibirsk. Trudy, n4 p134-7 1965.

I. Associated Technical
Services, Inc.,
East Orange, N. J.

Behavior of Xanthates in Aqueous Solutions, by
I. N. Flaksin, A. M. Okolovich.
RUSSIAN, per, Trudy Ak Nauk SSSR, Inst Gornogo
Dela, Vol 4, No 7, 1957, pp 234-240.
NTC-69-12773-07B

Sci-Chem
Sept 69

391,141

Kinetics of Formation of Hydrogen on Iron
Catalyst, by A. A. Gavrilova.
RUSSIAN, per, Trudy Ak Nauk SSSR, Inst Gory-
uchikh Iskopayemykh, Vol 18, 1962, pp 48-53.
NIC-69-16430-07D

Sci-Chem
Feb 70

402,930

NCH-200 664

Field 21D

Davydov, V. P.; Semenov, L. V.; Fridman, N. L.
ECONOMICS OF THE PRODUCTION OF COKE BRI-
QUETTES FROM GAS, LONG-FLAME AND WEAKLY
CAKING COAL. Oct 64, 13p, 4refs. BritCoke-Trans-80.
Order from NLL

Trans. of Akademiya Nauk SSSR. Institut Goryuchikh
Iskopaemykh. Trudy, v20 p198-207 1983.

I. British Coke
Research Association,
Chesterfield (England)

Properties and Means of Computing the Wigner
Coefficients and $6j$ Coefficients, by A. A. Bandzaitis
& K. P. Zhukauskas.

RUSSIAN, per, Trudy Akademiya nauk SSSR, Komissiya
po Spektroskopiy, Vol 2, 1964, pp 108-112.

P100067468-V

AFCRL T-R-616

Sci/Math
Apr 68

356,575

The Chromium Content of Rubies, by
F. I. Mashkovskaya.
RUSSIAN, per, Trudy Ak Nauk SSSR, Institut
Kristallografiy, No 3, 1953, pp 43-46. 100100568-1
AFCL T-RC-25

Sci-Phys
Jun 68

359,696

Chromic Oxide Content in a Charge and in a
Synthetic Ruby, by A. A. Kiselev and L. M. Dolgova.
RUSSIAN, per. Trudy Ak Nauk SSSR, Institut
Kristallografiy, No 8, 1953, pp 47-50. #100100568-V
AFCRE T-RC-25

Sci-Phys
Jun 68

359,697

Results of Spectroscopic Analysis of Corundum,
by S. V. Grun-Grzhimailo.
RUSSIAN, per. Trudy Ak Nauk SSSR, Institut
Kristallografiy, No 8, 1953, pp 51-56. F100100568-V
AFCRI T-RC-25

Sci-Phys
Jun 68

359,698

Measurement of the Refractive Indexes of Synthetic
Corundum and of the Corundum Charge, by

N. M. Melankholin.

RUSSIAN, per, Trudy Ak Nauk SSSR, Institut

Kristallografiy, No 8, 1953, pp 57-76. 100100568-V

AFCR T-RC-25

Sci-phys

Jun 68

359,699

Description of Instruments for Studying the Color
of Corundum Crystals, by S. V. Grum-Grzhimailo.
RUSSIAN, per, Trudy Ak Nauk SSSR, Institut
Kristallografiy, No 8, 1953, pp 89-93. T100100568-V
SECRET-TC-25

Sci-Phys
Jun 68

359,700

Ultraviolet Dichroism and Absorption in Corun-
dum Crystals, by S. V. Grum-Grzhimailo and
E. S. Rudnitskaia.

RUSSIAN, per, Trudy Ak Nauk SSSR, Institut
Kristallografiy, No 8, 1953, pp 129-138.

E1000100568-V

AFCLR T-RC-25

Sci.-phys
Jun 68

359,701

Feasibility of Monitoring the Composition of
Impurities in Corundum by Luminescence Analysis,
by I. I. Antipova-Marataeva and S. V. Grum-
Grzhirailo.

RUSSIAN, per, Trudy Ak Nauk SSSR, Institut
Kristallografiy, No 8, 1953, pp 139-143.

F1000100568-V

AFCL T-RC-25

Sci. Phys
Jun 68

359,702

Photographing Corundum, by L. I. Tsukerman.
RUSSIAN, per. Trudy Ak Nauk SSSR, Institut
Kristallografiy, No 8, 1959, pp 145-149.

100100568-V
AFCEI T-IV-25

Sci. Phys
Jun 60

359,703

Results of Optical Study of the Mechanical Properties of Synthetic Corundum, by

M. V. Gassen-Melkiudova.

RUSSIAN, per. Trudy Ak Nauk SSSR, Institut Kristallografiy, No 8, 1953, pp 151-164.

FI00100568-V

AFCRL T-RC-25

Sci- hys
Jun 68

359,704

Application of the Tople Method to the Study
of Inhomogeneities in Synthetic Corundum
Crystals, by N. M. Melankholin.

RUSSIAN, per, Trudy Ak Nauk SSSR, Institut
Kristallografiy, No 8, 1953, pp 189-192.

F100100568-V

AFCRL T-RC-25

Sci-Phys
Jun 68

359.705

The Optical Anomalies of Corundum and Their
Relation to Elastic Stresses, by

N. Iu. Ikonnikova.

RUSSIAN, per. Trudy Ak Nauk SSSR, Institut
Kristallografiy, No 8, 1953, pp 193-202.

1100100568-V
AFCL T-R-25

Sci-phys
Jun 68

359,706

Optical Anomalies Caused by Corundum Inhomogeneities, by N. Iu. Ikornikova and G. E. Tomilovskii.

RUSSIAN, per. Trudy Ak Nauk SSSR, Institut Kristallografiy, No 8, 1953, pp 243-246.

1100100568-V

AFCR. T-RC-25

Sci-Phys

Jun 68

359.707

Synthetic Corundum Boule Structure as a function
of Crystallographic Growth orientation, by
A. V. Belustin.

RUSSIAN, per, Trudy Ak Nauk SSSR, Institut
Kristallografiy, No 8, 1953, pp 247-252.

F100100566-

AFCH 1-11-25

Sci-lys

Jun 63

353,700.

Types of Synthetic Corundum Boules, by
N. Iu. Ikornikova.

RUSSIAN, per, Trudy Ak Nauk SSSR, Institut
Kristallografiy, No 8, 1953, pp 253-260.

F100100568-V

AFCNL T-RC-25

Sci. hys

Jun 68

359,709

Optical and X-Ray Study of the Parting Planes of
Synthetic Corundum, by Z. M. Migolina and
V. V. Sviatukhin.

RUSSIAN, per, Trudy Ak Nauk SSSR, Institut
Kristallografiy, No 8, 1953, pp 299-308.

E100100568-v

AFCL T-RC-25

Sci-phys
Jun 68

359.710

Study of the Operations in Sawing of Synthetic
Ruby Crystals as a Function of Crystallographic
orientation, by S. I. Gavrishechuk.

RUSSIAN, per. Trudy Ak Nauk SSSR, Institut
Kristallografiy, No 8, 1953, pp 329-334.

F100100568-V

AFCL T-NC-25

Sci- hys
Jun 68

359,711

Influence of crystallographic orientation on
Ruby Workability, by N. G. Bogdanovich.

RUSSIAN, per, Trudy Ak Nauk SSSR, Institut
Kristallografiy, No 8, 1953, pp 335-339.

R100100568-V

AFCRL T-R-25

Sci-Phys

Jun 68

359.712

Production of Metallurgical Fuels From Gasysy
and Weakly-Caking Coals, by L. M. Sapozhnikov.

RUSSIAN, per, Trudy Lab Geol Uglya, Ak Nauk SSSR,
No 6, 1956, pp 137, 138.

Dept of Interior
Tr No 1767

Sci

Jan 63

Structure and Physical and Mechanical Properties
of Spring and Fall Wood of Oak, by V. E. Vikrov.

RUSSIAN, Trudy, Akad Nauk SSR Inst Lesa, Vol IX,
1953, pp 29-58.

OTS HC TT-64-11070

*PL-480
USDA

Sci -
Jun 63

Stressed State in the Compression of a
Disk During Rotation Forging of Rods
by Four Matrices, by V. G. Osipov.
RUSSIAN, per, Akademiya Nauk SSSR,
Institut Metallurgii. Trudy, No 7,
1960, pp 49-59.
NTC 72-10663-11F

Apr 72

AGENCY: ACSI

P.O. # J-8004

TITLE: Change in Properties During Aging of
Aluminum Alloys

AUTHORS: I.N. Fridlyander

SOURCE: AN SSSR INSTITUT METALLURGII

LANGUAGE: Russian

INSTRUCTIONS: Please translate and type one copy
on bond paper. The Document may be cut up.

R-11451-B
26 March 70

12 pp

The Plastic Deformation of Brittle Bodies, by
I. M. Pavlov, M. V. Rastegayev, V. M. Zharov,
25 pp.

RUSSIAN, per, Akademiya Nauk SSSR. Institut
Metallurgiy, Trudy, No 14, 1963, pp 90-100.

OTS TT-64-19148

Sci - P

Aug 66

307,316

NCH-201 328

Field 11F

Ermolaeva, E. V.
THE DEPENDENCE OF THE PROPERTIES OF ALUMO-
SILICATE MELTS ON THE PHASE COMPOSITION
DIAGRAM AND THE COVALENCY OF BONDS. 1965,
13p, 11refs. CE-Trans-3888.
Order from NLL

Trans. of Akademiya Nauk SSSR. Institut Metallurgii.
Trudy, no p187-96 1961.

1. Central Electricity
Generating Board,
London (England)

Nitriding of Titanium Alloys at Reduced Pressures, by Ye. V. Novikova. 11 pp.
RUSSIAN, per, Trudy, Ak Nauk SSSR. Institut Metallurgii. 1964, pp 132-138. P100020666
FTD-TT-65-1630

Sci/Materials
Sep 66

309,395

Compounds of the Rare-Earth Metals With Aluminum
and Their Crystalline Structures, by
P.I. Kripyakevich, I.I. Zalutskiy. 4 pp.
RUSSIAN, per, Trudy AN SSSR Institut Metallurgii,
1964, pp 144-145. 9700954
FTD-HT-66-186

Sci/M&M
Aug 66

306,257

Kinetics of Oxidation of Alloys of Tungsten with
Nickel, by D. A. Prokoshkin and Ye. V.
Vasil'yeva, 8 pp.

RUSSIAN, per. Akad Nauk SSSR, Institut Metallurgii,
1964, pp 241-247.

FTD-MT-65-103

Sci-M/AJ
Jun 65

281,671

Properties of Ternary Alloys of Niobium with
Tantalum and Molybdenum by Ye. V.
Vasil'yeva and D. A. Prekosobkin, 8 pp.
RUSSIAN, per Acad Nauk SSSR, Institut
Metallurgii, 1964, pp 248-254.
FTL-MI-65-108

Sci-M/04
Jun 65

231,672

Rhenium-Tungsten Alloys as Material for High-Temperature Thermocouples, by S.K. Danishevskiy. 10 pp.

RUSSIAN, rpt, Trudy AN SSSR, Institut Metallurgii im. A.A. Baykova, Institut Mineralogii, Geokhimi i Kristalloghimi Pedkikh Elementov. Mezhdunarodnaya Komissiya po Pedkim Metallam. Vsesoyuznoye Soveshchaniye po Probleme Rheniya, 1958, 1961, pp 162-169.

AIR/FTD/AT-24-11-69

sci/materials
july 69

387,328

The Fishery Forage Base, by E.V. Borutskiy. 70 pp.
RUSSIAN, per, Trudy Akademiya Nauk SSSR. Institut
Morfologiy Zhivotnykh, Vol 13, 1960, pp 5-61.
OTS TT-63-11129

Sci/B&M
Jul 66

305,976

Activity and Structure of Alumina and Its
Luminescence Properties, by F. V. Korenevskaya,
V. V. Schächekin, 5 pp.

RUSSIAN, per, Trudy Ak Nauk SSSR, Inst
Nefti, Vol XII, 1958, pp 267-371.

ATS-04M4LR

sci
Vol IV, No 11
May 62

Preparation of Isotactic Polybutene,
by N. A. Pokatilo.
RUSSIAN, per, Akademiya Nauk SSSR.
Institut Nefti. Trudy, Vol 14, 1960,
pp 58-64.
NTC 72-11265-07C

May 72

Syscev, N.N.

1957

Development of technique and method of work at anchor stations to observe ocean currents (Razvitie tekhniki i metodiki raboty na ikornykh stantsiiakh dlia nabludeniia techenii v okeane)

Voprosy metodiki okeanologicheskikh issledovaniĭ, Trudy instituta okeanologii, 25, Akad. Nauk SSSR, Moscow, 199p.: 7-24. In Russian.

Transl. by Lydia A. Hutchison for Univ. of Calif., San Diego, 1963, 34p., typescript.

Avail. on Loan - BCF, Wash., D.C.

Original Article Checked. MR

Suetov, S.V. 1959
Oceanographic research in the Bering Sea (Kompleksnye
okeanograficheskie issledovaniia v Beringovom more v
oktiabre-dekatre 1953 g.)
Akad. nauk SSSR, Trudy inst. okeanologii, 16: 47-69.
In Russian.

Transl. by IPST for Nat. Marine Fish. Svc., Oct. 1970,
24p., typescript.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked. *HS*

Chindonova, Yu.P.

1959

The nutrition of certain groups of abyssal macro-plankton in the northwestern area of the Pacific Ocean
(Pitanie nekotorykh grupi glubokovodnogo makroplanktona v severo-zapadnoi chasti Tikhogo okeana)

Akad. Nauk SSSR, Trudy instituta okeanologii, 30:
166-189. In Russian.

Transl. by Natl. Inst. of Oceanology, Wormley, Godalming,
Surrey, October 1969, as transl. no. NIOT/131, 27p.,
processed.

Avail. on Loan - BCP, Wash., D.C.

Original Article Checked *MR*

Methods of Oceanographic Research.
RUSSIAN, per, Akademiya Nauk SSSR, Trudy Instituta
Okeanologii, Vol 39, 1960. 140 pp
CFSTI TT 68-50356

Sci-Ear Sci
Feb 69

372.886