

Stabilization of Magnetic Field, Based
on Nuclear Resonance, by A. G. Alekseyev,
V. M. Gerbovetskiy.

RUSSIAN, per, Trudy Nauchno-Issled Inst
Elektrofiz Apparatury. Elektrofiz
Apparatura. Sbornik Statoy, No 2, 1964,
pp 115-119.

*FTD-TT-65-2045

Sci - Nucl Sci
Jan 66

Spiro, N. S., Gramberg, I. S., and Vovk, T. L.
METHOD FOR A COMPARATIVE STUDY OF THE
CHEMICAL COMPOSITION OF TERRIGENOUS
SEDIMENTARY ROCKS. [1962] [196]p. 49 refs.
Order from OTS or SLA \$13.50 62-18719

Trans. of Nauchno-Issledovatel'skii Institut Geologii
Arktiki. [Trudy (USSR) 1956, v. 86, p. 9-112.

DESCRIPTORS: *Sedimentary rock, Rock (Geology),
Chemical analysis, *Geochemistry, Minerals, Petrol-
ogy, Marine geology.

In this work the main attention is devoted to the formu-
lation of methods for the comparison of the conditions
of the sediment-accumulation in various facies regions,
and in some cases a historicogeological comparison
is carried out. (Author)

(Earth Sciences--Geology, TT, v. 9, no. 8)

62-18719

I. Spiro, N. S.
II. Gramberg, I. S.
III. Vovk, T. L.

Office of Technical Services

The Geological Structure of Frenz Josef Land, by
V. D. Dibner, 16 pp.

RUSSIAN, per, Trudy Nauchno-Isledovatel'skogo
Inst Geologi Arktiki, Vol LXXXI, 1957, pp 11-20.

Amer Meteorol Soc
AF Cambridge Res Center

Sci - Geophysics

Aug 60

121,364

The Geological Structure of Victoria Island, by
V. D. Dibner, 2 pp.

RUSSIAN, per, Trudy Nauchno-Issledovatel'skogo
Inst Geologi Arktiki, Vol LXXI, 1957, pp 21, 22.

Amer Meteorol Soc
AF Cambridge Res Center

Sci - Geophysics

Aug 60

121,363-

The Third Phase of the Study of Antarctica From the
End of the Second World War to the Present, by

A. I. Shalimov, 29 pp.

RUSSIAN, per, Trudy Nauchno-Issledovatel'skogo
Instituta Geologii Antarktiki, Mo 95, 1957, pp 5-8.

Dept of Interior

Bureau of Commercial Fisheries

Office of Foreign Fisheries

A-34-Dec 1969-No 2

On Loan

Sci/Ear Sci

Mar 70

404,341

The Second Stage of Study of Antarctica Since the
End of the 19th Century to the Start of the Second
World War, by A. I. Shalimov, 62 pp.

RUSSIAN, per, Trudy Nauchno-Issledovatel'skogo
Instituta Geologii Antarktiki, No 95, 1957, pp 15-39.

Dept of Interior

Bureau Of Commercial Fisheries

Office of Foreign Fisheries

A-34-Dec 1969-No 3

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Sci/Ear Sci

Mar 70

404,342

No. Eng. title.

RUSSIAN, per, Trudy Nauch-Issledov Inst Geol
Arktiki, Vol XVIII, 1959, pp 101-105.

Dept of Interior
(570) NatEc

Sci-Earth Sci & Astron
Jan 64

246,227

Kara-Murza, E. N.
PALYNOLOGICAL BASIS OF STRATIGRAPHICAL
SUBDIVISION OF THE MESOZOIC DEPOSITS OF THE
KHATANGA DEPRESSION. 30 Oct 61, 414p. (22 plates
omitted) 86 refs.
Order from OTS or SLA \$22. 25 62-23495

Trans. of [Nauchno-Issledovatel'skii Institut Geologii
Arktiki. Trudy] (USSR) 1960, v. 109.

DESCRIPTORS: Geology, Geological survey, *Spores,
*Pollen, Deposits.

Data are presented on the composition of spore-pollen
complexes from Mesozoic deposits of the Khatanga de-
pression and their stratigraphic role.

(Earth Sciences--Geology, TT, v. 8, no. 7)

62-23495

- I. Title: Khatanga depression
- I. Kara-Murza, E. N.
- II. Geological Survey of Canada

Office of Technical Services

Basic Feature of the Earth Crust Structure on
Geophysical Data, by R. M. Demanitskaya.

BORED

USSIAN, per, Trudy Nauchno Issledovatel'skiy
Institut Geologii Arktiki, Vol CKV, 1961,
22 pp.

ACIC

ci - Geophys

sb 63

221,444

New Data on the Stratigraphy of Lower and Middle
Cambrian Deposits of the Olenek ~~REE~~ Elevation,
Basin of Down-Stream Olenek, by V. Ga. Kaban'kov.
RUSSIAN, Rpt, Sbornik Nauchno-Issledovatel'skiy
Institut Geologii Arktiki, Ministerstvo Geologii i
Okhrany Poleznykh Iskopayemykh, Vol LXV, No 13,
1959, pp 4-15. LXV,
ACIC
TC-455

Sci - Earth Sci & Astron
Sept 64

265,207

History of Geological Development of the North-West
Part of the Siberian Platform, by Ya. I. Pol'kin.
RUSSIAN, rpt, Sbornik Nauchno-Issledovatel'skiy
Inst Geologii Arktiki, Ministerstvo Geologii i
Okhrany Poleznykh Iskopayemykh, Vol LXV, No 13,
1959, pp 57-72.
ACIC
TC-455b

Sci - Earth Sci & Astron
Sept 64

265,208

Correlation of Sections and Scheme of Stratigraphical Division of Cambrian Deposits of the Anabar Anticline, by V. E. Savitsky, N. P. Lazarenko.

RUSSIAN, per, Trudy Nauchno-Issledovatel Inst Geolog Arktiki Ministerstva Geolog i Okhrany Nedr SSSR, Vol CI, 1959.

Dept of Interior
TN7, B57, No 282

May 60
Sci - Geophys
USSR

117,410

Biostratigraphical Subdivision of the Upper
Cambrian in the Soviet Arctic, by K. K.
Demokidov.

RUSSIAN, per, Trudy Nauchno-Issledovatel'skogo
Instituta Geologii Arktiki, Ministerstva
Geologii i Okhrany Nedr SSR, Vol III, 1960,
pp 5-9.

Dept of Interior
QE3 E57 No 75

Sci - Geophys

196,831

May 62

Rare Late Cambrian Fossils From the NW of the
Siberian Platform, by L. D. Miroshnikov.

RUSSIAN, per, Trudy Nauchno-Issledovatel'skogo
Instituta Geologii i Arktiki Ministerstva
Geologii i Otkhrany Nedr SSSR, Vol III, 1960,
pp 28-41.

1166 Ref: 58284F Dept of Interior
(7177) Q3 E57 No 83

Sci - Geophys

207,310

Aug 62

TT-63-24376

Dementitskaya, R. M.

BASIC FEATURE OF THE EARTH CRUST STRUCTURE ON GEOPHYSICAL DATA [Osnovnye Cherty Stroeniya Kory Zemli po Geofizicheskim Dannym].

H. Tomas and others, tr. [1963] [383p] 447refs
ACIC-TC-490.

Order from OTS, SLA, or ETC \$21.00 TT-63-24376

Trans. of [Nauchno-Issledovatel'skii Institut Geologii Arktiki. Trudy] (USSR) 1961, v. 115, 222p. (Abstract available)

DESCRIPTORS: *Lithosphere, *Structural geology, Geology, *Geophysics, Data, Seismic waves, Gravity anomalies, Bibliographies,

Topics include; Earth's crust and the crystalline mantle (basic concepts and terms); method of analysis of the structure of Earth's crystalline shell; basic features of the Earth's crust structure and of the crystalline shell (Earth Sciences--Geology, TT, v. 11, no. 3) (over)

- I. Dementitskaya, R. M.
- II. ACIC-TC-490
- III. Aeronautical Chart and Information Center, St. Louis, Mo.

Office of Technical Services

Gerke, A. A.
FORAMINIFERA OF THE PERMIAN, TRIASSIC, AND
LIASSIC DEPOSITS OF THE OIL-BEARING REGIONS
OF NORTH CENTRAL SIBERIA. [1962] 39p.
Order from ATS \$52.50 ATS-53P65R

Trans. of ~~Nauchno-Issledovatel'skii Institut~~
~~Geologii Arktiki, (Trudy) (USSR)~~ 1961, v. 120,
p. 18-46 and 258-262.

DESCRIPTORS: *Foraminifera, *Paleoecology, De-
posits, Siberia, Geology.

(Earth Sciences--Geology, TT, v. 9, no. 7)

63-12644

I. Gerke, A. A.
II. ATS-53P65R
III. Associated Technical
Services, Inc., East
Orange, N. J.

ATS/RJ-3787

Office of Technical Services

Chernyi, A. V.
GEOLOGICAL INTERPRETATION OF GEOPHYSICAL
ANOMALIES PREVAILING IN THE AREA BETWEEN
TURUKHAN AND YENISEY RIVERS (Geologicheskoe
Istolkovanie Geofizicheskikh Anomali Turukhan-Enisei
Mezdurech'ya). A. Philips, tr. Aug 63 [21p] 4refs
ACIC TC-667
Order from OTS, SLA or ETC \$2.60 TT-63-24352

Trans. of [Nauchno-Issledovatel'skii Institut Geologii
Arktiki. Trudy] (USSR) 1961, v. 125, p. 103-112.

DESCRIPTORS: *Gravity anomalies, *Geophysics,
Geological survey, Geology, Siberia,

(Earth Sciences--Geology, TT, v. 11, no. 2)

TT-63-24352

- I. Chernyi, A. V.
- II. ACIC TC-667
- III. Aeronautical Chart and In-
formation Center,
St. Louis, Mo.

Office of Technical Services

English Title Unknown, by G. V. Nikolayishvili.
RUSSIAN, per, Trudy Nauchno-Issledovatel'skiy,
Gidrom Inst., No 2, 1957.
*AFCL

Sept 70

Some Recommendations in Forecasting Radiation Fog,
by I. V. Koselenko.

RUSSIAN, per, Trudy Nauch Issled Gidromet Inst
Ak Nauk SSSR, No 11, 1959, pp 42-51.

NLL M. 3114

Sci - Geophys

Apr 62

189,782

62-13911

Koshelenko, I. V.
AN OUTLINE OF THE FORMATION OF LOW
CLOUDS AND FOG OWING TO RADIATIONAL
COOLING (Skema Obrazovaniya Nizkikh i Tumanov pod
Vliyaniem Radiatsionnogo Okhlazhdeniya) tr. by
Irene A. Donehoo. Nov 61 [10]p. 5 refs.
Order from OTS or SLA \$1.10 62-13911

Trans. of Ukrainaki Nauchno-Issledovatel'skii (Gidro-
Meteorologicheskii) Institut. Trudy (USSR) 1960, v. 21,
p. 16-22.

DESCRIPTORS: *Clouds, *Fog, Weather forecasting,
Moisture, Turbulence, Intensity, Cooling, *Air mass
analysis, *Stratus clouds.

It is shown that in the absence of warm advection and
moisture and with intensity of turbulence, which does
(Earth Sciences--Meteorology, TT, v. 7, no. 11,
(over)

- I. Title: Radiative cooling
- I. Koshelenko, I. V.
- II. Weather Bureau,
Washington, D. C.

Office of Technical Services

TT-63-15636

Bergman, G. R. and Proskuryakov, B. V.

ICE CROSSINGS: SELECTED ENCRIPS. Investigation of Construction and Maintenance of Airdromes on Ice 1953-54. Nikolay T. Sikejew, tr. Oct 54 [77p] ACPFL Trans. 24.

Order from GTS, SLA, or ETU \$7.60 TT-63-15636

Trans. from [Glavnoe Upravlenie Gidrometeorologicheskio Sluzh'bi. Trudy Nauchno-Issledovatel'skikh Uchrezhdenii. Seriya 4 [Gidrometeorologiya SSSR] 1954, v. 5. (Abstract available)]

DESCRIPTORS: Ice, Traffic ability, Loading (Mechanics) Safety, Snow, Water, Physical properties, Mechanical properties, Bridges, Load distribution, Mathematical analysis,

Topics in title: problem of determining safe loads on an ice cover and construction of ice crossings; brief characteristics of the conditions on bodies of water and (Earth Sciences--Frost, TT, v. 11, no.7) (over)

- I. Bergman, G. R.
- II. Proskuryakov, B. V.
- III. Title: Investigations...
- IV. ACPFL Trans-24
- V. Arctic Construction and Frost Effects Lab., Corps of Engineers, Waltham, Mass
- VI. PB-117 688 sup. notes

Office of Technical Services

(FDD 26280)

Calculation of a Thermobimetal for Aerological Instruments, by S. I. Nepomnyashchiy, 35 pp.

RUSSIAN, irreg publ, trudy Nauchno-Issledovatel' Inst
Gidrometpriboro-Stroyeniya, No 3, Leningrad, 1973,
pp 42-58.

CIA/FDD U-8650

38,870

USSR

Sci - Engineering, meteorologic instruments

Aug 56 CTS/DEX

N. I. Mikhaylova

Soil heat regime in the european USSR during the warm season. 12 pp.

RUSSIAN, per, Trudy Nauchn.-Issled. Inst. Gidrometeorol.

Priborostr, No 6, 1956, pp 192-197.

NASA TT F 14,299

aug 72

Survey and Evaluation of Methods of Measuring
the Humidity of the Air, by V. A. Usol'tsev,
4 pp.

RUSSIAN, *Trudy Nauch-Issledovatel*
Gidromet Priborostroenia, No 4, 1957.

AEC/SCL-T-196

Sci - Geophys

Nov 58

76,462

Aerodynamic Conditions for Dropping Aerological
Apparatus, by S. I. Nepomniashchiy, 23 pp.

RUSSIAN, por, Trudy Nauchno-Issledovatel'skiy
Inst Gid. Priborostroeniya, No 4, 1957, pp 51-64.

Amer Meteorol Soc
AF Cambridge Res Center

Sci - Geophysics

Aug 60

123,227

2321-D

Basic Features of the A-22-III Radiosonde, by
V. A. Usol'tsev, K. M. Manuylov, 19 pp.

RUSSIAN, per, Trudy Nauch-Issled Inst'ta Gidromet
Priborostroyeniya, No 5, Moscow, 1957, pp 3-16.

US JPRS 1-1383-D

ARC/SCL - T-226

Sci - Geophysics
Jan 59

79,802

2321-D

Aircraft Propellers, by S. I. K. Repomayankhiy,
33 pp.

RUSSIAN, per, Trudy Nauch Nagled Inst Gidromet
Priborostroyeniya, No 5, Moscow, 1957, pp 17-40.

US SP8 I-1384-D

Sci - Geophysics
Jan 59

79,803

Calculation Peculiarities of Radio Transmitters
Used in Certain Meteorological Apparatus, by
M. I. Shtein, 11 pp.

RUSSIAN, per, Trudy Nauch Issled Inst Gidromet
Priborostroen, 1957, pp 75-79.

AFC SCL-T-258

Sci - Electronics

Sep 59

97811

Film-type Indicators of Humidity - Excerpts, by
N. S. Varzhenevskiy, 11 pp.

RUSSIAN, per, Trudy Nauchno-Issledovatel'skiy Institut
Gidrometeorologicheskogo Priborostroeniya, No 5,
1957, pp 79-97.

Amer Meteorol Soc
AF Cambridge Res Center

Sci - Engineering

REC SEL T-222

May 60

115,853

The Relation Between the Length of a Radio
(Im)Pulse and the Length of a Modulated (Im)Pulse
in Automatic Valve Generators, by N. I. Shain,
10 pp.

RUSSIAN, per, Trudy Nauch-Issled Inst Gidromet
Priborostroen, No 5, 1957, pp 138-144.

AEC/BCL-3-224

Sck - Electron

Apr 59

84,240

S-4661 (d)

(DC-2321)

Basic Features of the A-22-III Radiosonde, by V. A.
Usol'tsev, K. N. Manuylov,

RUSSIAN, per, Trudy Nauchno-Issledovatel'skogo Instituta
Gidrometeorologicheskogo Priborostroyeniya, No 6,
1957, pp 3-16.

*US JPRS

Sci - Geophysics, Meteorology
Oct 58

S-4661 (d)

(DC-2321)

Aircraft Dropsonde, by S. I. Nepomnyashchiy.

RUSSIAN, per, Trudy Nauchno-Issledovatel'skogo Instituta
Gidrometeorologicheskogo Priborostroyeniya, No 6,
1957, pp 17-40.

*US JPRS/L-1384-D

ARC/524-7-238

Sci - Geophysics, Meteorology

Oct 58

*was not
to be*

Visibility in Snowfall and Problems of Forecasting
It, by N. M. Gavrilenko.

RUSSIAN, per, Trudy Nauch Issled Gidromet Inst,
Ukrain, No 12, 1958, pp 31-56.

NLL M. 2715

Sci - Geophys

180,005

Jan 62

The Automatic Radiometeorological Station (ARMS-M),
by D. Ya. Sarachkiy, 35 pp.

RUSSIAN, per, Trudy Nauchno-Issledovatel'skogo
Inst Gidro Fizi, No 7, 1959: pp 3-24. 9687947

FTD-TT-63-5362x

Sci - Physics
Jan 64

246, 386

Radio Transmitter of the Automatic Radiometeorological
Station (ARMS-N), by N. I. Shteyn, 20 pp.

RUSSIAN, per, Trudy Nauchno-Issledovatel'skogo Inst
Gidro Prib, No 7, 1959, pp 25-35. 9689949

FED-TT-63-538

Sci - Elec
Jan 684

246,387

An Automatic Radiometeorological Station for Reservoirs
(ARIV-52), by I. N. Migil'ner, F. N. Shevchenko, 23 pp.

RUSSIAN, per, Trudy Nauchno-Issledovatel'skogo Inst.
Gidro Prib, No 7, 1959, pp36-51. 9689949

FED-REF-63-538

Sci - Physics
Jan 684

246,388

A Recording Anemometer With Propeller
Transmitter, by D. Ya. Surazskiy.

RUSSIAN, per, Trudy Nauch-Issled Inst Gidrometeorolog
Priborostroyeniya, No 8, 1959, pp 11-22.

NLI. M. 2726

OTS 61-53389

Sci - Electron

177,590

Dec 61

Sevchenko, F. N., Varzhenevskii, N. S., and
Kleban, L. S.

A PHOTO-ELECTRIC CLOUD METER (BASE AND
TOP - TRS) WITH AN IMPULSE SOURCE OF LIGHT.
[1961] [8 p. (1 fig. omitted) 6 refs. Trans. no. 67;
[DSIR NLL.] M. 2727.

Order from OTS or SLA \$1.10

61-23338

Trans. of Nauc[hno]-Isled[ovatel'skii] Inst[itut]
Gidromet[eorologicheskogo] Priborost[roeniya].
T[rudy] (USSR) 1959, no. 8, p. 23-29.

DESCRIPTORS: Meteorological instruments, instru-
mentation, *Cloud height indicators, Photoelectric
cells, Design.

A photo-electric cloud-meter, dropped from an aero-
plane, has been developed, in which the deficiencies
inherent in previous cloud-meters have been largely
excluded. The main electrical arrangement of this
{Earth Sciences--Meteorology, TT, v. 7, no. 4} (over)

61-23338

I. Sevchenko, F. N.
II. Varzhenevskii, N. S.
III. Kleban, L. S.
IV. Trans-67
V. DSIR NLL M. 2727

Office of Technical Services

DUST STORMS IN KAZAKHSTAN

SEREDKINA, E. LANGUAGE-RU COUNTRY-UR

TRUDY NAUCH.-ISSLED. GIDROMETEROL. INST., KAZA
KHSTAN, 15, 1960, PP. 54-59

FSTC-HT-23-1130-73

Rate of Response of Temperature Gradient Using
Various Measuring Instruments, by G. S. Gershenzon,
K. N. Manuylov. 4 pp.

RUSSIAN, per, ~~XXX~~ Trudy Nauchno-Issledovatel'skogo
Instituta Gidrometeorol Priborostr, No 10, 1961,
pp 99-100. 9669953

FTD-TT-63-540

Sci - Earth Sci
May 63

Measurement Of Low Atmospheric Pressures With
Convection and Ionization Manometers, by M. T.
Dmitriyev, 20 pp
RUSSIAN, per, Trudy Nauchno-Issledovatel'skogo
Instituta Gidrometeorologicheskogo Priborostroyeniya,
No 11, 1963, pp 49-61.
JPRS 29856

USSR
Sci-Earth Sci & Astronomy
May 65

279,363

Radiosonde Errors Caused by the Discreteness
of the Scale, by S. I. Nepomnyashchiy, 9 pp.
FOR OFFICIAL USE ONLY
RUSSIAN, per, Trudy Nauch Issled Inst Gidrol
Meteorol Priboros, No II, 1963, 9698971
FSTC 881-165-560
I-8591
ID 2204053265

AP 76-95,

Sci - Eng
Jan 66

294,478

The Measurement of Air Temperature in
Flight, by S. I. Nepomnyashchii, 28 p.
RUSSIAN, per, Trudy Nauchno-Issledovatel'skiy
Institut Gidrometeorologicheskogo Priborost-
royeniya, No 11, 1963, pp 76-95.
ACSI I-8592
ID 22040533 65

Sci-Aero
Jan 66

294.350

Radiosonde errors Caused by the Discreteness
of the saale, by S. I. Nelomnyashchii, 9 p.
RUSSIAN, per, Trudy, Nauchno-Issledovatel'skiy
Institut Gidrometeorologicheskogo Priborost-
royeniya, No 11, 1963, pp 96-101.
ACSI I-8591
ID 22040532 65

Sci-Aero
Jan 66

294,351

An Investigation of the Possibility of Using
Electrets in Meteorological Instruments,
by N. S. Varzhenevskiy and R. A. Mel'tser,
7 pp.

RUSSIAN, per, Trudy Nauchno-Issledovatel'skogo
Gidrometeorologicheskogo Priborostroyeniya,
No 12, 1964, pp. 84-88.
JPRS 30467

USSR
Sci-ES/A
Jun 65

281,509

L. A. Shestopalov

Maximum-minimum Thermometer for determining soil temperature at the depth of the tillering node of winter crops, by L. A. Shestopalov. 15 pp

RUSSIAN, per, Trudy Nauchno-issledovatel'skiy institut Gidrometeorologicheskogo Priborostroeniya, No 12, 1964 pp 113-122.

NASA TT F 14,227

mar 72

L. A. Shestopalov

*Results of the Development and testing of the bimetal
cheskoge Termometrashchups AM-15, Thermometer Probe, by
L. A. Shestopalov.*

*RUSSIAN, per, Trudy Nauchno-issledovatel'skiy institut
Gidrometeorologicheskogo Priborostroeniya, No 12, 1964
pp 123-139.*

NASA TT F 14,226

mar 72

mar 72

Genetic Nature of the Colouring of Potato Tubers, Sprouts
and flowers, by T. Asseyeva, N. Nikolaeva.

RUSSIAN, per, Trudy nauch-issled. Inst. Kartofel'Khoz.,

No 9, 1935, pp 107.

(NLI/5828,4 1965 (1108))

Sci -

Sep 67

339,977

Most Important Pests and Diseases of (Tree) Plantings,
by I. I. Zhuravlev, G. E. Osmolovskiy, 207 pp.

RUSSIAN, per, Trudy Nauchno-Issled Inst Kommunal'nogo
Khoz Ispok Lengorsovela, 1949.

*OTS 64-11071
PL-480

Sci
Mar 64

Method of Determining the Quantity of Blood ingested
by the Flea, by L. Bryukhanova.

RUSSIAN, per, Trudy Nauchno-Issled Protiv Inst

Kavk Zakavk, No 5, 1961, pp 26-32

CSIRO/No 7750

Sci -

Sep 67

40,161

Tundra Shurbs and Their Use in Reindeer Raising,
by T. V. Vakhtina,
RUSSIAN, per, Trudy Nauchno-Issledovatel'skogo
Khozyaystva Krainego Severa, Vol XI, 1963,
pp 51-56.
PPFSTISWT 67-51233

Sci-B& M
Nov 66

Analysis of the Magnitude and Nature of the Loads
on Mine Tub Couplings, by V. D. Belyi,
I. T. Chuiko. 28 pp.

RUSSIAN, per, Trudy Nauchno-Issledovatel'skii
Institut po Bezopasnosti Rabot v Gornoi Promy-
shlennosti, Vol 11, 1960, pp 214-238.

OTS TT-64-19150

Sci/Engr
Jun 67

327,683

Plasticity and Strength of Tungsten in
Short-Term Tests, by V. P. Sevardenko,
R. M. Kal'nitskiy.
RUSSIAN, per, Trudy Nauchnyy Sovet po
Probleme Zharoprochnykh Splavov Issled
Staley i Splavov, Ak Nauk SSSR, 1964,
pp 114-117.
*FTD-MT-65-383

Sci - Chem
Sept 64

<p>Vigdorchik, Ye. A. RETENTION OF AEROSOLS THROUGH BREATHING (Zaderzhka Aerozoley pri Dykhanii). 28 Oct 60, 127p. (39 figs. refs. omitted). Trans. V-1623. Order from LC or SLA mi\$6.30, ph\$19.80 61-13805</p>	<p>61-13805</p> <ol style="list-style-type: none">1. Aerosols--Physiological effects2. Respiration--Physiology <p>I. Vigdorchik, Ye. A. II. Trans-V-1623 - USDA</p>
<p>Trans. of Nauchno-Issledovatel'skiy Institut Gigiyeny Truda i Professional'nykh Zabolovanii. Trudy (USSR) 1948, v. II, pt. 2, p. 59-67, 72-107, 130-131, 146-156, 159-170 and table of contents.</p>	<p>147,103</p>
<p>Contents: Table of contents [of entire pt. 2] Review of literature on this subject Order of aerosol particles retained through breathing and visible in the microscope Obtaining of aerosol concentration in a gas chamber Determination of the number of aerosol particles in aerosol condensation in the industry Retention through breathing of submicroscopical particles of aerosol condensation. (Biological Sciences--Toxicology, TT, v. 5, no. 5)</p>	<p>Office of Technical Services</p>

Some Results of the Research and Scouting Cruises in the
Equatorial Atlantic, November 1960 - March 1961, by
E. S. Prosvirov.

RUSSIAN, per, Trudy Nauchno-Issledovatel'skii Institut
Morskogo Rybnogo i Okeanografii, No 8, 1962, pp 17-23.

*Fisheries Research
Board, Canada

B1115
~~USSR~~
~~East~~
March 64

The Natural Resources of the Herring Fisheries, Their
Changes in the Recent Years and Prospects for the Fut-
ure, by A. S. Polonskii.

RUSSIAN, per, ^{do} Trudy Nauchno-Issledovatel'skii Institut
Morskogo Rybnogo i Okeanografii, No 8, 1962, pp 27-37.

* Fisheries Research
Board, Canada

USSR

Beon *MS*
March 64

Kovalev, P. F.

PHYSICAL ASPECTS OF EXPLOSIONPROOF ELECTRIC EQUIPMENT IN MINES (O Fizicheskikh Osnovakh Vzryvobezopasnosti Rudnichnogo Elektrooborudovaniya). Jan 61 [34]p. 14 refs. RTS 1642.
Order from OTS or SLA \$3.60

61-15740

Trans. of [Nauchno-Issledovatel'skii Institut po Bezopasnosti Rabot v Gornoi Promyshlennosti. Trudy] (USSR) 1959, v. 9, no. 2, p. 3-28.

DESCRIPTORS: Mines, *Mining engineering, *Electrical equipment, Explosion damage, Safety, *Explosion, Electric discharges, Sparks.

(Engineering, TI, v. 7, no. 10)

61-15740

- I. Kovalev, P. F.
- II. RTS-1642
- III. Department of Scientific and Industrial Research (Gt. Brit.)

Office of Technical Services

Gavril'chenko, L. L.
SPARKPROOFNESS OF BLASTING NETWORK WHEN
USING HF CURRENTS (iskrobezopasnost' Vzryenykh
Setei pri Primenenii Tokov Vysokoi Chastoty). Feb 61,
27p. 25 refs. RTS 1643.
Order from OTS or SLA \$2.60

61-15919

Trans. of [Nauchno-Issledovatel'skii Institut po Bezo-
pasnosti Rabot v Gornoi Promyshlennosti. Trudy]
(USSR) 1959, v. 9, no. 2, p. 94-115.

DESCRIPTORS: Electric detonators, Safety, *Blast,
Explosion damage, Explosion, *Mining engineering,
*Electrical equipment, *Electric discharges, Sparks,
High frequency, Electric currents.

(Engineering, TT, v. 7, no. 10)

61-15919

I. Gavril'chenko, L. L.
II. RTS-1643
III. Department of Scientific
and Industrial Research
(Gt. Brit.)

Office of Technical Services

Kolodochka, P. A.
THE DEVELOPMENT OF A NEW INTRINSICALLY
SAFE REMOTE CONTROL CIRCUIT FOR MINING
MACHINES AND MECHANISMS (Razrabotka Novoi
Iskrobezopasnoi Skhemy Distantionnogo Upravleniya
Shakhtnymi Mashinami i Mekhanizmami). Dec 60
[19]p. 7r (s. RTS 1644.
Order from OTS or SLA \$1.60

61-15390

Trans. of Nauchno-Issledovatel'skii Institut po Bezo-
pasnosti Rabot [v] Gornoi [Promyshlennosti]. Trudy
(USSR) 1959, v. 9, no. 2, p. 127-141.

DESCRIPTORS: *Mining engineering, Machines,
Control systems, *Remote control systems, Design,
Automation.

The principles that make for circuit simplicity, high
intrinsic safety and good protective properties are:
(Engineering, TT, v. 7, no. 10) (over)

61-15390

- I. Kolodochka, P. A.
- II. RTS-1644
- III. Department of Scientific
and Industrial Research
(Gt. Brit.)

Office of Technical Services

Stein, N. I.

CALCULATION PECULARITIES OF RADIO TRANSMITTERS USED IN CERTAIN METEOROLOGICAL APPARATUS (Osobennosti Rascheta Radiopredat-chikov, Ispol'zuemykh v Nekotorykh Meteorologicheskikh Priborakh) tr. by Marcel I. Weinreich.

30 June 59, 11p.

Order from OTS or SLA \$1.60

SCL-T-258

Trans. of Nauch[no]-Issled[ovatel'ski] Inst[itut]
Gidromet[eorologicheskogo] Priborostroyen[iya].
Trudy [USSR] 1957 [no. 4] p. 75-79.

DESCRIPTORS: *Radiosondes, *Radio transmitters,
*Meteorological instruments, Radio equipment,
Operations.

(Earth Sciences--Meteorology, TT, v. 10, no. 4)

63-15890

- I. Stein, N. I.
- II. SCL-T-258
- III. Sandia Corp., Albuquerque,
N. Mex.

Office of Technical Services

Agency: U.S. Army Cold Regions Res. & Eng. Lab.
P.O. no.: 72-T-32 R-14331-D
19 Jan 72
Title: ~~Opredelenie~~ koefitsientov szhimaemosti gruntov
nenarushennoi struktury, ottaivalush-
chikh pod davleniem (Compressibility of
ground of unbroken structure when thaw-
ing under load)
Author: Ushkalov, V.P.
Source: Trudy N.-I. Instituta Osnovani i
Fundamentov (Moscow) 26:38-52, 1955.
Language: Russian
Spec. instr. Please translate & type 1 copy

Agency: U.S. Army Cold Regions Res. & Eng. Lab.
P.O. no.: 72-T-35
R-14334-B
19 Jan 72

Title: Osadki fundamentov sooruzhenii na
otstavaiushchikh meralykh gruntakh
(Foundation settling in thawing ground).

Author: Ushkalov, V.P.

Source: Trudy N.-I. Instituta Osnovani i Funda-
mentov (Moscow) 26:53-91, 1955.

Language: Russian

Spec. Instr. Please translate & type 1 copy

60-13530

CLASSIFICATION OF BASHKIR AND TATAR
CRUDES: REFINING SULFUROUS CRUDES (Perera-
botka Sernistykh Neftey). [1960] [11]p. AF 1419370.
Order from OTS or SLA \$1.60 60-13530

I. AF-1 419 370

Trans. of Nauchno-Issledovatel'skii Institut po
Pererabotke Nefti. Trudy (USSR) 1959, no. 1,
p. 5-19.

DESCRIPTORS: *Petroleum, Processing, Classifica-
tion, *Fuel oil, Production.

Data are tabulated on the production of diesel fuels
(and indirectly, jet fuels) from crudes of the Bashkir
and Tatar oil fields.

(Engineering--Chemical, TT. v. 7, no. 7)

Office of Technical Services

The Effect of Varying Temperatures on the Development of Birds, by N. P. Tret'yakov.

RUSSIAN, per, Trudy Nauchno-Issledovatel'skogo Instituta Ptitsevodstva, Vol XXIV, Inkubatsiya, 1954, pp 5-12.

Assoc Tech Sv 58J14R

Sci - Biology
Oct 57

54,095

Loss in Weight of Eggs Prior to Incubation, by
Yu. N. Vladimirova, 27 pp.

RUSSIAN, per, Trudy Nauchno-Issledovatel'skogo
Instituta Ptitsevodstva, Vol XXIV, Inkubatsiya,
1954, pp 126-155.

Assoc Tech Sv 41J14R

Sci - Biology
Oct 57

54,099

The Selection of Fertilized Eggs With Vigorous Embryos, by M. V. Orlov, 12 pp.

RUSSIAN, per, Trudy Nauchno-Issledovatel'skogo Instituta Ptitsevodstva, Vol XXIV, Inkubatsiya, 1954, pp 156-169.

38J14R

Assoc Tech Sv

Sci - Biology
Oct 57

54,097

Storage Period and Duration of Warming of Hens' Eggs
Before Selection for Incubation, by E. N. Kuchkovskaya,
6 pp.

RUSSIAN, per, Trudy Nauchno-Issledovatel'skogo In-
stituta Ptitsevodstva, Vol XXIV, Inkubatsiya, 1954,
pp 170-175.

Assoc Tech Sv 37J14R

Sci - Biology
Oct 57

54,090

The Practical Application of a New Method of Selecting Eggs for Incubation After Preliminary Warming, by N. P. Tret'yakov, S. O. Pel'ttser, 7 pp.

RUSSIAN, per, Trudy Nauchno-Issledovatel'skogo Instituta Ptitsevodstva, Vol XXIV, Inkubatsiya, 1954, pp 176-184.

Assoc Tech Sv 40J14R

Sci - Biology
Oct 57

54,098

The Effect of Certain Factors on the Duration of
Incubation of Hens' Eggs, by M. V. Orlov, 6 pp.

RUSSIAN, per, Trudy Nauchno-Issledovatel'skogo
Instituta Ptitsevodstva, Vol XXIV, Inkubatsiya,
1954, pp 202-210.

Assoc Tech Sv 39J14R

Sci - Biology
Oct 57

54, 096

The Influence of Various Combinations of External
Factors, by N. A. Konoplev, 10 pp.

RUSSIAN, per, Trudy Nauchno-Issledovatel'skogo
Instituta Ptitsevodstva, Vol XXIV, Inkubatsiya,
1954, pp 211-221.

Assoc Tech Sv 36J14R

Sci - Biology
Oct 57

54,132

Characteristics of the Development of
the First Instar Larvae of the Bot-Fly
Cephenemyia trompe Infesting Reindeer
and Methods for Their Extermination,
by N. V. Voblikova.

RUSSIAN, per, Nauchno-Issledovatel'skii
Institut Selskogo Khozyaistva Krainego
Severa. Leningrad. Trudy, No 11, 1963,
pp 109-112.

NTC 72-10679-060

Apr 72

Attempt at a Quantitative Estimate of the Stocks of
the White Sea Herds of Greenland Seals by
Aerophotographic Surveys, by S. Dorofeyev, S.
Freimann, 6 pp.

RUSSIAN, per, Trudy Nauchnovo Inst Rybnovo Khoz, Vol II,
No 4, 1923, pp 1-28.

Fisheries Res Board of Canada
Biol Station
St. Andrews, N.B..

Sci

Feb 64

Herring of the Parents Sea, by Z. A. Borodátcova,
8 pp.

RUSSIAN, per, Trudy Nauchnogo Instituta Rybnogo
Khoz., Vol V, No 4, 1930, pp 45-53.

OTS 60-51149
PL-480

Sci - Biol

207,691

Jul 62

PBT 357

Plankton and the Food of Larval Baltic Herring in the
Gulf of Riga, by L. N. Lisivnenko.
RUSSIAN, per, Trudy Nauch Inst Rybnogo
Khoz Soveta Narod, 1961, pp 105-108.

NHL 9022.56 1964 (32) on loan
Fisheries Research Board
Canada, Nanaimo Station

Sci - Biol
Mar 64

252,176

The Grazing Area Required for Deer, by
L. V. Makhayeva.

RUSSIAN, per, Trudy Nauchno-Issled Inst
Sel'skogo Khoz Krainego Severa, Vol 11, 1963,
pp 41-50.

CFSTI TT 67-51231

Sci-B&M
Oct 67

342,022

**The Functions of Boric Acid in the Oxidation
Process of Paraffin Hydrocarbons, by V. V.
Veselov, Z. V. Sipeeva, L. I. Brusnina,
12 pp.**

**RUSSIAN, per, Trudy Nauchno-Issledovatel'skii
Institut Sinteticheskikh Khimicheskikh
i Moyushchikh Sredstv, Vol 2, 1961, pp 5-13.
SLA TT-65-10226**

338,799

Sci
Aug 67

The Importance of Boric Acid Dispersity
and Prior Dehydration for its Use in the
Oxidation Process of Paraffin Hydrocarbons,
by B. N. Veselov, V. M. Pedayas, 6 pp.
RUSSIAN, per, Trudy Nauchno-Issledovatel'skii
Institut Sinteticheskikh Zhirovannitsal i
Koyushchikh Sredstv, Vol 2, 1961, pp 25-29.
SIA TT-65-10227

338.798

Veslov, V. V., Padayas, V. M., and Alekseenko,
E. V.

HEAT STABILITY OF THE BORATES OF SECOND-
ARY HIGH-MOLECULAR-WEIGHT ALCOHOLS. [1963]
[13p] 4refs

Order: from OTS or SLA \$1.60

63-20003

Trans. of Nauchno-Issledovatel'skii Institut Sinteti-
cheskikh Zhivozamennitel' i Moyushchikh Sredstv.
Trudy (USSR) 1961, v. 2, p. 33-38.

DESCRIPTORS: *Borates, *Alcohols, Pyrolysis, Esters,
Alkyl radicals, Hydrocarbons, Aliphatic compounds,
Boric acids, Heat, Stability, Molecular weight

The heat stability and several other properties of
borates of higher secondary alcohols were studied.
Boric acid esters corresponding to the composition of
monoalkylborates are shown to be least stable to heat.
Dialkylborates are more stable, and trialkylborates
(Chemistry--Physical, TT, v. 10, no. 12) (over)

63-20003

I. Veslov, V. V.
II. Padayas, V. M.
III. Alekseenko, E. V.

Office of Technical Services

Linearization of Input Signals in Centralized
Control Devices Using the Digital-Pulse Method,
by B. M. Yakobson.

RUSSIAN, per, Trudy Nauch Issled Ins Ta Teploenerg
Priborostr, No 1, 1962, pp 3-21.

*FTD-MT-64-477
GOV'T USE ONLY

Sci - Elec
Oct 64

Variation of the Composition of Fatty Acids
Produced by the Oxidation of Paraffins,
by A. I. Ilina.

RUSSIAN, per, Trudy Nauchno Issledovatel'skii
Institut Sinteticheskikh Zhirozamenitelei
i Moyushchikh Sredstv, No 3, 1962, pp 71-74.
SLA TT-66-10634

Sci-Chem
Jul 66

305,528

Testing Equipment for Compressors and
Turbines, by V. I. Gaydov, Ye. N. Donozhkin.
RUSSIAN, per, Trudy Nauch Issled Inst
Labor Dvigatelye i-va Transp Mash SSSR,
No 3, 1957, pp 88-127.
*FTD-MT-65-382

Sci - Elec
Sept 65

TT-64-12333

Chepelevetski, M. L.
KINETICS OF THE DECOMPOSITION OF PHOSPHATIC
MINERALS BY ACIDS: APATITE. Jan 64, 8300words
Order from LSA \$85.00

Trans. of Nauchnyi Institut po Udobreniyam [I Insektio-
fungitsidam]. Trudy (USSR) 1937, no. 137, p. 10-35.

DESCRIPTORS: Acids, *Minerals, Phosphates, Decom-
position, Reaction kinetics, *Apatite.

I. Chepelevetski, M. L.
II. Title: Apatite
III. Literature Service
Associates, Bound
Brook, N. J.

(Earth Sciences--Mineralogy, TT, v. 11, no. 10)

Office of Technical Services

Iron Phosphates, by E. B. Brutskus,

RUSSIAN, per, Trudy Nauch Inst Udobreniyam i
Insektofungisidam im Ya. V. Samoilova, No 137,
1937, pp 110-126.

ATS RJ-2042

Sci - Chem
Dec 59

104,058

Vol'kovich, S. I., Berlin, L. B., and Mantsev, B. M.
INVESTIGATION OF EQUILIBRIUM SYSTEMS IN THE
PRODUCTION OF AMMONIUM PHOSPHATES. [1963]
[27]p. 10 refs.
Order from OTS or SLA \$2.60

63-14607

Trans. of Nauchnyi Institut po Udobreniyam i Insekt-
Fungitsidam. Trudy (USSR) 1940, no. 153, p. 228-241.

DESCRIPTORS: *Phosphates, *Ammonium compounds,
*Chemical equilibrium, *Fertilizers, Solubility,
Phosphoric acid, Impurities, Ammonia, Sulfates,
Phase studies, Statistical data.

(Chemistry--Physical, TT, v. 10, no. 6)

63-14607

I. Vol'kovich, S. I.
II. Berlin, L. B.
III. Mantsev, B. M.

Office of Technical Services

TT-64-22285

Vol'fson, L. G., Mel'nikov, N. N., Plats, A. F.,
Tarasova, G. A., and Person, A. I.
PREPARATION OF ISODRIN AND ENDRIN. Sp.
Order from ATS \$11.65 ATS-78R75R

Trans. of Nauchnyy Institut po Udobreniyam i
Insektofungitsidam. (Trudy) USSR) 1961, no. 171,
p. 52-60.

I. Vol'fson, L. G.
II. Mel'nikov, N. N.
III. Plats, A. F.
IV. Tarasova, G. A.
V. Person, A. I.
VI. ATS-78R75R
VII. Associated Technical
Services, Inc.,
East Orange, N. J.

(Biological Sciences--Pharmacology, TT, v. 12, no. 4)

Office of Technical Services

Trends and Results in Breeding Work in the
Reindeer Industry, by B. V. Preobrazhenskii.
RUSSIAN, per, Trudy Nauch. Issl. Inst. Sel'khoz.
Krain. Sev. 11, 1963, pp 33-40.
*CFSTI FT 68-50659

USSR
econ
June 68

The Status of Reindeer Husbandry in the North and
Some Means of Its Development, by N. O. Diachenko.

RUSSIAN, per, Trudy Nauch. Issl. Inst. Sel'khoz.

Krain. Sev. 12, 1963, pp 107-121.

*CFSTI TT 68-50657

USSR

Econ

June 68

An Attempt at Reindeer Herding by Team Shifts
on Collective Farms of the Nenets National
District, by A. S. Ponomarev.
RUSSIAN, per, Trudy Nauch. Issl. Inst. Sel'khoz.
Krain. Sev. 12, 1963, pp 123-128.
*CPSI IT 68-50648

USSR
Econ
June 68

Spermatogenesis in Reindeer, by E. K. Porozdin.
RUSSIAN, per, Trudy Nauch. Issl. Inst. Sel'khoz.
Krain. Sev. 12, 1963, pp 129-133.
*CFSII TF 68-50643

Sci/ear
June 68

Effective Use of the Range According to the
Practice of the Institute's Experimental Production
Farm, by V. A. Kovakina.
RUSSIAN, per, Trudy Nauch. Issl. Inst. Sel'khoz.
Krain. Sev. 12, 1963, pp 135-139.
*CFSTI TT 68-50655

USSR

Econ

June 68

Main Diseases of Reindeer and Caged Fur Animals,
by A. Kh. Laishev.

RUSSIAN, per, Trudy Nauch. Issl. Inst. Sel'khoz.
Krain Sev. 12, 1963, pp 205-212.

*CFSTI TT 68-50652

Sci/Am
June 68

Results of Studies on Brucellosis of Reindeer,
by V. A. Zabrodin.
RUSSIAN, per, Trudy Nauch. Issl. Inst. Sel'khoz.
Krain. Sev. 12, 1963, pp 217-223.
*CFSTI IT 68-50644

Sci/MA
100

Trials with Phospho-Organic Systemic Insecticides
in Killing the Larvae of Reindeer Botflies, by
D. A. Savel'ev.

RUSSIAN, per, Trudy Nauch. Issl. Inst. Sel'khoz.
Krain. Sev. 12, 1963, pp 245-252.

*CFSTI TT 68-50647

Sci/BAM
June 68

Study of the Taxonomy and Dynamics of Activity
of Blood-Sucking Flies in the Taymyr Forest

Tundra, by D. V. Savel'ev.

RUSSIAN, per, Trudy Nauch. Issl. Inst. Sel'khoz.

Krain. Sev. 12, 1963, pp 253-257.

*CFSTI TF 68-50646

Sci/BAE
June 68

Results of fulfillment of the Economics Section
Plan in 1962, by V. Z. Kozlovich.
RUSSIAN, per, Trudy Nauch. Issl. Inst. Sel'khoz.
Krain Sev. 12, 1963, pp 345-354.
*CESTI TR 68-50654

USSR
Lcon
June 68

Production of Rutile and Zircon Concentrates
by Reduction Roasting and Magnetic Separation
Methods, by S.A. Sysoljatin.
RUSSIAN, per, Trudy Nauchno-issledovatel'skogo
Instituta Uralmekhanobr, Vol. 4, 1958, pp 136-
141.
NZDIA

Sci -
Aug 67

336-083