

Development of Experimental Seismology in the
Soviet Union, by G. A. Gumburtsev, 7 pp.

RUSSIAN, no per, Iz Ak Nauk SSSR, Ser Geograf i
Geofiz, Vol XI, No 5, pp 1947, pp 409-414.

Sci Tr Center RT-195

Scientific - Geophysics

10,149

(FDD 20826)

Observations of Skyglow as a Method of Sounding the
Lower Layers of the Atmosphere, by H. I. Koherov,
53 pp.

RUSSIAN, bino per, Iz Ak Nauk SSSR, Ser Geog i
Geofiz, Vol XI, No 6, Moscow/Leningrad, Nov/Dec 1947,
pp 465-487.

CIA/FDD/U-6011

USSR

Scientific - Geophysics, atmosphere

15,651

IZV AKAD NAUK SSSR, Ser Geog i Geofiz Vol XII, No 1,
1948, 12 p

"Coagulation of Aerosol Particles in a Turbulent
Atmosphere"

Ye. N. Teverov

00-w-763
SB - 198A

42T101

IZV AKADEM NAUK SSSR, Ser Geog i Geofiz

Vol XII, No 1, 1948, 4 pp

"Effect of an Electric Field on a Liquid Stream"

Ya. I. Frenkel'

G. P. Vager

T. C. 26 Aug 1948

S.B. - 198B

S.B. - 229P

42T102

Varshina, P. V., Deryagin, B. V., and Kirilenko, N. V.
THE NONFREEZING WATER IN SOIL. (O Nezamerzayushchaya Voda v Pochve) tr. by Orest Popovich. Jan 60 [18p] ACPHEL Trans. no. 30; AD-238 979.
 Order from OTE, SLA, or ETC \$1.60 TT-63-15691

Trans. of Akademiya Nauk SSSR. (Izvestiya. Seriya Geograficheskaya i Geokhicheskaya, 1960, v. 13, no. 2, p. 108-114. (Abstract available)

DESCRIPTORS: *Soil mechanics, Soils, *Freezing, Moisture, Ice, Crystal growth, Low temperature research.

The presence of free water in soil under freezing conditions may be attributed to two factors: (1) the lowered freezing point of the water film on soil particles, and (2) the expansion of water upon freezing. It was found (Earth Sciences--Frost, TT, v. 11, no. 9) (over)

TT-63-15691

- I. Varshina, P. V.
- II. Deryagin, B. V.
- III. Kirilenko, N. V.
- IV. ACPHEL Trans-30
- V. Arctic Construction and Frost Effects Lab., Corps of Engineers, Waltham, Mass.
- VI. AD-238 979

Office of Technical Services

Applying of Azimuthal Projections for Scientific
Investigation of Photogrammetric Problems, by
N. G. Kell'.

RUSSIAN, Iz Ak Nauk SSSR, Ser. Geo i Geofiz, No. 1
Vol XII, No 2, Moscow 1948, pp 119-136.

Available OBR/Geo Div
OCU Series A, No 56

USER

Scientific - Geophysics

2161

62-14601

Bulashevich, Yu. P.
THE THEORY OF NEUTRON LOGGING AS APPLIED
TO PROSPECTING FOR COAL AND OIL (Teoriya
Neitronnogo Karottazha v Primenenii k Razvedke
Neftnykh i Ugol'nykh Mestorozhdenii). [1962] [52]p.
(foreign text included) 17 refs.
Order from OTS or SLA \$5.60

Trans. of Akademiya Nauk SSSR, Izvestiya Seriya
Geograficheskaya i Geofizicheskaya, 1948, .. 12,
no. 2, p. 135-168.

DESCRIPTORS: *Well logging, Theory, *Geophysical
prospecting, *Coal, *Oil, Neutron cross sections,
Thermal neutrons, Fast neutrons, Rock, Minerals,
Geology.

The author calculates the neutron constants of some
rocks and minerals on the basis of experimentally
(Earth Sciences--Geology, IT, v. 8, no. 7) (over)

1. Bulashevich, Yu. P.

Office of Technical Services

IZ AK NAUK SSSR, SER GEOGRAFI GEOFIZ
Vol XII, No 3

May/Jun 1948

"Heterogeneity of the Depth of the Earth and Geomagnetic
Variations" 4 pp.

Yu. D. Kalinin

T22N

AR 21 Apr 1949

1538

06W-1836/49

66T63

On Some Problems of the Theory of Caves, by V. A.
Aprolov, (TDD PA 66759).

RUSSIAN, per, ~~XX~~ [✓] Is Ak Nauk SSSR, Ser Geograf i
Geofiz, Vol XII, No 3, May/Jun 1948.

RDB Tr 55

Scientific - Geophysics

12,808

The External Gravitational Field and the Figure of
the Earth, by M. S. Molodenskiy, 19 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geograf i Geofiz,
Vol XII, No 3, 1948, pp 193-211. Call No GL-B-675.2602.

Molodenskiy

AMS Lib Tr

Proj 1537

214-51-11-15144

T-22M

AR 29 Apr 1949

66T65

Shuleikin, V. V.
DEVELOPMENT OF SOVIET GEOPHYSICS [Pod
Razvitaya Sovetskoi Geofiziki]. 1949 [10]p.
Order from OTS or SLA \$1.10 62-19034

Trans. of Akademiya Nauk SSSR. Izvestiya. Seriya
Geograficheskaya i Geofizicheskaya [1948] v. 12,
no. 4, p. 289-305.

Another trans. is available from SLA as RT-1203.

DESCRIPTORS: *Geophysics, *Scientific research,
History.

(Earth Sciences, TT, v. 10, no. 2)

62-19034

I. Shuleikin, V. V.
II. RT-1203

Office of Technical Services

IZ AK NAUK SSSR, SER GEOG I GEOFIZ
VOL XII, No 4, pp 328-335,

Jul/Aug 48

7 pp

"Direction of Escape of Seismic Rays and Study of the
Structure of the Earth"

Ye. F. Savarenskiy

Done by RDB
copy in DST

1/49T64

Physical Processes in a Snow Cover, by A. A. Shakhov,
17 pp.

RUSSIAN, bino per, Iz Ak Nauk SSSR, Ser Geog i Geofiz,
Vol XII, 1948, pp 239-248.

Sci Trans Center RT-122

USSR
Scientific - Geophysics

8672

Jan 54 CTS

IZ AK NAUK SSSR, SER GEOGRAF I GEOFIZ
Vol XII, No 4, July/Aug 1948, pp 289-305

Proj No 8260

ST-72

"Development of Soviet Geophysics", V. V.
Shuleykin

Date: SR 9 Feb 1951

Proj 8260

, 7529

OTS 62-17034

Turbulence and the Vertical Profile of Electric
Field Intensity in the Lower Layer of the
Atmosphere, by P. N. Tverskoy, M. P. Timofeyev,
16 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geof i Geog,
Vol XII, No 5, 1948, pp 377-386.

American Meteorol. Soc For
Geophysics Res Dir, ASTIA

T- 257 RU

SLAR-1628

33,991

Sci - Geophysics,

May 1955

Petrova, G. N.
IDEAL MAGNETIZATION AS ONE OF THE CAUSES
OF HIGH REMANENT MAGNETIZATION IN ROCKS.
[1961] [16] p. 23 refs.
Order from OTS or SLA \$1.60 61-16188

Trans. of Akademiya Nauk SSSR. Izvestiya Seriya
Geograficheskaya i Geofizicheskaya 1948, v. 12,
no. 5, p. 475-487.

DESCRIPTORS: *Rock. Magnetic properties.
*Magnetite. *Terrestrial magnetism.

(Physics--Magnetism, TT, v. 6, no. 2)

61-16188

I. Petrova, G. N.

108570

Office of Technical Services

62-16548

Petrova, G. N.
A STUDY OF POWDERED MAGNETITES, tr. by
Gerald W. Freeman, 1961, 12p. 4 refs. Geodynamics
Technical Trans. no. 102. Available from Geodynamics,
Inc., P. O. Box 1258, Santa Monica, Calif. \$1.00 as
TT-102. When supply exhausted.
Order from OTS or SLA \$1.60 62-16548

I. Petrova, G. N.
II. Geodyn TT-102
III. Geodynamics, Inc.,
Santa Monica, Calif.

Trans. from [Akademiya Nauk SSSR, Izvestiya, Seriya
Geograficheskaya i Geofizicheskaya, 1948, v. 12, no. 6.

DESCRIPTORS: *Magnetites, *Powder metallurgy,
Grain structures (Metallurgy), Ferromagnetic materials.

The influence of the concentration and grain size of the
ferromagnetic component, (magnetite of Gora Vysokaya)
under ideal and normal magnetization on the magnetic
properties of a powder, in particular its internal
demagnetization factor is examined. The limits of
(Metallurgy, TT, v. 10, no. 9) (over)

Office of Technical Services

The Effect of Variations of the Coefficient of Refraction in the Atmosphere Upon the Propagation of Ultrashort Radio Waves, by V. A. Krasilnikov, 25 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geograf i Geofiz, Vol XIII, No 1, 1949, pp 33-57.

Navy Tr 424/NRL 352

Sci - E S & Ast

REQUEST TR CHECK

1-6-2

BR70-1043

Structure of the temperature field in a turbulent
flow

Obukhov, A.M.

Russ per: Izvestiya AN SSSR. Seriya Geografiches-
kaya i Geofizicheskaya, vol 13, no 1, 1949

pp 58-61

In process as

HT-23-394-70

*Negative
18 June 70*

The Structure of the Temperature Field in a
Turbulent Stream, by A. M. Chukhov. 19 pp.
RUSSIAN, per, Izv. AN SSSR, Ser. Geograf i
Geofiz, Vol 13, No 1, 1949, pp 58-59.69
NASA TT 1-13,125

sci/earth sch
oct 70

(FDD 20357)

Incorrectness of the Logarithmic Law Governing the
Variation of Air Temperature With Altitude, by
N. M. Topol'nitskiy, 6 pp.

Full translation.

RUSSIAN, bino per. Iz Ak Nauk SSSR, Ser Geograf i
Geofiz, Vol XIII, No 1, Moscow, Jan/Feb 1949, pp
70-73.

CIA/FDD/U-5593

10,313

USSR

Sci - Geophysics, air temperature vs altitude

IZ AK NAUK SSSR, SER GEOG i GEOFIZ

No 2, 14 pp, 1949

"Propagation of Seismic Waves in Discrete and
Heterogeneous Media"

Yu. V. Riznichenko

DRPR, Adm. ACSIL Trans. #443

NA London Ser 2476-50

Listed in ONI, Tech Intell. Doc.

December 1950

43/49T68

Measuring the Horizontal Component of the
Atmospheric-Electric Field, by I. M. Imanitov
Imyanitov, 23 pp.

RUSSIAN, bino per, Is Ak Nauk SSSR, Ser Geof
Geograf i Geofiz, Vol XIII, No 4, 1949,
pp 320-330. CIA D 151394

Air Res and Dev Command

Scientific - Geophysics

28,677

Iz AN - Ser. Geo i Geo XIII - 4,281-306^{1,545}

8075

18413

Problem of the Geostrophic Wind

SR-2500.147

AN ODOKHov 09-01-6247/49

Calculations of the Spatial Distribution of
Potential Fields and Their Utilization in
Geophysical Prospecting (Part II), by B. A.
Andreyev.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Ser Geog
i Geofiz Vol XIII, No 3, 1949, pp 256-267.

ATTC P-78-8948/III

Sci - Geophysics

40,801

Jun 1956

Brightness of the Sky at the Beginning and End
of the Night, by W. B. Divard, 7 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Ser Geograf
i Geofiz. Vol XIII, No 3, 1949, pp 242-246.

ATIC P-TS-8599/III

Sci - Astronomy

33,250

Apr 56

DCIS, DRC, Com. Sec.
T 302 R

MAN, Geog i keep / Vol 13(2), p 151-3 (1949)
43/47187

Method of Recording the Variations in the Littoral
Relief of the Sea Bottom During Storms

Anal @ Sci Museum - 49/4730

B. Brit

Equipment and Method for Studying the
Stabilization of an Electric Field in the
Earth, by B. S. Krenshcheyin, L. E. Aronov.

~~RUSSIAN, bimo per, Iz Ak Nauk SSSR, Ser. Geog
i Geofiz, Vol XIII, No 4, 1949, pp 348-358.~~

ATTC F-15-8949/III

Sci - Geophysics

Jun 1956

40,807

Internal Demagnetizing Factor, by G. N. Petrova.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Ser Geog 1
Geofiz Vol XIII, No 4, 1949, pp 363-368.

ATIC F-75-8949/III

GT 62-16547

Sci - Geophysics

40,800

Jun 1956

Sensitivity of the Electric ~~XXXX~~ Fields
of Spherical Discontinuities Treated by
Bipolar Coordinates, by N. V. Lipskaya.

RUSSIAN, bimo per, Iz Ak Nauk SSSR. Ser
Geog i Geofiz, Vol XIII, No 4, 1959, pp
335-347.

ATTC P-TS-8949/III

Sci - Geophysics

40,802

Jun 1956

✓ (FDD 20939)

Academician K. I. Satpayev (on his 50th Birthday), by
Acad A. A. Grigor'yev, S. N. Ryzantsev, 5 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Ser Geog i Geofiz,
Vol XIII, No 5, Moscow, Sep/Oct 1949, pp 379-380.

CIA/FDD/U-5945

*Sci TR Center RT1261
15,654*

USSR

Scientific - Geophysics, scientist

SC-T-713033 Uncl.

SEISMIC QUASI-ANISOTROPY. Riznichenko, Yu. V. Translated for Sandia Labs., Albuquerque, N. Mex., from Izv. Akad. Nauk SSSR, Ser. Geogr. Geofiz.: 13; No. 6, 518-44(1949). 50p.

physics; seismic phenomena; translations

MN-34 P RC

Unlimited

I.A.N. - Sen. Jang & Jang XIX-10/47 1161-1167
(13.08) ST-72
C. H. H. Band Electrodynamical
Vibrometer (Seismograph) for
the Audio Frequencies

Problem of the Separation of Local Gravitational
Anomalies, by V. A. Magnitskiy.

RUSSIAN, per, Iz Ak Nauch SSSR, Ser Geograf i Geofiz.
Vol XIII, No 6, 1949, pp 556-562.

ACIC

Sci - Geophys

Mar 62

187,086

"Izv AN SSSR, Ser Geog & Geofiz"
Vol XIV No. 1 (Jan/Feb '50) pp 7 to 24

"The Work of the Black Sea Hydrophysics
Station on the Physics of the Sea"
V.V. Shupleykin

Proj # 5933

{ ~~CD~~
ST-72

SR ^{28 June} ~~27 May~~ '50 ^{00N.} 13037

S-4233

(NY-1554)

A Word About Atmospheric Phenomena of Electrical
Origin by Lomonosov, and the Present Concept of
Atmospheric Electricity, by Ye. K. Federov, 19 pp.

RUSSIAN, no per, Iz Ak Bank SSSR, Ser Geograf i
Geofiz, Vol XIV, No 1, Jan-1960, pp 25-36. 2

q. 1960, pp 25-36.
US JPRS/NY-1-152

Sci - Geophysics

67,305

Coefficient of Scattering of Light by Large Particles
by K. S. Styrin, 11 pp.

RUSSIAN, Iz Akad. Nauk SSSR, Ser. Teor. i ekspr. Vol. 14,
No 1, pp 64-69, 1950.

Sci Museum No 51/2135

Scientific

IAN, Ser A & B. Vol 14, #2 (1950)

Influence of Air Currents Upon Speed of Evapora-
tion of a Water Drop

N. P. Inerskaya

Sci Mus Lit # 50/386
(No. access list, Dec 50)

156788

**Determination of an Alternating Electrical Field,
in a Stratified Medium, by A. N. Tikhonov,
G. V. Mikhlin, 17 pp. FOR OFFICIAL USE ONLY
RUSSIAN, per, iz Ak Nauk SSSR, Ser Geografi
Geofiz, Vol XIV, No 2, 1950. 9598772
FSTC 381-T65-526
I-8418
ID 2204047765**

Sci - Elec
Jan 60

294,479

The Scattering of Light by Large Drops of
Water and Polarization of Light in Rainbows,
by K. S. Shyryn, 48 pp.

RUSSIAN, Iz Akad. Nauk SSSR, Ser. fiz. i mat. nauch.,
Vol. 14, No. 2, 1950, pp. 128-163.

Sci Museum No 51/2836

Scientific

The Effect of a Current of Air on Rate of Evapora-
tion of a Drop of Water by N. P. Tverskaya,

RUSSIAN, Iz Ak Nauk SSSR, Ser Geog i Geofiz, 1950,
Vol 14, No 2, pp164-70,

Sci Museum Lib No 50/3862 - London

Sci - *Geophysics*

IAN, Ser. B. 5

Vol 14, # 2, pp 171-80 (1950)

Procedure for Objectively Evaluating the Accuracy
of Forecasts, According to A Universal Scale

K. V. Brodovitskiy

proj 10508

ST-385

SR. 19 Dec 1951

Gravity Anomalies and Their Connection With the Most
Important Tectonic Patterns of the Western Regions of
the Ukrainian SSR, by A. A. Bogdanov, B. I. Gurevich,
S. Ya. Shereshevskaya.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geograf i Geofiz,
Vol XIV, No 3, 1950, pp 223-231.

ACIC

Sci - Geophys

Mar 68

12-15-77
187,087

Bogdanov, A. A., Gurevich, B. L., and
Shereshevskaya, C. Ya.

DIE SCHWERE-ANOMALIEN UND IHR ZUSAM-
MENHANG MIT DEN TEKTONISCHEN HAUPTTELE-
MENTEN IN DER WESTUKRAINE (Anomalii Svly
Tyazhesti i Ikh Svyaz' s Glavneyshimi Tektonicheskimi
Elementami Zapadnykh Oblastey Ukrainoy SSR).
[19(1)] [1] p. 9 refs. TL 952; [DSIR LLU] N: 2096.
Order from OTS or SLA \$1.60

61-13453

Trans. in German of Akademiya Nauk SSSR.
Izvestiya. Seriya Geograficheskaya i Geofizicheskaya
1950 [v. 14] no. 3, p. 223-231 (pub. in Sowjetwissen-
schaft. Naturwissenschaftliche Beiträge) (West
Germany) 1951, v. 4, no. 1.

DESCRIPTORS: *Gravity, *Geophysical surveying.
*Geology, USSR

(Earth Sciences--Geodesy, TT, v. 6, no. 3)

61-13453

- I. Title: Gravity anomalies
- I. Bogdanov, A. A.
- II. Gurevich, B. L.
- III. Shereshevskaya, C. Ya.
- IV. DSIR LLU M. 2096
- V. Trans-T/L-952

175193

Office of Technical Services

Dynamical Turbulence in the Atmosphere, by
A. S. Monin.
RUSSIAN, per, Izv AN SSSR, Ser Geograf i Geofiz,
No 14, 1950, pp 232-254.
NLL Ref: 5828.4F (M 7674)

Sci/Atmos
Mar 70

401,893

The Build-up of an Electric Current in an Inhomogeneous Stratified Medium II, by A. N. Tikhonov, A. O. Shugarevskaya, 18 pp.

^{X/}
RUSSIAN, also per, Iz Ak Nauk SSSR, Ser Geog i Geofiz, Vol XIV, No 4, 1950, pp 281-291.

ATTC F-13-8988/v

Sci - Geophysics
Feb 1957 CTS/DEX

44,452

The Transparency of the Atmosphere in the Ultraviolet
Region of the Spectrum, by S. F. Rodionov, 37 pp.

Full tr

RUSSIAN, per, in Ak Nauk, SSSR, Ser Geofiz i
Geograf, Vol XIV, No 4, Moscow, 1950, pp 334-358.

ATIC-F-23-8841/III

Scientific
OTB/Dak
Aug 56

Astronomy

37,979

Determination of Harmonic Moments of Disturbing Masses
by the Derivative of the Gravitation Potential Given
on a Plane, by V. K. Ivanov.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geograf i Geofiz,
Vol XIV, No 5, 1950, pp 403-414.

ACTC

Sci - Geophys

Mar 62

187, 085

On the Extinction of Capillary-Gravitation
Waves on the Surface of Water Covered by
Films of Certain Surface-Active Substances
as a Function of Frequency, by S. V.
Dobrokhotovskiy, V. A. Tyumeneva, 17 pp.

RUSSIAN, per, In Ak Nauk USSR, Geograf i
Fizicheskaya Geografiya, Vol. XIV, No. 5, 1970, pp. 425-439.

171,520 NMF D-149
9091674

Sci
Oct 61

IZ AK NAUK SSSR, SER GEOGRAFI I GEOFIZ

Vol XIV, No 5, pp 425-440

ST-72

(1950)

Proj# 7416

~~Soviet~~ Solidy The Use of Oil For Reducing Heavy
Seas", S. V. Dobroklonskiy and V. A. Tyumeneva

Date: DEC 12 1950

IZ AK NAUK SSSR, SER GEOGRAF I GEOFIZ
Vol XIV, No 5, 1950 pp 40-48

Proj. No 7415

ST-72

"Some Practical Conclusions From the Theory of
Thermobaric Seiches", V. G. Semenov

Date: **DEC 11 1950**

On Seismic Screening, by I. S. Berzon, A. M.
Yepint'yevn.

RUSSIAN, bimo per. Iz Ak Nauk SSSR, Ser Geograf i
Geofiz, Vol XIV, No 6, 1950, p 473.

RDB Tr 120
PA 171T63
XXX

15,794

Scientific - Geophysics

IAN, Ser. B. i. b. Vol XIV, #6, pp 514-30 (1950)

Vibration Platforms for Studying Seismographs
Used in Geophysical Prospecting

I. P. Paschnick

RDPB Ser. #122
(5 pages listing)
(Abstract + fig. Caption)

171765

IAN, Ser. B. to. Vol XIV, #6, pp 501-514 (1950)

"Some Problems in Polarization of Transverse
Seismic Waves"

S. I. Mokhanov

RWB Phot. # 121
(5 Apr 1951)
[Also incl. fig. captioned]

171T64

IZ AK NAUK SSSR, SER GEOGRAFI I GEOFIZ
No 6, Nov/Dec 1950 pp 542-546

Proj No 8224

ST-72

"A Method For Studying Seismo-Electric Effects", A. G. Ivanov

SR Date: 5/14/51

RTR 3. * 124
(attest + figure captions)

IAN, Ser 66 Vol 14, # 6, pp 547-53 (1958)

Frequency of Earthquakes

A.A. Lyapunov &
S.M. Gandyukhina

RAB Abst # 125

(6 Apr listing)

[Abst. incl. fig + caption]

MIT 66

IAN, Ser 6, B

Vol 14, # 6, pp 553-61 (50)

Determination of the Thermal Field Around
Underground Constructions

S. S. Vyalov

proj 10509

ST-389

Downy hill
DSR T. A. 46

SR 16 Jan 52

IAN, Ser. bezg. bezg. Valis, #1, np 3-9 (1951)

Problems of the Earth's Internal Structure
& Development.

V.V. Belousov

U-1709

A-2977.1

proj 10441

SR ~~217-0819.12~~ 176 T42

IAN, Sec 61.5

Vol 15, # 1, pp 40-42 (1951)

Some Data on Origins of Earth Currents

A. P. Bondarenko

proj 1044 6

16-1764

A-2977.1

SR _____

176T44

IAN, Ser 6:6

Vol 15, # 1, pp 43-50 (1951)

Study of Conditions Governing Application of Kubetskiy's
Maxwell's Multiplier as Indicator of Magnetic
Field.

N. V. Krasnogorshaya

U-1704

prg 10444
17 11 6-6

AEC 1920

A-2977.1

SR _____

176T45

(FDD 21178)

Determination of the Energy Resultant of the Wave
Regime of a Seashore, by A. M. Zhdanov, 14 pp.

RUSSIAN, bino per, Iz Ak Nauk SSSR, Ser Geog i
Geofiz, Vol XV, No 1, ~~Moscow~~, Jan/Feb 1951, pp 51-
56.

CIA/FDD/U-6131

UESR

Sci - Geophysics, shore waves

Jul 54 CTS

17,245

The Temperature of Evaporating Drops, by N. P.
Tve. skaya, 9 pp.

Full translation

RUSSIAN, no per, Izv Akad Nauk SSSR; Seriya geog i
geof, Vol XV, No 1, 1951, pp 74-81.

Sci-
Geophysics

Sci Ma Lib 53/2049

7463

Multiple Scattering in the Infrared Region of the Spectrum, by F. F. Yudaevich, 4 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geograf i Geofiz, Vol VII, 1956, pp 862-864.

SLA Tr R-655

REF ID: A655

50,574

Sci -

Aug 57

New Possibilities for the Use of Aerial Photographic
Survey Materials in Glaciological Research, by
G. D. Cheremnykh, 10 pp.
RUSSIAN, per, Iz Ak Nauk SSSR Seria Geograf, Moscow,
1963, No 6, pp 8994. (Call No G23 I95 1963, No 6, Eng Tr)
Army Map Service

Sci - E. S. & Astron
Apr 64

254,168

Arkhangel'skiĭ, A., Fedynskii, V. V., and Lyustikh,
E. N.
GEOLOGICAL RESULTS OF GRAVIMETRIC SURVEYS
IN CENTRAL ASIA AND SOUTHWESTERN KAZAKH-
STAN [AND] SELECTION OF A SUITABLE REDUCTION
OF GRAVITY FOR THE SOLUTION OF GEOLOGICAL
PROBLEMS. [1962] (60) p. 19 refs. ACIC G-13.
Order from UTS or SLA \$5.60 62-33419

Trans. of Akademiya Nauk SSSR. Izvestiya, Seriya
Geologicheskaya, 1936 [v. 1] no. 1, p. 3-33 and 1938
[v. 3] no. 4, p. 659-666.

DESCRIPTORS: *Geological survey, *Gravity anoma-
lies, *Gravity, Reduction, Terrain, Geophysics,
Geodesics, Asia.

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

62-33419

- I. Title: Karakhanstan
- I. Arkhangel'skiĭ, A.
- II. Fedynskii, V. V.
- III. Lyustikh, E. N.
- IV. Title: Selection...
- V. ACIC G-13
- VI. Aeronautical Chart and
Information Center,
St. Louis, Mo.

Office of Technical Services

Absorption of Nickel and Other Metals by Hydro-
silicates of Iron, by I. I. Ginzburg, A. I.
Ponomarev, 8 pp.

Full translation.

RUSSIAN, per, Iz Ak Nauk, Geol Series, No 1, 1939,
pp 85-93.

AECT 1570
Def Sci Info Sv DRB Canada T 85 R

Scientific - Minerals/Metals

Jun 53 CTS

2250

Concerning the Shape and Composition of Bauxite
Ore Deposits in the Northern Urals, by A. A.
Demisevich, 24 pp.

RUSSIAN, bimo per, Is Ak Nauk SSSR, Ser ~~Geograph~~
~~Int~~ Geolog, No 5/6, 1942.

Sci Tr Center RT-2797

Scientific - Min/Metals; Geophysics
Jan 56 CTS

29,707

IZV AKAD NAUK SSSR SER GEOL No 2

1947

17 pp

"The Scientific and Pedagogical Activity of Academy
Member D. S. Belyankin"

P. J. Lebedev

2182.1A

RD 3363

Proj 235

T.Div

Cancelled 1 Mar 1949

1T103

Korzhinskii, D. S.
THE FILTRATION EFFECT IN SOLUTIONS AND ITS
IMPORTANCE FOR GEOLOGY. [1962] 14p.
Order from ATS \$22.75 ATS-37P62R

Trans. of Akad[emiya] Nauk SSSR. [Izv[estii].]
Ser[iya] Geol[ogicheskaya] 1947 [v. 14] no. 2, p. 35-48.

DESCRIPTORS: *Geology, Solutions, Separation.

(Earth Sciences--Geology, TT, v. 8, no. 12)

62-34178

I. Korzhinskii, D. S.
II. ATS-37P62R
III. Associated Technical
Services, Inc., East
Orange, N. J.

ATS/AJ-3781

Office of Technical Services

Geological Activity of Microorganisms, by
A. G. Vologdin, 19 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Ser Geol,
No 3, 1947, pp 19-38.

Assoc Tech Sv
Tr RJ-557

Sci - Biology
Jun 57
CIA/TDD X-2452

48,694

Uspenskii, V., Gorakaya, A., and Karpova, I.
THE GENESIS OF ALGARITES AND THE PROC-
ESSES OF ANAEROBIC OXIDATION OF PETROLEUM
[1961] [19p. 11 refs.
Order from OTS or SLA \$1.60

62-10426

Trans. of Akad[emiya] Nauk SSSR. Ser[iya] Geok-
g[icheskaya] 1947. no. 4, p. 89-106.

DESCRIPTORS: *Petroleum, *Geochemistry, Oxida-
tion, Microbiology, Carbohydrates, Albumins, An-
aerobic spores, Anaerobiology, Microorganisms,
Bacteria, Algae, Decomposition.

(Engineering--Chemical. TT. v. 7. no. 8)

62-10426

- I. Title: Algarites
- I. Uspenskii, V.
- II. Gorakaya, A.
- III. Karpova, I.

201347

Office of Technical Services

60/49T-42 4294 T-350 W-W-8171
IAN, Ser. Geol. No. 6, 1947

Lithogenesis of Plastic Clay Sediments in
Seas, by M.M. Yermolayev, 3 pp.
RUSSIAN, per, Investiya Akademii Nauk SSSR,
Seriya Geologicheskaya, No. 1, 1948, pp.
121-128.
Dept of Navy NOD tr 355

Sci/Earth Sci. and
Oceanography
Nov-Dec 67

351,518

The Relationship Between Facies and Fusulinids and
the Periodicity of Their Development, by D. M.
Rauzer-Chernousova, E. L. Kulik.

RUSSIAN, bino per, Iz Ak Nauk SSSR, Ser Geol,
No 6, 1949, pp 131-148.

Assoc Tech Sv RJ-244
\$28.00

Scientific - Geophysics
CIB 73/Oct 1955

27,486

The Distribution of Small Foraminifera in Various
Facies of Upper Carboniferous and Artinskian Deposits
of Bashkirian Buried Massifs, by O. A. Lipina,

RUSSIAN, per. In Ak Nauk SSSR, Ser Geol, No 3, 1949,
pp 50-58.

ATS RJ-1041

Sci - Min/Met
Jul 59

91.268

IZ AK NAUK SSSR, SER GEOL No 3

May/Jun 1948

21¹/₄ pp

"The True Role of Bacteria in the Formation of
Carbon Rocks"

N. M. Strakhov

Done by FDB
copy in DST

74T35

IZV AKAD NAUK SSSR, Ser Geol No 1, 1948, 23 $\frac{1}{2}$ pp

"Some Results of the Study of the Structure of Ore
Deposits of the USSR

F. I. Vol'fson

L. I. Lukin

Proj 1384

Trans 194

4702.1E

T.C. 22 Sep 1948

41T44

Strakhov, N. M.
ON GRANULOMETRIC METHOD USED IN TESTING
OF SANDS ACCORDING TO PROFESSOR L. B.
RUCHIN (O Granulometricheskom Metode Izucheniya
Peskov Prof. L. B. Rukhina). [1962] [23]p.
Order from OTS or S. A. \$2.60

62-16675

Trans. of Akademiya Nauk SSSR, Izvestiya Vostoka
Geologicheskaya, 1948 [v. 13] no. 3, p. 150-158.

DESCRIPTORS: *Sand. Test methods. *Geology.

(Earth Sciences--Geology, TT, v. 9, no. 4)

62-16675

I. Strakhov, N. M.
H. Rukhina, L. P.

Office of Technical Services

IA11. San Geron 6/49 - ~~Long~~ # 4699
ST-72
San Geron (Hoydor)
The Old River will flow to the
Caspian Sea

I AM. Ser Gesl. 6/47 #4697

ST. 12

1960 Competition for Prizes and
Gold Medals.

"Izv. Ak. Nauk SSSR, Ser. Geol." No. 1
(Jan/Feb '50) pp 73—80.

"Base' (Opornoye) Drilling and its
Geological Foundation"
Yu. A. Kosygin

Proj # 5656

{ Requirement:
ST-72

SR { ²⁶ 27 Jun '50

"Iz. Ak. Nauk SSSR, Ser. Geol."
No. 2 (March/April 1950) pp 2-11.

"Academician D.V. Nalivkin"
by I.I. Gorskiy.

Proj # 5628

{ Requirement :
CB-7729.1

SR ¹³ Jun '50

MAN, Ser Seal # 3. 0094 (1950)

Development of Structural Geology
C.D. Azhikay

Page 7844

ST-248

SR 7 Feb 51

Determination of Net Calorific Value of Natural
Gases by Combustion in Bomb Calorimeter, by
M. D. Zhukovskaya.

RUSSIAN, per, Izvestiya Vses. Teplo tekhnogo
Instituta, No 3, 1950, pp 17-22.

Co-Op Trans Sch Tr 344
£2.8s.

Sci - Chem
May 57

48,550

Angiosperm-Type Pollen in Lower Carboniferous
Deposits, by S. Naumova.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geol,
No 3, 1950, pp 103-113.

CSIRO-3093

Sci
Aug 58

70.373

IZ AK NAUK SSSR; SER GEOLOG
No 4, July/Aug 1950, pp 68-147

Proj No ~~7726~~ 7756

ST-72

"The Substance of the Conflict in Soviet Sedi-
mentary Petrography", L. V. Pustovalov and
N. M. Strakhov

Date: **JAN 4 1951**

Project 6826 brief report of this.