

V
On Plastic Deformation (of Rocksalt), by H. A.
Brilliantov, I. V. Gbreimov.

RUSSIAN, no per, Zhur Ekaper i Teoret Fiz, Vol VII,
No 8, 1937, pp 973-985.

AEC Tr 601

16,431

Scientific - Physics

Oct 1951 CIS

Some Reflections on the Twinning of Calcite, by
I. M. Lifshitz, and I. V. Obreimov, 29 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol 12, ^{No} 2, (2),
1948, pp 65-80.

~~5/1/53~~

Sci Museum Lib No 51/3153

A-7050

AEC TR 985. Nov 51 CTS

R-2167

(DC-2168).

Some Economic and Geographical Aspects of the City
of Tecuci (Rumania), by Al. Obreja, 15 pp.

RUMANIAN, per, Natura, Vol IX, No 4, Bucharest,
Jul.-Aug 1957, pp 37-47.

US JPRS/DC-L-811.

EEur - Rumania

Geo

75,014

(DC-4485)

Ecological Zoning of Agricultural Plants in
Rumania, (Preface), ~~XXXX~~ by Gr. Obrejaanu, 4 pp.

RUMANIAN, bk, Zonarea Ecologica a Plantelor
Agricole in RFR, 1960, pp 5-8.

JPRS 6545

EEur-- Rumania

Eccon
Jan 61

138,727

APPEAL PROCEDURE AND SPECIAL LEGAL PROVISIONS IN
ADMINISTRATIVE TRIAL PROCEEDINGS, BY ZIVKO OBERNOVIC,
13 PP.

SERBIAN PER, NARODNI ODBOR, NO 6, BELGRADE, JUN 1963,
PP 261-271.

~~SECRET~~
JPRS 20306

EEUR-YUGOSLAVIA

SO
C

JUL 14 63

237,111

(DC-3000)

FURTHER DEVELOPMENT OF RELATIONS BETWEEN STATE
AND RELIGIOUS SOCIETIES, BY ZIVKO OBRENOVIC,
5 PP.

SERBIAN, PER, NARODNI ODBOR, NO 4, 1962,
PP 198-196.

JPRS 14221

EEUR - YUGOSLAVIA
SOC.
JUN 62

201,293

Differentiating Profits in Industry and the
Accumulation of Net Income in the Budget, by
Stoyan Greshnev, 13 pp.
BULGARIAN, per. Trud i teori, No 10, (Dec) 1964,
pp 26-37.
JPES 28640

p 17

EE-Bulgaria
Econ
Feb 65

275,193

Work of Formation of an Elastic Twin in Calcite, by
I. V. Obyedkov, V. I. Starostov, Gyp.

RUSSIAN, per, Zhur Zhur i Teoret Fiz, Vol XXIV,
No 5(11), 1958, pp 1065-1073.

Amer Inst of Phys
Sov Phys - JHEP
Vol VIII(35), No 5

Sci - Phys

May 59

86,601

The Formation of Ultramicroscopic Inhomogeneities
in the Plastic Deformation of Sodium Chloride,
by R. I. Garber, I. V. Obreykov, L. M. Polyakov,
2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol CVIII,
No 3, 1956, pp 425-

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 3 51, 577

Sci - Phys
Aug 57

Variations of The Mean Latitude of Poltava,
Mizusawa, Richmond and Washington, by E. I.
Obrezhova, 10p.

RUSSIAN, per, Astron Zhur, Vol XXXIV, No 3,
1957, pp 458-468

Amer Inst of Phys
Sov Astron - AF
Vol I, No 3

Sci - Astron
Apr 59

84, 592

(DC-6007)

Some Technical-Economic Problems in the Forging Industry, by J. Olbrich, 8 pp.

GERMAN, per, *Fertigungstechnik und Betrieb*, Vol XI, No 2, 1961, pp 75-78.

JPRS 8711

EDur - Germany

Econ

Aug 61

162,879

Problem of the Structure of a Sunspot Magnetic
Field, by V. Obridko, B. Ioshpa.
RUSSIAN, per, Solnechnye Dnnyye, No 3, 1955,
pp 8-54
CSIRO/ No.7692

V. OBRIDKO

Sci -
Jul 67

334,077

The K₂₃₂ ~~K₂₃₂~~ Line Profile and the Structure of the
Solar Atmosphere, by V. N. Obridko, 7 pp.

RUSSIAN, per, Astron Zhur, Vol XL, No 3, 1963,
pp 446-454.

Amer Inst of Phys
Sov Astron - AJ
Vol VI, No 2

Sci
Apr 64

254,298

Measurements of the Magnitude and Direction of the
Magnetic Field in the Region of Sunspots, by
B. A. Ioshpa, V. N. Chiriko.
RUSSIAN, per, Astron Zhur, Vol XL, No 6, 1963,
pp 1013-1015.
NASA TT F-8850

Sci-Ear Sci & Astron
May 64
U.S. GOVERNMENT ONLY

257,505

Excitation of the Ca II K Line in the Solar Chromosphere, by V. N. Obridko, 4 pp.

RUSSIAN, per, Astron Zhur, Vol XXXVII, No 6, 1960, pp 1028-1031.

AIP
Sov Astron-AJ
Vol IV, No 6

Sci
Jul 61

159,667

O'Brien, Joseph Lloyd.
PROCESS FOR THE PRODUCTION OF PHOSPHORUS-
CONTAINING POLYMERS OR COPOLYMERS.
[1962] 10p.

Order from OTS or SLA \$1. 10 62-16246

Trans. of German patent 1, 100, 287, cl. 39c 25/01.
Internat. cl. C 08 f (R22864 IVb/39c) by Rohm and
Haas Co. (U.S.) appl. 8 Mar 58, appl. pub. and
issued 23 Feb 61, pat. pub. 24 Aug 61 (priority
claimed: U.S. 29 Mar 57).

DESCRIPTORS: *Polymerization, *Copolymerization,
Acrylic resins, Phosphoric acids, Carboxylic acids,
Esters, Ethylenes, Vinyl radicals, Polymers,
*Phosphorus.

A process is proposed for producing of phosphorus-
containing polymers or copolymers. The process is
characterized by the fact that phosphoric acid esters
(Chemistry--Organic, TT, v. 8, no. 10) (over)

62-16246

I. O'Brien, J. L.
II. Patent (Germany) 1 100 287

C226230

Office of Technical Services

V Determination and Formation of Oxide Layers on
Aluminum, by W. D. Treadwell, A. Obrist

GERMAN, per, Helv Chim Acta, Vol XXVI, 1943,
pp 1816-1828.

AEC Tr 2377

Scientific - Chemistry; Min/Metals
Feb 56 GTS/dex

31,149

ANALYSIS OF THE UTILIZATION OF THE PRODUCTION CAPACITIES, BY V. GERDEY, 5 PP.

RUSSIAN, MIR, EKONOMICHESKY UCHET, NO 7, 1963, P 1-5

JPRS 20935

USSR
ECON
SEP 63

913,214

145
Boundary Layer in Vicinity of the Stagnation
Point, by E. S. Vershanskaya, Ye. I. Obroskova,
10 pp.
RUSSIAN, pub. Moscow, Universitat, Vychislitel'
nyy Tsentr, Zhurnal Rabot, No 2, 1963,
pp 135-145. F100262066-V
FTD-NR-66-170

Ye. I. Obroskova

Sci/Phys
Nov 68

366,961

Utilization of Radioactive Isotopes in the Development of the Problem of Iono-Galvanization, by A. N. Obrosov, I. A. Abrikosov, E. D. Tykochiskaya,

RUSSIAN, per, Trudy Vses Konfer Med Radiol, Eksper Med Radiol, Moscow, 1957, pp 558, 559.

AEC Tr 3661

Oct 59

22

Experience in the Treatment of Patients With
Microwaves, by A. N. Chrusov, L. A. Skuridina,
18 pp.
RUSSIAN, par. Klinicheskaya Mchba, Vol XLII,
No 4, 1964, pp 139-144.
JPRS 53185

SI - Med
JPRS

363,560

EFFECT OF MICROWAVES ON THE CARDIO-VASCULAR SYSTEM
OF A HEALTHY PERSON, BY AN. GORODOV, L. A. SPURTOVINA,
ET AL, 12 PP.

RUSSIAN, PER, VOPROSY ORKHOLOGII, FIZIOTERAPII I
LECHENIYA FIZICHESKOY NEKLETOY, VOL. XXVII, NO 3,
MAY-JUN 63, PP 223-229.

RUSSIAN, PER, VAPORNY NARODNOY, FIZIOTERAPII
I LECHENIY FIZICHEINYE NAUKI, JOURNAL, NO 2,
1963, PP 97-101.

APR 2000

SCI - BIOL & MED SCI
SER 63

031,035

(NY-7098)

ON THE STATUS AND PROBLEMS OF THE DEVELOPMENT
OF SCIENTIFIC RESEARCH ON PHYSIOTHERAPY IN THE
PUBLIC HEALTH ESTABLISHMENTS OF THE RSFSR, BY
A. N. OBOBOV, 4 PP.

RUSSIAN, PER BYUL' UCHENOGO MEDIT SOVETA,
VOL 11, NO 5, 1961, PP 16-20.

JPRS 14294

SCI - MED
JUL 68

201,952

Alloys of Ruthenium with Boron, Beryllium and
Aluminium, by W. Obrowski.
GERMAN, per Metall, Vol. 17, 1963, pp 108-112

W. Obrowski

Sci -
Sep 67

339-788

Reactions Between Solid Iron and Liquid Aluminum and
Aluminum Alloys, by E. Gebhardt, W. Osrowski.

Full translation.

GERMAN, per, Zeitschrift für Metallkunde, Vol XLIV,
1953, pp 154-160.

Butcher Trans No 3149

CIA/Z-256

Scientific - Minerals/Metals

Sep 53 CTS

\$9.20 price

4841

AN ELLIPTICAL POLARIZED ANTENNA IRRADIATED BY AN
ELLIPTICAL CONE HORN, BY J. MUSIL, L. CERKA, 11 PP.

CZECH, PER, SLADOPROBNY OBOR, VOL XXIII, NO 2,
1962, PP 73-83. 967532

FTD-TT-62-991

SCI - ELECTRON
12 OCT 62

212,756

The Lower Devonian in North Timan, by L. S.
Kossavoy, D. V. Obruchev, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Earth Sciences
Section, Vol CXLVII, No 5, Nov, Dec 1962,
pp 1147-1150.

Amer Geol Inst

Sci
Nov 64

268,427

Air Surveys in Canada, by S. V. Obruchev,
5 pp.

RUSSIAN, bino per, IZ v-s Geograf Obshch,
Vol LXXXV, No 3, 1953, pp 295, 296.

CIA D 197008

Sci Tr Center
RT-2240

Scientific - Geophysics
CES 70/Jul 55

25,209

Sannikov Land, by V. Gbruchay, 280 pp.

RUSSIAN, bk.

Four Continents Book Corp
822 Broadway
New York 3, NY

May 60

OBRUCHEV, V.A.

Papers presented to the Acad of Sci USSR

00W 671/48

A 86''

The Geological Structure of the Northern
Districts of Siberia, by V. A. Obruchev,
18 pp.

bk,
RUSSIAN, ~~xxx~~, Geologiya i Poleznye Iskopaemye
Severa SSSR, Vol I, Geol, 1935, pp 6-9; 76-81.

CIA/FDD/X-~~1000~~

1742

USSR -

Geographic -

Scientific - Geophysics

25, 304
Jul 55 CTS

(SF-1813)

The Minerals of Dzungaria, by V. A. Obuchev.
93 pp.

RUSSIAN, bk, Iskopyaynyye Bogatstva Pogranichnoy
Dzhungarii, 1932, pp 1-68.

JPRS 4762

Sci - M/Metals

Aug 61

16² 033

(NY-6428)

The Industrial Utilization of the Petrurgical
Raw Materials of the Ukraine, by V. V. Obruchev,
4 pp.

RUSSIAN, per, Vest Ak Nauk SSSR, Vol XXXI, No 2,
1961, pp 131-133.

JPRS 9886

Sci

165, 922

Sep 61

oxide films on platinum electrodes, by
A. D. Obukhova. 117
RUSSIAN, per, Zhurnal Fizikal Khimii, Vol 26,
1952, pp 1448-1457.
*Dept of Navy NIC Trans

A. D. Obukhova
sci/physics
mar 69

The Platinum Electrode. X. Analysis of Oxygen
Adsorption on Smooth Platinum Using the Electro-
chemical Method, by A. D. Obrucheva.

RUSSIAN, per. Zhurnal Fiz Khim, Vol 26, No 10,
1952, pp 1448-1457.

NAV/SEC/Trans-2865-69

A. D. Obrucheva

Sci-Figs
Sept 69

390,297

Investigation of the Absorption of Ions on Platinized
Platinum by Measuring the Adsorption Potentials, by
A. D. Obrucheva, 13 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXII, No 9, 1958,
pp 2155-2164. 9093027

NDF-O-110

Sci
Nov 59

101,331

Study of the Adsorption of Cations on Platinized Platinum
by the Method of Measuring the Adsorption Potentials, by
A. D. Obrucheva, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 5, 1958,
pp 1072-1075.

Consultants Bureau

Sci - Chem

22/6/59

90,012

21
Enzyme Systems of Mycelial Fungi, by
E. A. Rubin, N. V. Obrucheva, 3 pp.
BIOGEM, par, Dok Ak Nauk SSSR, Vol XXV, No 1,
1964, pp 247-249.
OTB 424-1964
PL-400

N.V. Obrucheva

Sci - Med & Med Sci
Jan 64

249,400

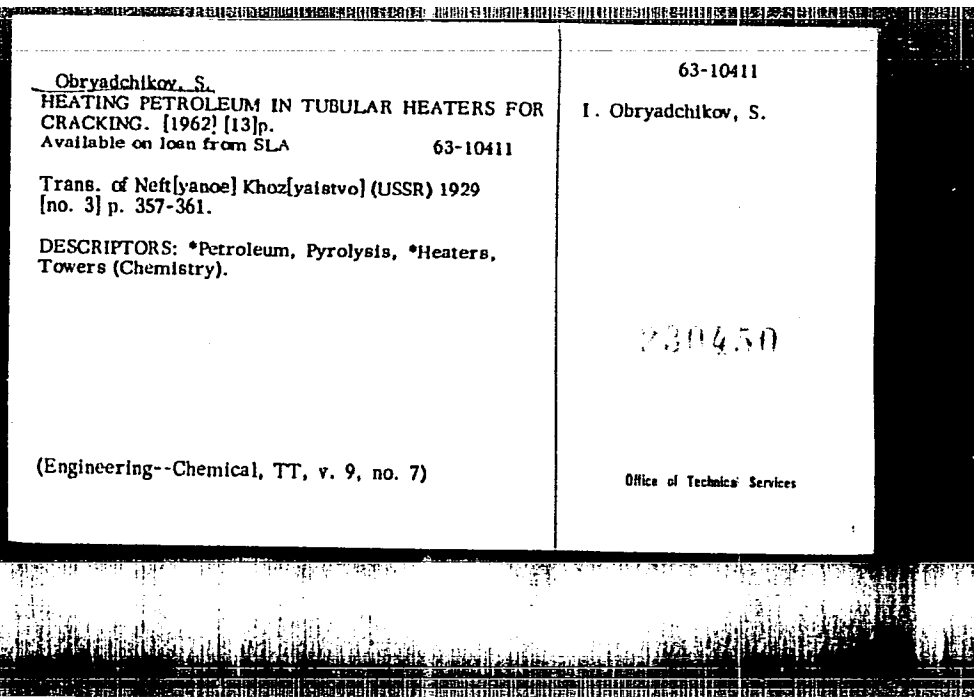
The Growth of Speed in Air Transport, by I.
Obruckij, 7 pp.

CZECH, per, Letecky Obzor, Vol IV, No 3,
1960, pp 66-67. 9670060

ATIC MSL-947/1-2

ESur - Czechoslovakia
Econ
Jul 61

158,752



Two-Step Cracking of a Wide Fraction of Ishimbaevo
Oil, by S.N. Obryadchikov, G. Zubchenko. 7 pp.
RUSSIAN, per, Neriyanos Khozyaistvo, Vol 17, No 12,
1936, pp 27-29.
SLA TT-61-16988

Sci/Chemistry
Jul 66

S.N. Obryadchikov

305,994

Systems of High Pressure Cracking Stills
Introduced in the Industry, by S. N.
Obryadchikov, 31 pp. UNCLASSIFIED

RUSSIAN, bk, Tekh Nefti, Part II, 1952, pp 83-116,
Encl to LA1-279-54, AFOIN.

AF 628511

USSR

Scientific .

CIA D 69302

CFS/DEX

13,700

62-10814

I. Obryadchikov, S. N.

~~Obryadchikov, S. N.~~
TEMPERATURE CONDITIONS OF FORMATION OF
OIL IN NATURE. [1961] Sp. 13 refs.
Order from OTS or SLA \$1.10

62-10814

Trans. of Neftyanoe Khozjalstvo (USSR) 1946 [v. 24]
no. 3/4, p. 39-44.

DESCRIPTORS: *Oils, Temperature, Aluminum com-
pounds, Silicates, Chemical reactions, *Gasoline.

208371

(Materials--Fuels, TT, v. 7, no. 10)

Office of Technical Services

TT-61-18113

Obryadchikov, S. N. and Lebedeva, A. S.
VAPOR PRESSURES OF WIDE OIL FRACTIONS. 17p.
Order from SLA \$1.60 TT-61-18113

I. Obryadchikov, S. N.
II. Lebedeva, A. S.

Trans. of [Institut Neftekhimicheskoi i Gazovoi
Promyshlennost. Trudy] (USSR) 1939, p. 129-142.

(Chemistry--Organic, TT, v. 12, no. 7)

Office of Technical Services

Vapor Pressures of Wide Oil Fractions,
by S. M. Obryadchikov, 17 pp.
RUSSIAN, per, Trudy Inst Neft i Gazov Prom,
1939, pp 129-142.
CFSTI TT-61-18113

Sci -
Jul 66

305,846

The Main Working Principles of a New Type of
Rectifying Column (Polshelinsk's System), by
S. N. Oryadnikov, V. S. Zablonskiy, 30 pp.

RUSSIAN, per, Neft Khos, No 6, 1936, pp 37-44.

AND 100ER-0004

Sci
May 61

151,157

The Electromagnetic Properties of Baryons in the
Model of Unitary Symmetry, by E. Kapustsk, E. Obryk,
5 pp.
RUSSIAN, rpt, Joint Institute for Nuclear Research,
1964, pp 1-7. 9225791
AEC-ANL-Tr-65

Sci-Nucl Sci
Dec 64

270,058

Progress in Development of Oscillation-
Dampening Material, by Lothar Bohn, Friedrich
Linhardt, Hermann Oberst, 25 pp.

GERMAN, rpt, Fortschritte in der Entwicklung
Schwingungsdampfer Stoffe, 25 pp.
9670074

ATIC MCL-421/1

Sci - Phys

Jul 61

161,348

COMMENT BY PRAVDA OBSERVER, 7 PP.

RUSSIAN, NP, PRAVDA, 22 JAN 1963, P 3.

JPRS 17551

USSR

POL

■ FEB 63

221,660

Contribution to the Determination of Water
in Metallurgical Slags, by K.H. Gost;

M. Melissa.

GERMANY, per, Archiv fur das Eisenhuettenwesen,
1959, 30, Oct., 601-603.

*BISI 3387

Sci/Inst & Mat
Mar 65

The Use of Different Grades of Lime in Open-Hearth
Steelmaking, by K. H. Obst, W. Kohler,
E. Meier-Cortes, et al.

GERMAN, per, Stahl und Eisen, Vol LXXXI,
Nov 1961, pp 1503-1510.

BIBI 2803

Sci - M/M
Jul 62
List No 137

203, 431

Obtemperanskaya, S. I., Terent'ev, A. P., and
Buzlanova, M. M.
THE QUANTITATIVE DETERMINATION OF THIO-
ALCOHOLS AND THIOPHENOLS. 10 July 62 [5]p.
8 refs.
Order from OTS or SLA \$1.10

62-18974

Trans. of Moscow U. Vestnik. Ser[lya] Mat[ematiki]
Mekh[aniki] Astron[omi] Fiz[iki] Khim[i] (USSR) 1957,
v. 12, no. 3, p. 145-147.

DESCRIPTORS: *Quantative analysis, *Thio radicals,
*Alcohols, *Phenols, Dioxides, Ethylenes, Hetero-
cyclic compounds, Acrylonitriles.

A new method for the analysis of thioalcohols and
thiophenols, based on the cyanoethylation reaction is
presented. Which is as accurate as the iodometric
method. It was found that if a sample of a compound
containing a mercapto group is treated with excess
(Chemistry--Analytical, TT, v. 9, no. 5) (over)

62-18974

I. Obtemperanskaya, S. I.
II. Terent'ev, A. P.
III. Buzlanova, M. M.

C227907

Office of Technical Services

A Quantitative Method of Determining Acrylonitrile
by Means of Sodium Sulfite, by A. P. Terentyev,
S. I. Obtemperanskaya, 2 pp.

RUSSIAN, per, Zhur Anal Khim, Vol XI, No 5, Sep/
Oct 1956, pp 638, 639.

Consultats Bureau

Sci - Chem
Jul 57

49, 488

The Change of the Barometric Field in the Intermediate
Atmosphere, by A. M. Obuchov, A. S. Tschapligina,

RUSSIAN, rpt on Research Conducted by the Institute
for Physics of the Atmosphere, No 2, (research
conducted in 1951/2).

CIA/FDD X-4232

Sci - Geophysics

Apr 60

Change of the Barometric Field in the Intermediate
Atmosphere, by A. M. Gouchev, A. S. Tschaplignina,

RUSSIAN, rpt on Research Conducted by the Institute
for Physics of the Atmosphere, No 2, (research
conducted in 1951/2).

FDD X-4232

Sci - Geophysics

Apr 60

115,128

The People of Orava Take the Right Road, by Marta
Obuchova, 4 pp.

CZECH, per, Zivot Strany, No 3, Feb 1958, Prague,
pp 188-190.

US JPRS/DC-L-677

EE - Czechoslovakia
Pol

70,197

Geological Structure of Lubaczow (Poland), by
Zbigniew Guchowicz, Adam Tokarski, Stanislaw
Wdowiars, 17 pp.

POLISH, par, Mafta, Vol XIV, No 6, Katowice, Poland,
Apr 1958, pp 89-97.

US JPRS/NY-L-423

ESur - Poland
Econ - Fossil and power
17 Nov 1958

75, 262

Structure of Temperature Field in Turbulent
Flow, by A. M. Obukhoff. 89
RUSSIAN, per, Izv ANSSSR, Seriya Geograf i Gafiz,
Vol 13, No 1, 1949, pp 58-69.
NASA TT F-13,125

Sci-Phys
Jul 70

A. M. OBUKHOFF

<p>Obukhov, A. P., Mikhailova, M. N., and Kopusova.</p>	<p>63-18536</p>
<p>PROPERTIES OF MAGNESEUM OXIDE OBTAINED BY HYDROLYSIS OF MAGNESEUM CHLORIDE. [1963]</p>	<p>I. Obukhov, A. P. II. Mikhailova, M. N. III. Kopusova, V. I.</p>
<p>[23p] Sretn Order from OTS or SLA \$2.60 63-18536</p>	
<p>Trans. of [Gosudarstvennyi Institut Prikladnoi Khimii. Trudy] (USSR) 1964, v. 23, p. 69-78.</p>	
<p>DESCRIPTORS: *Magnesium compounds, *Oxides, Chlorides, Hydrolysis, *Cements, Chemical properties, Physical properties, Chemical reactions.</p>	<p>1252457</p>
<p>(Materials--Ceramics, TT, v. 10, no. 10)</p>	<p>Office of Technical Services</p>

Obukhov, A. P. and Lavrov, V. P.
THE TERNARY SYSTEM $MgCl_2 + H_2O + H_2Cl_2$.
[1963] [7p] 4refs
Order from OTS or SLA \$1.10

63-18558

Trans. of [Gosudarstvennyi Institut Prikladnoi Khimii.
Trudy] (USSR) 1934, v. 25, p. 81-84.

DESCRIPTORS: *Magnesium compounds, *Chlorides,
*Water, *Hydrochloric acid, *Oxides, *Cements,
*Phase studies, Solubility, Chemical equilibrium.

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

63-18558

I. Obukhov, A. P.
II. Lavrov, V. P.

1252546

Office of Technical Services

The Influence of Weak Atmospheric in-
Homogeneties Upon the Propagation of
Sound and Light, by A. M. Obukhov, 22pp
RUSSIAN, per, Izvestiya Akademiya Nauk,
1953, No 2, pp 155-165.
CFSTI TT-64-71252

A. M. Obukhov

323,281.

Sci - Earth Sciences

Apr 67

The Tank Troops of the Soviet Army, by Obukhov.

RUSSIAN, np, Krasnaya Zvezda, 13 Sept 1959.

FBID Daily Report

USSR
MLL
Sep 59

97,456

Maximum Coefficients of Floodwater Runoff
From Small Catchment Areas and Parameters
of Their Variability in the Conditions
of the Krasnodar Kray, by A. D. Obukhov,
4 pp.

RUSSIAN, per, Met i Gid, No 11, 1958,
pp 31-35. 9097144

OTS 60-21903
FL-480

Sci - Geophys
Apr 62

189,359

Scattering of Sound in Turbulent Flow, by
A. M. Obukhov. 83
RUSSIAN, par, Dok Ak Nauk SSSR, Vol XXX, No 7,
1941, pp 616-620.
*NASA TT F-9493

Sci-ES/A
Jul 65

53
Atmospheric Investigations of the Atmospheric Processes, by
A. M. Ginzburg, 9 pp.
RUSSIAN, part 1 GIN, No 1, 1964, pp 3-9.
SPS 10300

Sci-Har Sci
Apr 64

204,722

: Change of the Pressure Field in the Middle
the Troposphere, by A. M. Obukhov, A. S.
Plygina.

SIAN, per, Trudy Instituta Fiz Atmos Ak Nauk
SR, No 2, 1958, pp 23-49.

DSIR LLU M.1517
(loan)

1 - Geophys

128,759

t 60

The Influence of Hydrostatic Forces on the Structure of the Temperature Field in Turbulent Flow, by A. M. Obukhov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 60XV, No 6, 1959, pp 1246-1248.

AGI

Sci

Jun 61

152, 153

Main Types of Movement of Barocline Atmosphere
in the Field of Coriolis Force, by A. S.
Monin, A. M. Obukhov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol ^{1958,} ~~XIII~~, No 1,
pp 58-61.

Consultants Bureau

Sci.

Jan 60

104,751

NY-1280

Statistical Report of Continuous Fields, by A.H.
Obukhov, 39 pp. UNCLASSIFIED

RUSSIAN, irreg per, Trudy Geofiz Instit, No 24(15)
Moscow, 1954, pp 3-42.

US JPRS/NY-L-106

Sci - Geophysics

61,870

Soviet Work in the Field of Study of Atmospheric
Turbulence, by A. M. Obukhov, 5 pp. UNCLASSIFIED

RUSSIAN, no per, Iz Ak Nauk SSSR, Ser Geofiz, No 11,
Moscow, Nov 1957, pp 1389-1392.

US JPRS/NY-L-58

Sci - Geophysics
Apr 58

SLA: 61-13153

61, 541

Propagation of Waves in a Medium With Random Inhomogeneities of the Index of Refraction. (Survey), by V. A. Krasil'nikov, A. M. Obukhov, 8 pp.

RUSSIAN, qu per, Akust Zhur, Vol II, No 2, Apr-Jun 1956, pp 107-112.

American Inst of Physics
Vol II, No 2,
Soviet Physics, Acoustics

Sci - Physics
Jun 57

48,487

Basic Laws of Turbulent Mixing in the Ground Layer
of the Atmosphere, by A. S. Monin, A. M. Obukhov,
31 pp.

RUSSIAN, per, Trudy Ak Nauk SSSR, Geofiz Institut,
No 2*(151), 1954, pp 163-187.

SLA 59-15097

Sci • Geophysics
Nov 59

103,321

The Effect of Slight Heterogeneities of the
Atmosphere on the Propagation of Sound and
Light, by A. M. Obukhov, 10 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz,
No 2, 1953, pp 155-166.

Sci Mus Lib Tr 57/0963

Sci - Geophysics
Jul 57

49,814

(FDD 20646)

Dimensionless Characteristics of Turbulence in the
Layer of Atmosphere Close to the Ground, by A. S.
Monin, A. M. Chukhov, 6 pp.

RUSSIAN, thrice-a-year, Dok Ak Nauk SSSR, Nov Ser,
Vol XCIII, No 2, Moscow, 1953, pp 257-260.

CIA/FDD/U-5921

USSR
Scientific - Geophysics,
micro meteorology

15,655

The Statistically Orthogonal Expansion of
Empirical Functions, by A.M. Obukhov, 4 pp.

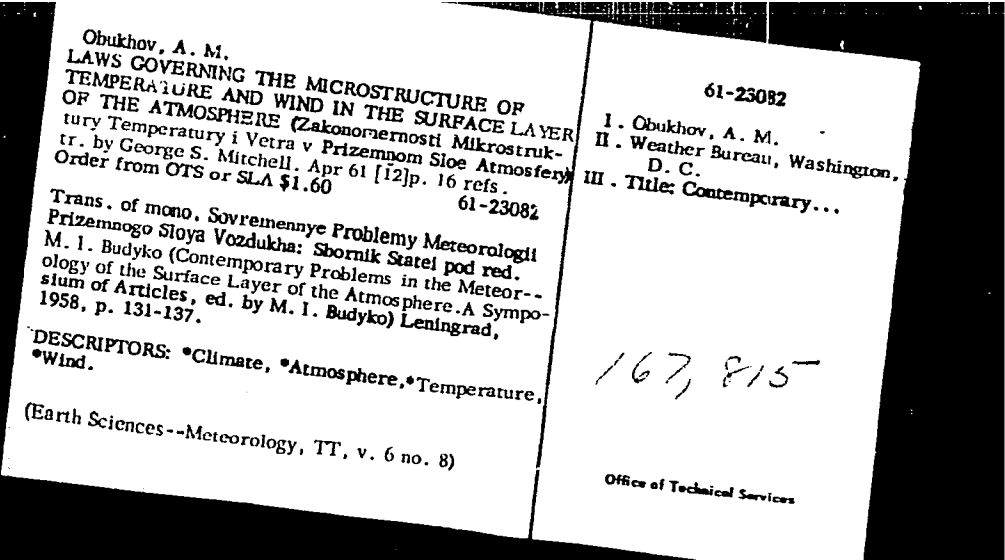
RUSSIAN, per, Iz Ak Nauk, Ser Geofiz, No 3,
1960, pp 432-439

Amer Geophys Union

Sci

Dec 60

134,856



Obukhov, A. M.
 LAWS GOVERNING THE MICROSTRUCTURE OF
 TEMPERATURE AND WIND IN THE SURFACE LAYER
 OF THE ATMOSPHERE (Zakonornosti Mikrostruk-
 tury Temperatury i Vetra v Prizemnom Sloe Atmosfery)
 tr. by George S. Mitchell. Apr 61 [12]p. 16 refs.
 Order from OTS or SLA \$1.60

61-23082

- I. Obukhov, A. M.
- II. Weather Bureau, Washington, D. C.
- III. Title: Contemporary...

167, 815

Office of Technical Services

Trans. of mono. Sovremennye Problemy Meteorologii
 Prizemnogo Sloya Vozdukh: Sbornik Statei pod red.
 M. I. Budyko (Contemporary Problems in the Meteor-
 ology of the Surface Layer of the Atmosphere. A Sympo-
 sium of Articles, ed. by M. I. Budyko) Leningrad,
 1958, p. 131-137.

DESCRIPTORS: *Climate, *Atmosphere, *Temperature,
 *Wind.

(Earth Sciences--Meteorology, TT, v. 6 no. 8)

(FDD 27277)

The Problem of Evaluating the Success of Alternative
Prognoses, by A. M. Obukhov, 22 pp.

RUSSIAN, bino per, Iz Ak Nauk SSSR, Ser Geofiz, No 4,
Moscow, 1955, pp 339-349.

SLA R-23/57
CIA/FDD U-8664

58,890

USSR
Sci - Geophysics

Aug 56 CTS/DEX

2157-Z

Small Oscillations in the Atmosphere and
Adaptions of Meteorological Fields, by A. S.
Mazin, A. M. Gukhov, 25 pp.

RUSSIAN, PWT, Ts Ak Nauk SSSR, Ser Geofiz.
No 11, 1958, pp 1360-1373.

US JFID Tr L-619-W

Sci - Geophysics
Jan 59

79,807

(FDD 26210)

Propagation of a Sound Wave in a Vortex
Current, by A. N. Obukhov, 5 pp.

RUSSIAN, thrice-a-month, Dok Ak Nauk SSSR,
Vol XXXIX, No 2, Moscow, 1943, pp 46-48.

CIA/FDD/U-7675

31,421

USSR
Sci - physics