

112
Interaction of Plasma Blobs With Magnetic
Fields, by V. S. Voitsenya, A. G. Gortanink,
E. G. Zikov, 15 pp.
RUSSIAN, per, Akademiya Nauk Ukrainskoi SSR,
Kharkov. Fiziko-Matematiceskii Institut,
6-10 Sep 1965.
AEC LA Tr-65-30

V. S. Voitsenya

327,843

Sci. - Physics

107
Interaction of Moving Plasma with an Oblique
Magnetic Field, by V. S. Voitsenya, 15 pp.
RUSSIAN, rpt, Akad Nauk Uk SSR, Fiziko-Tekh,
AP-17664, 1968.

*AEC

V. S. Voitsenya

Sci/Phy
Feb 78

VOITSIK, L. and ERZOLIMSKII, B.
beam on the target of a neutron tube.
Yadern. Geofizika. (1):148-51 (1969)

Defocusing of an io

(CSIRO/No.10

VOITSIK, L. and EROZOLIMSKII, B. Investigation of a
neutron tube ion source.
Yadern. Geofiz. (1):144-7 (1968) (CSIRO/No. 10

65
Learning Results of Dublin, Other Areas Compared,
by Ryszard Wojcik, 10 pp.
J. Pol. Sci., 1968, pp. 126-133.
JPL 46497

Oct-April
1968

367,352

Ryszard Wojcik

Mineralogical Composition of the Clay Fraction in the
Soils in the Territory of Radjevina, by L. Vojinovic.
CROATIAN, rpt, Zbornik Radova, Institut Za Proucavanje
Zemljsta, 1968, pp 91-99.
*NTIS TT 71-56088

L. Vojinovic

July 71

77
The Stability of Structural Micro-Aggregates of Parapodsols (Pseudogley) as a Function in the Manner of its Utilization by L. Vojinovic, 9 pp.

SERBO-CROATIAN, per, Zbornik Radova, Institut Zapronevanje Zemljista Beograd, 1968, pp. 108-111.

*CPSTI TT 70-56050

SCI/b&m Earsci
Apr 70

L. Vojinovic

Stability of Structural Aggregates of Parapodzol
(Pseudoglei) as Influenced by Soil Utilization, by
Ljubica Vojinovic, 11 pp.
CROATIAN, per, Zbornik Radova Instituta Za Proucavanje
Zemijista, No 1, 1968, pp 103-112.
NTIS TT 70-56050

Ljubica Vojinovic

May 71

Development of Bell Pass Design, by J. Vojkovsky.
Czech, per. Autnik, Vol 19, No 5, 1969,
pp 1870193.
*NSI 7705

sci/ materials
NOV 69

J. Vojkovsky

Role of Self-Financing in Production Expansion
by D. Vojnic, 5 pp.
CROATIAN, mp, Vladimir, Zagreb, 19 Aug 71,
p 8.
JPRS 54185

D. Vojnic

Oct 71

Investment Activity During Reform Evaluated.
by Dragomir Vojnic, Mijo Sekulic, 23 pp.
SERBO-CROATIAN, per. Vjesnik, Zagreb, 8 May
1969, pp 8, 9, 10.
JPRS 48170

DRAGOMIR VOJNIC

At-Yugo

From

July 69

383,780

Developmental Tendencies and an Evaluation of the
Development of the Yugoslav Economy, by Dragomir
Vojnic, 19 pp.
SERBOCROATIAN, per, Ekonomski pregled, No 2-3, 1965,
pp. 131-150.
JPRS 31138

28

Dragomir Vojnic

EE-Yugoslavia
Econ
Jul 65

283,788

The Thermodynamics and Magnetohydrodynamics of
Wave Propagation in Partially Ionized Plasmas, 11/5

by E. Kirsten, ed. Vojta, 7 pp.

DEGRAN, per, Akad Wissenschaften zu Berlin,

Vol 9, No 9, 1967, pp 666-670.

AIF/ITH/AT-23-63-69

sci/Phy
Nov 69

J. Vojta

395,968

Analysis of Amplifiers with More Than One Feed-
back Loop, by L. Vajta. 79

CZECH. J. Elaborately Engor. Vol 27, No 9,
1966, pp 537-543.

ALL Ref: 9022.81 (2380)

L. VOJTA

Sci-Elec

AUG 68

363,663

Laslo Vajta

Trends in the Development and Production of
Metal-Working Oils and Additives, by Laslo Vajta,
Endre Vamos, and Akos Csop. 19 pp.
HUNGARIAN, per, Budapest. Bányászati és Kohászati
Lapok. Koolai és Földgas, Vol 2, No 12, 1969,
pp 372-378.
AIR/FTD-HT-23-579-70

Aug 71

Ludmir Voita
Basic Information for Construction of KPI 32
Line Using Tesla System, by Ludmir Voita,
6 pp.
OZECR, per. PTI KATRE, Prague, No 3, Aug 71,
pp 15, 20.
JPRS 54086

Oct 71

66
New Method of Measuring Current Gain
and Cut-Off Frequency of Transistors,
by J. Brycej, S. Vojtasek, 20 pp.
Uzav., per. Slaboproudy OZor,
Vol XXVI, No 3, 1965, pp 129-138.
MSI 1-5853 A
ID 2204064565

S. Vojtasek

Sci-lect
Sci-lect

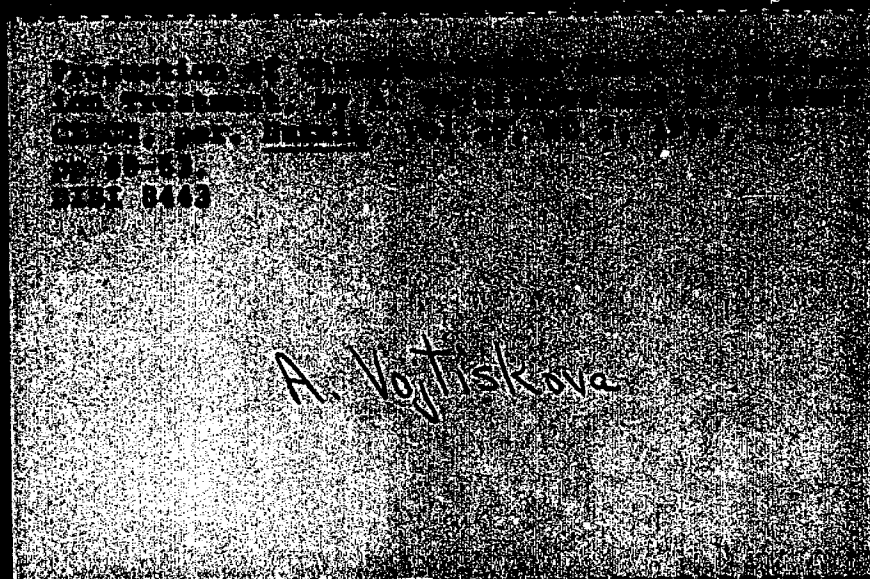
297,441

85
Track Maintenance Equipment described, by
Adnenek Krajci. Karel Vojtisek, 6 pp.
Czech. par. Zeleniceni Doprava a Technika. Prague.
Aug 1967. pp 232-234.
J. 49305

col-ach
Dec 67

374.029

Karel Vojtisek



First Slovak Statistical Conference Held, by
Daniel Vojtko, 14 pp.

GOVERNMENT USE ONLY

SLOVAK, per, Statistika, Prague, Feb 1969,

pp 85-93.

JPRS GUO 3083

Daniel Vojtko

EE-Czech

Econ

Aug 69

16
Yugoslavia, Poland might serve as examples, by
Jan Vojtko, 7 pp.
SLOVAK, np. Hospodarske Roviny. 24 May 1968, p 8.
JPRS 45387

EE-Czech
Icon
Aug 68

363,856

Jan Vojtko

98

Private Housing Construction, by Daniel Vojtko,
9 pp.
SLOVAK, per, Democrafie, Prague, Feb 68,
pp. 27-32.
JPRS 45,206

Daniel Vojtko

Sci-Tech., Ind., Civil and
Marine Engineering
April 68

355,954

Development of the Medical-Hygiene Faculty of
Charles University, Prague, by M. Vojtova, 7 pp.
GOVERNMENT USE ONLY
CZKUH, per, Pracovní lékařská Čestřeh, No 37,
8 Sept 1967, pp 990-992,
JPRS 000 2646

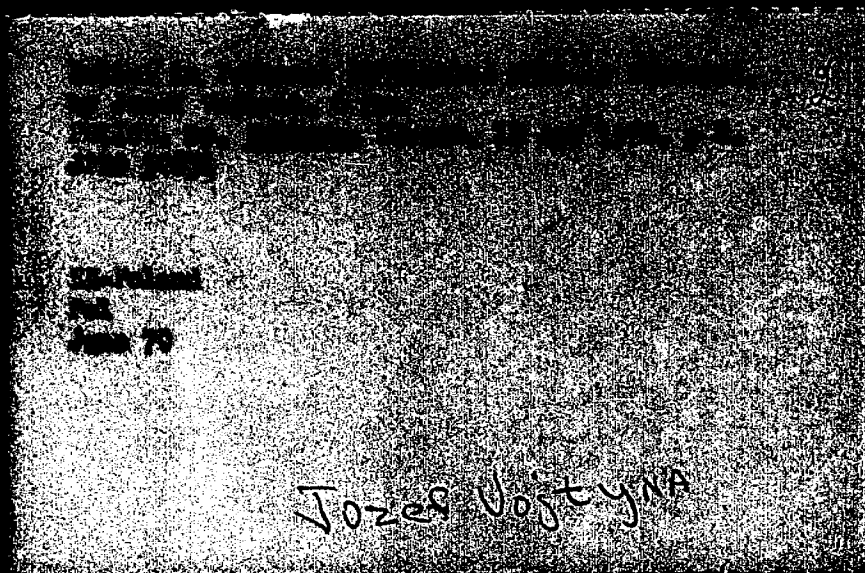
M. Vojtova

Sci-BAN

Recon

Jan 68

347,410



VOJVODIC, VLAD

SC

OPERATING PRINCIPLES OF A STIMULATOR OF THREE
-DIMENSIONAL GAMMA RAY CONTAMINATI

NUKL. ENERG. 1967, 4(6), 28-31, BROADARSKOG I
NST., ZAGREB, YUGOSLAVIA

FSTC-H1-23-0421-73

108

Radio Interference from Extra-High Voltage (EHV)
Lines, by D. Kohnoutova, J. Vokalek, 15 pp.
Czech, per, Elektrotechnický Obsah, Vol 54,
No 4, 1965, pp 149-154. P100184468-7
FTD-HI-67-137

J. Vokalek
Sci/Navl. Comm. Det. & CR
Aug 68

364,781

Tasks of Electrical Engineering in 1966-
1970, by Vladimir Vokalek, 5 pp.
GOVERNMENT USE ONLY
CZECH, per, Elektrotechnik, No 1, Jan 1966,
pp. 1-2.
JPRS GUO 1082

Vladimir Vokalek.

EE-Czechoslovakia

Econ

Mar 66:

296,896

New Regulations Deal with Discharge of Workers,
by Frantisek Vol. 6 pp.
GOVERNMENT USE ONLY
CZECH, par. Prace a Mada, Prague, Oct 1968,
pp 437-440.
JPRS GUO 2917

FRANTISEK VOL

EE-Czech
Econ
Dec 68

370.722

N71-11423*# Scripta Technica, Inc., Washington, D.C.
INVESTIGATION OF THE P-WAVE VELOCITY AND
COMPRESSIVE STRENGTH OF BULGARIAN ROCK
SPECIMENS AT HYDROSTATIC PRESSURES UP TO 9000
kg/sq cm. [ISSLEDOVANIYE SKOROSTEY PRODOLNYKH
VOLN I PROCHNOSTI NA SZHATIYE V OBROZTSAKH
GORNYYKH POROD BOLGARII PRI VSESTORONNIKH
DAVLENIYAKH DO 9000 kg/sq cm]

M. P. Voliarovich et al. NASA Oct. 1970 19 p refs Transl. into
ENGLISH from Tr. Inst. Fiz. Zemli, Akad. Nauk SSSR (Moscow),
no. 37 (204), 1966 p 118-127
(Contract NASw-2036)

(NASA-TT-F-13209) Avail NTIS CSCLO8G

P-wave velocities and compressive strengths under monaxial
compression with simultaneous hydrostatic loading were studied
for Bulgarian rocks. As hydrostatic pressure increased to 10,000
kg/sq cm, P-wave velocities increased by 10-42%. Hydrostatic
pressure increases the compressive strengths of granite and marble
several times

Author

N71-11498*# Scripta Technica, Inc., Washington, D C
INVESTIGATION OF THE FREQUENCY DEPENDENCE OF
ELECTRICAL PROPERTIES OF IGNEOUS ROCKS FROM
THE KOLA PENINSULA [ISSLEDOVANIYE CHASTOTNOY
ZAVISIMOSTI ELEKTRICHESKIKH SVOYSTV
IZVERZHENNYKH GORNYKH POROD KOLSKOGO
POLUOSTROVA]

M. P. Volarovich et al. NASA Oct. 1970 21 p refs. Transl. into
ENGLISH from Tr. Inst. Fiz. Zemli, Akad. Nauk SSSR (Moscow),
no. 37(204), 1966, p. 206-220
(Contract NASw-2038)
(NASA-TT-F-13216) Avail: NTIS CSCLO8G

N71-11434*# Scripta Technica, Inc., Washington, D.C.
INVESTIGATION OF ELECTRICAL RESISTANCE OF BASIC,
ULTRABASIC AND ALKALINE ROCKS AND MINERALS AT
HIGH PRESSURES AND TEMPERATURES [ISSLEDOVANIYE
ELEKTROSOPROTVLENIYA OSNOVNYKH,
ULTRAOSNOVNYKH I SHCHELOCHNYKH GORNYKH
POROD I MINERALOV PRI VYSOKIKH DAVLENIYAKH I
TEMPERATURAKH]

M. P. Volarovich et al. NASA Oct. 1970 20 p. refs. Transl. into
ENGLISH from Tr. Inst. Fiz. Zemli Akad. Nauk SSSR (Moscow),
no. 37 (204) 1966 p. 168-179
(Contract NASw-2036)

(NASA-TT-F-13212) Avail. NTIS CSCL08G

The two-electrode method using direct current and
electromagnetic sounding was used in the experiments. The studies
show that the change in resistance is greatest for alkaline
rocks, reaching several orders of magnitude in some specimens as
opposed to less than one order in basic and ultrabasic rocks, in the
pressure range of 1 to 25,000 kg/sq. cm. Author

N71-11451# Scripta Technica, Inc., Washington, D.C.
ELECTRICAL PROPERTIES OF SEDIMENTARY ROCK
UNDER HYDROSTATIC PRESSURE [ELEKTRICHESKIYE
SVOYSTVA OSADOCHNYKH GORNYKH POROD V
USLOVIYAKH VSESTORONNEGO DAVLENIYA]
M P Volarovich et al NASA Oct 1970 11 p refs Transl. into
ENGLISH from Tr Inst Fiz Zemli, Akad Nauk SSSR (Moscow),
no 37 (204), 1966 p 200 - 205
(Contract NASw-2036)
(NASA-TT-F-13215) Avail NTIS CSCL08G

The electrical properties of sedimentary rock specimens
were studied under laboratory conditions at pressures of up to
3,000 kg/sq cm. The influence of pressure on specific resistance and
dielectric permeability was found to vary with moisture content.
High pressures almost totally eliminated frequency dispersion of
specific resistance. Changes in the electrical properties varied from
a few percent to several hundreds of percent. Author

N. Sh. Volberg

Some Aspects of the Adoption of Automatic Methods
of Determining Atmospheric Pollutants, by

N. Sh. Volberg.

RUSSIAN, rpt. Meteorologicheskii i Gidrometeorologicheskii
Observatory. Moscow, 1971, pp. 224-226; pp. 2-17.
INT 72-1065-24

Jan 73

48
Serum Antibodies in Granuloma Trichophyticus
Majocchi, by A. Voldanova, J. Marova. 4 pp.
CZSCH, par, Ceska Dermatologie, Vol 43, No 2,
Apr 1968, pp 90-93.
ACSI J-8445
ID 2204010770

A. VOLDANOVA

Sci-B&M
Jul 70

The Elastic Parameters of Rocks at High Pressure and the Structure of the Kola Peninsula Granulitic Complex, by M. P. Volarovich. 23 pp.
RUSSIAN, per, Izv. Vyssh. Ucheb. Zaved., Ser. Geol., No 4, 1968, pp 3-16.
NASA TT-F-13393

M. P. Volarovich

July 71

Investigations of the Physical Properties
of Rocks at High Pressures and Tempera-
tures, by H. P. Volarovich.
RUSSIAN, per, Trudy AN SSSR, Inst Fiziki
Zemli, No 37, 1966, pp 5-15.
NTC 69-10966-08G

M. P. Volarovich

Sci-Ear Sci
may 69

382,344

Longitudinal Wave Velocities in Sedi-
mentary Rocks of Azerbaydzhan Under
Confining Pressures Up to 4000kg/cm^2 ,
by M. P. Volarovich, Ye. I. Bayuk.
RUSSIAN, per. Trudy AN SSSR, Inst Fiziki
Zemli, No 37, 1966, pp 130-139.
NTC 69-10967-08G

M. P. Volarovich

Sic-Ear Sci
May 69

382,345

64
Investigation of Longitudinal Wave Velocities
in Sedimentary Rock Filled with Liquids at
High Confining Pressures, by M. P. Volarovich.
RUSSIAN, per, Trudy Akad Nauk SSSR, Inst Fiz
Zemli, No 37(204), 1966, pp 150-158.
AFB-RI-5306

NTC 69-10968-086

M. P. Volarovich

Sci-Bar Sci
11-1-77

hms 127

Velocities of Longitudinal Waves at Hydrostatic
High Pressures in Intrusive Rock Specimens from
Central Kazakhstan, by M. P. Volarovich.
RUSSIAN, per, Trudy Akademii Nauk SSSR, Institute
Fiziki Zemli, No 37, (204), 1966, pp 46-51.
*NASA TT F 13,204

M. P. Volarovich
sci/earth sci
oct 70

Velocities of Longitudinal Waves at High
Hydrostatic Pressures in Metamorphic, Effusive,
and Sedimentary Rock Specimens from Central
Kazakhstan, by M. P. Volarovich.
RUSSIAN, per, Trudy Akademii Nauk SSSR, Institute
Fiziki Zemli, No 37, (204), 1966, pp 52-60.
NASA TT F 13,205

M. P. Volarovich
sci/earth sci
oct 70

Velocities of Elastic Waves at Pressures up to
10,000 kg/cm² in Chloritic Shales from South
Sakhalin, by M. P. Volarovich.

RUSSIAN, per, Trudy Akademii Nauk SSSR, Institute
Fiziki Zemli, No 37, (204), 1966, pp 61-67.
*NASA TT F 13,206

M. P. Volarovich

sci/earth sci
oct 70

47
53
Investigations of Elastic Properties of Some
Plastics at High Pressure by the Ultrasonic
Pulse Method, by M. P. Volarovich, Ye. I. Bayuk.

11 pp.

RUSSIAN, rpt, Moscow. Gosudarstvennyy Nauchno-
Issledovatel'skiy Institut Mashinovedeniya.

Obzorka Plastmass v Mashinstroyeni, 1968,

pp 55-63.

AIR/PTD-T-24-72-70

M. P. Volarovich

sci/materials
oct 70

Investigation of the P-wave Velocity and etc,
by M. P. Volarovich.
RUSSIAN, per. Trudy Akademii Nauk SSSR, Instituta
Fizika Zemli, No 37, (204), 1966, pp 118-129.
NASA TT F 13,209

M. P. Volarovich
sci/earth sci
oct 70

P-Wave Velocities etc, by M. P. Volarovich.
RUSSIAN, per, Trudy Akademii Nauk SSSR, Instituta
Fizika Zemli, No 37, (204), 1966, pp 149-156.
NASA TT F 13,210

M. P. Volarovich

sci/earth sci
oct 70

Investigation of Electrical Resistivity of Basic,
Ultrabasic and Alkaline Rocks and Minerals at
High Pressures and Temperatures, by
M. P. Volarovich.
RUSSIAN, per, Trudy Akademii Nauk SSSR, Instituta
Fizika Zemli, No 37, (204), 1966, pp 168-170.
*NASA TT P 13,212

M. P. Volarovich
sci/earth sci
oct 70

Electrical Properties of Sedimentary Rocks Under
Hydrostatic Pressure, by M. P. Volarovich
RUSSIAN, per, Trudy Akademii Nauk SSSR, Instituta
Fiziki Zemli, No 37, (204), 1966, pp 200-205.
NASA TT F 13,215

M. P. Volarovich

sci/earth sci
oct 70

Investigation of the Frequency Relationship of the
Electrical Properties of the Igneous Rocks from
the Kola Peninsula, by N. P. Volarovich.

RUSSIAN, per, Trudy Akademii Nauk SSSR Instituta
Fiziki Zemli, No 37, (204), 1966, pp 206-220.
NASA TT F 13,216

N. P. Volarovich

sci/earth sci
oct 70

M. P. Volarovich
Simultaneous Measurements of Elastic Wave
Velocities and Resistivities of Three-Phase
Systems of Sedimentary Rocks at Pressures
Up to 3000 kg/cm², by M. P. Volarovich.
RUSSIAN, per, Kolloidnyi Zhurnal, Vol 28,
1966, pp 617-618.
NTC-71-10828-088

Nov 71

78
Measurement of Velocities of Longitudinal
Elastic Waves in Rock Samples at Pressures
to 40,000 kg/cm², by M. P. Volarovich and A.
I. Levykin, 6 pp.
RUSSIAN, per, Doklady Akademii Nauk SSSR,
Seriya Matematika, Fizika, Kos. 4, 5, 6, Vol
CLXV, 1965, pp. 1237-1239.
JPRS 34230

M. P. Volarovich.

USSR

Sci-SS/A
Mar 66

235,936

The Use of Piezoelectric Effect in Rocks for
Underground Prospecting for Piezoelectric Materials, 60
by M. P. Volarovich, 5 pp.
RUSSIAN, per, Doklady Akad Nauk SSSR, Vol 162,
No 3, 1965, pp 556-558.
AEC/BNL-Tr-297-69

M. P. Volarovich

Sci/Earth
Mar 70

400,208

74
The Effect of LiF on Certain Physicochemical
Properties of Cryolite-Alumina Melts, by
A. A. Vol'berg.
RUSSIAN, per, Isvet Metal, Vol 41, No 9, 1968,
pp 63-64.
ATS RJ-5429

A. A. Vol'berg

Sci-China
June 70

A. Volborth

Vermiculite From Maaninka, Posio and Northern Finland,
by A. Volborth.
FRENCH, per, Comptes Rendus, Sec 13, Pt 3, Fascicule 15,
1954, pp 367-373.
*NTIS TT 73-53019

Jan 73

About the Mechanism of Lubrication in Roller
Bearings with a Self-Lubricating Separator,
by B. A. Vol'brom, T. S. Shcherbakova.
RUSSIAN, epr, Vestnik Mashinostroyeniye,
No 9, 1968, pp 45-46.
FTD-S-5076

Apr 69

379,949

The Role of Mercury in Inducing an Anomalous
Photoconductivity of Amorphous Selenium by,
S.I. Korsunskii, S.B. Volchek.
Soviet Phys. Dokl. Ak. Nauk SSSR, Vol 183, No.1,
Nov. 1968, pp. 71-73.
The Ak. Nauk SSSR
Vol 183, No.1, Nov. 1968

A. B. Volchek

388,441

117
All-Union Scientific and Technical Conference
on Protection of Chemical Equipment from
Corrosion, by A. N. Volchek, 10 pp.
RUSSIAN, per, Zhurnal Vsesoyuznogo Khimi-
cheskogo Obshchestva imeni D. I. Mendeleeva,
Vol 10, No 3, 1965, pp. 340-344.
JPRS 32062

Volchek

USSR
Sci-M/M
Oct 65

209,822

Additional losses in a Frase Type FPD channel, 59
by B. B. Volchek, Ye. U. Yantovskiy. 8 pp.
Sovetsk., per, Izvestiya AN SSSR. Energetika i
Transport, No 1, 1968, pp 142-147.
AI/FPD/ST-23-1229-68

sci/electronics
june 69

364,152

B.B. Volchek

73
Polycondensed Plastics. Continuous Condensation
of Phenol with Formaldehyde Studied by a Rank
Correlation Method, by I. S. Volchek.
RUSSIAN, per, Plasticheskiye Massy, No 2, 1968,
pp 22-26.
HTC-69-16483-111

I. S. Volchek

Sci-Materials
Feb 70

402,942

Methods of Program Control of Argon Arc Welding
of Nonturning Pipe Joints, by V.N. Volchenko, ///
Yu. S. Ishchenko. 8 pp.
RUSSIAN, Lk, M USSR, GNIIM. Avtomatizatsiya
Protsessov Svarki i Obrabotki Davleniyem, 1966,
pp 43-47.
RIR/ITD/4-24-200-68

V. N. Volchenko
sci/ tech engr
ca/ 69

381,143

53
Electrical Conductivity of Solid Oxides. XI.
Li₂O-CaO System, by S. F. Pal'gu/ov.

Z. S. Volchenkova. 9 pp.

Russian, per, Trudy Ak SSSR. Ural'skiy Filial.
Institut Elektrokhimii, No 9, 1966, pp 133-138.
RIE/PTU/MI-13-87-68

sci/chemistry
art 69

377,985

Z.S. Volchenkova

//
The Role of State Insurance in the New System
of Management of the National Economy, by
Dimitur Volchev, 14 pp.
BULGARIAN, per, Finansi i Kredit, No. 2, Mar.
1967, pp. 33-45.
JPRS 41545

DIMITUR VOLCHEV

EE-Bulgaria
Econ
Aug 67

333,058

Investigation of the Density of Easily-Meltable
Metals upon Passage Through the Melting Point,
by A. S. Basin, S. P. Volchikova, A. N. Solov'ev
RUSSIAN, rpt, Prikl. Mekh. i Tekh. Fiz., No 6, 1969
PP 128-133
CIA X 7288

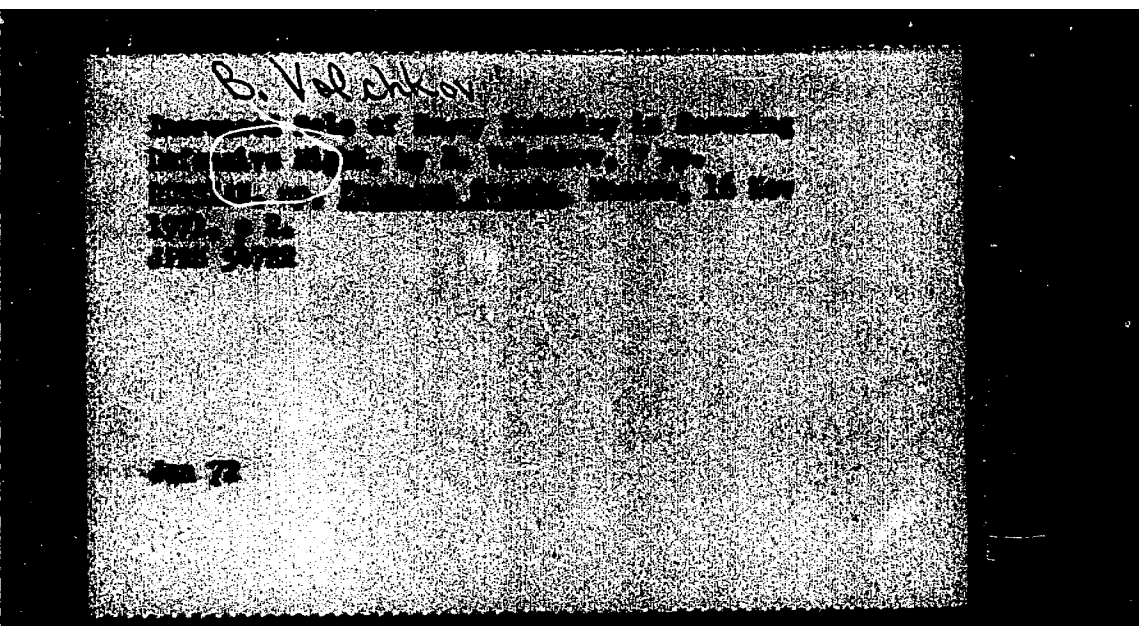
S. P. Volchikova

Sept 70

Investigation of the Density of Easily-Meltable
Metals upon Passage Through the Melting Point.
by A. S. Benin, S. P. Voloshinov, 8 pp
RUSSIAN rpt, Fizik. Met. i Tverd. Tela., No 6, 1969
pp 128-133
CIA X 7318

L. J. McKenna

Sept 70



The Input-Output Table and the National
Economic Plan, by B. A. Volchkov, 14 pp.
RUSSIAN, per, Ekonomika i Matematicheskiye
Metody, Vol 2, No 3, May-June 1966, pp. 430-
433.
JPRS 37223

3

USSR

Econ

Sept 66

310,325

B. A. Volchkov

Certain Questions of Creating an Automated
System of Development of the National-Economic
Plan, by B. A. Volchkov, Yu. P. Leybkind, and
Yu. M. Samokhin, 12 pp.
RUSSIAN, per, Ekonomika i Matematicheskiye
Metody, No 1, Jan-Feb 1966, pp. 3-11.
JPRS 35725

2
B. A. Volchkov

USSR
Econ
Jun 66

301,942

Effect of Nonmetallic Inclusions on Crack
Propagation in Steel 45L, by I. P. Volchok.
RUSSIAN, per, Fiziko-Khimicheskaya Mekh
Materialov, vol 3, No 4, 1967, pp 440-449.
FTD-S-335

Feb 69

374,437

112
Heat Transfer in Alkali Metals in Short Vertical
Tubes at Low Peclet Numbers and Under the Effect
of Natural Convection, by L. G. Volchkov
RUSSIAN, per, Teplota. Vysok. Temp. Vol 5,
No 3, 1967, pp 464-471.
HLL Ref: 9091.98 (Risley 1331)

Sci-Physics
Jul 68

L. G. Volchkov

360,754

Prof. P. Valchikov
A Turbulent Immersed Wall Jet of Air on a Burning
Graphite Surface, by K. P. Valchikov, P. V. Mitin,
21 pp.

RUSSIAN, per. English translation
Technicheskoy Fiziki, Moscow, No 1, 1977, pp 60-
67.

JPRS 56849

AUG 72

133
Effectiveness of a Gas Curtain on a Tubular
Surface, by Ye. P. Volenkov. V. Ya. Levchenko.
10 pp.

Russian, per, Zhurnal Prikladnoy Mekhaniki i
Tekhnicheskoy Fiziki, No 1, 1966, pp 115-120.
AIN/PMD/AT-23-658-68

Ye. P. Volchkov

sci/physics
May 69

381,253

The Influence of the Compressibility and Non-
Isothermicity of a Gas on the Effectiveness of
a Barrier Cooling With a Turbulent Boundary
Layer, by E. P. Volchkov, S. S. Kutateladze,
et al. 7 pp. 117

RUSSIAN, per, Zhurnal Prikladnoy Mekhaniki i
Tekhnicheskoy Fiziki, No 4, 1966, pp 126-129.
AKR/PID/M-23-206-68

E. P. Volchkov

sci/physics
mar 69

376,523

Protective Cooling by a Multislot
and Network-Type Injection into a
Turbulent Boundary Layer, by
E. P. Volchkov, et al.
RUSSIAN, per, Zh. Prikl Mekh Tekh Fiz,
No 3, 1966, pp 149-153.
NASA TT F-10,643

144

E. P. Volchkov

Sci-Phys
Mar 67

320,390

Film Cooling During Injection of
Heterogeneous Substance in a Turbulent
Boundary Layer, by E. P. Volchkov, et al.
RUSSIAN, per, Zhurnal Prikladnoy
Mekhaniki i Tekhnicheskoy Fiziki, No 2,
1967, pp 103-106.
NASA CT F-11,695

Ye. P. Volchkov
Sci/Phys 369,154
Oct 68

Experimental Determination of Graphite
Ablation Rate Under Essentially Non-
Isothermal Conditions, by
L. I. Leont'ev, L. P. Volchkov, 10 pp.
RUSSIAN, ser. Fiz. Goreniya i Vzryva,
No 2, 1967, pp 248-251.
Dept of Navy APL/JED 7-2153

Sci/Phys
Oct 68

368,934

110
Non-Axisymmetric Creep Buckling of Cylindrical
Shells, by Yu. N. Volchkov.
RUSSIAN, per, Inzhenernyy Zhurnal. Mekhanika
Tverdogo Tela, No 4, 1967, pp 136-138.
ETD-RF-23-729-68

Yu. N. Volchkov

Sol/Mech Engr
aug 68

Asymmetric Bulging of Cylindrical Films Under
Conditions of Creep, by Yu. V. Volchkov,
Yu. V. Petrovskiy. 7 pp.

RUSSIAN, per, Inzhenernyy Zhurnal. Mekhanika
Sverdlovskaya, No 4, 1967, pp 136-138.
NTI/PID/RI-23-729-68

Yu. M. Volchkov

sci/physics
NOV 69

397,001

VOLCHYEK, V.

RU

TRACTOR-MOUNTED CONSTRUCTION-ROADBUILDING EQUIPMENT OF YUGOSLAVIA

STROITEL'NIYE I DOROZHNIYE MASHINY, NO. 7, 1972, PP. 13-14

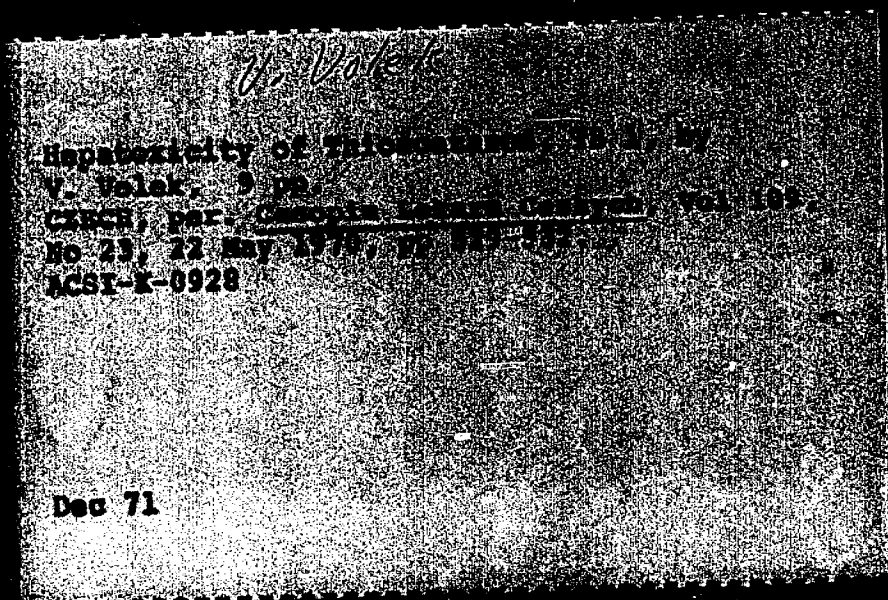
FSTC-HT-23-1109-73

61
An Experiment in the Application of Frequency
Analysis for Studying the Internal Structure
of Natural Climatic Series, by N. E. Vol'cinger.
RUSSIAN, per, Iz Arkh i statist. i inzh. Vol 277.
1966, pp 147-157.
HLL Ref: 5828.47 (7036)

N. E. Vol'cinger

Sci/Atmos Sci
Feb 68

749.581



Diffusion in Metals, by K. Volenik.
CZECH, per, Cs Cas Fys., Vol 16, 1966, pp 465-495.
*RTIS TT 71-56043

K. Volenik

July 71

Importance of Social Consumption Funds Discussed, 21
by Vasile Voleseninc, 5 pp.
RUMANIAN, rpt. Viata Economica, Bucharest, 28
Feb 1969, pp 3, 6.
JPRS 47716

Vasile Voleseninc

EE-Romania

Econ

Apr 69

379.072

Operational Air Traffic Control Considering Several
Optimality Criteria, by A. I. Volevach, 11 pp.
RUSSIAN, rpt, Slozhnye Sistemy Upravleniye, Kiev,
1969, p 36-43.
NASA-TT-F-13276

A. I. Volevach

Mar 71

Operational air Traffic Control Considering
Several Optimality Criteria, by A. I. Volevach,
11 p.
RUSSIAN, rpt, Slozhnye Sistemy Upravleniya Kiev,
1969, p 36-43.
NASA-TT-F-13276

A. I. Volevach

Mar 71

The Cauchy Problem For Pseudodifferential
Equations, by L. R. Volevic, S. G. Gindikin.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 181,
No 2, 1968, pp 267-270.
Am Math Society
Vol 9, No 4, 1968

L. R. VOLEVIC

Jan 69

371,222

REC-4 (RFP-Trans-117) STUDY OF PREFERRED ORIENTATION OF HEXAGONAL METALS WITH SUBCRITICAL VALVES
C/A. Volf, F. 10 Translation of a Czech report. 12036p. 24 Dep.
NTIS.

20 crystallography; metallurgy; reactor materials; translations
27 20B, 11F, 18J.

28 MN-25 29 P NSA

AEC (SC-T-722465) INFLUENCE OF THE INITIAL
STATE AND RATE OF COOLING FROM THE BETA PHASE ON
THE PREFERRED ORIENTATION OF URANIUM AFTER HEAT
TREATMENT. Volf, F.; Slancar, F.; Kraus, V. (Ceskoslovenska
Akademie Ved, Rez, Ustav Jaderneho Vyzkumu). Translated
for Sandia Labs., Albuquerque, N. Mex., from report UJV-2525-
M. 29p. Dep. NTIS. *Jan 1970*

metallurgy; translations 11F

MN-25 P NSA

Problems of Employment in Czechoslovakia, by
Miroslava Janerova and Jaroslav Volf, 9 pp.
GOVERNMENT USE ONLY
CZCS, per, Statistika, No 3, Mar 1966, pp.
124-129.
JPRS 670 2039

Jaroslav Volf

EE-Czech
Soc
Jul 66

394,710

VOL'F L A MEOS

RU

SPECIAL PURPOSE FIBERS

VOLOKNA SPETSIAL'NOGO NAZNACHENIYA

'KKIMIYA' MOSCOW 1971 224 PP

FSTC-HT-23-1903-72

50
Biologically Active Fibers, by L. A. Vol'f,
V. V. Kotetskiy, 8 pp.
RUSSIAN, per, Khimicheskiye Volokna, Vol 11, No 1,
1969, pp 16-19.
ARM/PSTC/HT-23-271-70

L A. Vol'f

Sci/B&M
June 70

68
process of producing nonflamable Fibers, films,
and coatings based on polyvinyl Alcohol, by
L. A. Vol'f, et al. 2 p.
Patent No. 189,515, 12 Jul 1968, 1967.
1
100-1-13-1400-68

L. A. Vol'f

Sci/ Eng 1001/
100 09

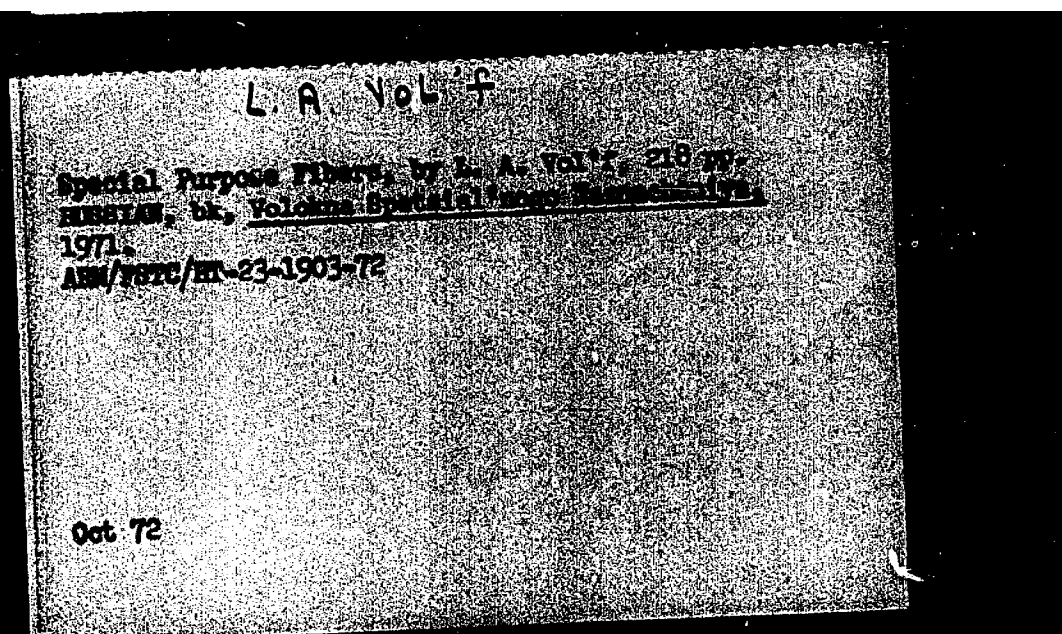
397,073

87
Imparting Antimicrobial Properties to Fibers, by
L. A. Vol'f, 5 pp.
RUSSIAN, per, Tekstilnaya Promyshlennost, No 8,
1965, pp 9-11.
AFM/FSTC/IT-23-060-69

L. A. Vol'f

Sci/Pat
Sept 69

391,407



38
Methods of Producing Fibers with Special Properties,
by L. A. Vol'f, A. I. Meos, 7 pp.
RUSSIAN, per, Khimicheskiye Volekna, Vol 11, No 1,
1969, pp 15-16.
ARM/FSTC/WT-23-272-70

L. A. Vol'f

Sci/Mat
Dec 70

79
Control of the Composition of Glass by its Physical
Properties, by H.B. Volf.
CZECHOSLOVAKIAN, per, Sklar Keramik, Vol 15, 1965,
pp 330-331.
GB 139/726
Vol 17, No 3, 1969

- H. B. Volf

July 69

385-186