

**Etude de la Vitesse de l'Echange d'Hydrogene Avec
la Participation des Solvants Accepteurs de
Proton, (Study of the Rate of Exchange of
Hydrogen With Participation of Proton Acceptor
Solvents), by A. I. Shatenshtein, E. A. Yakovleva,
24 pp.**

**RUSSIAN to FRENCH, per, Zhur Prik Khim, Vol XXVIII,
1958, pp 1713-1723.**

**Reverse Trans
CEA Tr-A R-869**

**Sci
26 Apr 61**

(NY-3692).

The Acid-Base Catalysis of Hydrogen Isotope
Exchange Reactions, by A. I. Shatenshteyn, Ye. N.
Zvyagintseva, Ye. A. Yakoleva, Ye. A. Izrailevich,
Ya. M. Varshavskiy, M. G. Lozhkina, A. V. Vedeneyev,
22 pp.

RUSSIAN, bk, O Kislотно-osnovnom Katalize
Reaksiy Izotopnogo Obmena Bodoroda, pp 218-233.

JPRS 5430

126,548

USSR Sci - Chem Sep 60

Hydrocarbons as Acids and Bases, by A. I. Shaten-
shtein.

RUSSIAN, per, Uspekhi Khim, Vol XXIV, No 4, 1955,
pp 377-429. 9046415

ATS RJ-1616

Sci - Chem
Jul 59

90,445

Mobility of Hydrogen in Aromatic Compounds, by A. I. Shatenshtein, E. A. Izraelevich, I. N. Vasil'eva, and M. Faivush.

Full translation.

RUSSIAN, no per, Dok Ak Nauk SSSR, Vol LXXIX, No 3, 1951, pp 479-482.

AEC Tr 1431

USSR

Scientific - Chemistry, hydrogen

A-2345

Nov 52 CTS/DEX

Preparation of Glycerol and of Amides of High-Molecular Fat Acids by Amazonolysis of Oils and Fats, by A. I. Shatenshteyn, Ye. A. Izrailevich, 9 p.

RUSSIAN, per, Zhur Prik Khim, 1938, Vol XI, No 6, pp 967-974.

SLA 59-20733

Sci
Mar 60
Vol 3, No 1

119,874

Vibration Spectra of Diphenyl and Decadeutero-
Diphenyl, by G. S. Landsberg, A. I. Sbatenshteyn,
G. V. Peregodov, Ye. A. Ispailëvich, L. A.
Novikova, 9 pp.

RUSSIAN, no per, Optika i Spektroskopiya, Vol I,
No 1, 1956, pp 34-40.

US JPRS/DC-L-932

SCI - Engineering

75,567

The Influences of Some Features of Molecular
Interaction on the Regularities Observed in
Deuteron Exchange of A. I. Shatenshtein, E. N.
Zvyagintseva, 4 pp

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVII, No 5,
1957, pp 852-855.

Consultants Bureau

Sci - Chem

Oct 58

74,685

Shatenshteyn, A. I., Yakovleva, Ye. A. and others.
ISOTOPIC WATER ANALYSIS, Oct 60 [304]p.
270 refs.
Order from OTS \$3.00 AEC-tr-4136

Trans. of mono. Izotopnyi Analiz Vody, 2 ed.
Moscow, 1957.

Contents:

- Chap. 1. The isotopic composition of natural water
- Chap. 2. Purification of water for isotopic analysis
- Chap. 3. Determination of the concentration of heavy isotopes of hydrogen and of oxygen by density measurements of water
- Chap. 4. The pycnometric method for measuring density
- Chap. 5. Drop method for determination of density
- Chap. 6. Flotation method for the measurement of density
- Chap. 7. Determination of deuterium concentration with the index of refraction of water
(Nuclear Physics and Nuclear Chemistry, TT, v. 5, no. 7) (over)

61-11172

- 1. Water--Chemical analysis
- 2. Radioisotopes--
Determination
- 3. Radiochemistry
- 4. Title: Isotopic water
analysis
- 1. Shatenshteyn, A. I.
- II. Yakovleva, Ye. A.
- III. AEC-tr-4136
- IV. L and S Technical
Literature Service,
Columbus, Ohio
- V. Contract AT (40-1)2471

Office of Technical Services

Shatenshteyn, A. L.
CHIMIE DES SOLUTIONS DANS L'AMMONIAC
LIQUIDE, tr. by M. Fedorovsky. 27 Oct 60 [14]p.
21 refs. CEA Trans. no: R 1052 (text in French).
Order from OTS or SLA \$1.60 61-15795

Trans. in French of Usp[ekhi] Khim[i] (USSR) 1940
[v. 9] p. 950-954.

DESCRIPTORS: *Ammonia, *Liquefied gases, Gas,
Solubility, *Solutions, Solvent action.

61-15795

I. Shatenshteyn, A. L.
II. CEA-tr-R1052
III. Commissariat à l'Énergie
Atomique (France)

Office of Technical Services

(Chemistry--Physical, TT, v. 6, no. 2)

On the Nature of Hydrogen Exchange in Solutions,
by A. I. Shatenstein, 35 pp.

RUSSIAN, per, Uspekhi Khim, Vol XXVIII, No 1,
1959, pp 3-32. 9071403

DSI 56

Sci - Chem

Sep 60

125,234

Methodes D'Analyse Isotopique De L'Eau. (Methods
of Isotopic Analysis of Water), by A. I. Shtenstein
A. J. Chatechtein), E. N. Zyguntzev (Zviaguintzeva),
20 pp.

FRENCH from RUSSIAN, per, Zhur Anal Khim, Vol XII,
1957, pp 516-522.

Reverse Translation
AEC/CEA-Tr-R578

Automatic Flash Butt Welding of Tools, by
M. A. Shaterin, 4 pp.

RUSSIAN, per, Svaroch Proiz, No 12, 1961,
pp 26-27.

BWRA

Sci

Nov 62

216,444

(SF-1327)

The Effect of External Ionizing Radiation on the
Participation of the Liver and Intestine on
Lipid Metabolism, by K. V. Smirnov, V. A.
Shaternikov, 7 pp.

RUSSIAN, per, Voprosy Med Khim, Vol VI, No 5,
Sep/Oct 1960, pp 464-468.

JPRS 4345

Sci - Med

139,909

Feb 61

TT-65-64232

Field 21E

Shall, A. A.

EFFECT OF HEAT : OMISSION ON THE HYDRAULIC
CHARACTERISTICS OF A GAS TURBINE COMBUSTION
CHAMBER. 1965, 13p, 6refs. CE-Trans-3850.
Order from CFSTI, SLA, or ETC: HC\$1.50, MF\$0.50
as TT-65-64232

Trans. of Teploenergetika (USSR) v10 n9 p15-9 1963.
See also 'Translated or Abstracted Publication,'
in TT Vol. 14, No. 8.

1. Central Electricity
Generating Board,
London (England)

Measurement of Two-Phase Flows by Means of Venturi
Tubes, by A. A. Shatil', 3 pp.

RUSSIAN, per, Izmeritel Tekh, No 9, 1961,
pp 46-49.

ISA

201,821

Sci

Jun 62

A Study of an Experimental nylon air-cooled
Combustion Chamber, by B. B. Stansel'son, A. A.
Shatil'

RUSSIAN, per, Enginescriptia, 1959, No 2,

pp 39-46

REF ID: A34

(ON LENS OR MICROFILM)

A. A. Shatil'

Col - Eng

May 67

345, 346

(DC-1830)

NEW DRILLS AVAILABLE TO THE MINING INDUSTRY,
BY A. SHATILOV, 3 PP.

RUSSIAN, NP, KAZAKHSTANSKAYA PRAVDA, 28 JUN 1962.

JPRS 14748

USSR
ECON
SCI - ENGR
AUG 62

205,975

168
Содержание работы по теме: "Влияние азота на свойства
металлов", автор: А. П. Шатилов.

Москва, изд. Издательство Академии наук СССР
Издательство "Металлург"
1964, 110 стр., 110-110,
110-110-110

A. P. SHATILOV

110 - 110
110 - 110

FIELD TESTS OF NEW BORING MACHINES FOR OPEN
MINING, BY A. P. SHATILOV, 11 PP.

RUSSIAN, PER, GORNYI ZHURNAL, NO 11,
1962, PP 46-51.

JPRS 17573

USSR
ECON
SCI - ENGR
FEB 63

222,275


Methods of Measurement of Field of Density of Gas Blows in a Shock Tube With Help of an Interferometer, by S. G. Zaytsev, A. P. Shatilov, et al 138
27 pp.

RUSSIAN, per, AN SSSR, Energeticheskii Institut,
Fizicheskaya Gasodynamika, Teploobmen i Termodi-
namika Gazov Vysokikh Temperatur, 1964,
pp 104-114. P100190467
FTD-17-65-552

A. P. Shatilov

Sci/Physics
Jul 67

331,367

Investigation of the Process of Interaction of
a Reflected Shock Discontinuity with the Bound-
ary Layer of the Flow Behind and Incident Shock
Wave, by S. G. Zaytsev, A. P. Shatilov. 
RUSSIAN, per, AN SSSR, Energeticheskiy Inst.
Fizicheskaya Gazodinamika, Teploobmen i Terno-
dinamika Gazov Vysokikh Temperatur, 1966.
pp 115-116. P10022867-V
FTD-HT-66-361/4

Sci-Phys
Aug 67

338,166

Measurement of Density Behind a Reflected
Shock Discontinuity on Nitrogen, by
S. G. Izytsev, A. P. Shatilov. III
RUSSIAN, per, AN SSSR, Energeticheskiy Inst.
 Fizicheskaya Gazdinanika, Toploobmen i Termu-
 dinanika Gazov Vysokih Temperatur, 1964,
pp 119-126. P100221067-V
FTD-HT-66-363/5

Sci-Phys
Aug 67

338,167

On the Scattering of Light by Dielectric Ellipsoidal Grains with the Wavelength λ . Dependence of the Indicators of the Scattering on the Size, Form, and Orientation of the Ellipsoid. The Scattering Coefficient, by A. V. Shkillov, 4 pp.

RUSSIAN, per, Optika i Spektro, Vol. 11, No. 2, 1966, pp 233-243.

Optical Soc of Amer

Sci

1.36, 349

On the Possibility of Two-Stage Excitation of Photo-
semiconductor Effects, by N. A. Tolstoy and A. V.
Shat~~l~~lov, 1 p.

1

RUSSIAN, no per, Iz Ak Nauk SSSR, Ser Fiz, Vol
XXI, No 4, 1957, pp 494, ~~495~~

Columbia Tech

Sci - Phys

Jul 58

67,727

Soviet Military Report (40)

Matter of Great Importance, by Lt Gen S. SHATILOV

RUSSIAN, nsp, Sovetskiy Patriot, Moscow,
10 July 1963, pp 1-2

USSR
Military - Civilian Defense

Excerpted

0-88/63

Gratifying Changes, by Maj. M. Shatilov, 71 p.

RUSSIAN, np, Krasnaya Zvezda, 8 July ~~1958~~ 1959,

²
*JPRS/DC-8808

USSR

Mil - Party organization

Aug 63

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00929R000201010071-2

Advanced Radio Operations and Technical Progress, by
A. S. ...
RICHMAN, ...
IPRS 1975

1975
MII
Mar 64

101,730

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00929R000201010071-2

(DC-2800/13)

Very Important Dosaaf Task in Rural Areas, by S.
Shatilov, 6 pp.

RUSSIAN, np, Sovetskiy Patriot, Vol XXIII, No 12,
10 Feb 1960, pp 1, 2.

JPRS 3689

USSR

Mil

Aug 60

124,077

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00929R000201010071-2

**June Plenum Resolutions and DGBAAV Assignments,
by S. S. Shorlov, 10 pp.**

RUSKIN, sp, Soviet Patriot, 25 June 1962, p 2.

JPRS 22161

**USSR
MIR
Box 62**

242,665

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00929R000201010071-2

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00929R000201010071-2

ARMY CIVIL DEFENSE TRAINING, BY E. S. BATHON,
6 PP.

ARMY, FOR, WASHINGTON, DC 7, 1960,
PW 1-2.

JUN 1960

ARMY
MIL
JUN 60

100-305

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00929R000201010071-2

Personal Matter for Millions, by B. S.
Shatlov, 5 pp.

RUSSIAN, np, Krasnaya, Zvezda, 20 May 1962,
p 3.

JPRS 15287

USSR
ML1
Oct 62

212,433:

On the Scattering of Light by Dielectric Ellip-
soids Comparable with the Wavelength λ . A
General Expression for the Indicatrix of Scat-
tering of an Ellipsoidal Particle, by A. V.
Shatilov, 3 pp

RUSSIAN, per, Optika i Spektro, Vol IX, No 1,
1960, pp 86-91

OSA

150, 112

Sci
May 61

Formal Analysis of the Theory of Two-Stage
Excitation of Phosphorescence and Photoconductance,
by N. A. Tolstoy, A. V. Shatilov, 16 pp.

RUSSIAN, per, Optika i Spektroskopiya, Vol I,
No 2, 1956, pp 216-229.

ADG I-8143
ID 2216561

Sci - Phys
Mar 63

224,840

A Theoretical Property of Relaxation Curves in
Luminescence and Photoconductivity, by N. A. Tolstoi,
A. V. Shatilov, 4 pp.

RUSSIAN, no per, Zhur Eksper i Teoret Fiz, Vol XXX,
No 1, Jan 1956, pp 109-114.

Amer Inst of Physics
Vol III, No 1
Soviet Physics, JETP

Sci - Physics
Apr 57 CTS

46,517

(NY-6503)

December Scientific Conference of Timiryazev
Academy, by I. S. Sbatilov, 8 pp.

RUSSIAN, per, Iz Ak Timiryazevskoy
Sel'skokhoz, Vol XXXIX, No 2, 1961,
pp 234-236.

JPRS 9777

USSR
Econ
Sci - Misc
Jan 62

179,108

Thermomechanical Treatment of Machine Parts as a
Means of Protection Against Surface-Active Media,
by M. I. Chaevskiy, V. F. Shatinskiy, et al, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Physics Section,
Vol CLII, No 5, 1963, pp 1096-

Amer Inst of Phys
Sov Phys - Doklady
Vol VIII, No 10

Sci

Apr 64

256,047

Development of a Laboratory Strain of Trachoma Virus
Pathogenic for Man, by A. A. Shatkin, 8 pp.

RUSSIAN, per, Voprosy Virusolog, Vol VI, No 5, 1961.
pp 532-538.

PP

Sci

Oct 62

216,100

Experimental Study of a Virus Isolated From Trachoma
Patients, by A. A. Shatkin, 5 pp.

RUSSIAN, per, Zhur Mikrobiol Epidemiol i Immunobiol,
Vol XXXII, No 4, pp 98-102.

PP

Sci

Oct 62

216,068

Synthese de Composés Organiques Marqués au
14C à Partir de Formaldéhyde 14C, by T. N.
Shatkina, 14 pp.

RUSSIAN to FRENCH, bk, Méthode Polichinaia i Izmeren
Radioact Preparatov Sbornik Statey, SSSR, 1960,
pp 159-165. 9068244

CEA R-1634
Reverse Translation

Sci
No v 62

82
Hydrogenation of Resin at Atmospheric Pressure,
by V. P. Shatlov, et al.
RUSSIAN, per, Gidroliz i Lesokhin Prom. Vol
XVI, No 6, 1963, pp 5-7.
NLL KTS 5335
On Loan Only

V. P. Shatlov
Sci-Chem
Jul 67

330,620

Use of Graphite Molds for the Production of Ware by
the Blowing Method, by A. N. Afanasyev, G. V.
Pototskaya, I. S. Shatokhin, 2 pp.

RUSSIAN, no per, Steklo i Keramika, Vol XIII,
No 5, May 1956, p 26.

Consultants Bureau

Scientific - Engineering
Feb 57 CTB

43,103

(NY-6814)

BREWING INDUSTRY OF THE USSR AND PROSPECTS
FOR ITS DEVELOPMENT, BY I. YA. VESELOV, A.
S. SHATKIAN, 67 PP.

RUSSIAN, BK, 1961, PP 26-51, 104-113,
190-217.

JRFB 12860

USSR
ECON
FEB 62

D

18E, 174

THE MECHANISM OF THE DEN'YAMOV REACTION, BY O. A.
REUTOV, T. N. SHATRINA, 3 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLII, NO 4,
1962, PP 835-837.

CB

SCI - CHEM

812,216

OCT 62

Determination of Microamounts of Arsenic by Means
of a Solution of a Divalent Chromium Salt, by
P. P. Shtat'ko, N. T. Vasina, V. I. Podol'skaya,
L. A. Malkina, and T. P. Ponomareva, 3 pp.

RUSSIAE, per, Zhur Anal Khim, Vol XIV, No 3,
1959, pp 358-359.

Consultants Bureau

119,636

Sci-Chem

Jun 60

98
Increasing the Speed of Operation of Some
Automatic Control Systems, by N. Kh. Shatskiy.
RUSSIAN, per, iz VUZ Elektromekhanika,
No 7, 1965, pp 683-790.
*FTD MT 67-59

N. Kh. Shatskiy

Sci-Mechanical
Jun 67

(DC-2800/51).

Dosaaf Ranks Are Growing, by K. Shatmanov, 2 pp.

RUSSIAN, np, Sovetskaya Kirgiziya, 4 Oct 1960, p 4.

*JPRS 6769

USSR

Mil - Civil Defense, Paramilitary

20 Dec 60

Determination of Minimal Quantities of Arsenic in
MANY Organic Compounds by Means of Bivalent
Chromium Solution, by P.P. Shatko, 2 pp.

Full translation.

RUSSIAN, bimo per, Zhur Anal Khim, Vol VII, No 4,
1952, pp. 242-243.

Consultants Bureau

Scientific - Chemistry

Jan 5⁵ CTE/DEX
4

8610

Work Experience With Veterinary Bacteriological
Laboratories, by P. D. Sbat'ko.

RUSSIAN, per, Veterinariya, Vol XXXI, No 9,
Sep 1954, pp 11-14.

USDA

20,970

Scientific - ~~SECRET~~
Biology

Jan 55 CTS/DEX

Some Observations on the Vaccine STI, by
P. D. Sbat'ko, L. I. Plotnikov, K. F.
Voroshilov, D. I. Ermilov, UNCLASSIFIED

RUSSIAN, per, Veterinariya, Vol XXVIII,
No 5, May 1951, pp 34-35.

USDA

Scientific - Medicine

Doc 54 638

20,267

Ten Years of Operation of the Novosibirsk Veterinary
Experimental Station, by P. D. Shtat'ko, K. F.
Lamikhov, 3 pp.

Full translation.

RUSSIAN, per, Veterinariya, Vol XXVIII, No 1, Moscow,
Jan 1951, p 62.

USDA Tr

USSR

Scientific - Medicine

3738
CTS/DEK

NCH-202 046

Field 11F

Shatolov, A. Ya.; Marshakov, I. K.; Kaluzhina, S. A.
THERMOGALVANIC CORROSION OF METALS. I. FORMA-
TION AND EFFICIENCY OF THERMOGALVANIC COUPLES
ON SOME METALS (Issledovanie Termogalvanicheskoi Kor-
rozii Metallov. I. Vozniknovenie i Effektivnost Termogalvanicheskikh par na Nekotorykh Metallakh). 1965,
10p, 14refs. RTS-3037.
Order from NLL: 17s 6d as RTS-3037

Trans. of Zhurnal Fizicheskoi Khimii (USSR) v37 n12
p2721-7 1963.
See also 'Translated or Abstracted Publications,' in
TT Vol. 14, No. 8.

I. National Lending
Library for Science
and Technology,
Boston Spa (England)

Doc: 61

(NY-3000)

Concerning New Machines for Agriculture, by P.
M. Chernavlev, E. M. Shatov, 5 pp.

RUSSIAN, per, Byul Tekh-Ekon Informatsii,
No 12, 1960, pp 63-65.

JPRS 10816

USSR

Econ

175.157

Highly Plastic Oilfilled Butadiene Styrene
Rubber SKB-30AM, by V. P. Shtolov, N. M.
Kostyukov, Ye. N. Popova, T. A. Chulyakova,
L. A. Hedoinova, 5 pp. *ID 2135969*

RUSSIAN, per, Kauchuk i Resins, Vol XVIII, No 1,
1959, pp 4-6.

ACSI, H-4016

Bc1 - Phys

Oct 59

99, 520

The Salt Effect at the Exchange of Deuterium in Liquid Ammonia, by A. I. Shtenshteyn, Yu. P. Vyrskiy and E. A. Rabinovich, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 1, 1959, pp 146-.

Consultants Bureau

Sci

Feb 60

108,149

S--496A

(NY-2259)

The Effect of a Vitamin P Preparation From
Eglantine Hips on the Endurance of Animals in a
Rarefied Atmosphere, by Ye. F. Shatray, N. S.
Verkhvatskiy, G. A. Kus'minskaya, V. A. Nikosova,
8 pp.

RUSSIAN, per, Voprosy Med Eksp, Vol IV, No 2,
Mar/Apr 1958, pp 120-124.

JPRS 1411-N

Sci - Med
Apr 59

85,368

The Actiology of Trachoma, by A. A. Shatkin,
I. I. Terskekh, 5 pp.

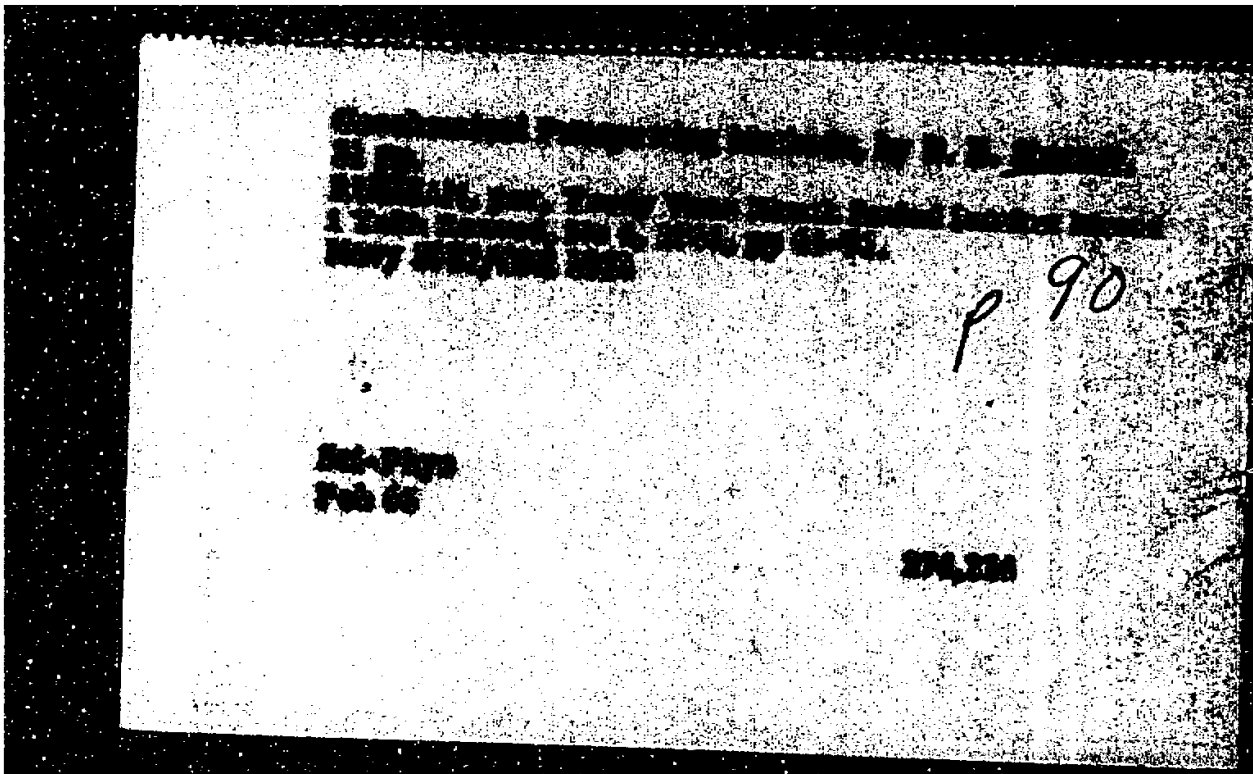
RUSSIAN, per, Voprosy Virusologii, Vol IV, No 6,
1959, pp 6+3-6+7.

PP

Sci
Oct 60

128,513

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00929R000201010071-2



APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00929R000201010071-2

A Study of the Efficacy of Dysentery Alcohol Vaccine
in Large-Scale Epidemiological Experience, by T. E.
Boldyrev, A. B. Aleksanian, I. I. Shatrov, A. S.
Korshakova, M. Z. Leitman, V. I. Frolov, N. I.
Kovaleva, 5 pp.

RUSSIAN, per, Zhur Mikrobiol Epidemiol i Immunobiol,
Vol XXX, No 7, 1959, pp: 3-6

Pergamon Press

Sci
Aug 60

124,463

Problems of the epidemiology of Typhus in its
Present Form, I. I. Shatrov, 5 pp.

RUSSIAN, per, Zhur Mikrobiol, Epidemiol i
Immunobiol, Vol XXX, No 8, 1958, pp 110-112

Pergamon Inst

Sci - Med

Apr 59

85,734

An Experimental Study of Coli-Enteritis,
by N. A. Yakhnina, T. A. Khomitskaya, I. I. Shatrov,
4 pp.

RUSSIAN, par, Zhur Mikrobiol Epidemiol Immunobiol,
Vol XXXI, No 6, 1960, pp 77-81.

PP

Sci

165,578

May 61

Relationship Between Social and Biological
Causation in the Epidemic Process, by T. E.
Boldyrev, B. S. Bessmertnyi, I. I. Shatrov,
and E. S. Tyrkova, 7 pp.

RUSSIAN, per, Zhur Mikrobiol Epidemiol i
Immunobiol, Vol XXIX, No 6, 1958, pp 112-117.

Pergamon Inst

Sci - Med
Mar 59

84,636

(DC-2800/40)

Fall and Rise (Physical Training of Artillery
Troops), by P. Ebatrov, 3 pp.

RUSSIAN, np, Krasnaya Zvezda, No 186, 9 Aug 1960,
p 2.

JPRS 6419

USSR
Mil
Jan 61

136,990

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00929R000201010071-2

An Accelerometer With Mechanical Damper, by
V. S. Shatrov, 2 pp. UNCL.

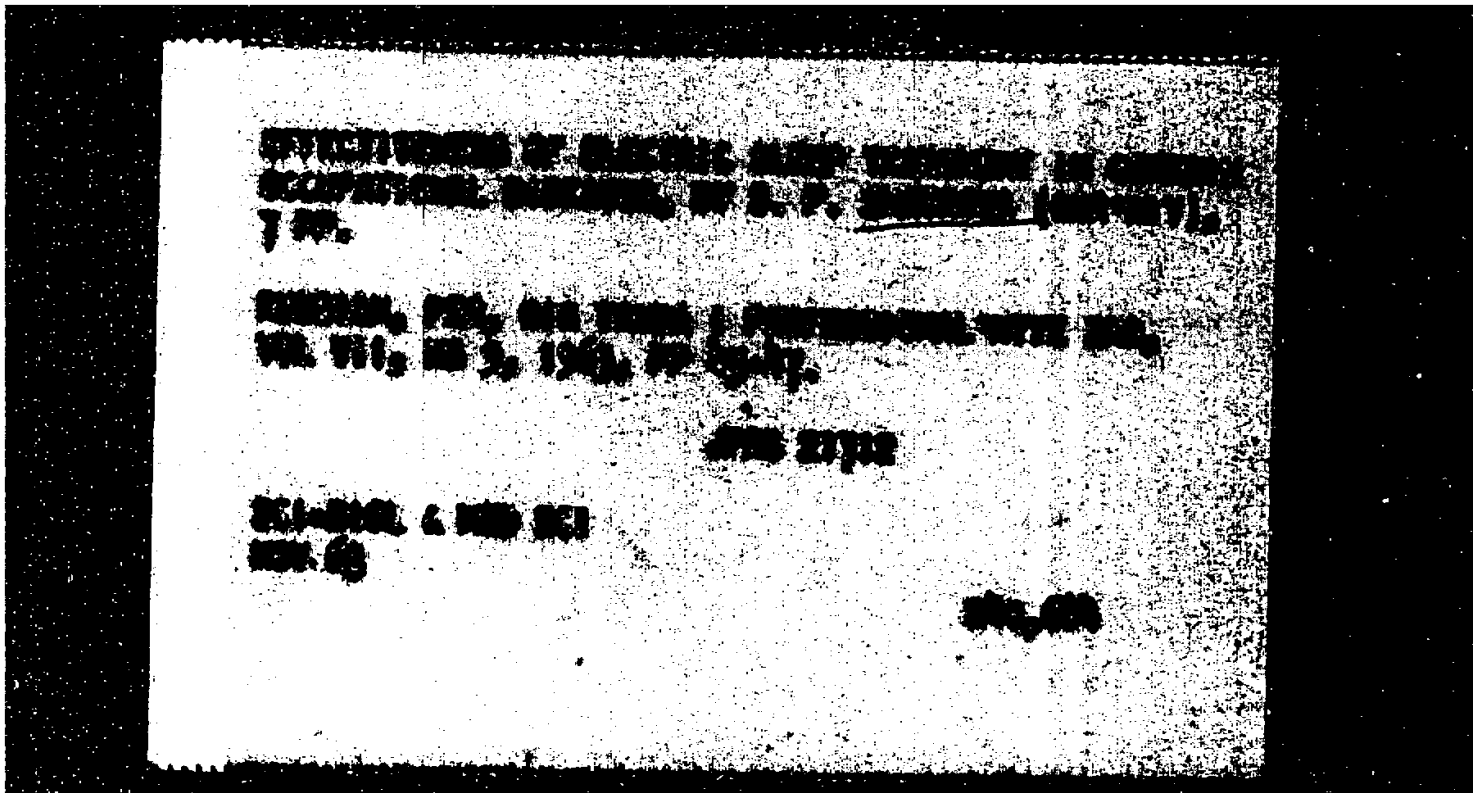
RUSSIAN, Patent No. 121973

ACSI II-9284
ID 2161126

Sci
Mar 61

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00929R000201010071-2

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00929R000201010071-2



APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00929R000201010071-2

(DC-6941)

A NUMERICAL METHOD FOR SOLVING OPTIMAL CONTROL
PROBLEMS, BY L. I. SHATROVSKIY, 6 PP.

RUSSIAN, PER, ZHUR VYCHISLITEL' MATEMAT I METEMAT
FIZ, VOL 11, NO 3, 1962, PP 488-491.

JPRS 14630

SCI - ELECTRON
JUL 62

205,639

**Influence of the Temperature Factor on the
Purification and Virulence of Variolar Detritus,
by F. I. Shats, UNCLASSIFIED**

**RUSSIAN, per, Zhur Mikrobiol, Epidemiologii i
Immunobiologii, No 1-2, 1942, pp 131-135.**

UDSA

Scientific - ~~Medicine~~

Biology

18,627

The Age of Meteorites, by I. E. Starik, M. M. Shats, E. V. Sobotovich, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 3, 1958, pp 424-.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 6

Sci - Phys
Jul 59

91, 848

Apparatus for Ether-Chloroform Narcosis
by the Drop Method With Utilization of
Part of the Air Exhaled by the Patient,
by M. V. Shats, 26 pp.

RUSSIAN, per Gosudarstvennyy Medit
Inst, ~~Trudy~~ Vol XXI, 1942, pp 143-154.

SLA 60-13730

Sci
Vol IV, No 5
Mar 62

188,426

Millimicrosec Blocking Oscillator With a Low
Operating Capacitance, by Yu. P. Mel'nikov, S. Ya.
Shats, 8 pp.

RUSSIAN, per, Radiotekh, Vol XV, No 11, 1960,
pp 34-38.

PP

Sci

Jun 61

156,382

Millimicrosecond Blocking-Oscillator, by Yu. P.
Mal'nikov, S. Ya. Shats, 14 pp.

RUSSIAN, per Radiotekh, Vol XV, No 6, 1960, pp 36-
44.

PF

Sci

139,861

Feb 61

(DC-6047)

Esthetic Training in the Primary School, edited
by V. N. Shatakaya, 111 pp.

RUSSIAN, bk, Esteticheskoye Vospitaniye v
Nachal'noy Shkole, 1959, pp 3-124.

JPRS 10513

USSR

173, #78

Soc

Oct 61

Measurement of Vector Electrical Quantities, by
I. G. Pustymnikov, M. Kh. Shatskiy, 3 pp.

RUSSIAN, per, Izmeritel' Tekh, No 5, 1960, pp 33, 34.

ISA

Sci -
Apr 61

146,486

On Homomorphisms of Groups and the Subalgebra
of Homomorphisms, I. Volynskiy's Subalgebra
Homomorphisms of Groups, by N. S. Shatekii, 2729
RUSSIAN, per. in Math. USSR, Int. Series Math.
Vol 19, 1954, No 4, pp 5-37
AII

N. S. Shatekii

Sci - RS
June 67

329,444

Paragenesis of Sedimentary and Volcanogenic Rocks
and Formations, by N. S. Shatskiy, 17 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geolog, No 5,
1960.

AGI

Sci
Mar 62

186, 131

The International 1:2,500,000 Tectonic Map of
Europe, by N. S. Shatskiy, A. A. Bogdanov, 16 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geol, No 4,
1961.

AGU

Sci

Sep 62

210,348

(2537-D)

Shb-1 "Lepestok" Dust Mask for Protecting the
Respiratory Organs From Radioactive Aerosols, by
S. N. Shatskiy, P. I. Basmanov, 5 pp.

RUSSIAN, monograph, Trudy Vses Konferentsiy po Med
Radiologii (Voprosy Gig i Dosimetriy), Moscow, 1957,
pp 44-48.

JPRS 747-D

Sci - Med, radiology
Jun 59

Chemical Composition and Aggregating Capacity of the
Microbial Mass, by T.k. Caponenkov, L.I. Shatsman,
3 pp.

RUSSIAN, per: Mikrobiologiya, Vol XXII, No 2, 1961,
pp 271 - 274.

AIBS

200,632

Sci
Apr 62

Shatsov, N. I.
DETERMINATION OF THE POWER REQUIRED FOR
DRILLING, 28p, MTWL: 392.
Order from OIS or ETC \$2.41 61-32011

Trans. of Neftyanoe Khozyaistvo (USSR) 1947, v. 25,
no. 2, p. 6-15.

DESCRIPTORS: *Drilling machines, *Power, Deter-
mination, Measurements.

61-32011

- I. Shatsov, N. I.
- II. MTWL-392
- III. Stichting Moeilijk
Toegankelijke Wetenschap-
pellijke Literatuur

20314

Office of Technical Services

Movement of Stars in the Spiral Arm of the Galaxy,
by R. Shatsova.

RUSSIAN, per, Astron Zhur, Vol XXXII, No 1, 1955,
pp 61-71.

CSIRO Tr 4982

Sci - Astron

Jun 61

157,793

The Luminosity Function of Red Dwarfs, by R. B. Shatsova, 11 pp.

RUSSIAN, per, Astron Zhur, Vol XXXVII, No 5, 1960, pp 870-881.

AIP
Sov Astron - AJ
Vol IV, No 5

Sci

Jun 61

158,202

The Dispersion in the Logarithms of the
Tangential Velocities of Stars in the Lower
Part of the Spectrum-Luminosity Diagram,
by R. B. Shatnova, 3 pp.

RUSSIAN, per, Astron Zhur, Vol XLVII, No 2,
1969, pp 344-346.

AIP
Sov Astron - AJ
Vol IV, No 2

132, 394

Sci
Per 50

Shatsova, R. B.
THE MOVEMENT OF STARS IN THE SPIRAL ARM
OF THE GALAXY (Dvizheniye Zvezd Spiral'noy
Vetvi Galaktiki) tr. by M. Slade. [1960] [21]p.
(foreign text included) 13 refs. CSIRO Trans.
no. 4982.
Order from LC or SLA mi\$2.70, pb\$4.80 61-15304

Trans. of Astronomicheskii Zhurnal (USSR) 1955,
v. 32, no. 1, p. 61-71.

Giants of early spectral classes which form the spiral
branch of the Galaxy in the vicinity of the Sun move
along the spiral in the direction of its unwinding at a
rate of about 6 or 7 km/sec. Discrete clouds of the
spiral have peculiar local movements. An investiga-
tion of a cloud of 8 stars shows that one of the com-
ponents of the local motion is its rotation directed to-
wards the conjunction of "Gould's Belt" and the Milky
Way. A second component is a forward movement in
the direction of the centre of the Local System; the
(Astronomy--Astrophysics, TT, v. 5, no. 8) (over)

61-15304

1. Stars--Motion
2. Galaxies--Analysis
- I. Shatsova, R. B.
- II. CSIRO Trans-4982
- III. Commonwealth Scientific
and Industrial Research
Organization (Australia)

Office of Technical Services

Influence of Ultrasound on Electrodeposition of Metals
from Cyanide Electrolytes, by S. A. Shatsova, Yu. A.
Fel'dman, I. S. Borodavko, 7 pp.

RUSSIAN, per, Zhur Prik Khrim, Vol. XXXIV, No 2, 1961,
pp. 331-338.

CB

Sci

Mar 62

192, 245

On the Possibility of Obtaining $Ba(O_2)_2$, by I. I.
Vol'nov, A. N. Shatunina.

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, CX, No 1,
1956, pp 87, 88.

Navy Tr 1459/NRL 603

Sci - Chemistry
Apr 1957CIB/dex

43, 728

Reactivity of Alkali Earth Metal Superoxides in
Relation to H₂O and CO₂, by I. I. Vol'nov, A. N.
Shatunina, 8² pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol II, No 7,
1957, pp 1474-1478.

AEC-tr-4057

Sci - Chemistry

Dec 60

PST 84

134,130

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00929R000201010071-2

The formation of Lithium Superoxide from Li₂O₂
Mikrochim. Zh. 1959, 11, 1011-1012, A. N. Shatalov, S. P.

Mikrochim. Zh., Zhur Neorg. Khim, Vol. IV, No. 2, 1959,
1011-1012.

Cleaver-Hume Press Ltd.
London

Sci - Chem - 11
Sci - 11

106, 581

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00929R000201010071-2

The Formation of NaO_2 from $\text{Na}_2\text{O}_2 \cdot 2\text{H}_2\text{O}_2$,
by I. I. Vol'nov, A. N. Shatunina,

RUSSIAN, per, Zhur Neorg Khim, Vol IV, No 7,
1959, pp 1491-1493.

Cleaver-Burns Press Ltd.
London

Sci - Chem
Jan 60

106,361

Shatunov.
ADJUSTMENT OF A CENTRAL-POINT SYSTEM BY
NON-LOGARITHMIC METHOD. Trans. on Soviet
Geodesy 1925-40. 27 Jan 61, 5p. JPRS: R-111-N/23.
Order from OTS \$0.50 61-11926

Trans. of Geodezist (USSR) 1933 [v. 9] no. 5/6,
p. 26-30.

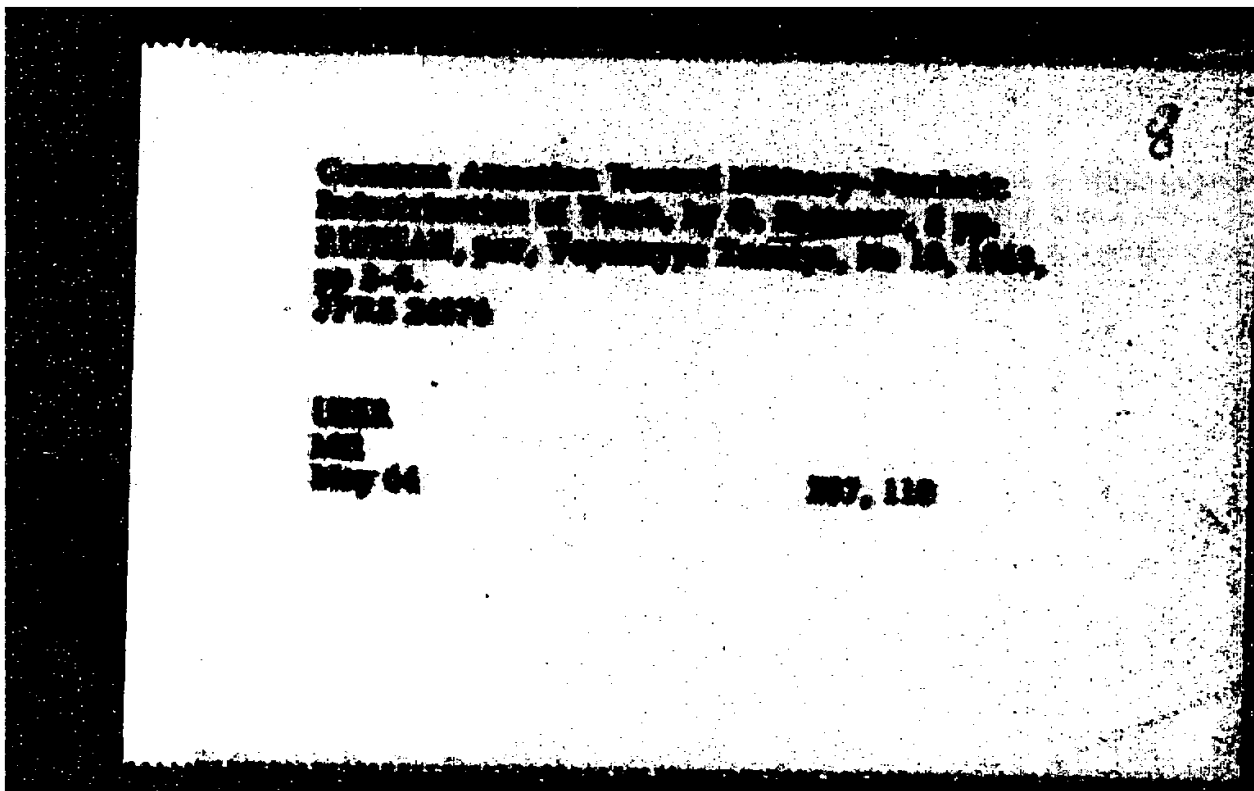
(Earth Sciences--Geodesy, TT, v. 5, no. 7)

61-11926

- I. Geodesics--Theory
- I. Shatunov
- II. Title: Soviet...
- III. JPRS-R-111-N/23
- IV. Joint Publications Research
Service, New York

Office of Technical Services

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00929R000201010071-2



APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00929R000201010071-2

Constant Attention Must Be Paid to the Military - Practical
Education of Young People, by G. M. ...
FOR OFFICIAL USE ONLY
HUMAN, ...
MI 2 London
Lib No 22162

USSR
MI
Mar 64

251,978

Broadened Scale for Mass Sports and Defense
Activities, by G. Shatunov, 4 pp.

RUSSIAN, np, Sovetskiy Patriot, 22 Aug 1962,
p 2.

JPRS 16230

USSR
Mil
Nov 62

(DC-2800/37)

Cadres Determine Success of Work, by G. Shatunov, 4 pp.

RUSSIAN, np, Sovetskiy Patriot, No 60,
27 Jul 1960, p 2.

JPRS 6303

USSR
Mil
Dec 60

134,362

Together With the Komsomol, by
Blatunov, 99 pp.

AMERICAN, bk, vmeste s Komsomolom, 1961.

ACSI I-3741
ID 2251750

Sci - Aero
Jan 64

248,312

(DC-2800/37).

Cadres Determine Success of Work, by G. Shatunov,
RUSSIAN, np, Sovetskiy Patriot, 27 Jul 1960, p 2.

*JPRS

USSR

Mil - Civil Defense

15 Sep 60