

Rotation of the Symmetry Plane of TE_{11} Waves
by a Longitudinal Resonance $n\lambda/2$ Slot in a
Circular Waveguide, by L. B. Shtrapein, 4 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVIII, No 7,
1958, pp 1613-1616.

Amer Inst of Phys
Sov Phys - Tech Phys
Vol III, No 7.

Sci - Phys

Mar 59

83,111

Cermets From Aluminum Oxide and Iron or Iron Alloys,
by Werner Jellinghaus, Toshimori Shuin, 32 pp.
HCFGRH

GERMAN, per, Stahl und Eisen, Vol LXX, No 7, 1958,
pp 419-429.

CIA/FDD XX-617

Sci - Min/met
Jun 59

USIB INTERNAL USE ONLY

88,182

Some Results of the Spectroscopic Study of
Aurorae and Airglow, by F. K. Shuiskaya, 5 pp.
UMCL

RUSSIAN, bk, Spektral'nye, Elektrofotometricheskiye
i Radiolokatsionnye Issledovaniya Polyarnykh
Siyaniy i Svacheniya Nochnogo Neba, 1959.

CIA 652607

X-3958

Amer Meteorol Soc
for Geophys Res Dir
T-RC-14

(possibly ^VATIC MCL-243/^VEM)

Sci - Geophys
Nov 59

100,615

SITE OF ACTION OF CHLORPROMAZINE ON THE CENTRAL
NERVOUS SYSTEM, BY SHUJI TAKAROI, L8 PP.

JAPANESE, PER, NIHON YAKURIGAKU ZASSHI, VOL ~~XX~~ LIV,
1958, PP 7-20.

NIH 5-2-62

~~207,937~~
207,937

SCI 1 MED

AUG 62

CHARACTERISTICS OF THE MODEL EXPERIMENT, BY
V. A. SHILOV, 16 PP.

RUSSIAN, PER, VOZRODY FILOSOFI, NO 9, 1963,
PP 40-50.

JPRS Z2105

SCI-MISC
DEC 63

243,319

Linear Differential Equations With Variable Coefficients
Coefficients (International Monographs on Advanced
Mathematics and Physics), by I. Z. Sitokalo, 96 pp.

RUSSIAN, monograph, Lineynyye Differential'nyye
Uravneniya s Peremennymi Koeffitsiyentami, 1960,
75 pp.

Hindustan Publishing Corp. (India)

Sci - Math

Mar 62

Jordan & Beach
183, 735

N.L. [unclear]

Coprecipitation in the Quantitative Analysis.
Investigation of the Growth of Barium Sulfate
Crystals, by A. K. Babko, M. I. Shtokalo, 4 pp.

RUSSIAN, per, Zavod Lab, Vol XXV, No 7, 1959,
PP 779-782.

ISA

Sci

Aug 61

162,458

Coprecipitation in Quantitative Analysis. Report
V. The Influence of a Complex Ion on the
Precipitation of Zirconium Phosphate, by A. K.
Babko, M. I. Shtokalo, 3 pp.

RUSSIAN, per, Zavod Lab, Vol XXIV, No 6, 1958,
pp 674-676.

Instru Soc of Amer

Sci

Apr 60

113,333

(SF-2121)

On the Stability of Computational Algorithms
of the Approximate Solution of Boundary Prob-
lems for Differential Equations by the Method
of Finite Differences, by Y. Z. Shtokalo,
6 pp.

RUSSIAN, per, Dopovidi Ak N uk Ukrain
RSR, No 4, 1961, pp 415-419.

JPRS 13249

Sci - Phys
Apr 62

189,866

(NYSF-2121)

A New Method for Investigating Nonlinear Differential Equations Based on the Theory of Moments, by Y. Z. Shtokalo, 6 pp.

RUSSIAN, per, Dopovidi Ak Nauk Ukrain
RSR, No 4, 1961, pp 429-433.

JPRS 13249

Sci - Phys
Apr 62

189.867

The Horizontal Expansion of Temperature Anomalies
in the Ocean, by V. B. Shtokman, 14 pp.

RUSSIAN, per, Problemy Arktiki, No 5, 1940, pp 7-12.

Amer Meteorol Soc for
Geophys Res Dir, ASTIA
T-282

The Action of Fused Nitrate-Nitrate Mixture
and Its Components on Molybdenum, Tungsten,
Zirconium Tantalum, and Niobium, by E. I.
Gurovich and G. P. Shtokman, App.

Russian, per, Zhur Prik Khim, Vol XXXIII,
No 12, 1959, pp 2673-2677

CB

133,175

Sci

Nov 60

Corrosion Activity of a Nitrate-Nitrite Molten
Mixture, by E. I. Gurovich, G. P. Shtolman, 5 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXX, No 10,
1957, pp 1547-1552.

Consultants Bureau

Sci - Chem
Jan 59

79,063

Manufacture of Lithium Carbonate from the
Lepidolites of USSR, by E. S. Burkser, I. S.
Shtokman and A. M. Bauman, 6 pp.

RUSSIAN, per, Zhur Khim Prom, Vol VI, 1930,
pp 1436-1438.

SLA R-2179

Sci

Aug 58

72,404

Development of total currents in oceans under
the action of wind, by V. Shtokman, V. Tsikunov,
41pp.

RUSSIAN, per, Trudy Inst. Okeanologii, 9, p 5-22,
1954.

^A
SLA R-3649

Sci

Aug 59

94, 433

The Water Masses of the Central Part of the Arctic Ocean, by V. B. Shtokman, 10 pp. UNCLASSIFIED

RUSSIAN, per, Problemy Arktiki, No 2, 1943, pp 68-74.

Ann. Met. Soc. T-28394

Air Res and Dev Command T-198-R

№ 2 cy Tr / RT 4195

Scientific - Geophysics

Aug 54 CTS

17,480

USSR/Sci/Alto *Geography*

20

Characteristics of the Spreading of Atlantic Waters in the
Polar Basin, by V. B. Shtolman, 2⁵ pp, UNCLASSIFIED
RUSSIAN, per, Dok Ak Nauk SSSR, Vol XLVIII, 1945.

Thermonia per

226
Navy Tr/H.O.

~~P May CTS~~

A11047

trans cts

Sci/Geophysics

A Theory of Equatorial Counter-Currents in the Ocean, by
V. P. Sitokman, 7 pp. UNCLASSIFIED

~~RUSSIAN~~
RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, Vol LII, 1946.

Navy Tr 227/H.O.

A11049

Nov 68

Relationships Between the Wind-Field, the Transport-Field and the Mean Mass-Field in a Nonhomogeneous Ocean, by V. B. Shtokman.

Full translation.

RUSSIAN, per Dok Ak Nauk SSSR, Vol # LIX, No 4, 1949, pp 675-678.

Scientific - Physics

A11051

ABC Tr 1266
H. L. J. T-56R
NAVY TA 234/H.O
C/A D 167-99

USSR/Sci/Miscellaneous
Geophysics

PL

A Theoretical Explanation of Certain Peculiarities of the Meridian Profile of the Surface of the Pacific Ocean, by V. B. Shtokman, 77pp, UNCLASSIFIED
RUSSIAN, per, Dok Ak Nauk SSSR, Vol LIII, 1946.

Thrice-70

228

*Navy Tr/H.O.

~~P May CTS~~

Nov. CTS

A 11050

The Horizontal Expansion of Temperature Anomalies
in the Ocean, by V. B. Shtokman, 9 pp.

RUSSIAN, par, Problemy Arktiki, No 5, 1940, pp
7-12. 649537

Amer Meteorol Soc
for Geophys Res Dir
ASTIA

Sci - Geophys

Oct 59

99,537

Determination of Current Velocities and Density Distribution in a Cross-section of an Infinitely Long Channel, as Related to the Action of the Wind and of Side-Friction in the Coriolis-Force Field, by V. B. Shtokman.

Full translation.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXVI, No 1, 1950, pp 41-44.

RT-1721

AEC Tr 1265

A11053

Scientific - Physics

Dok. F-605

0450407

USSR /Sci/ ~~Miscellaneous~~

PC

A Tentative Indirect Determination of the Velocities of the Trade Winds in the Equatorial Pacific, by V. B. Shtokman, 6 pp, UNCLASSIFIED
ROSSIJSKIY PER, Dok Ak Nauk SSSR, Vol LIII, ^{No. 6} 1946.

three-mo

²²⁹
Navy Tr/H.O.

P-May-67S

Nov 67S

A11054

Influence of Wind on Currents in Bering Strait, the
uses of Their High Speeds and Predominantly Northerly
motion, by V. B. Shtokman.

SI-MAN, per, Trudy Instituta Okeanologii Ak Nauk SSSR,
1 XXV, 1957, pp 171-197. CIA 9071914

Dept of Interior
SH211, E82, No 260

1 - Geophysics
p 60
of SLA 60-17119
1 III, No 12

126,952

USSR/Sci/Alsa. *Geophysics*

CP

Characteristic Features of the Coastal Circulation in the Sea, and Their Connection With the Transverse Non-uniformity of the Wind, by V. B. Shtokman, 6 pp.

UNCLASSIFIED

RUSSIAN, per, Dok Ak Nauk SSSR, ~~1946~~ Vol LIV, No 3, 1946.

thrice mo

280
*Navy Tr/H.O.

~~P-May CTS~~

Nov CTS

A 11055

Sci/Geophysics.....0

Equations of a Field of Total Flow Induced by the Wind in
a Nonhomogeneous Sea, by V. B. Shtolman, 5 pp. UNCLASSIFIED

RUSSIAN, three-mo per, Dok Ak Nauk SSSR, Vol LIV, 1946.

Navy Tr 231/N. O.

Nov cts

A11056

A11056

USSR/Sci/Geo *Geophysics*

EC

Theoretical Model of the Circulation of the Surface of the Ocean in the Region of the Equatorial Counter Current, by V. B. Shtokman, 4 pp. # ~~(FDD PA 37490)~~ UNCLASSIFIED
RUSSIAN, per, Dok Ak Nauk SSSR, Vol LVII, No 7, 1947.

Ariscma

252
Navy Tr/H.O.

DE

~~P May ETS~~
nov 82

A11057

USSR/Sol/Allee *Geo. Shtokman* PC

New Indicators of the Significance of the Irregularity of the Wind as One of the Reasons for Circulation in the Sea, by V. B. Shtokman, 6 pp. (PDD PA-52138), UNCLASSIFIED RUSSIAN, per, Dok Ak Nauk SSSR, Vol. LVIII, No 1, 1947.

the same

133
Navy Tr/H.O.

P-May CTS
no

111058

DEA way

68
Fluctuations of the Horizontal Components
of the Velocity of Ocean Currents Owing
to Large-Scale Turbulence, by

V. B. Shtokman.

RUSSIAN, per, IZV. AN SSSR, Ser Geograf-
icheskaya i Geofizicheskaya, 1941,

pp. 475-483.

NRCC C-8342

HTC-69-36806

Sci/ear sci
Apr 70

V. B. Shtokman

404,735

61
Pulsations of the horizontal Components of the
Velocity of Ocean Currents owing to Large-Scale
Turbulence, by V. B. Shtokman, 18 pp.
RUSSIAN, per, Izvestiya Akad Nauk SSSR, Seriya
Geograficheskaya i Geofizicheskaya, 1941, pp 475-483.

Dept of Interior

Bureau of Commercial Fisheries

Office of Foreign Fisheries

A-34-Dec 1969-No 72

On Loan

V. B. SHTOKMAN

Sci/Ear Sci

Mar 70

404,786

717
Pulsations of the Horizontal Components of the
Velocity of Ocean Currents Owing to Large-Scale
Turbulence, by V. B. Shtokman, 18 pp.
RUSSIAN, per, Izvestiya Akad Nauk SSSR, Seriya
Geograficheskaya i Geofizicheskaya, 1941, pp 475-483.

Dept of Interior
BCF/OPF
A-36-Feb 1970-No 86
On Loan

V. B. Shtokman

Sci/Ear Sci
May 70

USSR/Sci/*Geophysics*

PC

Significance of Wind and Relief of the Bottom on the Formation of Observed Features of the Dynamic Topography of the South Atlantic Ocean, by V. B. Shtokman, 6 pp.

UNCLASSIFIED

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LX, 1948.

Arizama

²⁶
Navy Tr/H.O.

~~P-May~~ CTS

ka

A11059

Attempted Generalization of the Data on Critical
Thermal Flows at the Boiling Points of Liquids in
the High Flow Velocity Range, by L.S. Shtokolov.
RUSSIAN, per Zhurnal Prikladnoi Mekhaniki I
Tekhnicheskoi Fiziki, Vol. 1, 1964, pp 134-136
MLL/RTS 2832 - 7s 6 d

L. S. SHTOKOLOV.

Sci -
Sep 67

339-815

Treatment of Liquid Laboratory Wastes Containing
Certain Radioactive Isotopes, by V. V. Vol'khin,
A. K. Shtol'ts. 6pp.

RUSSIAN, per, Radiokhim, Vol IV, No 2, 1962,
pp 220-225.

CB

245,840

cc:

Jan 64

Concerning the Nature of Indium Dichloride, by V. D.
Puzako, E. I. Krylov, A. K. Shtol'ts, 7 pp.

RUSSIAN, per, Zhur Georg Khim, Vol II, No 8, 1957,
pp 1753-1756.

AEC-4r-4058

PL-480

Sci

Apr 61

PST No 85

145, 245

Reaction on Frontal Diffusion in Industrial Iron, by
V. K. Arkharov, K. A. Yefremova, S. I. Ivanovskaya,
A. K. Shtol'tse, B. A. Yuzikov, 3 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vo. LXVIII,
No 2, 1953, pp 269-270.

NSF Tr 48

Scientific - Minerals/Metals

CPS/DEX

4537

On the Change in the Domain Structure of Magnetically
Uniaxial Ferromagnets in a Magnetic Field, by
I. A. S. Shur, E. V. Shtol'ts, A. A. Glazer,

RUSSIAN, per, Fiz. Met. Metallov, Vol VIII, No 5,
1959, pp 685-688, 9072598.

MDF S-162

Sci

132, 322

Nov 60

On the Temperature Dependence of the Magnetic
Properties of Magneto-textured Samples of Powder
of the Alloy MnBi, by IA. S. Shur, E. V. Shtol'ts,
G. S. Kandaurova, L. V. Redneva,

RUSSIAN, per, Fiz. Met. i Metallov, Vol VIII,
No 5, 1959, pp 678-684, 9072599.

MDF S-161

Sci

132, 321

Nov 60

10 707

GE-1

E. V. SHTOL'TS, Ja. S. SHUR, G. S. KANDAUROVA

Anisotropy of the coercive force in magnetically anisotropic samples of finely granulated powders

Über die Anisotropie der Koerzitivkraft in magnetisch anisotropen Proben aus feinkörnigen Pulvern

Izvest. Akad. Nauk SSSR, Ser. Fiz., , 22, No. 10, 1269-1272 (1958)

348 - German

E u r a t o m

Magnetic Structure of Small Monocrystalline
Particles of MnBi Alloy, by Ya. S. Shur, E. V.
Shtol'ts, V. I. Margolina, 5 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXXVIII,
No 1, 1960, pp 46-50.

Amer Inst of Phys
Sov Phys - JETP
Vol XI, No 1

Sci -
Aug 60

122,138

Characteristics of Technical Magnetization in Grain-Oriented Fine Powder Specimens, by Ya. S. Shur, E. V. Shtol'ts, G. S. Kandaurova, 5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXI, No 9, 1957, pp 1215-1219.

Columbia Tech

Sci - Phys
Jan 59

78,667

Anisotropy of the Coercive Force in Magnetically
Anisotropic Fine-powder Specimens, by B. F.
Shtol'tse, Ya. S. Shur, and G. S. Kandyanova,
3 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXII,
No 10, 1958, pp 1258-1261.

Columbia Tech

Sci

101, 814

Dec 59

Magnetic Properties of Magnetically Anisotropic
Specimens Made From Ferromagnetic Powders, by
I. Magnetization Curves and Individual Hysteresis
Loop Cycles, by E. V. Shtol'ts, Ya. S. Shur,
G. S. Kandayurova, 7 pp.

RUSSIAN, per, Fiz Metal i Metall, Vol V, No 3,
1957, pp 412-420.

Pergamon Press

Sci

102,155

Dec 59

Magnetic Properties of Magnetically Anisotropic
Specimens Made From Ferromagnetic Powders,
II. Dependence of Magnetization Curves on the
Method Used for Bringing About a Demagnetized
State, by Ya. S. Shur, E. V. Shtol'ts, G. S.
Kandaryukova, 6 pp.

RUSSIAN, per, Fiz Metal i Metall, Vol V, No 3,
1957, pp 421-427.

Pergamon Press

Sci

102, 157

Dec 59

The Domain Structure in High Coercivity Manganese-Bismuth Alloys, by Ya. S. Shur, E. V. Shtol'ts, G. S. Kandaurova, L. V. Bulatova, 6 pp.

RUSSIAN, per, Fiz Metal i Metall, Vol V, No 2, 1957, pp 234-240.

Pergamon Inst

Sci - Min/Inst
Nov 58

77,096.

Anisotropy of Magnetic Properties in Powder
Samples of MnBi Alloy, by Y. V. Shtol'ts and
Y. S. Shur, 7 pp. UNCLASSIFIED

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XCV,
No 4, 1954, pp 781-784.

Dept of Commerce
Patent Office
Sci Lib (gift)

58,627

Sci - Chem; Physics
Feb 58

Magnetic reversal processes in monocrystalline
particles of the alloy MnBi
By Ye. V. Shtol'ts, Ya. S. Shur, 6 pp.

RUSSIAN, per, Fiz Metal i Metallov, Vol XIII, No 3,
1962.

PP

Sci

Aug 63

342,404

61-13296

Shtol'ts, Ye. V., Shur, Ya. S., and Kandaurova, G. S.

THE ANISOTROPY OF COERCIVE FORCE IN MAGNETICALLY ANISOTROPIC FINE POWDER SPECIMENS (Ob anizotropii Koertsativnoy Sily v Magnitno-anizotropnykh Obratzaakh iz Tonkikh Poroshkov) tr. by E. G. Peters. 15 Feb 60, 7p. (2 figs. omitted) 7 refs. M1906.

Order from LC or SLA mi\$1.80, ph\$1.80 61-13296

Trans. of *Akademiya Nauk SSSR. Izvestiya. Seriya Fizicheskaya, 1958, v. 22, no. 10, p. 1269-1272.

Measurements were made of the coercive force of magnetically uniaxial powders of cobalt, Mn-Bi alloy, magnetite, and γ -ferric oxide. Angular-dependence curves showed that in textured specimens prepared from magnetically uniaxial powders the angular dependence of H_C may vary in character. A complicated dependence of H_C on φ , in which H_C has its maximum at a value of φ lying somewhere between 0° and 90° (Physics--Magnetism, TT, v. 5, no. 6) (over)

1. Metal powders--Magnetic properties
2. Ferromagnetic materials--Magnetic properties
- I. Shtol'ts, Ye. V.
- II. Shur, Ya. S.
- III. Kandaurova, G. S.
- IV. DSIR LLU M. 1906

Office of Technical Services

Changes in The Activity of Hemostatic Blood
Preparations Caused by The Ultra-High Frequency
Electric Field, by V. R. Shtol'tser, 5 pp.

RUSSIAN, per, Problemy Onkologii i Perel Krovi,
VOL XII, No 3, 1978, pp 38-42.

Pergamon Inst

Sci - Med

Feb 59

81,853

Growth of Bulgarian Food Industry, by
Vladimir Shtors, 12 pp. //
BULGARIAN, per, Expressna Informatsiya -
Khranitelna Proizhletnost, No 3, Mar 1966,
pp. 1-6.
JPRS 36385

Vladimir Shtors

EE-Bulgaria
Econ
Jul 66

306,795

The Thermal Stability of Sulfur Compounds of Kuybyshev
Oblast Crudes, by Ye. I. Skripnik, V. I. Isafulyants,
I. K. Shtov, 12 pp.

RUSSIAN, per, Khim i Tekh Topliva, Moscow, No 5, 1956,
pp 1-7.

ATIC F-TS-9068/V

Sci - Fuels
Mar 1957 CTS

45, 052

Possible Lines of Development for Automatically
Regulated Turbo-Generator Excitation Systems, by
Ya. N. Shtrafun.

RUSSIAN, per, Elektrichestvo, No 12, 1959, pp 10-13.

OTS 61-23261 *NLL M. 2660*

Sci - Engr.

Nov 61

174,426

Investigation of an Automatic Excitation System
for High-Capacity Turbogenerators With Semiconductors
Power Rectifiers, by Ya. N. Shtrafun. URCL

RUSSIAN, per, Elektrichstvo, No 8, 1958, pp 37-41.

DSIR LIU (loan) M.307

Sci - Electricity
Jun 59

88,457

Copolymers of Maleate and Methacrylate Polyesters-
A New Type of Binder for Glass-Reinforced Plastics,
by G. A. Shtraikhman, I. M. Al'shits,
V. V. Meshcheryakov, 6 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXIV, No 4,
1961, pp 888-894.

CB

Sci-Mar 62

187,166

Copolymers of Maleate and Methacrylate Polyesters-
A New Type of Binder for Glass-Reinforced Plastics,
by G. A. Shtraikhan, I. M. Al'shits,
V. V. Meshcheryakov, 6 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXIV, No 4,
1961, pp 888-894.

CB

187,162

Sci
Mar 62

Thiotropic Systems Based on PN-1 Unsaturated Polyester Resin and Silica Powder, by G. A. Shtraikhman, I. M. Al'shits, I. A. Zhidobina, R. G. Luchko, 6 pp.

RUSSIAN, per, Zhur, Prik Khim, Vol XXXIII, No 11, 1960, pp 2586-2592.

CB

170,253

Sci

Sep 61

Delayed Neutrons Which Accompany Photofission of Uranium and Thorium, by L. E. Lazareva, B. S. Ratner, I. V. Shtranikh, 6 pp.

RUSSIAN, no per, Zhur Eksper i Teoret Fiz, Vol XXIX, No 3, 1955, pp 274-279.

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

Sci - Physics
Feb 57 CTS

43,821

Delayed Neutrons From Photofission of Uranium and
Thorium, by L. E. Lazareva, B. S. Ratner, I. V.
St Shtvanikh, 8 pp.

RUSSIAN, per, Zhur Eksper i Teor Fiz, Vol XXIX,
No 3, 1955, pp 274.

A.E.R.E. Harwell Lib Tr 651
Sci Mas Lib 56/1160

Sci - Nuclear physics

39,492

A 1024-Channel Time Analyzer, by L. A. Matalin,
A. M. Shimanskiy, S. I. Chubarov, I. V. Shtranikh,
7 pp.

RUSSIAN, per, Pribery 1 Tekh Eksper, No 3, 1960,
pp 54-63.

Interntl Phys Index
Electronics Express
Vol III, No 1

Sci - Electron

Oct 60

128,818

Measurements of the Yields and Effective Cross
Sections of the $D(t,n)He^4$ and $D(d,p)T$ Reactions
Using Thick Targets of Heavy Ice, by E. M. Balabanov,
I. Ya. Barit, L. N. Katsaurov, I. M. Frank, I. V.
Shternikh, 6 pp.

RUSSIAN, part, *Atomnaya Energiya*, Supple No 5, 1957,
pp 44-56. CIA 9033743

Consultants Bureau

Sci - Nuclear Phys
Nov 58

77,082

Measurement of the Effective Cross Section for the
 $D(t,n)He^4$ Reaction in the Deuteron Energy Range
40-730 mev, by E. M. Balsanov, I. Ya. Barit, L. N.
Katsaurov, I. M. Frank, I. V. Shtranikh, 10 pp.

RUSSIAN, per, Atomnaya Energiya, Supple N No 5,
1957, pp 57-70. CIA 9033743

Consultants Bureau

Sci - Nuclear Phys
Nov 58

77,083

Measurement of the Effective Cross Section for the
the $Li^6(n,\alpha)$ Reaction for 2.5-MeV Neutrons, by
A. V. Elpidinskiy, F. L. Shapiro, I. V. Shtranikh,
11 pp.

RUSSIAN, par. Atomnaya Energiya, Supple No 5,
1957, pp 75-89. CIA 9033743

Consultants Bureau

Sci - Nuclear Phys
Nov 58

77,085

The Temperature Variation in the Viscous Properties
of Various Types of Muscle, by I. G. Shtrankfel'd,
6 pp.

RUSSIAN, per, Biofizika, Vol III, No 2, 1958, pp 144-
151.

Pergamon Inst

Sci - Med
Feb 59

81,636

The Temperature Variation in the Viscous Properties
of Various Types of Muscle, by I. G. Shtrankfel'd,
6 pp.

RUSSIAN, par, Biofizika, Vol III, No 2, 1958, pp 144-
151.

Pergamon Inst

Sci - Med
Feb 59

81,636

The Viscous-Elastic Properties of Different Types of
Muscles, by I. G. Khramkul'd, 9 pp.

RUSSIAN, 8 times-yr per, Biofiz, Vol II, No 2, 1957,
pp 166-173.

Pergamon Press

Sci - Medicine
Dec 57

55,919

On Ultraviolet Luminescence of Muscle and
Muscle Proteins, by I. G. Shtrankfel'd, 9 pp.
RUSSIAN, per, Biofizika, Vol 8, No 6, 1963,
pp. 690-695.
JPRS 42054

I. G. SHTRANKFEL'D

USSR
Sci-BRM
Aug 67

333,519

33

Luminescent Microscopic Study of Denervated
Muscles, by L. G. Filatova and I. G. Shtrankfel'd,
5 pp.
RUSSIAN, per, Doklady Akademii Nauk SSSR, Biofizika,
Vol 157, No 5, 1964, pp. 1224-1230.
JPRS 41904

I. G. SHTRANKFEL'D

USSR
Sci-B&M
Aug 67

332,704

121
Effect of a Dielectric on the Length
of Resonance Longitudinal Slots and Turn
of Polarization of Wave H in a Bound
Wave Guide, by L. B. Shtrapegin. 15p.
RUSSIAN, par, Izvestiya VUZ Fizika, No 3,
pp 72-74.
FTB-72-05-762

L. B. Shtrapegin

Sci-Phys
61

316,311

Electrical Calibration of Oscillograms in Strain
Measurements, by B. A. Glagovskiy, N. Ye.
Shtrofel', 3 pp.

RUSSIAN, per, Zavod Lab, Vol XXV, No 10, 1959,
pp 1236, 1237.

Instru Soc of Amer

Sci

Rep 60

126,230

(FDD 20161)

The Study of Substance Exchange in Slices of Cerebral Cortex Level of ATP and Its Changes Caused by Glutamic Acid, by G. Ach, R. Dalash, F. B. Shtraub, 17 pp.

UKRAINIAN, per Ukrains'kyi Biokhichnyy Zhurnal, Vol XXV, No 1, Kiev, 1953, pp 17-27.

CIA/FDD/U-5777

USSR
Sci - Med

Apr 54 CTS

13,040

Shtraukh-Valeva, S. A.

Wound Rots of Nordmann Fir (*Abies Nordmanniana*)
Trunks.

HEBREW, bk, Akademiia Nauk. SSSR Institut lesa.
Trudy, 16, 1954, pp. 336-346.

*PL 480
OTS 60-51006

1961

Certain Families of Extensions of a Symmetric Operator
by A. V. Sitraus, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIX, 1961,
pp 316-319.

Amer Math Soc

Sci

Jun 62

201,062

Investigation of the Influence of the Structure of Unsaturated Compounds on Their Reactivity in Copolymerization Processes. Part 2. The Effect of Different Substituents Attached to the Nitrogen on the Reactivity of Methacrylamide Derivatives With Respect to a Common Type of Radical, by G. A. Petrova, G. A. Shtraykman, 9 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXIII,
No 6, 1959, pp 1246-1252.

195,969

ATS-2344R

Sci
Vol 4, No 10, May 62

Mechanism of Joint Polycondensation Processes,
by G. A. Shtzaykhman, 4 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXII, No 3,
1959, pp 673-675.

Consultants Bureau

Sci

May 60

118,217

A Device for Studying Isothermic Conversions by the
Electric Resistance Method, by I. E. Kidin, A. V.
Panov, M. A. Shtremel, 3 pp.

RUSSIAN, per, Zavod Lab, Vol XXVI, No 8, 1960,
pp 1009-1011.

IBA

Sci

Jun 61

156,296

A New Method for Determination of the Elastic ca
Thin Flat Samples, by A. G. Bolshakov, M. A.
Shtremel', 8 pp.

RUSSIAN, per, Zavod Lab, Vol XXVI, No 6, 1960,
pp 744-749.

ISA

Sci J
Apr 61

148, 184

Investigation of the Luminescent Properties of Some
Borophosphate Compounds (A), by L. Ia. Markovskii and
R. A. Shtrikman, 3 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXI,
No 5, 1957, pp 683-685 .

Columbia Tech

Sci - Phys

Aug 58

71,800

Study of the Parameters of the Shielding Gas Jet
in Arc Welding, by A. V. Petrov, M. M. Shtrikman,
6 pp.

RUSSIAN, par, Svaroch Preis, No 5, 1961,
pp 5-7.

BMRA

Sci

198,720

Jan 62

The Properties of Welded Joints in Sheet Metal of
Type EN Steels, by A. V. Petrov, M. M. Shtrickman,
6 pp.

RUSSIAN, per, Avtomat Svarka, No 8, 1961, pp 25-30.

BWRA

Sci
23 Jul 62

204,253

Some Results of a Chemical Investigation of Colored
Glasses Made by M. V. Lomonosov, by Yu. V.
Morachevsky, R. A. Shtrikman, 4 pp.

RUSSIAN, no per, Zhur Prik Khim, Vol XXIX, No 9,
Sep 1956, pp 1432-1434.

Consultants Bureau

Sci - Chemistry
Sep 57

52,574

Principal and Side Processes Taking Place During
Synthesis of a Zinc Strontium Phosphate Phosphor
in a Reducing Atmosphere, by R. S. Shtrikhman,
D. N. Shoikhet, 8 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXIV,
No 9, 1961, pp 1912-1919.

CB

Sci

Jul 62

202,663

Criteria! Equations for Flooding in Countercurrent Extraction Columns, by V. I. Konovalov, V. O. Shtrebel', 6 pp.

RUSSIAN, per, Zhur Prikl Khim, Vol XXXIV, No 9, 1961, pp 1966-1970.

CS

Sci

Jul 62

202,671

(NY-3000)

The Northwestern Main Design Bureau of Agricultural
Machines, by V. Ye. Shtrom, 8 pp.

RUSSIAN, per, Sel'skoye Khozyaystvo Severo-Zapadnoy
Zony, No 10, Oct 61, pp 69-72.

JPRS 12532

USSR
Econ
Mar 62

183,987

The Technological Properties of the Lower
Carboniferous Coals in Western Donbas, by A. M.
Miroshnichenko, B. I. Shtromberg, A. K. Garbar,
Kh. M. Moiseyeva, M. I. Struyev, V. P. Savkova,
A. E. Chugunova, 5 pp.

RUSSIAN, per, Koks i Khim, No 3, 1960.

Coal Tar Research Association

Sci

127,583

Sep 60

(NY-3000/8).

Long-Range Plans for Developing a Coal Base for
Coking in the Southern USSR, by A. K. Miroshnikov
B. I. Shtromberg, 9 pp.

RUSSIAN, per, Koks i Khim, No 12, 1959, pp 3-6.

JPRS 2597

USSR
Econ - Technological
May 60

116,026