

On the Possibility of Certain Types of Oscillations
in Sampled-Data Control Systems, by Shao Da-Chuan,
6 p.

RUSSIAN, per, Avtomat i Telemekh, Vol XX, No 1,
1960, pp 85-89.

Instru Soc of Amer

Sci

Apr 60

112,498

Experiments to Improve the Efficiency of Chinese Paper Mills
and to Increase the Quality of Paper, by Robert MacIntyre.

1 p.
CONFIDENTIAL, per, Hong Kong 64-1000, No 2, 1964, pp 25, 26.

JPRS 20070

FE-China
Koon
Mar 64

201, 509

Lamination Defects in Rimming Steel Slabs,
by Hsiang-hua Shao. UNCL

~~SECRET~~
CHINESE, per, Acta Metallurgica Sinica,
Mar 1959, pp 16-21.

BISI 1445

(19 158.0d.)

Sci - Min/Met
Jan 60

104,544

45
Elementary Introduction to Antisubmarine Warfare,
by Shao Hsieh-lin, 5 pp.
CHINESE, per. K'o-hsueh Hsu-pao, Shanghai, No 8,
1962, pp 300-301.
JPRS 50176

Shao Hsieh-LIN

EE-Comm China

M11

Apr 70

406,157

Determination of Volatile Phenol in Waste Water
of Coke or Gas Plants and in Coal Tar Wastewater
(Bromination Method), by Shih Ya-chuan, Shao
Yu-sheng, Shao Jen-ti, et al, 15 pp.

CHINESE, per, Hua-hsueh Shih-pieh, No 12,
10 Dec 1959, pp 567-570.

JPRS 7821

Sci

155,000

Jun 61

A Geological Worker Learns To Serve People,
By Siao Ken-ts'ai, 5 pp.

CHINESE, pp, Kung-jen Jih-pao, 23 Dec 1964,
p. 4.

JCS 2570

PP-China
Soc
Feb 65

PS4
25,370

The State of the Art in Lubricant Research and
the Trend of Development, by Chen Shao Li, 13 pp.

CHINESE, per, K'o Hsueh T'ung Pao, No 2, 1962,
pp 9-13. 9685070

FTD-TT-63-267

Sci-Fuels

Aug 63

342,052

Probability and Mathematical Statistics by ~~Cheng~~
Shao-lien, 42 pp.

Chinese, bk, Ko-hsueh Chi-shu Ch'u-pan She,
Shanghai, 1961, pp 3-5-344. 9687638

FTD-PP-63-472

Sci- Math & Data Proc
Nov 63

241,482

(NY-43150).

Seize This Model to Strengthen Your Self Reform,
by Shao Li-tze, 6 pp.

CHINESE, np, Jen-min Jih-pao, 5 Apr 1960, p 11,

JPRS ~~5436~~ 5436

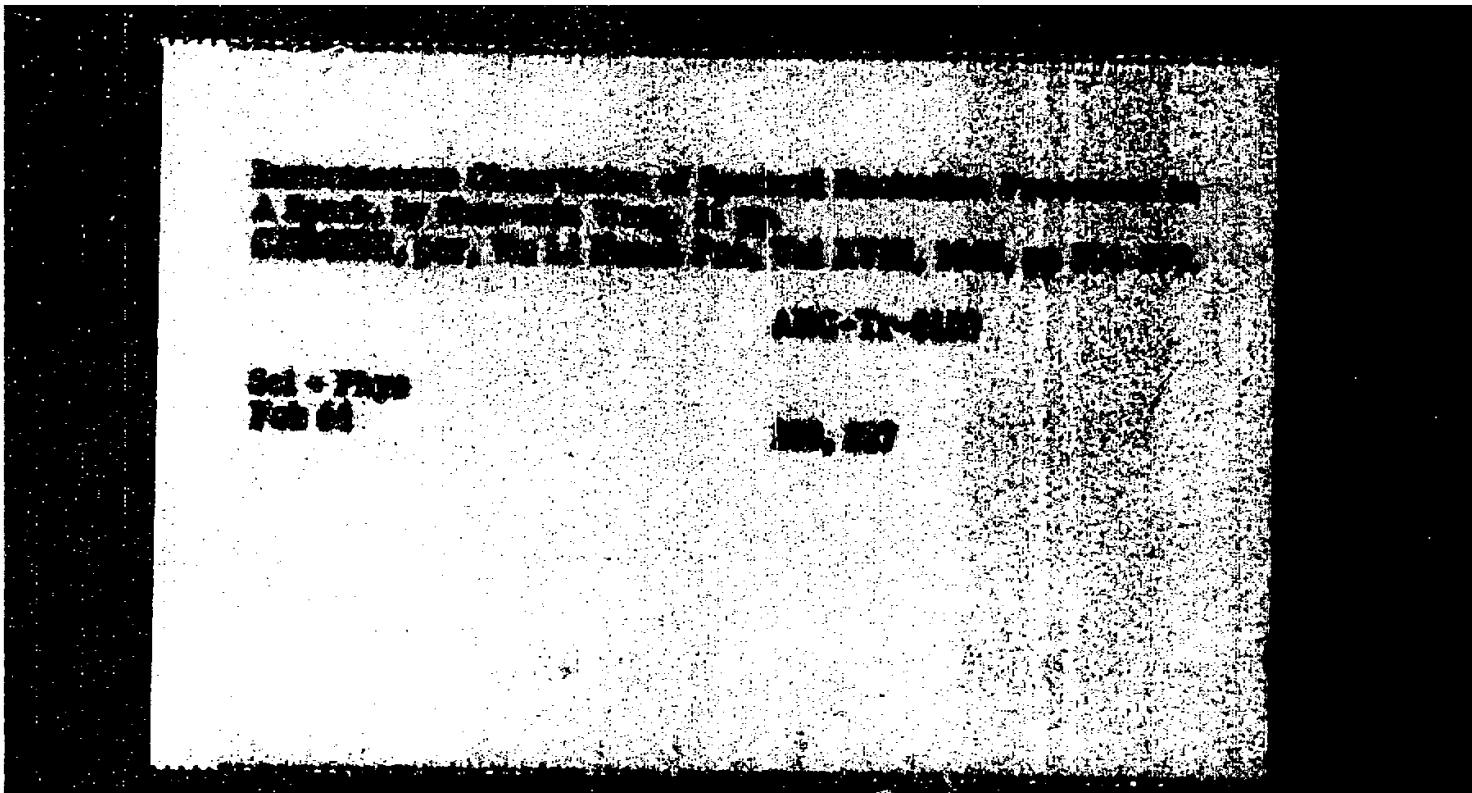
FE - China

~~Pol~~ Pol

Sep 60

124,789

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00929R000201010061-3



APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00929R000201010061-3

On the Examination of Optical Micrometer Errors,
by Wu Shao-pei, 5 pp. **CONFIDENTIAL**
CHINESE, per. T'ao-hui T'ung-pao, No 7, 13 Jul 1964,
pp 11, 12.
CIA, Sam 6298

FDD

Wu Shao-pei

Sci-Math
Mar 65

274,315

(SF-1225)

Several Problems Concerning the Elimination of the
Differences Between Physical and Mental Labor,
by Shao Ping, 19 pp.

CHINESE, np, Kuang-ming Jih-pao, 26 Sep 1960, p 3.

JPRS 4303

FE - China

Econ

Jan 61

138,643

J-2500

(DC-1926)

Report on Initiation of Socialism's Great
Production Movement, by Shao Shih-p'ing, 33 pp.
UNCLASSIFIED

CHINESE, 4 pp, Kiangsi Jih-pao, Kan-ch'ang,
29 Nov 1957, pp 1-4.

US JPRS/DC-402

FE - China
Econ -
Dec 58

52, 266

(DC-3530)

CONCERNING SOPHISM, BY SHAO T'IEH-CHEN, 11 PP.

CHINESE, PER, HUNG-CH'1, NO 14, 16 JUL 1962,
PP 34-37.

JPRS 14827

FE - CHINA
POL,
AUG 62

209,004

Highway Laws and Regulations, by Shao Wen-pin,
23 pp.

CHINESE, bk, Kung-lu Fa-ling Chi, Taiwan, 1959,
Abstracts From pp 9, 28-31, 37-49, 79-85, 130-132,
218, 219, 225, 226, 229-232. (Call No EIP
406898 Eng Tr)

Army Map Service

FE - China
Econ
Nov 63

242,385

(DC-5434)

An Appraisal of the Current International Situation
at the Time of the Geneva Foreign Ministers'
Conference, by Shao Wen-shih, 10 pp.

CHINESE, per, Kuo-chi Wen-t'i Yen-chiu, No 5,
Sep 1959, pp 1-7.

JPRS 8532

World Wide

Pol

158, 681

Jul 61

(DC-2665).

Work Report of the Kiangsi Provincial People's
Council, by Shao Shih-p'ing, 32 pp.

CHINESE, np, Chiang-hsi Jih-pao, 24 Jun 1958,
Nan-ch'ang, pp 1-3.

JFRS-780-D

FE - China
Econ
Sep 59

97,505

Report on the Initiation of Socialism's Great
Production Movement, by Shao Shih-Ping.

d np,
CHINESE, ~~per~~, Kiangsi Jih-pao, Nan-ch'ang, 29 Nov 1957,
pp 1-4.

J-2500 (DC-1926)

May 58

(DC-3302).

Criticism of Some of the Philosophical and
Sociological Views of the Bourgeois Right-wing
Elements and Revisionists in China (1957-1958),
by Kuo Shao-P'ang, 15 pp.

RUSSIAN, per, Problemy Vostokovedeniya, No 5, 1959,
pp 83-92.

JPRS 3091

111,231

FE - China
Pol
Mar 60

THE INFLUENCE OF CERTAIN OXIDES UPON
THE RECRYSTALLIZATION OF MOLYBDENUM,
BY D. A. PROKOSHKIN, ~~PER~~, SHAO-TSZYUN, 8PPR.

RUSSIAN, PER, METALLOVEDENIYE I TERMICHESKAYA
OBRABOTKA METALLOV, NO 3, 1961, PP 9-11.

JPRS 17955

SCI M/M

MAR 63

224,372

(FDD 27943)

Societies Related to Agriculture and Forestry Hold
Scientific Conferences, by Shao-ying, 13 pp.

CHINESE, no per, K'o-hsueh T'ung-pao, No 3, Peiping,
Mar 1955, pp 36-39.

CIA/FDD U-8669

FE - China
Sci - Biology

39,001

Aug 56 CTS/DEX

(DC-3162).

The Present International Situation Viewed From
the Geneva Foreign Ministers' Conference, by
Shao Wen-shih, 12 pp.

CHINESE, per, Kuo-chi Wen-t'1 Yen-chiu, No 5,
Peiping, 3 Sep 1959, pp 1-7.

JPRS-1102-D

FE - China
Pol
Jan 60

106,196

The Education Policy of the Party is A Glorious Path
For the Intelligentsia, by Shao Ying, 8 pp.

CHINESE, no per, Kuang-ming Jih-pao, Peiping, 21
Sept 58, pp 5.

JPRS 681-D
CSO: 1640-D/9

FE - China

ESSE Soc, Pol

Apr 59

85, 218

43
Five Years' Progress in Drug Analysis
Techniques in China, by Sun Tsung-p'oi and
Bian Yi-lin, 15 pp
CHINESE, per, Yao-hsueh Shing-ssu, Vol 10,
No 10, 1964, pp 163-164
SPIC 20270

Shao Yu-lin

Asia-China
Sci-Cong
Mar 64

BT7,310

Intrazonal Climatic Boundaries in the Territory
of the USSR, by V. M. Shapozh, 22 pp.

RUSSIAN, per, Meteorologiya i Gidrologiya, No 5,
1956, pp 8-18.

Amer Meteorol Soc
AF Cambridge Res Center

3 USSR

Geophysics

May 60

115 852

MEMORANDUM FOR THE DIRECTOR, NATIONAL SECURITY AGENCY
FROM: SAC, NEW YORK (100-111111) (P)
SUBJECT: [REDACTED]
DATE: 10/10/54
CLASS: TS-S

100-111111-100
MAY 64
U. S. GOVERNMENT ONLY

20,753

Capture Cross Sections of Fast Neutrons in
Tungsten And Molybdenum, by Yu. Ya. Staviaskiy,
A. B. Shapar', 4 pp.

RUSSIAN, rpt, Nov 1959.

AEC tr-3946

Sci - Phys
Apr 60

112,977

(NY-6923)

Fast Neutron Capture Cross Sections for
Niobium, Nickel, and Iron, by Yu. Ya.
~~Stavitskiy~~ Stavitskiy, A. V. Shapar, 5 pp.

RUSSIAN, per, Atomic Energy, Vol X, March 61,
pp 264, 265.

16578
JPRS ~~12603~~

USSR
Chem
Feb 62

185,798

V
Fertilizers--An Effective Means of Increasing
Potato Yields, by M. T. Shapar', 7 pp.

RUSSIAN, per, Udobrenie--Moshchnoe Sredstvo
Povysheniya Urozhaja Kartofelia, Irkutsk,
1950, p 31.

BCI TRANS CENTER RF-3346

USDA

USSR

32,679

Scientific - ~~Agriculture~~ Biology

Economic - Agriculture

Apr 56

+

Dynamics of the Process of Low Temperature
Carbonization of Solid Fuel. Communication II.
Heat Transfer to Layers of Particles of
Irregular Form, by F. Chukanov, E. A. Shepatina,

bk,
RUSSIAN, ~~HEX~~, Iz Ak Nauk, Otdel Tekh Nauk,
1946, No 4.

Dept of Interior
TN7 E57 No 453

Sci - Fuels

175,987

Doc 61

Heat Exchange in a Bed of Particles Heated
by a Stream of Hot Gas, by O. A. Tsukhanova,
E. A. Shapatina. UNCL

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk,
No 7, 1963, pp 62-72.

DSIR LLU M.1231

(loan)

Sci - Phys
Feb 60

108,385

Daily Variation in the Frequency of Wind Directions on Arctic Islands, by V. M. Shapayev,
3 pp.

RUSSIAN, per, Met 1 Gid, No 12, 1958, pp 32, 33.

IRA 654215

Amer Meteorol Soc
for Geophys Res Dir
ASTIA

Sci - Geophys

Jul 59

91,851

The Synthesis of 3-Methylhexadecan-1,16-Dioic Acid, by
L. K. Sarycheva, G. A. Shapenshtein, M. G. Pleshakov,
3 pp. et al.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 8, 1960,
pp 2539-2541.

CB

sci

168,811

sep 61

Dynamics of Shifts in Total Protein and Protein
Fractions of the Blood Serum in Different Phases
of Leukosis in Children, by V. P. Shapet'ko.
RUSSIAN, per. Pediatria, Vol 43, No 2, 1964,
pp 74-76.

HEW-NIR

11-7-67

V. P. Shapet'ko

Sci-B and C

Jan 68

346,933

Shapkin, I. F.
ENSAYOS SOBRE EL EMPLEO DE LA CORRECCION
FOSFATO-SILICICA (Opyt Primeneniya Fosfatno-
Sillkatnogo Korrektirovaniya) (Tests on the Utili-
zation of Phosphate-Siliceous Adjuster). 13p. 2refs.
CID:63-339.
Order from OTS, ETC or CID \$1.60 TT-63-26739

Trans. in Spanish of Energeticheskii Byulleten'
(USSR) 1952, no. 12, p. 7-12.

DESCRIPTORS: Control, *Phosphates, Silicon,
*Control systems.

(Engineering--Electrical, TT, v. 11, no. 11)

TT-63-26739

I. Shapkin, I. F.
II. CID 63-339
III. Centro de Información
y Documentación,
Madrid

Office of Technical Services
European Translations Centre

A New Reaction for the Substitution of Alcoholic
Hydroxyl by Fluorine and its Use, by A. I. Titov,
G. N. Veremeyev, V. V. Smirnov, O. D. Shapilov,
4 pp. 1951

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII, No 2,
pp 358-360.

Consultants Bureau

Sci - Chem
Aug 58

69, 076

(NY-5100)

Time Lost in Winter Repair of River
Tankers, by V. Syzranov, V. Shapinskiy,
I. Dobritskiy, 3 pp.

RUSSIAN, mp, Vodnyy Transport, 16 Nov 1961.

JPRS 13285

USSR
Econ
Apr 62

190,173

(NY-6401)

Budget of Kippat Cholim Must Be Balanced
From Members' Dues, by Y. Shapira, 3 pp.

HEBREW, np, Davar, 21 Nov 1961, p 5.

JPRS 12879

EE/Afr - Israel
Econ
Mar 62

188,637

Nonlinear Theory of the Oscillations Excited by an
Electron Beam Injected into a Semi-Infinite Plasma,
by I. A. Vainshtein, Shapiro.
USSR JOURNAL OF THEORETICAL AND EXPERIMENTAL PHYSICS, Vol. XLVII,
No. 4, 1964, p. 1389.
Library/APL 1-10

Sci-Phys
Mar 65

Shapiro

P102

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00929R000201010061-3

Application of Method of Engineer F. L. Kovalev in
Mechanized Earthwork, by Shapiro, I. A.

RUSSIAN, per, Mekhanizatziya Stroitel'stva, 1951, No 3,
pp 5-8.

Sci Museum Lib No 52/0470

A 10789

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00929R000201010061-3

The Determination of Nonmetallic Inclusions
in Steel, by Shapiro. UNCLASSIFIED

RUSSIAN, handbook, The Metallurgy and Heat
Treatment of Steel and Cast Iron, 1957, Chap X,
pp 112-116.

~~Co-op Tr Scheme~~

~~Tr 904~~

British Iron and Steel Inst 904

Min

Sci - Met

Jun 58

(1-2-10-0)

64, 695

Infectious Anemia, by Ya. Kolyakov, A. Pinus, A.
Eht Shapiro. UNCLASSIFIED

RUSSIAN, bk, Veterinarnyi Entsiklopedicheskiy Slovar,
Vol I, 1950, pp 386-393.

UEDA

Scientific - Medicine
June 54 CTS/DEX

14,896

Computer Calculation of Temperature Distribution
in Cupolas, by L. M. Marienbakh, A. M. Shapiro.

RUSSIAN, per, Lit Proiz, Sep 1960, pp 25-28.

HB 5125

Sci - Engr

Jun 61

156913

Director for [unclear] the [unclear] [unclear]
[unclear] [unclear] [unclear] [unclear] [unclear]

MEMO for [unclear] & [unclear] [unclear] [unclear]
[unclear]

JUNE 1966

[unclear]

10-60

153,600

Diffusion Kinetics for a Surface of Unequal Accessibility, by O. M. Todes, A. P. Shapiro, 8 pp.

RUSSIAN, per, Kinetika i Kataliz, Vol I, No 2, 1960, pp 324-332.

CB

Sci
Jul 61

162,787

Tetradymite Flotation, by V. I. Zelenov, A. P. Shapiro, 3 pp.

RUSSIAN, per, Tsvetnye Metally, Vol I, No 6, 1960, pp 14-17.

Primary Sources

Sci
Feb 61

140,255

(NY-5330)

How to Improve the Operation of Kolkhoz-type
Rediffusion Stations, by A. V. Radzievskiy, Ye. A.
Shapiro, 13 pp.

RUSSIAN, par, Vestnik Svyazi, No 8, 1954.

JPRS 7112

Sci

Feb 61

140,698

A New Electrical Proportional-Action Effector, by
V. I. Litvak, A. Ya. Shapiro, 4 p.

RUSSIAN, per, Avtomat i Telemekh, Vol XX, No 2,
1960, pp 253-256.

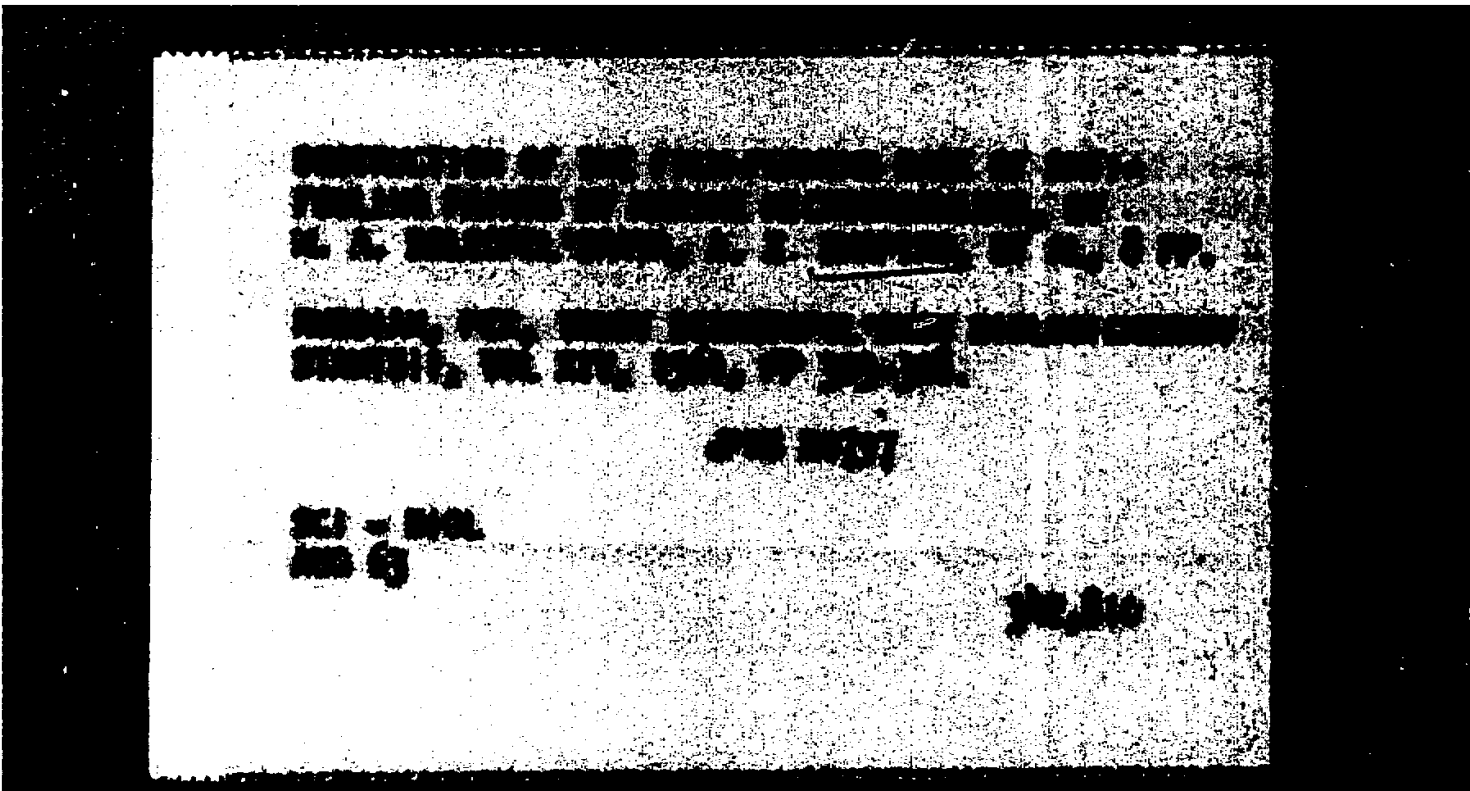
Instru Soc of Amer

Sci

Apr 60

112,514

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00929R000201010061-3



APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00929R000201010061-3

Application of C^{14} -Labelled Substances in the
Study of Adipose Tissue Metabolism, by B. Shapiro,
G. Rose.

^o
A HEBREW, paper P/776, Proceedings of International
Conference on Peaceful Uses of Atomic Energy Held
at Geneva 8-20 Aug 1955, Vol XII.

Internatl Conf -- UN

Sci - Nuclear Physics
Apr 57

CIA 1-669.9.162

46,805

An Electro-Acoustical Method of the Registration of
Detonations in Aviation Engines, by A. S. Sokolik, A
I. Sokolik, B. K. Shapiro, M. I. Rodman, 20 pp.

RUSSIAN, per, Tekh Vozdush Flot, No 5, 1947.

AMC F-TS-7368

Sci - Aerob Engineering

A-9938

Changes in the Pancreas in Myocardial
Infarction, by B. M. Shapiro.
RUSSIAN, per, Arkhiv Patologii, Vol XXV,
No 11, 1963, pp 50-58.
OTS TT-64-19657
LOAN

Jun 67

317,531

Motions in the F-Region of the Ionosphere above
Tbilisi during the Eclipse of February 15, 1961
by B. S. Shapiro and V. N. Shashun'kina, 5 pp.

RUSSIAN, per, Geomagnet i Aeron, Vol I, No 5,
1961

AGU

Sci

Jun 63

342, 613

On Certain Results of Determining the Electron
Concentration of the Outer Regions of the Ionosphere
by Means of Observations of Radiowave Signals From the
First Artificial Satellite, by Ya. L. Alpert,
E. P. Chudensenko, B. S. Shapiro, 26 pp.

RUSSIAN, per, Uspekhi Fiz Nauk, Vol LXV, 1958,
pp 161-174.

AEC/NP 152

Sci - Spac Res

Nov 58

76,460

(DC-1410)

The Development of Rolled Stock Production, by
B. S. Shapiro, 12 pp.

RUSSIAN, no per, Stal', Vol XVII, No 11, Moscow,
Nov 1957, pp 992-996.

US JPRS/DC-L-869

USSR

EEur - Germany, Poland, Rumania, Czechoslovakia

Econ - Ferrrous Metallurgy

75, 07-

RESERVES OF ROLLING PRODUCTION FOR THE SERVICE
OF COMMUNISM, BY B. S. SHAPIRO, 7 PP.

RUSSIAN, PER, METALLURG, NO 11, NOV 1962,
PP 6-8.

JPRS 16869

USSR

ECON

SCI - M/M JAN 63

218,683

(NY-6686)

Investigation of the Distribution of Ioniza-
tion With the Height, by B. S. Sapiro,
13 pp.

RUSSIAN, bk, Issledovaniya Ionosfery, IGY Program
Part V, No 3, 1960, pp 7-12

JPRS 10930

175.570

Results of Investigations of the Outer Region of the
Ionosphere According to Observations of Radio
Signals of the First Artificial Earth Satellite, by
Ya. L. Al'pert, B. F. Chudsenko, B. S. Shapiro,
73 pp. UNCLASSIFIED

RUSSIAN, pamphlet, Predv aritel'nyye Itogi Nauchnykh
Issledovaniy s Pomoishch'yu Pervykh Sovet Izhust
Sputnikov Zemle i Raket, Sbornik Statey, No 1,
Part II, 1958, pp 40-108.

Sci - Space Res
Oct 58

US JPRS/RY 724

75,735

(NY-1877)

The Programming of Computations of Ionospheric True
~~XXXXXX~~ Heights on Electronic Computers, by B. S.
Shapiro, T. L. Vinnikova, 6 pp.

RUSSIAN, per, Geomagnetizm i Aeronomiya, Vol III,
No 2, 1963, pp 269-276.

AGU

Sci
May 64

258,514

N(h)-Profiles of the Ionosphere over Moscow during
the Magnetic-Ionospheric Disturbances of November
1960, by N.I. Potapova, B.S. Shapiro, 9 pp.

RUSSIAN, per, Geomagnetizm i Aeronomiya, Vol III,
No 1, 1963, pp 63-72.

AGU

Sci

May 64

258,4714

On the Results of a Determination of Electron
Concentration of the Outer Region of the Ionosphere
From Observations on the Radio Signals of the
First Earth Satellite, by Ya. L. Al'pert, F. F.
Dobryakova, E. F. Chudsenko, B. S. Shapiro.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 4,
Jun 1958, pp 743-746.

IGY 32

Sci - Spac Res

Sep 58

73, 922

**Franks and Reardon on Who Should Be Under Arms, by
M. G. ...
...
...
...
...**

CONFIDENTIAL

**...
...**

...

(DC-2700/71).

Coordination Should Improve [Mower Production ~~K~~ at
the Lida Agricultural Machine Building Plant], by
D. Shapiro,

RUSSIAN, ~~KXX~~ np, Sovetskaya Belorussiya, 25 Dec 1960,
p 3.

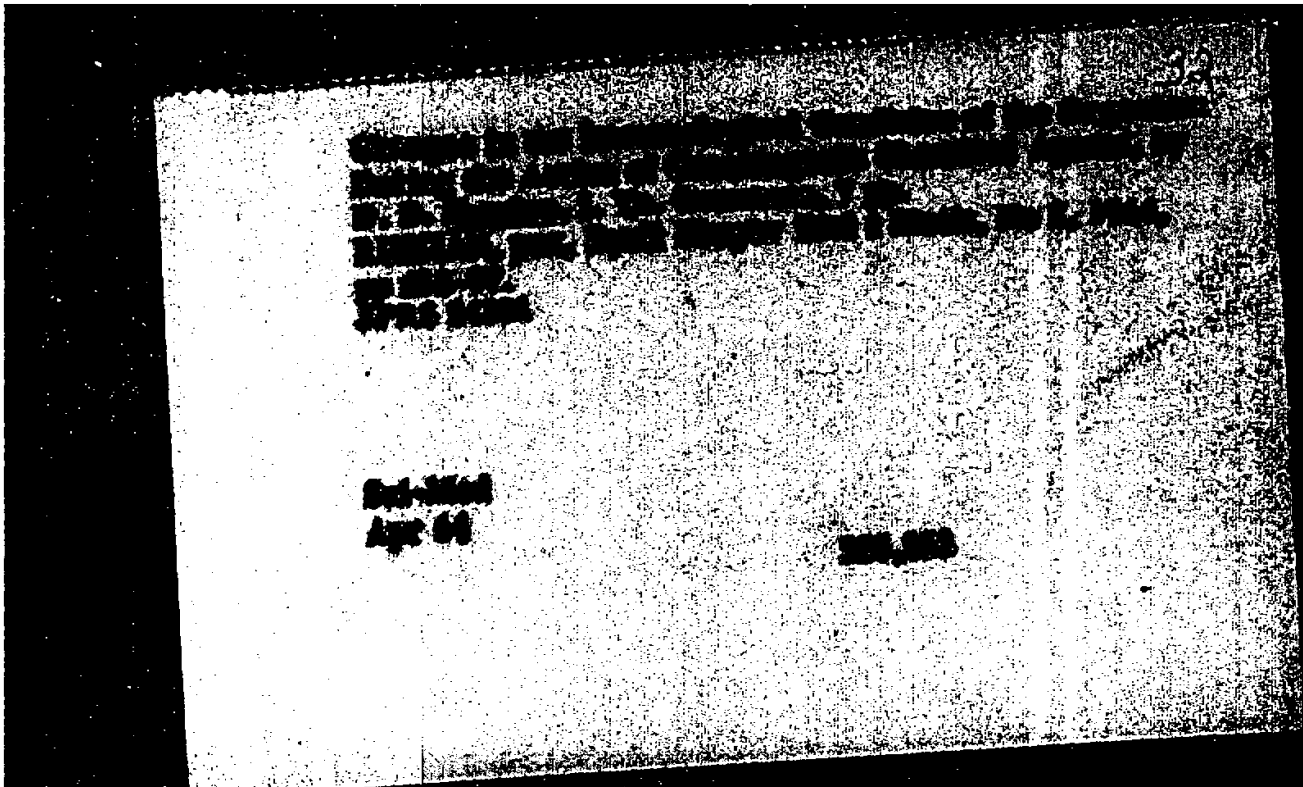
*JPRS

USSR

Econ - Technological, Farm Machinery

14 Apr 61

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00929R000201010061-3



APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00929R000201010061-3

Calculation of the Efficiency of Shielding
Chambers, by D. N. Shapiro, 20 pp.

RUSSIAN, bino per, Radiotekhnika, Vol X, No 4,
Apr 1955, pp 36-47.

ATIC F-TS-8641/V

Sci - Electronics
Feb 1957 CTS/dex

44, 415

SHAPIRO, D.V.

Development of Electrical Machinery Construction (the at)
Elektrosila Plant imeni S M Kirov - Russ per Vest Elektro
Prom No 11/47 OOR 2473/49

A 10786

Shapiro, E. A.
THE SORPTION PROPERTIES OF NERVE DURING
DEVELOPMENT OF A PESSIMUM IN A NERVE-
MUSCLE PREPARATION. [1963] [sp] 11 refs
FASEB Manuscript no. S 123-3.
Order from OTS, SLA, or ETC \$1.10 TT-63-24460

Trans. of Tsitologiya (USSR) 1962, v. 4, no. 4,
p. 449-451. (Abstract available)

DESCRIPTORS: *Absorption (Biological), *Nerves,
*Neuromuscular transmission, Biological stains,
Stimulation, Electrokymography, Histological
techniques,

A vital staining method was used to investigate the
changes in the sorption properties of the nerve during
the development of a pessimum in a nerve-muscle
preparation as a result of the prolonged application of
(Biological Sciences--Physiology, TT, v. 11, no. 6)
(over)

TT-63-24460

- I. Title: Pessimum
- I. Shapiro, E. A.
- II. FASEB-S-123-3
- III. Federation of American
Societies for Experimental
Biology, Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

43830

Office of Technical Services

(NY-3432).

Methods of Measuring Human Radioactivity, by L. I.
Zlobin, A. N. Pisarevskiy, E. L. Shapiro, V. A.
Shamov, 7 pp.

RUSSIAN, per, Medit Radiolog, Vol IV, No 6, 1959.

JPRS 2773

Sci - Medicine

Oct 60

130,972

Polymerization of Isopropyl Vinyl and Cyclohexyl Vinyl Ethers in Presence of 2,2-Azobis[2-Methylpropionitrile], by M. F. Shostakovskiy, F. P. Sidelkovskaya, E. S. Shapiro, 4 pp.

RUSSIAN, bino per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 6, Nov/Dec 1955, pp 1085-1090, CIA 54276 C, reel 3.

Consultants Bureau

Sci - Chemistry

37,643

Aug 1956

Investigation of Lactones and Lactams, Communica-
tion 10. Addition of Hydrogen Sulfide to
N-Vinyl Lactams, by M. F. Shostakovskiy, E. S.
Shapiro, P. P. Bidel'kovskiy, 6 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel. ² ~~Polim~~ Nauk,
No 1, 1958, pp 68-74.

Consultants Bureau

Sci - Chem

May 59

86,871

Synthesis of Polyfunctional Sulfur Compounds from
Divinyl Ether and Hydrogen Sulfide, by M. F.
Shostakovskiy, E. S. / Shapiro, E. V. Dubrova, 5 pp.

RUSSIAN, par, Zhur Obshch Khim, Vol XXVIII, No 12,
pp 3311-3316

Consultants Bureau

Sci

Feb 60

109,000

Formation of Low-Molecular-Weight Polymers of
Vinyl Ethers in Presence of Benzoyl Peroxide, by
M. F. Shostakovskiy, E. S. Shapiro, Z. P. Sidel-
kovskaya, 4 pp.

Full tr

RUSSIAN, no per, Iz Ak Nauk, Otdel Khim Nauk, No 3,
1956, pp 368-372. CIA 9000402

Consultants Bureau

Sci - Chemistry
Sep 56 CTS

38,661

Synthesis of Sulfur Compounds by the Use of
Vinyl Ethers and Acetylene. Communication 1a.
The Most Effective Catalysts for the Addition
of Hydrogen Sulfide to Vinyl Ethers in the
Direction Contrary to Markovnikov's Rule, by
M. F. Shostakovsky, E. N. Prilezhneva, E. S.
Shapiro, 8 pp.
Full translation.

RUSSIAN, biro per, Iz Ak Nauk, Otdel Khim Nauk,
Jul/Aug 1955, pp 734-741. CIA C 41476

32,626
Consultants Bureau

Scientific - Chemistry
Mar 56 CTS/dex

Synthesis of Sulfur Compounds by the Aid of Vinyl
Ethers and Acetylene. Communication 7. Peculiarities of the Reaction of Addition, Contrary to Markovnikov's Rule, of Hydrogen Sulfide to Butyl Vinyl Ether, by M. F. Shostakovskiy, E. N. Prilezhaeva, E. S. Shapiro, 10 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 2, 1954, pp 292-302. CJA D 151309

23,413

Consultants
~~XXXXXXXXXX~~ Bureau

Scientific - Chemistry

May 55 CFS/DEX

Chlorination of Diacetylene Synthesis of
Hexachloro-1,3-Hexadiene, by M. F. Shostakovskiy,
E. S. Shapiro, L. I. Skmonina, ⁴ pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CIVLII, No 1,
1958, pp 114-.

Consultants Bureau

Sci - Chem

Jun 59

88,822

Synthesis of Sulfur Compounds by the Aid of
Vinyl Ethers and Acetylase. Communication 8.
General Method for the Synthesis of 2-Alkoxy-
thanethiols, by M. F. Shostakovskiy, E. N.
Prilezhaeva, E. S. Shapiro, 10 pp.

RUSSIAN, bino per, Iz Ak Nauk SSSR, Otdel Khim
Nauk, No 2, 1954, pp 303-313. *CFAD 157309*

23,318

Consultants Bureau

Scientific - Chemistry

May 55 CTS/DEX

Synthesis of Sulfur Compounds by the Aid
of Vinyl Ethers and Acetylene. Communication
6. Reactions of Thiols With Vinyl Ethers, by
M. F. Shostakovsky, E. N. Prilezhaeva, E. S.
Shapiro, 10 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Otdel Khim
Nauk, No 2, Mar/Apr 1953, pp 357-367.

Consultants Bureau

Scientific - Chemistry

CTS/DEX

17,991

Synthesis of Sulfur Compounds by the Aid of Vinyl Ethers.
Communication 5. Some New α,β' -and β,β' -Dialkory
Derivatives of Diethyl Sulfide, by E.N. Prilezhaeva,
E.S. Shapiro, M. F. Shostakovsky, 5 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 3, May-Jun 1952, pp 478-483.

Consultants Bureau

USER
Scientific - Chemistry

Mar 54 CTS/DIEK

10,218

(EC-6953)

XB

FERTILITY OF MALE MICE EXPOSED TO GAMMA RADIATION
DURING EMBRYONIC GROWTH AND THE VIABILITY OF THEIR
OFFSPRING, BY F. B. SHAPIRO, 14 PP.

RUSSIAN, PER, NAUCH DOK VYSS SHKOLY,
BIOLOGICHESKIYE NAUKI, NO 2, 1962, PP 104-108.

JPRS 14833

SCI - BIOLOGY

AUG 62

208,382

Fertility of Female Mice Irradiated ~~and~~ during
Fetal life and Viability of the Offspring, by
F. B. Shapiro, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CLIV,
No 4, 1959, pp 921-~~4~~.

Amer Inst of Phys
Sov Phys - Doklady
Vol IV, No 2~~a~~

Sci

Dec 59

101,867

S-5203

(NY-2619).

The Protective Action of Heroin on the Embryos of
White Mice in Total Irradiation of the Mother,
by F. B. Shapiro, 6 pp.

RUSSIAN, per, Medit Radiolog, No 3, 1959, pp 39-42.

JPRS-L-859-N

Sci - Medicine, Radiology
Jul 59

93, 410

Alteration in the Sex Ratio of Mice as a
Possible Result of Gamma-Irradiation of Embryos,
by F. B. Shapiro, N. I. Shapiro, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXII, No 2,
1958, pp 215-.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 5

Sci - Phys
Jul 59

91,771

Deviation From the $1/r^2$ Law in the Green Scattering of Silver
Spherical Resonators in Light Metals, by A. A. Strydom,
F. L. Shapiro, 80 pp.
RUBEN, J. P. For Scattering from F. H. Lohman At East
Side, 1964, 21 pp. 000001

ADCA-77-0113

Sci-Prod Sci
Feb 64

200,000

Energy Dependence of Cross Sections for (n, γ)
Reactions on a Number of Odd-Z Nuclei, by Yu. P.
Popov, F. L. Shapiro, 9 pp.

RUSSIAN, per, *K Zhur Ekspert i Teoret Fiz*, Vol. XLII,
No 4, 1962, pp 988-1000

AIP
Sov Phys - JETP
Vol XV, No 4

Sci
Sep 62

214,945

~~THEORY~~
Theory of the Diffusion of Thermal Neutrons Taking
Account of Velocity Distribution, by M. V. Kazarnovskiy
P. L. Shapiro, 15 pp.

RUSSIAN, bk, Teoriya Diffuzii Teplovykh Neitronov s
Uchetom Raspredeleniya Skorostoi, 1960. 9093900

AEC UCRL Tr-687

Sci - Phys
Dec 61

177,437

Neutron Spectrometry Based on the Measurement of
the Decelerating Time of Neutrons, by L. E.
Lazareva, E. L. Feinberg, F. L. Shapiro, 2 pp.

RUSSIAN, no per, Zhur Eksper i Teoret Fiz, Vol
XXIX, No 3, 1955, pp 381-383.

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

Sci - Physics
Feb 57 CTS

43, 840

Increase of Intensity in Time of Flight
Measurements by Sweeping the Beam Over the
Target, by F. L. Shapiro, 8 pp.

RUSSIAN, per, Pribery 1 Tekhnika Eksperimenta,
No 1, 1957, pp 33-36. 9202272

ANC-Tr-5540

Sci - Phys
6 Mar 63

~~123,779~~
524,214

Deviation from the $1/v$ Law in the Cross Sections of Slow
Neutron Reactions in Light Nuclei, by A. A. Bergman,
E. L. Shapiro, 33 pp.
RUSSIAN, per, Zh. Eksperim. i Teor. Fiz., Vol XL, 1961,
pp 1270-1281.

AEC-Tr-6153

Sci - NS
Feb 64

250, 328

The Mössbauer Effect, by F. L. Shapiro, 7 pp.

RUSSIAN, per, Uspekhi Fiz Nauk, Vol LXXII, 1960,
pp 685-696.

AIP
Sov Phys - Uspekhi
Vol III, No 6

Sci

Jun 61

155,616

Measurements With a Slowing-Down-Time Neutron Spectrometer
Employing Lead. Excited Level of the He^4 Nucleus, by
A. A. Bergman, A. I. Isakov, Yu. P. Popov, F. L. Shapiro,
6 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXXIII, No 1,
1957, pp 9-16.

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

62,765

Several Possibilities of Using Polarized
Thermal Neutrons in View of Parity Nonconservation
During β -Decay, by F. L. Shapiro, 33 pp.

RUSSIAN, pexr, Uspekhi Fizicheskikh Nauk,
Vol LXV, No 1, 1958, pp 133-140.

AEC-tr-5332
PL-480

Sci
Jun 64

261,440

Cross Section of the Reaction $\text{He}^3(n,p)$ for the
Neutron Energies up to 25 kev (kilo electron Volt)
and the Excited He^4 Level, by A. A. Bergman, A. I.
Isakov, Yu. P. Popov, F. L. Shapiro, 10 pp.
UNCLASSIFIED

RUSSIAN, Phys Inst of P. N. Lebedev, Acad of Sci
USSR,

AEC/SCL-T-151

Sci - Nuc Phys

Feb 58

58,895