

61

Connection Between the Redox Potential and
Biological Activity in Post-Hog Soils, by
I. S. Lupinovich, I. N. Solovai, et al,
RUSSIAN, per, Trudy Belorussk Nauch-Issled
Inst Mollor Vod Khoz, Vol VIII, 1958,
pp 167-184.
DILL KTB 3795
On Loan Only

Sci-Agril

Sci-Agril
Jul 67

330,608

Some Mineralogical Characteristics of
Carmallite From the Starobinsky Deposit
(BED) and Potassium Salts, by Yu. I.

Luginovich. 9p.

RUSSIAN, per, Moklady, Akademiya Nauk

USSR, Vol 6, No 4, 1962, pp 247-250.

SLA TT-66-10290

Yu. I. Luginovich

Sci-X Sci

Sept 66

310,402

Testing of Analytical Weights, by A. Lupke.

GERMAN, Archiv Für Technisches Messen, No 231,
1959, pp B57-61.

C.S.I.R.O. 4600

Sci-Phys

May 60

116,177

9
The House of the Mount Lila, by Cesare Lippolli, 18 pp.
ITALIAN, pp. Rinnata, 1953 Aug, pp 17-19.
JPRS 36549

WE-Raly
Fol
Dec 64

269,926

Information About the Solarization Phenomenon, 105
IV., by H. Luppö-Cramer.
GIESSEN, H., Photographische Probleme, 1907,
pp 138-158.
ILL Ref: 5828.43 (12837)

H. LUPPO-CRAMER

Math/Eng/Sci
Mar 69

376,924

Problems of Soviet Subject Bibliography in the
Natural Sciences, by S. P. Lappov, 22 pp.

RUSSIAN, monograph, Voprosy Otrazlevoi Bibliografii
po Estestvennykh Naukam, Sbornik Dokladov na VI
Sessii Rossiyskogo Instituta Bibliotek Akademii Nauk SSSR,
2-4 Mar 1960.

MIT, Libraries
Cambridge 39, Mass.

Sci - Misc.

187, 124

Mar 62

Microscopic Study of Lead Smelting Slag For
Determining the Amount of Potentially Usable
Wasted Metal, by A. Lupu, I. Dragan.
FRENCH, per, Revista de Chemie, Vol. 11, No. 9,
1960, pp 497-504
CSIRO/No. 6940

A. Lupu

Sci -
Aug 67

355-333

Microscopic Study of Lead Smelting Slag for
Determining the Amount of Potentially Usable
Wasted Metal, by A. Lupu, L. Dragan.
GERMAN, per, Revista de Chemie, Vol 11, No 9,
1960, pp 497-504.
CSMD/No. 6940

A. Lupu

Sci -
Aug 67

335,200

Non-occupational Pneumoconiosis, by E. G. Lupa . 45
RUSSIAN, Med., Klinicheskaya Meditsina, Vol 37,
No 12, 1970, pp 107-112.
ITC 70-1349-06E

E. G. Lupa
sci/b and u
nov 70

62-17504

Lupu, N. Gh., Velican, C., and Mihaescu, C.
EXPERIMENTAL CONTRIBUTIONS REGARDING THE
ROLE OF THE NERVOUS SYSTEM IN THE REGU-
LATION OF THE SECRETORY RESPONSE OF THE
ADRENAL CORTEX TO THE ACTION OF TOBACCO
SMOKE. [1962] 35p.

Order from K-H \$43.75

K-H 8535-b

Partial trans. (p. 141-168) of unidentified mono. pub.
ed. by Acad. R.P.R., Bucharest, 1955.

DESCRIPTORS: *Tobacco, Smokes, *Nervous system,
*Adrenal glands, Secretion.

- I. Lupu, N. G.
- II. Velican, C.
- III. Mihaescu, C.
- IV. K-H-8535-b
- V. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

(Biological Sciences--Pathology, TT, v. 8, no. 8)

Office of Technical Services

TT-64-10663

Lupu, N. Gh. and Velican, C.
NON-OCCUPATIONAL PNEUMOCONIOSIS. [1963] 13p
lire/s
Order from SLA \$1.60 TT-64-10663

Trans. of Minerva Medica (Italy) 1957, v. 48,
p. 1352-1355.

I. Lupu, N. G.
II. Velican, C.

120660

(Biological Sciences--Pathology, TT, v. 11, no. 11)

Office of Technical Services

ECONOMIC IMPORTANCE OF THE FORRESTS IN
MARAMURES REGIUNE, BY D. LUPSA, D. CARPOV,
8 PP.

RUMANIAN, PER, REVISTA PADURILOR, VOL LXXVII,
NO 8, 1962, PP 449-452.

JPRS 16284

EEUR - RUMANIA
ECON
NOV 62

219724

Railroad Transportation Tariff Policy [Rumania],
by P. Lupse, (Wk Econ Rpt on EUR, 235).

RUMANIAN, per, Probleme Economice, Bucharest,
Nov 1958, pp 57-67.

CIA/FID Sum 2078

EUR - Rumania
Econ
Feb 59

80,831

The Reduction of Nonferrous Ores With
Methane, by Al. Lupu.

ITALIAN, per, Studii si Cercetari de
Metalurgie, No 4, 1959, pp 561-586.

HB 4724

Sci-M/M

Aug 63

243,487

The Coordinating Council As a Factor in Deepening Cooperation and Increasing the Effectiveness of Economic Activities, by I. Lupu, C. Lefter, and I Grigoriu, 15 pp.
ROMANIAN, per, Probleme Economice, No. 9, Sept 1966, pp. 43-55.
JPRS 38671

I Lupu

EE-Romania
Econ
Dec 66

314,232

(2498-B)

Functions of the State Bank of Rumania, by M. A.
Lupu, 5 pp.

RUMANIA, per, Finante si Credit, No 11, Bucharest,
1958, pp 19-23.

JPRS 1459-W

Star - Rumania

Star - General Economic, Finance, State bank
Apr 59

85,414

Lupu, N. C. and Velican, C.
STATE OF PULMONARY SCLEROSIS CAUSED BY
TOBACCO. [1962] 12p.
Order from K-H \$15.00 K-H 5069-a

Trans. of [Academia Republicii Populare Romine].
Buletin Stiintific. Sectia de Stiinte Medicale (Rumania)
1954, v. 4, p. 813-826.

DESCRIPTORS: *Scleroma, *Respiratory system,
*Tobacco, Smokes, Cigarettes.

(Biological Sciences--Pathology, TT, v. 8, no. 8)

62-17503

I. Lupu, N. C.
II. Velican, C.
III. K-H-5069-a
IV. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

C223181

Office of Technical Services

Lupu, N. G. and Velikan, K.
INTERSTITIAL CONNECTIVE TISSUE DURING THE
PRE-ROENTGENOLOGICAL STAGE OF TOBACCO-
AFFECTED LUNG. [1962] 21p.
Order from K-H \$26.25 K-H 11411-f

Trans. of Arkh[iv] Pat[ologii] (USSR) 1961, v. 23,
no. 6, p. 88-47.

DESCRIPTORS: *Lungs, *Tobacco, Tissues (Biology).

(Biological Sciences--Pathology, TT, v. 8, no. 6)

62-17501

I. Lupu, N. G.
II. Velikan, K.
III. K-H-11411-f
IV. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

C222883

Office of Technical Services

62-17504

Lupu, N. Gh., Velican, C., and Mihaescu, C.
EXPERIMENTAL CONTRIBUTIONS REGARDING THE
ROLE OF THE NERVOUS SYSTEM IN THE REGU-
LATION OF THE SECRETORY RESPONSE OF THE
ADRENAL CORTEX TO THE ACTION OF TOBACCO
SMOKE. [1962] 35p.

Order from K-H \$43.75

K-H 8535-b

Partial trans. (p. 141-168) of unidentified mono. pub.
ed. by Acad. R. P. R., Bucharest, 1955.

DESCRIPTORS: *Tobacco, Smokes, *Nervous system,
*Adrenal glands, Secretion.

- I. Lupu, N. G.
- II. Velican, C.
- III. Mihaescu, C.
- IV. K-H-8535-b
- V. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

C223182

(Biological Sciences--Pathology, TT, v. 8, no. 8)

Office of Technical Services

TT-64-10675

Lupu, N. Gh., Valican, C., Mihaescu, C.
EXPERIMENTAL CONTRIBUTIONS REGARDING THE
ROLE OF THE NERVOUS SYSTEM IN THE REGULA-
TION OF THE SECRETORY RESPONSE OF THE
ADRENAL CORTEX TO THE ACTION OF TOBACCO
SMOKE. [1963] 40p (2figs omitted)
Order from SLA \$3.60

TT-64-10675

[Partial] trans. (p. 141-166) of unidentified memo. pub-
ed. by Acad[emica] R[epublicii] P[opulare] R[omine]
Bucharest, 1955.
Another trans. is available from K-H \$43.75 as
K-H-8535-b [1962] 33p.

I. Lupu, N. G.
II. Valican, C.
III. Mihaescu, C.

285,458

(Biological Sciences--Pathology, TT, v. 12, no. 2)

Office of Technical Services

62-17502

Lupa, N. Gh. and Velican, C.
THE BIOLOGY OF THE SCLEROTIC PROCESS. III.
EXPERIMENTAL INVESTIGATIONS CONCERNING
THE ROLE OF CHRONIC SMOKING. [1962] 28p.
Order from: C-H 544-25 K-H 11548-d

Trans. of [Academia Republicii Populare Romine,
Institutul de Medicina Internal]. Studii [si] Cercet[ari]
de Med[icin]a Intern[al]a [1961], V. 2, p. 277-290.

DESCRIPTORS: *Atherosclerosis, Smokes, Tobacco,
*Cigarette

I. Lupa, N. Gh.
II. Velican, C.
III. Title: Experimental...
IV. K-H 11548-d
V. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

C226303

(Biological Sciences--Pathology, TT, V. 8, no. 10)

Office of Technical Services

62-17505

Lupu, N. Ch., Velican, C. and others.
-ABOCT THE ROLE OF HISTAMINE IN THE PATH-
OGENICITY OF TABAGIC PULMONARY SCLEROSIS.
Note 3 of Histamic Pulmonary Sclerosis. [1962] 13p.
Order from K-H \$17. 25 K-H 9331-c

Trans. of Probleme de Terapeutica (Rumania) 1958,
v. 9, no. 2, p. 17-27.

DESCRIPTORS: *Histamines, *Tobacco, Smokes, Path-
ology, *Lungs.

I. Lupu, N. G.
II. Velican, C.
III. Title: Histamic ...
IV. K-H-9331-c
V. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

1-56463-

(Biological Sciences--Pathology. TT, v. 9, no. 1)

Office of Technical Services

Lupu, N. G., Popescu, and Enescu.
THE ACTION OF SMOKING ON THE CARDIOVAS-
CULAR APPARATUS. [1962] 9p.
Order from K-H \$11.25 K-H 11548-e

Trans. of Med[icine] Interna (Rumania) 1961, v. 13,
p. 347-351.

DESCRIPTORS: *Circulatory system, *Smokes,
*Tobacco, Heart.

(Biological Sciences--Pathology, TT, v. 8, no. 4)

62-17500

- I. Lupu, N. G.
- II. Popescu
- III. Enescu
- IV. K-H-11548-e
- V. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

0251973

Office of Technical Services

70-13439-06B

Lupu, N. G.; Velican, C.

NON-OCCUPATIONAL PNEUMOCONIOSES. Klinicheskaya

Meditsina, v. 37, n. 12, p. 107-112, 1959. Figs. omitted.

NIH 2-39-64

Order from NTC as 70-13439-06E: HC \$ 6.70, MP \$ 5.80.

R-1157-N

Cercetari Asupra Alergieri La Ricin, by
N. Gh. Lupu, et al.

RUMANIAN, report, Cercetari Asupra Alergiei
La Ricin.

JPRS/Robt. A. Taft San. Engrg. Center

(FDD 21591)

Geographic Investigations in the Darvanesti
Basin Along the Valley of the Trotusi
(Rumania), by Neculai N. Lupu, 54 pp,

RUMANIAN, bk, Buletinul Societatii Regale
Romane de Geografie, Vol LI, Bucharest, 1932,
pp 205-251.

ESur - Rumania
Geo

CIA/FDD/U-6499

13,894

Functional Disorders of the Thermoregulatory and
Perspiration Functions in Progressive Muscular
Dystrophy and Spinal Amyotrophy in Children, by
A. I. Lupukal'n, 4 pp.

RUSSIAN, bk, Voprosy Psikhiiatrii i Nevropatologii,
No 4, 1958.

OTS 60-21174
PL-480

Sci - Med

Apr 62

PST 211

COOPERATION BETWEEN ECONOMISTS AND TECHNICIANS
FOR THE MOBILIZATION OF INTERNAL RESERVES, BY
S. LUPULESCU, 31 PP.

ROMANIAN, PER, FINANCE SI CREDIT, NO 11, 1962,
PP 17-25.

JPRS 18043

EEUR-ROMANIA
ECON
APR 63

228,198

SARTRE AND THE COMMUNISTS, BY CECILIA LUPORINI,
9 PP.

ITALIAN, PER, CRITICA MODERNA, NO 2,
MAY-JUN 1963, PP 108-110.

APR 1958

NEUR-ITALY
(COMMUNIST CULTURAL DEBATE)
POL
JUN 63

234,198

~~XXXXXXXXXXXXXXXXXXXXXXXXXXXX~~
A Case of Unilateral Anomalous, by Langer, 11 pp.
FACEDCH, part, Gynec Press, Vol V, 1934, pp 323-331.
Navy 3493/1043 921

p 72

Sci-B/M
Feb 65

274,131

63-18815

Lur'e, A. I.
THE MOMENT OF THE GRAVITY FORCES, ACTING
ON THE SATELLITE. [1963] [Sp] 3 refs
Order from OTS or SLA \$1.10 63-18815

Trans. of Prikladnaya Matematika i Mekhanika (USSR)
1963 [v. 27] no. 2, p. 377-378.

DESCRIPTORS: Mechanics, *Satellites (Artificial),
*Gravity, *Moments, Inertia, Earth, Vector analysis,
Geophysics.

The computation of the moment of forces acting on the
satellite in the field of gravity of a geoid is presented.
The moments of the forces relative to the major axes
of inertia for the satellite are computed by vector
analysis.

(Engineering--Satellite Vehicles, TT, v. 10, no. 12)

I. Lur'e, A. I.

Office of Technical Services

Three-Dimensional Problems of the
Theory of Elasticity, by A. I. Lur'e.
RUSSIAN, bk, 1964.
Interscience Publishers, New York
N.Y.

A. I. Lur'e

Sci. Phys
May 66

300,387

On His Sixtieth Birthday, by Anatolii Isakovich Lur'e,
11 pp.

RUSSIAN, per, Prikl Matemat i Mekh, Vol XXV, No 4,
1961.

Pergamon Press

Sci
Jul 64

263,674

Automation of Cylindrical Grinding Machines, by G. B.
Lur'e, P. M. Polyanskiy, 7/ 5 pp.

RUSSIAN, per, Stanki i Instrument, Vol XXXIII,
No 2, 1962, pp 17-20.

PERA

Sci

214,077

Oct 62

Selection of a Catalyst for Polymerization of 1,
3-Butadiene Obtained by Pyrolysis of oil Distillates,
by M. A. Lur'e, V. A. Ignatyuk. 5 pp.
RUSSIAN, per, Sinteticheskii Kauchuk, Vol 1, No 3,
1932, pp 12-14.
SLA TT-61-28883
SLA TT-61-20363

M. A. Lur'e

Sci/Chemistry
Jul 66

305,992

TT-61-16997

Lur'e, M. A., Marushkin, M. N., Chistov, V. O.,
and Shlosberg, M. A.
REACTION OF CUPROUS CHLORIDE WITH DIENES.

10p
Order from OTS, SLA, or ETC \$1.10 TT-61-16997

Trans. of Simnitcheskii Kauchuk (USSR) 1984 [v. 3]
no. 6, p. 13-18.

I. Lur'e, M. A.
II. Marushkin, M. N.
III. Chistov, V. O.
IV. Shlosberg, M. A.

A285086

(Engineering-Chemical, TT, v. 12, no. 3)

Office of Technical Services

Lur'e, M. A., Maruehka, M. N., Afanas'ev, M. M.,
Pimenov, A. I., and Vasil'eva, G. N.
ISOLATION OF 1,3-BUTADIENE FROM MIXTURES
WITH OTHER GASES WITH CUPROUS CHLORIDE.
18p 7reia
Order from OTS, SLA, or ETC \$1.60 TT-61-16998

Trans. of Shtetchevskii Kauchuk (USSR) 1934 (v. 3)
no. 6, p. 19-29.

(Engineering--Chemical, TT, v. 12, no. 3)

TT-61-16998

I. Lur'e, M. A.
II. Maruehka, M. N.
III. Afanas'ev, M. M.
IV. Pimenov, A. I.
V. Vasil'eva, G. N.

A285087

Office of Technical Services

The Direct Lyapunov Method and Its Application
in the Theory of Automatic Regulation, by A. I.
Lur'e, 1959

EN

RUSSIAN, per, Trudy Vsesoyuznogo
Sovetskoye na Teori Avtomaticheskogo
Regulirovaniya 1959, no 1/2-1/3

Laboratory Test of Asbestos Diaphragms in
Electrolysis of Water Solutions, by
S. N. Lar'c, B. I. Rimmer, et al.
RUSSIAN, per, Trudy Gosudarstvennyi Institut
Priladnoi Khimii, Vol XXII, 1934, pp 35-40.
SLA TF 64-20053

Apr 67

323,058

Higher Cortical Functions in Man, by Aleksandr
Roussimovich Luria,
RUSSIAN, bk, 513 pp.
Basic Books
Science News

62-26950

Lurie,
PROBLEMES ACTUELS DE LA TECHNIQUE DE
SECHAGE (Problems of Current Interest with the
Technica of Drying). 19p FR-2074.
Order from OTS, ETC or CNRS \$0.80 62-26950

Trans. in French of Vsesyuznoe Khimicheskoe
Obshchestvo. Zhurnal (USSR) 1958, v. 3, no. 6,
p. 748-752.

DESCRIPTORS: *Fuels, *Drying ovens, Industrial
plants.

(Machinery--Manufacturing, TT, v. 10, no. 10)

I. Lurie
II. F/R-2074
III. Centre National de la
Recherche Scientifique

Office of Technical Services

Data on Immunization Against Grippe With Zhdanov
Living Vaccine, by S. I. Topolyanskaya, M. S. Lev,
E. I. Lurina, A. A. Berenshtein, M. A. Gerasimov,
8 pp.

RUSSIAN, no per, Zhur Mikrobiol Epidemiol i
Immunobiol, No 9, 1954, pp 16-20.

NIH

43, 220

Sci - Medicine
Jan 1957, CTS/dex

The Mentally Retarded Child: Essays Based on
a Study of the Peculiarities of the Higher
Nervous Functioning of Child-Oligophrenics,
by A. R. Luria.

RUSSIAN, bl.

NLL (Loan)

248,577

Feb 64

TT-64-22365

Luriya, A. R.
RESTORATION OF FUNCTION AFTER BRAIN INJURY
B. Haigh, tr. 1963.
Order from PP

I. Luriya, A. R.
II. Pergamon Press, Inc.,
New York

Trans. of unidentified Russian mon., n.p., n.d.

(Biological Sciences--Neurology, TT, v. 12, no. 4)

Office of Technical Services

Luriya, A. R.
RESTORATION OF FUNCTION AFTER BRAIN INJURY
B. Haigh, tr. 1963.
Order from PP

Trans. of unidentified Russian mono., n.p., n.d.

(Biological Sciences--Neurology, TT, v. 12, no. 4)

TT-64-22365

I. Luriya, A. R.
II. Pergamon Press, Inc.,
New York

Office of Technical Services

The Subtleties of Symptomatology in the Epileptological
Diagnosis of Brain Lesions, by A. B. Lurija,
M. Ya. Ruzhitskiy, 7 pp.
RUSSIAN, Ser. Voprosy Neirofiziologii, Vol XXVII,
No 4, Feb, Aug 1964, pp 6-10.
IPRS 27612

Sci - D & M
Nov 64

242,812

Luriya, A. R. and Vinogradova, O. S.
AN OBJECTIVE INVESTIGATION OF THE DY-
NAMICS OF SEMANTIC SYSTEMS. [1961] 20p.
15 refs.
Order from OTS or SLA \$1.60 62-13784

Trans. of an article from an unidentified Russian
source, n.p., n.d.

DESCRIPTORS: *Speech, *Reaction (Psychology),
Dynamics, *Plethysmography, Psychology, Language,
Transfer of training, Adjustment (Psychology),
*Mental deficiency, Motor reactions, Blood vessels,
*Blood volume, Perception.

Photoplethysmographs of the vascular changes in the
size of the blood vessels of the head and one finger of
the left hand in responses to key words were used to
identify the dominant links of semantic systems and to
determine how the correlation of these links changes
with alteration of the normal reaction. Neutral key
(Behavioral Sciences--Psychology, TT, v. 8, no. 8)(over)

62-13784

1. Title: Semantic systems
- I. Luriya, A. R.
- II. Vinogradova, O. S.

C223129

Office of Technical Services

words were pronounced every 20 to 180 seconds, followed by words of similar sound and words connected in meaning to the key word. In a semantic system, the key word stands as the center with a signalling meaning and evokes a motor and an orienting vascular reaction. This "nucleus" is surrounded by a system of potential sense-link words which evoke orienting reactions but no motor response. In normal subjects neutral words, and words of similar sound but unrelated in meaning, do not provoke any motor or vascular reactions. In mentally retarded children, the sound resemblance of words occupies the leading position in evoking responses. Semantic systems are not of a clear conscious nature. In adults, the presence of semantic systems formed in past experience are automatic. They are not perceived at every given moment but form the background of the thought process. These systems are peculiar to the individual.

PB-

62-13784

Higher Cortical Function in Man (to be co-published
with Basic books), by A.R. Luriya.

*CB (*Available Winter 1965*)

Sci
May 64

HIGHER CORTICAL FUNCTIONS IN MAN, BY A. R. LURIYA,
7 PP.

RUSSIAN, PER, VYSOKIYE KORRYNATNYE FUNKTSII
(MOSKVA, 1962, PP 395-397, 430-432).

JPRS 19590

SCI - BICL/RED SCI

JUL 63

235, 287

VARIABILITY OF MENTAL FUNCTIONS IN THE COURSE OF
DEVELOPMENT OF THE CHILD, BY A. R. LURIYA,
V PP.

RUSSIAN, PER, VOPROSY PSIKHologii, NO 3, 1962,
PP 15-22.

JPRS 16404

SCI - MED

DEC 62

218,036

Neuropsychology in Local Examination of Brain
Examination, by A. B. Lurija, 16 pp.
RUSKIAN, par. Vagney Path, Vol II, No 2.
1964, pp 1-11.
SPR 12393

Sci - 12393
Sd 04

213,137

25
New Pipe Coupling Designs, by Yu. L. Luchevich, 5 pp.
RUSSIAN, par, Transp. & Commun. & Mail & Cars,
No 11, 1964, pp 9-11,
ACN 5-5573
EI 130400764

Sci - Eng
Jan 66

270,812

Clinical Experience with a New Theophylline Compound (Hydroxyethyltheophylline),
by O. W. Lerman, G. Duran, Jr.

GERMAN, part, Deutsche Medizinische
Wochenschrift, Vol 77, 1952, pp 15-17.

SLA 77-65-10710

O. W. Lerman

333, 637

Sci
Jul 67

S-085/64

Review of the book by A. A. Aizerman, and
F. A. A. Gantmakher, Titled Absolyutnaya
Ustoychivost' Reguliruyemykh Sistem, (Absolute
Stability of Regulated Systems, Publication
of the Institute of Automatics and Telomechanics,
Academy of Sciences USSR, 140 pp. 1962, by
A. I. Lur'ye, 2 pp.

RUSSIAN, per, Vestnik Ak Nauk SSSR, No 3, 1964,
pp 149-150.

FBI/DC-10650

See - Misc
Jul 64

72
"Theoretical Mechanics" and Modern Engineering,
by Professor A. I. Lur'ya, 6 pp.
RUSSIAN, pub, Vostok Vyschey Shkoly, No 5, 1961,
pp 25-29.
JPRS 25538

Sch-lager
Apr 65

277,705

Programming of Thrust for Space Vehicle Move-
ment in Central Field of Gravitation, by
A. I. Lur'yo.
RUSSIAN, bk, Programirovaniye Sily Tyagi V
Tsentral'nom Pole Tyagoteniya, pp 1-60.
*FTD-MT-65-124

Sci-Aero
May 65

Stress Concentration in the Neighbourhood of an
Opening on the Surface of a Circular Cylinder, by
A. I. Lur'ye.

RUSSIAN, per, Prikl Matemat i Mekh, Vol X, No 3,
1946, pp 397-405.

NEL M. 4813

Sci - Engr

Jul 62

201,789

245, 135
Minimum Quadratic Criteria for Control System Quality,
by A. I. Lur'ye, 9 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, Tekh
Kibernetika, No 4, 1963, pp 140-146.

JPRS 22224

Sci
Dec 63

245, 135

NOV. 61.

Some Non-Linear Problems in the Theory of Automatic Control, by A. I. Lur'ya, 166 pp.

RUSSIAN, monograph, Nekotoryye Nelineynyye
Zadachi Teorii Avtomaticheskogo Regulyirovaniya,
Moscow, 1951, 176 pp. 9094222

SLA -61-19667

Sci - Phys

175,071

Nov 61

44

Determinations of Constraints in a System of Rigid
Bodies, by A. I. Lur'ya, 10 pp.
RUSSIAN, per. in Akhmat 1969, Otdel Tekh. Mekh.,
Mekh. i Mash. No 1, 1969, pp. 41-46. 9493260
FUD-TT-65-43

Equations of Perturbed Motion in the Kepler
Problem, by A. I. Lur'e, 4 p.

RUSSIAN, per, Prikl Matemat i Mekh, Vol XXXII,
No 2, 1959, pp 412-413.

PP

8411

Feb 60

106,960

Some Non-Linear Problems in the Theory of
Automatic Control, by A. I. Lurye.

RUSSIAN, per, Gos Izdat Tekh Teor Lit.

T.I.L. R-4461

D.S.I. R-4497

Sci - Physics

43,292

A. N. Gbol'denvisser, and A. I. Lur'e

The mathematical theory of the equilibrium of
elastic shells, 54 pp

RUSSIAN per, Prikladnaya Matematika i Mekhanika
1947, Vol 11, pp 565-592

Sci Museum Lib, No 52/0992

AEC TR 162.
AMER Math Soc TR T-2.
A-3324

62-13252

Lur'e, A. I.
CONCENTRATION OF STRESSES IN THE VICINITY
OF AN APERTURE IN THE SURFACE OF A CIR-
CULAR CYLINDER, tr. by N. Brunswick. Nov 60
[19]p. IMM-NYU 280; AD-250 308.
Order from OTS or SLA \$11.60 62-13252

Trans. of Prikladnaya Matematika i Mekhanika
(USSR) 1946, v. 10, p. 397-406.

DESCRIPTORS: Cylindrical bodies, Stresses,
Structural shells, Shear stresses, Theory, Mathe-
matical analysis.

The equations of the theory of cylindrical shells used
in the present paper are of an approximate character.
They are based on the fact that the displacements u and
 v in the middle surface are neglected in computing the
curvature and twist of the shell; the latter are ex-
(Mechanics, TT, v. 7, no. 9) (over)

- I. Lur'e, A. I.
- II. IMM-NYU-280
- III. Institute of Mathematical
Sciences, New York U.,
N. Y.
- IV. AD-250 308
- V. Contract Nonr-285(42)

267856

Office of Technical Services

Equations of Disturbed Motion in the Kepler
Problem, by A. I. Iur's, 4 pp.

RUSSIAN, bk, Izvestvennyye Sputniki Zemli, No 4,
1960.

Plenum Press

In CIA Lib
Sci - Space Res
Jun 61

153, 439

On Some Problems of Calendar Planning, by A. L.
Lur'ye, 10 pp.

RUSSIAN, per, Problemy Kibernetiki, No 7, 1962.

JPRS 20790

Sci

Aug 63

343,328

Algorithm for Solving a Transport Problem by
Approximating With Conditionally Optimum Plans,
by A. L. Lurye, 13 pp.

RUSSIAN, bk, Vychislitel'naya Matematika,
No 7, 1961, pp 151-160. 9680520

FTD-TT-62-1498

Sci-Much
Apr 63

229,455

The Problem of the Genesis of Barites of the Sumsar-Zinc-Lead Deposit, by A. M. Lur'e, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 6, pp 1296-1299.

AGI

Sci

June 1961

153, 345

The Association of the Increased Concentration of
Lead and Manganese with Cyclic Sediment --
Accumulation in the Devonian Deposits of the Chertov
Range, (The Gorn-Kassan Interfluve), by A. M. Lushin,
6 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 1,
1958, pp 145-147.

CB

Sci
Feb 60

106,895

Experiments in a Study of Diffusion of Silver Ions
and Lead Ions in Silver Bromide, by A. Murin,
E. Lurie, 6 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol XCIX, No 1, 1954, pp 53-55.

EX CIA/FDD/KX-104
CIA INTERNAL USE ONLY

Scientific - Chemistry

32,497
Mar 56 CTS/DEX

1AC INTERNAL USE ONLY

Electrical Conductivity and Self-Diffusion of
Silver in Argentous Iodide at High Pressures,
by A. N. Mirin, B. G. Lur'ye, 5 pp.

RUSSIAN, per, Fiz Tverdogo Tela, Vol III, No 11,
1961, pp 3299-3305.

AIP

Sov Phys - Solid State
Vol III, No 11

Sci

202,859

Jul 62

Study of Isotopic Exchange in Systems Containing Silver
Halides, by A. V. Murin, B. G. Lur'ye, 8 pp.

RUSSIAN, Zhur Georg Khim, Vol II, No 8, 1957,
pp 1051-1055.

ABC-tr-4058

PL-480

Sci

Apr 61

PST No 85

145,258

A Method for the Physical Realization of an Ideal
Power Transformer, by E. V. Zalyakh, B. Ya,
Lurya, 11 pp.

RUSSIAN, per, Radiotekh i Elektron, Vol V, No
12, 1960, pp 1895-1901.

SI 77

Sci
May 62

194,637

Criteria for the Automatic Periodical Truing
of Grinding Wheels, by G. B. Lur'ye, 3 pp.

RUSSIAN, per, Vest Mashinostroy, Vol XLI,
No 6, 1961, pp 60-62.

PERA

Sci.

201,609

Jun 62

(NV-4854)

Our Experience in Improving a Standard Ultrashort
Wave Transmitter, by G. V. Lurie, 10 pp.

RUSSIAN, per, Vestnik Svyazi, No 6, 1959.

JPRS 5991

147,537

Sci

Apr 61

(NY-3000)

CONCERNING THE PRODUCTION OF ELECTOTECHNICAL
STEEL AND ALLOYS IN THE ARMENIAN SSR, BY I. LUR'YE,
A. ISUKIASHYAN, 11 PP.

RUSSIAN, PER, PROM' ARMENII, NO 3, 1962,
PP 10-14.

JPRS 13843

USSR
ECON
SCI & MIN/MET
MAY 62

197,313

Development of Steelmaking Units and Shops in the
USSR, by I. N. ~~Luria~~, 9 pp.

RUSSIAN, per. Stal, No 11, 1962, pp 983-993.

BISI

Sci

Feb 63

233,815

Capacitive Analyser for Sound Field, by V. A. Zverev,
V. M. Bokov, I. E. Laure, 3 pp.

RUSSIAN, qu per, Akust Zhur, Vol I, No 3, 1955,
pp 218-220.

Amer Inst of Phys
Sov Phys-Acoustics
Vol I, No 3, § 4

58, 032

Sci - Physics
Jan 58

The Development of Direct Iron Extraction
Methods, by I. L. Lur'e, 5 pp.

RUSSIAN, per, Stal, No 11, 1959, pp 1048-
1053.

BISI

Sci

May 60

117,017

Mathematical Modeling of a Gas Turbine
Engine With the Use of a Real Fuel
Apparatus, by I. Yu. Lurye, 8 pp.
RUSSIAN, per, Sudostroyeniye, No 12,
1964, pp 24-26. P100063667
ITD TT 05-1989

I. Yu. Lurye

Sci-Prop and Fuels
Index 67

320,771

Mathematical Modeling of a Gas Turbine Using
Local Fuel Supply Equipment, by I. Yu. Lur'ye,
8 p.

ISSUED, per, Sudostroyeniye, No 12, 1964,
pp 24-26.

"ITP-IT-65-1989

I. Yu. Lur'ye

Sci-Engg
Jan 66

Method of Hamilton--Jacobi in Variation Problems
With Partial Derivatives, by K. A. Lur'ye, ,
15 pp. POST EDITED

RUSSIAN, per, Prikl Mate i Mekh, Vol XXVII, No 2,
1963, pp 255-264. 9694816

FTI-MT-64-224
GOV'T USE ONLY

Sci - Math
Sept 64

267,278

The Problem of Plane Flow of an Incompressible Liquid
of Finite Conductivity Around a Solid Body, in the
Case of a Magnetic Field Perpendicular to the Flow,
by K. A. Lur'a, 7 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXX, No 9, 1960,
pp 1035-1040.

AIP
Sov Phys Tech Phys
Vol V, No 9

Sci

Apr 61

144,381

The Stability of a Cylindrical Plasma Conductor
with Volume Current, by Yu. V. Vandakurov,
K. A. Lur'e, 4 p.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXIX, No 9,
1959, pp 1170-1172.

Amer Inst of Phys
Sov Phys-Tech Phys
Vol IV, No 9

Sci

112, 416

Apr 60

Migration of Barium and Strontium During Wall
Rock Alteration $\pm$ at the Zambarak Ore Deposit, by
L. M. Lun'ye, 2 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Earth Science
Sections, Vol CXLIX, No 1-26, Mar, Apr 1963.

Amer Geol Inst

Sci
Jul 65

Petroleum as a Source of Raw Material for
Preparation of Rubber-Foaming Compounds, by
M. A. Lur'ya.

RUSSIAN, per, Uspekhi Khim, Vol IX, No 6, 1940,
pp 609-628.

OTS 61-16874

Sci
Mar 62

189,527

Vol VIII, No 2

Lur'e, M. L. and Masaitis, V. L.
MAGMATIC PROCESSES OF THE SIBERIAN PLAT-
FORM (Magmatizm Sibirskoi Platformy). Sep 61 [31]p.
36 refs. RTS 1890.
Order from OTS or SLA \$3.60 61-28032

Trans. of Sovetskaya Geologiya (USSR) 1959, no. 4,
p. 50-66.

DESCRIPTORS: *Siberia, Rock, Minerals, Crystalliza-
tion, Geological survey, Geological time, *Geology,
Geophysics, Petrology, Volcanoes, Shales, Granite,
Shales, *Earth.

(Earth Sciences--Geology, TT, v. 6, no. 10)

61-28032

- I. Title: Magmatic processes
- I. Lur'e, M. L.
- II. Masaitis, V. L.
- III. RTS-1890
- IV. Department of Scientific
and Industrial Research
(Gt. Brit.)

Office of Technical Services

Variation of the Dielectric Constant of Polycrystalline
Piezoelectrics With Time Under the Influence of a
Mechanical Load and a dc Electric Field, by M. S.
Kur'ie, 5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXI,
No 3, 1957, pp 439-443.

Columbia Tech

Sci - Physics
Jul 58

66,618

δ -Lactones. XII. Synthesis and Properties of 6-Phenyl-3,4-Dihydro- α -Pyrone, by M. Yu. Lur'e, I. S. Trubnikov, N. P. Shusherina, R. Ya. Leyina, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII, No 5, 1958, pp 1351-1354.

Consultants Bureau

Sci - Chem

Jul 59

93, 311

Alkylation With Olefines in the Presence of
Aluminum Chloride, Communication II., 15 pp.
by S. I. Lur'e, A. Ya. Golovacheva
RUSSIAN, no per, Zhur Obshch Khim, Vol XIII,
No 3, 1943, pp 195-201.

Sci Tr Center
RT-3854

37,882

Sci - Chemistry

Aug 1956

ALKYLATION WITH ALUMINUM CHLORIDE
Aluminum Chloride. Communication I, by S. I. Lurie
A. Ya. Golovacheva, 12 pp.

RUSSIAN, no per. Zhur Obshch Khim, Vol XIII, No 3,
1943, 189-194.

Sci Tr Ctr RT-3853

Sci - Chemistry
Aug 56 CTH/dex

37,543

Clinker
Burning of Portland Cement ~~2000000~~ With Oxygen-
Enriched Air, by Yu. S. Lur'e, G. S. Val'berg,
29 pp.

RUSSIAN, per, Kislorod, Vol IV, No 4, 1947, pp 14-
26.

Sci Trans Center
RT-1579

Scientific - Engineering

14,707

Dec 54 CTS/DEX