

81
On Some Numerical Methods for the Calculation
of the Time Behaviour of a Network, by
W. Entenmann, M. Walsenbach.
GERMAN, per, H.I.Z., Vol 20, No 8, 1967.
pp 479-483.
NLL Ref: 5207 (1283)

W. ENTENMANN

Sci-Math
Jan 69

373.571

Fundamental Leveling Net of the USSR, by
I. I. Rutin.
RUSSIAN, per, Ceodesiya i Kartografiya, No 10,
1967, pp 32-37.
SACIC TC-1474

72

I. I. Rutin

Sci/Sar Sci
3ep 68

Effect of Progressive Loading on the Properties
of 1020FC Steel, by I. A. Gindin, S. I. Entin.
RUSSIAN, per, Reprints Abstracts, 1961,
Vol 17C, No 3, 1964, pp 500-507.
Am Inst Phys
Vol 15, No 1, July 1960

R. I. ENTIN

Aug 68

33,251

Ways to Increase the Strength and Elasticity of
Structural Steels, by G. V. Kuryanov and R. I.
Entin, 8 pp.
RUSSIAN, per, Vestnik Akademi Nauk USSR, Vol 37,
No 8, Aug 1967, pp 80-86.
JPRS 43510

Sol-cat
Dec 67

R. I. ENTIN

346.739

Changes in the Synapses in the Optic Cortex 33
Associated With Blood Loss, by T. I. Entin.
27 pp.
RUSSIAN, per, Arhiv Anatomii, Gistologii i
Embriologii, Vol 48, No 6, 1965, pp 3-11.
CP511 TT-66-S1069

T. I. ENTIN

Sci/84
Apr 67

322,418

Influence of some factors in basic oxygen furnace
operation upon the hear of periclase-spinellite 97
Erica Linings, by V.I. Lifshits, V. I. Entin.
Metallurg, Ser. Metallurgy, Vol 31, No 12, 1966,
pp 27-32.
No 7057

V. I. ENTIN

sci/materials
or 07

318,038

Viscosity of the Liquid Phase in Portland Cement
Clinker, by P. P. Dudnikov and Z. B. Entin
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 3,
Sept 1967, pp 665-667
CB

Z. B. ENTIN

Aug 68

362,061

~~121~~
121
Control of Mesons from Nucleons in the
Range of Accelerator Energies,
by I. ENTRY, A. Sakroye.
POLISH, per, Postepy Fiz., Vol 16, No 3,
1965, pp 257-278.
*ABC OCNL-TR-1151
RDC April 14, 1966

I. Entry

Sci-Phys
Apr 66

Spin Correlations in EuS, by A. Quattropani,
C. P. Enz.
GERMANY, per, Helvetica Physica Acta, Vol 41,
No 6/7, 1968, pp 1109-1112.
(98)-69-180-GILL-0017/Lin
Available from NLC

C. P. Enz

May 69

380,400

Marked Enigma
CONTINUED PAGE OF THE ENIGMA DELETED,
BY [REDACTED]
GROSS, J. [REDACTED], East Berlin,
15 Dec 71, pp 4-5.
JPRS 55096

70b 72

P. Enzmann

kollidon Storage in Liver Biopsies, by P. Enzmann.
GERMAN, per, Virchows Arch Abt A Path Anat, Vol 347,
1969, pp 143-152.
ATS-1535-GJ

April 72

Tar Stabilization of Sand Soils, with Particular Reference to the Tar-Pectacrete Method, by G. Paulmann, W. T. Zoepf.
GERMAN, per, For Bauingenieur, Vol 42, No 2, 1967.

CIA X-6818

Dec 68

371,007

A Study of the Methods of Totalling Dis-
comfort Stars, by N. N. Epaneshnikov,
USSR, per, Svetotekhnika, Vol XI, no 6,
1965, pp 1-5.
ALL SIBS (1355)

102

sci-secj
Apr 67

334,102

52
Test for Absolute Stability of Multiply-
Connected Pulse Systems with Nonstationary
Characteristics of Nonlinear Elements, by Ya.
E. Tsypkin and M. S. Epelman, 5 pp.
RUSSTAN, per, Elektricheskaya Tekhnika,
Vol. 165, No 1, 1965, pp. 51-54.
JPRS 33317

M.S. Epelman

USSR
Sci-Electronics
Jan 66

875,040

79
Calculation Work on Whistery Humans, by
C. Ephremidis.
OSINT, part, Fortune Editor International, Vol 16,
Mar 1966, pp 171-174.
OSINT 5163

C. Ephremidis

Sci - Mechanical, Industrial, Civil,
and Marine Engineering
Ev 66

Calculation Work on Vibratory Screens, by
C. Ephremidis.
GERMAN, par, Fordean Ephen, Vol 16, Mar 1966,
pp 172-174.
BISI 5163

C. Ephremidis

31A, 788
Sci - Mechanical, Industrial,
Civil, and Marine Engineering
Jan 67

HORMONES and the Reproductions of Cells, by
O. I. Epifanova,
RUSSIAN, bk. Gormony i Razmnozhenie Kletok.
1965, 240 pp.
*UTSTI TT 67-51401

O. I. Epifanova

Sci-BQM
Jan 67

65
Certain Properties of Carbide and Boride
Diffusion Coatings of Refractory Metals,
by A. P. Epik, G. A. Bovkun, I. V. Golubchik
and L. P. Sinitina, 15 pp.
RUSSIAN, monograph, Diffuzionnyye Pokrytiya
na Metalloch, 1965, pp. 127-142.
JPRS 33902

A. P. Epik.

UBBL
Sci-M/M
Feb 66

295,235

Fourth Seminar of the Department of Physical
and Technical Problems of Material Science,
Academy of Sciences Ukrainian SSR, by A. F.
Epik, 9 pp.

TOSKIN, per, Metallorodinnia Ternopolshchyna
Onychoha Metalloy, No 1, Jun 1965, pp. 62-64,
JPRS 30696

USER

Sci-M/A
Jun 65

281,603

Separation Process Utilizing at Least One ⁷²
Layer of Adsorption, by J. L. Robertson,
W. R. Epperly.
BELGIAN, Patent No 667,541.
NTC 69-10815-07A

W. R. Epperly

Sci-Chem
May 69

4
382,898

102
The Behaviour of Multi-Component Alloys on
Thermal-Fatigue Stressing, by W. Epprecht.
GEMAS, par. ~~Zeit. für Metallkunde~~, Vol 59,
No 1, 1968, pp 1-12.
MLL Ref: 9022.4 (68/68)

W. EPPRECHT

Sci-Phys
Jan 69

372.599

EPSE, W. and HIX, P. On the practice of using titanium-
ion atomizer pumps in the manufacture of transmitter valve
Proc. Int. scient. Symp., 12th, Ilmnau, 1967. pp. 101-8.
(AWA)

Sales of Clothing, by B. Epstein, 6 pp.
RUSSIAN, per. Sovetskaya Potrebital'skaya
Kooperatsiya, No 1, Jan 1967, pp. 31-34.
JPRS 39959

USSR
Econ
Mar 67

319,400

6

Distribution of Industrial Enterprises in the
Various Regions, by A. Epshteyn, 11 pp.
RUSSIAN, per. Plannovershnik, No 8, Aug
1967, pp 68-73.
JPRS 42679

A. Epshteyn

USSR
Leon
Oct 67

340,781

The Organization and Content of Vocational
and Polytechnical Training in the Higher
Secondary School Classes, by K. A. Ivanovich
and J. A. Epshteyn, 14 pp. 14

RUSSIAN, per, Sovetskaya Pedagogika, No 4,
1966, pp. 23-31.
JPRS 37339

D. A. EPSHTEYN

USSR
Soc
Oct 66

312,563

Tools for Cold Extrusion of Tubing
From Aluminum Alloys by G. G. Epshteyn,
K. I. Melkov.
RUSSIAN, per, Tsvetnyy Metally, No 5, 1966.
pp 75-79.
*FTD HT 23-931-67

86

G. G. Epshteyn

Sci-Materials
Jun 67

Cavitation — Is It Only Bad?, by L. Epshteyn, 7)
10 pp.
RUSSIAN, per. Tekhnika - Sotrudestviye, No 8, 1965.
pp 5-6. P100121868-V
PFD-WT-67-254

L. Epshteyn
Sci/Mech, Ind, Civ & Mar Engr
Jul 68 360,104

Operating Computer System "Trohat", by
B. S. Mikhalov and V. L. Spinkov,
REKON, rpt, Automaticheskaya Operativnaya
Reshaya Prikladnaya Matematika, 1965,
pp 134-140. P1001226
FD-302-66-613

54

Sci-Electr & Elect Eng
Feb 67

318,934

35

Where is Private Enterprise Headed?,
by Gregorio Eguiguren, 11 pp.
SPANISH, per, Ercilla, Santiago,
31 Jan 68 and 7 Feb 68, pp. 8-9 of
each issue.
JPRS 44,712

LA(Chile)
Economic
March 68

352,767

Gregorio Eguiguren

Electron-Diffraction of the NaAlF_4 Molecule, by
V. P. Spiridonov, Ye. V. Erokhin.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 180, No. 1,
May, 1968, pp. 161-163.
Cb

Ye. V. Erokhin

Jan 69

373-415

Heat Calculation For Resistances Operating Under Short-
Time Rating, by S.F. Ervtsov, K.A. Politaky.
HUNGARIAN, per Elektrotechnika, No. 3, 1965, pp 47-49
OB 153/1362

S. F. ERVTSOV

Sci -
Aug 67

339-361

ERB H

GW

SAVORY AND BOVINGTON

KAMPFTRUPPEN 1971 NU 6 PP 182-184

FSTC-HT-23-2378-72

EKB H

GW

RUSSIA'S ROADS PLANS FOR EXPANDING ROAD NETWO
RK

SOLDAT UND TECHNIK FEB 72 ISSUE 2 VOL 15 PP 7
2-74

FSTC-HI-23-2406-72

**Theater: A Program for the Thermodynamic
Calculation of Systems for Steam-Cooled Nuclear
Reactors, Basic Theory and Program Description,
by F. Erbacher. 200 pp.
GAMMA, rpt. ~~NY-624~~
AEC-CONF-65**

65

F. Erbacher

**Sci-Med Sci
Oct 70**

Reconstruction and Development of the
Electric Power Distribution Network,
by Pavel Erban, 15 pp.

GOVERNMENT USE ONLY

CZECH, per, Energetika, Vol 1968,
No. 1, Prague, Jan 68, pp. 1-6.
JPRS GUC 2750

Sci-Energy Conversion
(Non-Propulsive)
April 68

Pavel Erban

355,185

58
Hemagglutinating Properties of Foot-and-Mouth
Disease Virus, by D. Brogovic, G. Rajstoric,
5 pp.
CROATIAN, por, Acta Veterinaria, Belgrade, No 2,
1968, pp 53-56.
JPRS 46606

Sci-8 and
Oct 68

367,860

D. Brogovic

G. Ercole
Intermittent Heating of Premises, by G. Ercole.
ITALIAN, per, Condizionamento dell'Aria, Vol 10,
May 1966, pp 239-244.
O. A. trans 580

sci/mochan ongr
Nov 71

60
Science and Agricultural Production, by Ferenc
Erdi, 6 pp.
HUNGARIAN, per, Magyar Tudomány, No 4, Apr
1965, pp. 279-281.
JPRS 31151

EE-Hungary
Sci & Sci Org.
Aug 65

883,961

50

National Plant Protection Forecasting
Network Begins, by Sandor Erdel, 6 pp.
HUNGARIAN, no, Magyar Mezőgazdaság,
Budapest, 31 July 1968, pp 14-15.
JPRS 46439

Sci/Agr
Oct 68

364,389

Sandar Erdel

28

The Development of Science in the Hungarian People's Republic, by Fibor Erdei-Grus, 6 pp.
RUSSIAN, per, Vestnik Akademii Nauk SSSR, No 8, 1965, pp 51-55.
JPRS 32969

Erdei-Grus

HE - Hungary

Room

Oct. 65

290,437

25

Pasture Resources and Opportunities to Use
them Properly, by Geobotanists G. Erdene-
jab and I. Tuvragch, 5 pp.
Sov. Geobotanist, per, Hayn Ar'eral, No 7, Jul
1965, pp 30-33.
ISSN 3265.

1. - Mongolia

1965

Nov 65

Geobotanists G. Erdenejab

273,029

On the Solvability of Some Equations in Dense
Sequences of Integers, by P. Erdos,

A. Sarkozl.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176,

No 3, 1967, pp 541-544.

Am Math Soc

Vol 8, No 5, 1967

P. ERDES

Nov 68

354,288



28

Secretary Reports on Academy of Sciences, by
Tibor Erdey-Gruz, 14 pp.
HUNGARIAN, per. Magyar Tudomány, Budapest, June
1969, pp 335-346.
JPRS 48554

TIBOR ERDEY-GRUZ

Sci-Soc and . of Organ
Aug 69

388,303

Report of the President of the Hungarian
Academy of Sciences, by Tiber Bolyai-Gros,
24 pp.
HUNGARIAN, par, Magyar Tudomány, No 4, Apr
1965, pp- 239-252.
JPRS 31151

130

EE-Hungary
Sci & Sci Org.
Aug 65

283,957

99
Report of the Presidium at the 1967 Meeting of
the Hungarian Academy of Sciences, by Tibor Erdely-
Grusz, 33pp.
HUNGARIAN, per. Magyar Tudomány, Vol 12, No 6,
June 1967, pp. 355-380,
JPRS 42384

Tibor ERDEY-GRUZ

EE-Hungary
Sci-disc
Sept 67

378,066

Academy Institutes Revises Contract Regulations,
by Tibor Erdely-Gruz, 5 pp.
HUNGARIAN, par, Abadnai Kozlony, Budapest,
20 Sept 1968, pp 210-212.
JPRS 46,879

TIBOR ERDEY - GRUZ

Sci/Misc
Dec 68

354,596

7-
Current Problems of the Academy Discussed, by
Tibor Erdely-Graz, 5 pp.
MAGYAR TUDOMÁNY, Budapest, Oct 1968,
pp 605-608.
JPRS 46903

Soc-Sci and Sci Organ
Dec 68

Tibor Erdely-Graz

353.924

Tasks of Our Research Institutes in the Train-²⁰
ing of Specialists and Skilled Workers, by
Tibor Erdey-Grusz, 6 pp.
HUNGARIAN, par, Magyar Tudomány, Vol LXXII,
New Vol X, No 10, Oct 1965, pp. 623-627.
JPRS 34003

TIBOR ERDEY-GRUZ

EE-Hungary
Econ
Feb 66

295,294

Report to the 1968 General Assembly of the Academy, ¹³¹
by Tibor Erdey-Gruz, 14 pp.

HUNGARIAN, per. Magyar Tudomány, June 1968, pp 342-
353.

JPRS 46302

sci-disc

sep 68

365,673

Tibor Erdey-Gruz

LASZLO ERDLEY

HU

RETENTION INDICES IN GAS CHROMATOGRAPHY ARE C
ALCULATED

MAGYAR KEMIAI FOLYOIRAT 1970 NO 1 PP 49-50

FSTC-HT-23-0124-73

LASZLO ERDLEY

HU

RETENTION INDICES IN GAS CHROMATOGRAPHY

MAGYAR KEMIKUSOK LAPJA 1971 NO 2 PP 68-72

FSTC-HT-23-0125-73

90

Investigations with the Electron Probe Micro-
analyser into the Causes of Heterogeneity of
the Weld Metal in the Welding of Austenitic
Steels, by F. Erdmann
COMMON, per, Archiv Eisenhüttenwesens, Vol 39,
No 2, 1968, pp 159-163.
EB 7411

Sci-Materials
Aug 68

362,121

F Erdmann

917
Measurement of Permanent Magnet Characteristics
Using a New Analogous Precision Technique, by
P. Erdmann, E. Stabelain.
GOSMAN, per, Zeit Angew Phys, Vol 26, 1969,
pp 178-182.
MLL Ref:9022.401 (76-860)

P. ERDMANN

Sci-Phys
Feb 70

401,455

S. F. Erdmann

Optimization of the Nuzzle Form
and Determination of the Local
Flow Direction by means of
Measured Velocity Distributions
in the Supersonic Region, by
S. F. Erdmann.

GERMAN, per, Zeitschrift fuer Flug-
wissenschaften, Vol 15, 1967,
pp 305-311
NTC 72-11857-01A

June 72

Optimization of the Nose Form and Determination
of the Local Flow Direction by Means of Measured
Velocity Distributions in the Supersonic Region,
by S. F. Erdmann.
GERMAN, per, Zeitschrift für Flugwissenschaften,
Vol 15, No 8/9, 1967, pp 305-311.
NASA TT F-11,537

GOVERNMENT USE ONLY
Sci/Phys APR 68

351,419

W. Erdmann

A New Method for the Contactless Transmission of
Measuring Data, by W. Erdmann.
GERMAN, per, Elektro-Anzeiger, No 18, 1968, pp 9-25.
NTC-71-11887-09C

Nov 71

Some Effects of Defects in Hard Metals, by
F. Erdmann-Jesnitzer.
GERMAN, per, Metall, Vol 22, 1968, pp 108-112.
*RTIS/NBS TT 71-55148
Available NBS Only

F. ERDMANN-JESNITZER

June 71

92
Fundamentals of Magnetic Pulse Welding, by F.
Ludmann-Josmitzer and E. Keustel.
GERMAN, per. Schweissen and Schneiden. Vol 19.
No 1, 1967, pp 2-9.
RB 7216

Scient
Mar 68

349.299

F Ludmann-Josmitzer

Studies of the Hydromechanical Stress Caused by *J*
Impact of Drops, by F. Erdmann-Jesnitzer,
R. Laschke.
GERMAN, per, Arch. Eisenh., Vol 37, No 12,
December 1966, pp 997-1012.
BISI 6786

F. Erdmann-Jesnitzer

Sci-Mat
Apr 69

379,737

Investigations by means of the electron beam
microprobe on the causes of the heterogeneity
of welds when welding Plain Carbon and Low Alloy
Steels, by F. Erdmann-Jesintzer & P. Kraljic.
GERMAN, per, Arch. Eisenh., Vol 39, Jan 1968,
pp 77-87.
*ISI 6396

F Erdmann-Jesintzer
Sci/At
May 68

82
83
Studies with the Electron Probe Microanalyzer
of the Causes of Inhomogeneity of Weld Deposits
When Welding Austenitic Steels, by
F. Erdmann-Jesnitzner.

GERMAN, per. Arch Eisenh., Vol 39, Feb 1968,
pp 159-163.
*HB 7411

Sch-Mat
May 68

F Erdmann-Jesnitzner

Studies of the Causes of Weldment Inhomogeneities
of Plain-Carbon and Low-Alloy Steels with the
Electron Microprobe, by F. Erdmann-Jennetzer and
P. Kraljic.

GEYMAN, per, Arch. Eisenh., No 39, Jan. 1968,
pp 77-87.
ISI 8755

sci/mat
nov 70

F. Erdmann-Jennetzer

91
**Study of Corrosion Products and Deposits in
Copper and Copper Alloy Condenser Tubing
Using X-ray Diffraction and Infra-red Spectro-
photometry, by E. Hefes.
GMSMAN, per, Werkstoffe und Korrosion, Vol 19,
1968, pp 385-394.
RLS Ref: 9082.4 (68/225)**

**Sci-Materials
Oct 69**

395,889

67

The Production of Bright Palladium Deposits, by
E. Erdos, E. Jasko.
HUNGARIAN, rpt. Electroplating Symposium, Society
of Mechanical Engineers, Budapest, Dec 1960, 11 pp.
Ref: 9022.4 (67/43)

Sci-sec engr E. ERDOS
Aug 60

361,865

Absolute Counting of Radionuclides by the Beta-
Gamma Coincidence Method Using a Liquid Scin- 87
tillator as Internal Beta Detector, by
G. Erdtmann, G. Herrmann.
GERMANY, per. Intern. J. Appl. Radiation Isotopes,
Vol 16, 1965, pp 301-318.
*AEC MEMO

G Erdtmann

Sci/Nuclear Sci
Nov 60

511,553

Absolute Counting of Radionuclides by the
Beta-Counter-Coincidence Method using a
Liquid Scintillator as Internal Beta-Detector,
by G. Erdmann.

Sci. Ser., International Journal of Applied
Radiation and Isotopes, Vol XVI, 1965,

pp 301-318. 9232121

ALC-NP-Tr-133a

Erdmann, G.

Sci - Elec

Mar 66

207,808

ya. Ero

Matrix method for the calculation of ion tracks.
Admittance of the external beam of the IAF cyclotron
in Bucharest, by Ya. Ero, T. Taut. 17 pp.
ROMANIAN, per, Revue Roumaine de Physique, Vol 14,
No 10, 1969, pp 1121-1134.
AIR/PTD-ET-24-1084-71

may 72

Participation of Phospholipids in the
Reactions of the Respiratory Chain,
by M. Erecinska, Tadeusz Chojancki.
POLISH, per, Postepy Biochemii, No 7,
1966, pp 535-545.
NASA TT F-10,886

M. ERECINSKA

GOVERNMENT USE ONLY
Sci-Chem
June 67

325,067

Precipitation of Phospholipids in the Reactions ⁵³
of the Respiratory Chain, by Marie Brecliuska.
POLISH, per, Postępy Biochemii, no 7,
1966, pp 538-545.
*OASD IT-F-10880

Sci - Gen. B.M. Brecliuska
Apr 67

Distribution of Adsorbed Particles
on the Surface of Silicon p-n Transistors
by Serun, Eremenko, 8 pp.
UKRAINIAN, per, Ukrainskiy Fizichnyi
Zhur, Vol I, No 1, 1965, pp 111-118.
AESI 1-8386 C
ID 2204014764

Sci-Elect
Apr 66

Eremenko

209,574

Nicolae Eremia

Financial Collaboration Among CEMA Countries,
by Nicolae Eremia, 14 pp.
ROMANIAN, per, Finante si Credit, Bucharest,
No 2, Feb 72, pp 26-34.
JPRS 56138

Jun 72

English title unknown, by G. I. Kochova,
E. N. Eremin.
RUSSIAN, new, Institut pour l'Etude de l'URSS, no 3,
1966, pp 14-17.
ZIL Ref: 9413.2839 (RUS-er-93)

E. N. EREMIN

Sch. 1100
Aug 68

361,703

The "Penalty" Method in Convex Programming,
by I. I. Eremin.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 173,
No 4, 1967, pp 748-751.
Am Math Soc
Vol 8, No 2, 1967

I.I. EREMIN

J-386/66

While the Volga Is Flowing Red, by Tekin Erer.
TURKISH, np, Son Havadis, Istanbul, 22 July 1965.
*JPRS/DC-11662/Special

USSR
Pol
Sept 66

Copy

18

Jews Under Arab Rule - Arabs Under Israeli Rule,
by Ya'acov Erez, Yo'el Der, 12 pp.
YIDISH, rpt. Folk un Zion, Jerusalem, Nov 1968,
pp 14-20.
JPRS 47241

Ya'acov Erez

NY-Israel
Pal
Jan 69

372,864