

A New Approach to the Surgical Treatment of
Malignant Disease of the Epiglottis, by D. M.
Rutenberg, 6 pp.

RUSSIAN, per, Voprosy Onkolog, Vol VII, No 10,
1961, pp 29-33.

PP

Sci
Aug 62

208,112
~~208~~

CHAROVA, A. M.
RUTENBURG, E. B.

Zavodskaya Laboratoriya, vol. 14, No. 7, 550 words;
1988.

Accelerated Method for Ferrous Oxide in Blast Furnace
Sinter, Iron Ores, and Flue Dust.

Brutcher Trans, Order No. 2221, \$1.00

A-10981

Wages of Lowering Labor Expenditures in Servicing
an ATS, by N. Yu. Rutenburg, 9 pp.

RUSSIAN, per, Vest Svyazi, No 12, 1959, pp 7-9.

USASIA: SC-75c/60

Sci - Eng

Oct 60

J. Rutenfranz

*On the compensation of alcoholaction through caffeine and
previtin with a psychomotor reaction. 28 pp*

*GERMAN, Internationale zeitschrift fuer angewandte
physiologie einschliesslich arbeitsphysiologie, Vol 18,
1959, pp 62-81*

NASA TT P 14,564

COPYRIGHT NOTICE

sept 72

On lime-Cement Mortar, by H. Ruter.

SWEDISH, per, Cement Och Betong, Vol XXIX, 1954,
pp 135-143.

INSDOC-T1804

Sci
Apr 59

84,969

Development of the Process of Continuous Casting
of Steel, by M. S. Boychenko, B. S. Rutes, V. V.
Ful'macht, 12 pp.

RUSSIAH, no per, Metallurg, No 2, 1956, pp 7-11.

Sci Mus Lib No 56/2870 .

Sci-Min/metals

43,438

(NY-1830)

FUTURE OF METALLURGY: CONTINUOUS CASTING OF
STEEL MEANS MILLIONS OF ADDITIONAL TONS OF
METALS, BY M. BOYCHENKO, V. RUTES, V. FUL'MAKHT,
8 PP.

RUSSIAN, NP, PRAVDA, 14 MAY 1962, P 2.

JPRS 14590

USSR
ECON
SCI - M/M
JUL 62

205,186

Widespread Adoption of Continuous Steel Casting in a
Matter of Great Economic Importance, Based on Proceedings
of the May 1963 All-Union Conference in the City of
Gorkiy, by B. V. Piatlov, U. S. States, 10 pp.

RUSSIAN, a ger. Ser. No. 9, 1963, pp 769-772.

IP10 23136

USSR
Econ
Dec 63

243,762

The Continuous Casting of Steel, by M. S. Bolchenko,
V. S. Bites, N. A. Nikolayev, 25 pp.

RUSSIAN, bk, Nepreryvnaya Razlivka Stal, 1957.

Consultants Bureau
\$10.00

Sci - Minerals/Metals
Oct 59

98,713

Continuous Casting of Steel, Studied With
Radioisotopes, by B. N. Katomin, V. S. Rites.

RUSSIAN, no per, Iz Ak Nauk SSSR, Otdel Tekh Nauk,
No 1, Jan 1957, pp 123-135.

Henry Bratcher
Tr 3944
\$13.80

50,713

Sci - Min/Metals
Aug 57

<p>Rutes, V. S. and Evseev, D. P. RESEARCH INTO THE PROCESS OF CONTINUOUS CASTING OF STEEL. Treatise from All-Union Con- ference on the Continuous Casting of Steel (no. 1) 17-19 Oct 55. Jan 60. Order from MT f 22</p> <p>MT Trans-82</p> <p>Trans. from mono. <i>Nepreryvnaya Rasivka Stali</i> (The Continuous Casting of Steel) Moscow, 1956.</p> <p>DESCRIPTORS: *Steel. *Casting. *Steel castings.</p> <p>(Machinery--Manufacturing, TT, v. 6, no. 3)</p>	<p>61-22753</p> <p>I. Rutes, V. S. II. Evseev, D. P. III. MT Trans-82 IV. Title: All-Union... V. Title: Continuous... VI. Tollemache, M. de O. (Or. Brk.)</p> <p>180542</p> <p>Office of Technical Services</p>
--	---

Investigations on Continuous Casting, by V. S.
Rutes, D. P. Evtseyev. UNCL

RUSSIAN, rpt, From Proceedings of the First All-
Union Conference on the Continuous Casting of
Steel, Odessa, Oct 1955, pp 5-48.

M. Tollenache
The Old Rectory
Lewknor
Oxon.

Sci - Engr
Jun 59

90,434

The Continuous Casting of Steel, by M. S.
Boichenko, V. S. Rutes, N. A. Nicholayev, 25 pp.

RUSSIAN, bk, Nepreryvnaya Razlivka Stali, 1956,
~~25 pp~~

Consultants Bureau

\$10.00

Sci - Min/Met

80,627

Continuous Steel Casting, by V. S. Rutes,
D. P. Evteef, 21 pp.

RUSSIAN, rpt, Series IV, No 38, Publishing House
"Science", 1956, Moscow.

CIA/FDD X-2436

Sci - Engineering; Min/Metals
May 1957 CTS/lex

47,862

Conference on Continuous Casting of Steel, by
V. S. Rutes, A. P. Pronov, 12 pp.

RUSSIAN, no per, Stal', Vol XVI, No 3, 1956,
pp 263-265.

CIA/FDD X-2111

also Butcher In 3757
36,689

Scientific - Min/Metals
Jul 56 CTS/dex

(FDD 27653)

Continuous Steel Casting, by M. S. Boychenko, V. S.
Rutes, 16 pp.

RUSSIAN, no par, Lit Freizv. No 3, Moscow, Mar 1956,
pp 1-4.

Cc - 06/11 Sch # 283
CIA/FDD U-8625

38,096

USSR
Sci - M/metals

Determination of the Depth of the Liquid Phase
and of the Crystallization Front in the Ingot in
the Continuous Casting of Steel, by V. S. Ruten,
et al.

RUSSIAN, no par, Zavod Lab, Vol XXII, No 1, 1956,
pp 49-51.

Co-Op Tr Sch Tr 273
Gl.ks.

Sci - Chemistry

42, 313

Continuous Casting of Steel Into Square-Section
Billets, by V. S. Rutes, N. A. Nikolayev.

R
RUSSIAN, per, Metallurg, No 10, 1958, pp 15-
18.

Henry Bratcher 4425
4.35

Sci - Engr

Jan 59

79,597

Investigation of the Continuous Steel Casting
Process, by V. S. Rutes, et al.

RUSSIAN, no per, Stal, Vol XVI, No 1, 1956,
pp 62-65.

Co-Op Tr Sch Tr 272
£1.12s.

USSR
Economic

42,311

W.K.S.M. MB 70. T. 4079

A Process for the Preparation of Decologized
Heparin Preparations, by J. Homan, J. Hasenack;
Rutger, 9 pp.

DUTCH, Netherlands Patent No 76,326.

SLA 58-305

Sci
Jul 59

93,061

Diseases and Pests of the Cultivated Crops in the
Netherlands Indies in 1914, by A. A. L. Rutgers, 2 pp.

DURCH, per, Report of the Laboratory of Plant Dis-
eases, No 15, 1915, 45 pp.

SLA 57-3358

Sci

Aug 58

72, 247

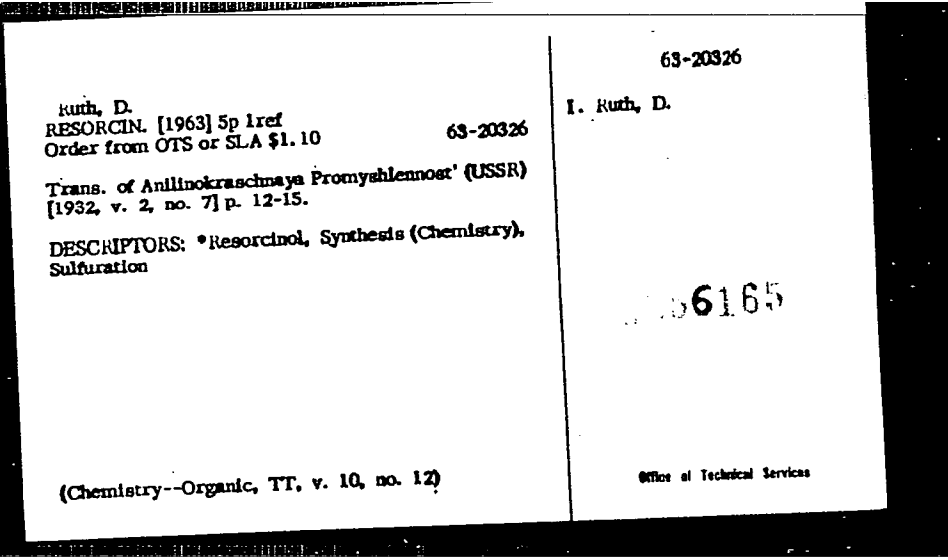
RUTGERS G A W

DU

LIGHTING OF LASCHWERKPLAATSEN

ELECTROTECHNIEK 20° 285 1942

FSTC-HT-23-603-73



Ruth, D.
RESORCIN. [1963] 5p 1ref
Order from OTS or SLA \$1.10

63-20326

Trans. of Anlinoi'raschnaya Promyshlennost' (USSR)
[1932, v. 2, no. 7] p. 12-15.

DESCRIPTORS: *Resorcinol, Synthesis (Chemistry),
Sulfuration

63-20326

I. Ruth, D.

6165

(Chemistry--Organic, TT. v. 10, no. 12)

Office of Technical Services

105
Control of Material Flow and Optimum
Production Control Allocation of Slabs
by use of an Electronic Computer,
by H. Felzer, K. A. Ruth.
GERMAN, per. Stahl Eisen, Vol 86, Jan 27,
1966, pp 100-106.
BISI 4776

K. A. Ruth

Sci-M&M
June 66

102,296

I. Non-Ferrous Metallurgy; Section C. Noble Metals and their Alloys: (1. Development of New Alloys, and 2.) Noble Metal Contacts, and 3.) A Contribution to the Knowledge of the Chemical Action of the Noble Metals and Their Alloys, by M. Hansen, K. W. Frolich, K. Ruthardt, 25 pp.

FRENCH, per, Finf, Rev. Gen Sci, 1939-1946.

S.L.A. Tr 1930

Sci - Engineering
May 57

47,799

The Use of Gold Alloys for Electrical Appliances,
Especially Potentiometers, by Konrad Ruthardt, 5 pp.

Full translation.

GERMAN, pam, German patent no. 888,180, Aug 1953.

S.L.A.

Scientific - Minerals/metals

Aug 55

27,293

Utilization of Gold Alloys for Potentiometer, by
Konrad Ruthardt, 3 pp.

Full translation.

GERMAN, pam, German patent no. 896,114, Nov 1953.

S.L.A.

Scientific - Minerals/metals

27,294

Aug 55

New Medicamentous Therapy of Extra-Pyramidal
Disturbances, Particularly Parkinson's
Disease and Postencephalitic Parkinsonism,
by W. Ruther, W. Theiss, 9 pp.

GERMAN, per, Med Klin, 1938, Vol LXXX,
No 35, pp 1495-1497.

SLA 59-10352

Sci -Med
OTS I, 12
Jul 59

92,241

The Mechanism of Cationic Polymerization Under
the Influence of Metal Halides, by W. R. Longworth,
P. H. Plesch, P. P. Rutherford, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII, No 1,
pp 97-99.

Consultants Bar

126,376

Sci
Aug 60

Ruthner, O.
PROCESS FOR RECOVERY AND REGENERATION OF
PICKLING WASTE LIQUORS. 8 Oct 56, 6p.
Order from OTS or SLA \$1.10 62-16402

Trans. of Austrian patent 176 414, starting of pat. life
15 Mar 53, issued 26 Oct 53, appl. [pub.] 6 Oct 56.

DESCRIPTORS: *Pickling, *Pickling compounds, Re-
covery, Regeneration, Chlorides, Iron compounds,
Chemical reactions, Hydrogen, Gases, Separation,
Decomposition, *Chemical waste.

The process is characterized by reacting with gaseous
hydrogen chloride the pickling liquids which are en-
riched with metallic salts, preferably with iron salts,
by separating the precipitated solid metallic chlorides
and by decomposing them by means of hydrogen gas in-
to metal and hydrogen chloride, which can again be ap-
plied for the precipitation of iron chloride from the
pickling liquor.

62-16402

I. Ruthner, O.
II. Patent (Austria) 176 414

C226248

(Engineering--Chemical, TT,
v. 8, no. 10)
Office of Technical Services

J. I. Ruthovskiy

Climatic and Hydrological Influences of Forests, by
J. I. Ruthovskiy.

RUSSIAN, per, Klimaticheskaya i Gidrologicheskaya
Rol'lessa, Vol 2, 1948, pp 387-405.

*HTIS TF 72-51116

Aug 72

Investigations of Surface Areas by the Method
of Brunauer, Emmett and Teller. The B-Point
Pressures of a Single Molecule Adsorbed
Layer as Characteristic Constants, by P.
Roen, A. Orth and K. Ruths, 14 pp.

GERMAN, par, Z. Anorg Chem, Vol CCLXXII, Oct
1955, pp 1, 2; 1-17.

SLA 57-3497

Sci

Aug 58

73,343

Investigations of Surface Areas by the Method
of Brunner, Emmett and Teller I. The B-Point
Pressures as Characteristic Constants, by P.
Rozsen, A. Orth, K. Ruths.

Zeit
GERMAN, per, A Anorg-Allgem Chemis, Vol CCLXXXI,
No 1/2, 1955, pp 1-17.

T.I.L. T-4683

Sci - Chemistry

36,922

Aug 1956

Some Approximate Methods of Solving Nonlinear
Operator Equations Based on ~~Linear~~ Lineariza-
tions, by M. A. Krasnosel'skiy, Ya. B.
Rutickiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI,
1961, pp 785-788.

Amer Math Soc

Sci

200,868

Jun-62

On a Class of Banach Spaces, by Ya. B. Rutickiy,
4pp

RUSSIAN, per, Uspekhi Mat Nauk (N.S.), Vol XII,
No 1(73), 1957.

AMS

Sci - Math
Jul 61
CIA/FDD X-4669

160, 256

A ... Marshal in the Region of Drifting Station
North Pole-5, by G. L. Rutilovskii, 4 pp.

RUSSIAN, per, Problemy Arktiki, No 3, 1958, pp 116-119¹¹⁹

CIA 654202

Amer Meteorol Soc
AF Cambridge Res Center

Sci - Astron

Jan 60

106,282

On the Theory of Electrical Fluctuations and Heat
Radiation, by S. M. Buticor, 9 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXVII,
No 4, 1952, pp 535-538.

21,953

Sci Mus Lib
No 54/3759

Scientific - Physics

Mar 55 CTB

Necrobiotic Cysts of the Bone, by E. Rutishauser,
GERMAN, par, Schweizerische Med Wochenschrift,
Vol. 82, pp. 848-850, 1952.
SLA-TT-66-11617

HEW NIH 2-86-66 (on loan)

E. Rutishauser

B/M
Aug 66

309,241

61
Linear System of Equations with a Symmetrical
Positive-Definite Band Matrix According to
Cholesky, by H. Rutishauser.
GERMAN, per. Computing Archives for Electronic
Computing, Vol 1, No 1, PP 77-78.
ILL Ref: 3774.4 (1775)

H. RUTISHAUSER

Sci-Elect
Jan 69

373.602

Histopathologic Study,
by E. Rutishauser, et al.
FRENCH, per, Acta Chir Belg, Vol 55, No
No 123, 1956, Suppl.
NIM 6-58-65 (On Loan)

E. Rutishauser

Sci/BGM
Jul 65

283,690

The Vascularisation of the Paget's Bone, by
E. ... Rutishauser, R. Veyrat, C. Rouiller, 9 pp.

FRENCH, per, Presse Medicale, Vol LXXII, 1954,
pp 654-657.

Sci - Medicine
Jan 60

NIH 12-48
SLA-60-10657

105, 292

OTS 60-10657

On the Chemical Composition of the Lesser Periwinkle,
(Vinca Minor L.), by F. Rutishauser, 2 pp.

FRENCH, per, Compt Rend, Vol CXCIV, 1932, pp 75-77.

SLA 58-214

Sci

Aug 59

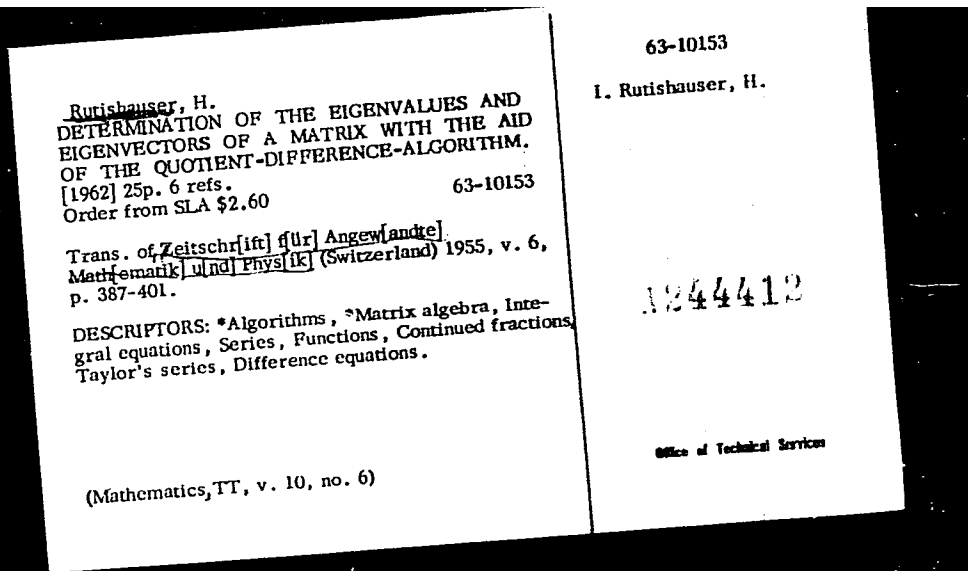
Applications of the Quotient-Difference
Algorithm, by Heinz Rutishauser.

GERMAN, per, Zeitschrift fur Angewandte
Mathematik und Physik, Vol V, 1954, PP 496-508.

Navy Tr 3609/APL 891

Sci - Math & Data Process
Nov 63

242,459



63-10153

I. Rutishauser, H.

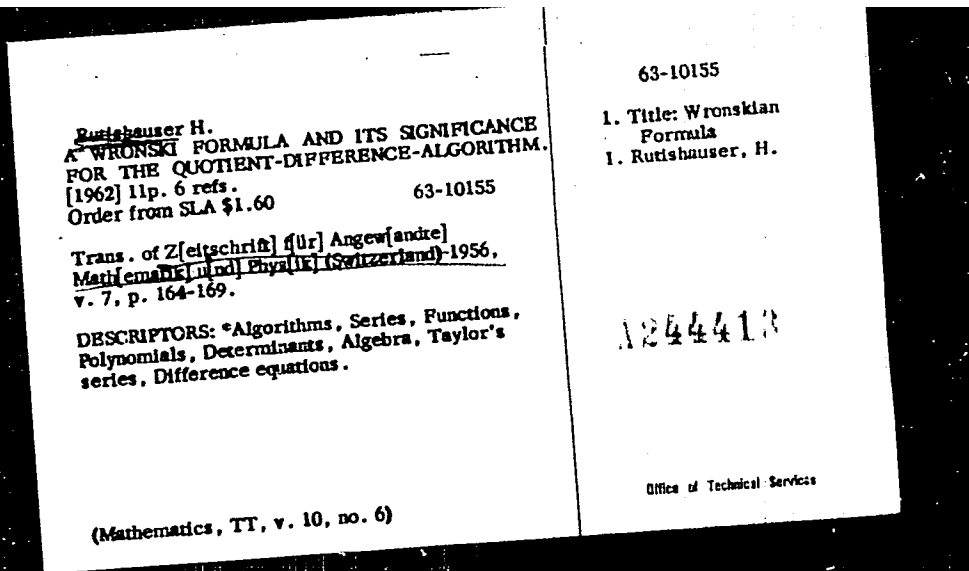
63-10153

Trans. of Zeitschrift für Angewandte
Mathematik und Physik (Switzerland) 1955, v. 6,
p. 387-401.

DESCRIPTORS: *Algorithms, *Matrix algebra, Inte-
gral equations, Series, Functions, Continued fractions,
Taylor's series, Difference equations.

(Mathematics, TT, v. 10, no. 6)

Office of Technical Services



Rutishauser H.
 A WRONSKI FORMULA AND ITS SIGNIFICANCE
 FOR THE QUOTIENT-DIFFERENCE-ALGORITHM.
 [1962] 11p. 6 refs.
 Order from SLA \$1.60

63-10155

Trans. of Zeitschrift für Angewandte
 Mathematik und Physik (Switzerland) 1956,
 v. 7, p. 164-169.

DESCRIPTORS: *Algorithms, Series, Functions,
 Polynomials, Determinants, Algebra, Taylor's
 series, Difference equations.

(Mathematics, TT, v. 10, no. 6)

63-10155

1. Title: Wronskian
 Formula
 1. Rutishauser, H.

1244413

Office of Technical Services

Program Controlled Digital Computers
(Electronic Calculating Machines), by
H. Rutishauser, A. Speiser, E. Stiefel,

GERMAN, per, Zeit f. Angew. Math & Phys,
Vol 1, 1950, pp 227-297.

20,208

TPA3/TIB
T 4322

Scientific - Mathematics

Dec 1954 CTR

On the Instability of Methods for the
Integration of Ordinary Differential Equations,
by Heinz Rutishauser, 15 pp.

GERMAN, per, Zeit fuer angew Mathematik und
Physik, Vol III, 1952, pp 65-74.

NACA TM 1403
SLA/1518/1856
Sci - Mathematics, Physics 34, 610

May 1956

Rutishauser, Heinz.
REMARKS ON SMOOTH INTERPOLATION (Bemerkun-
gen zur Glatten Interpolation). [1961] [15]p.
(foreign text included).
Order from SLA \$1.60

61-20086

Trans. of Zeitschrift fur Angewandte Mathematik und
Physik (Switzerland) 1960, v. 11, no. 6, p. 508-513.

DESCRIPTORS: *Functions, Polynomials, Numerical
analysis.

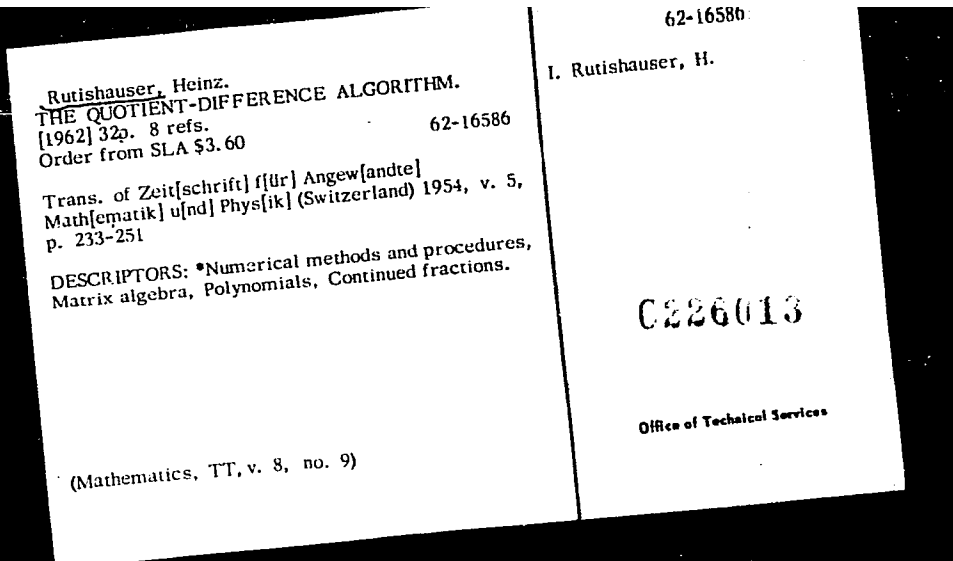
The usual interpolation formulae for equidistant ab-
scissae (Newton-Gregory, Bessel) define a piecewise
polynomial approximation function whose first deriva-
tive is generally discontinuous at every meshpoint.
It is shown how these formulae can be modified (with-
out using higher derivatives of the given function) such
that the piecewise polynomial approximation function
has s continuous derivatives (where s is a given inte-
ger). (Author)

61-20086

I. Rutishauser, H.

184240

(Mathematics, TT, v. 7, no. 1)
Office of Technical Services



Rutishauser, Heinz.
NOTES ON APPLICATION OF ALGOL (THE PRO-
POSED INTERNATIONAL ALGEBRAIC LANGUAGE)
TO NUMERICAL ANALYSIS. [1960] [52p. 61-10167
Order from SLA \$5.60

Trans. from Lectures Presented at the Summer Con-
ference on Frontier Research in Digital Computers,
Eidgenossische Technische Hochschule, Zurich, n.d.

DESCRIPTORS: *Numerical analysis, Algebra, Coding,
Programming, Computers.

(Mathematics, TT, v. 6, no. 1)

61-10167

I. Rutishauser, H.

Office of Technical Services

The Dependence of the Arteriovenous Oxygen Difference and the Oxygen Consumption of the Rabbit's Rear Extremity on the Perfusion Value and the Effect of Vasoconstricting Drugs, by W. Rutishauser, 31 pp.

GERMAN, dissertation, Die Abhängigkeit der Arteriovenösen Sauerstoffdifferenz und des Sauerstoffverbrauchs der Hinterextremität des Kaninchen von der Durchstromungsgrösse und der Wirkung Gefässverengender Pharmaka, Basle.

SIA 59-15472 103,527

Sci
Dec 59

Chain Synthesis of a Reactance Multi-Port Network,
by A. I. Rutkas, 6 pp.

RUSSIAN, per, Radiotekh i Elektron, No 11, 1961.

AIEE

Sci
19 Jul 62

204,126

Low Frequency Oscillations of Plasma in a Magnetic
Field, by V. D. Fedorchenko, B. N. Rutkevich,
7 pp.

RUSSIAN, per, Zhur Takh Fiziki, Vol XXXII, No 8,
1962, pp 958-966.

AIP
Sov Phys - Tech Phys
Vol VII, No 8

Sci
Jun 63

233,818

Lectures on Plasma Physics, by
E. D. Sidel'nikov, B. N. Rutkevich, 307 pp.
RUSSIAN, M., Lectures on Plasma Physics,
1964, 243 pp. ~~PL0000157-V~~
FD-20-65-1565

136

Sci - Phys
Mar 67

B. N. Rutkevich

300,000

A Study of a Magnetic Trap, by K. D. Sinel'nikov,
V. D. Fedorchenko, B. N. Rutkevich, B. M.
Chernyi, B. G. Safronov, 5 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXX, No 3, 1960,
pp 256-260.

AIP
Sov Phys - Tech Phys
Vol V, No 3

Sci
Oct 60

129,363

The Motion of Charged Particles in a Spatially
Periodic Magnetic Field, by K. D. Sinel'nikov,
B. N. Rutkevich, V. D. Fedorochenko, 7 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXX, No 3, 1960,
pp 249-255.

AIP
Sov Phys - Tech Phys
Vol V, No 3

Sci
Oct 60

129,364

Motion of an Electron in a Spatially Periodic
Magnetic Field, by V. D. Fedorchenko, B. N.
Rutkevich, B. M. Chernyy, 6 p.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXXI, No 10,
1959, pp 1212-1218.

Amer Inst of Phys
Sov Phys-Tech Phys
Vol IV, No 10, 1960

Sci

May 60

115,552

Nonadiabatic Traps for Charge Particles. I. by
K. D. Sinel'nikov, B. N. Rutkevich, B. G. Safronov,
15 pp.

RUSSIAN, bk, Nediabaticheskie Lovushki Zaryazhennykh
Chastits, 1960. 9074528

AEC Tr-4724

Sci - Phys
Dec 61

176,841

The Propagation of Oscillations in Electron Beams
With Uncompensated Space Charge, by B. N. Rutkavich,
Ya. B. Fainberg, 8 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXIX, No 3, 1959,
pp 280-286.

AIP
Vol IV, No 3

Sci - Phys
Oct 59

100,118

Angular Distribution of 5.45-Mev Protons Elastically
Scattered by Nickel, Copper, and Cobalt Isotopes,
by H. Ye. Rutkevich, V. Ya. Golovnya, A. K. Val'ter,
A. P. Klyucharev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 5,
1960, pp 1008-1011.

AIF
Sov Phys-Doklady
Vol V, No 1

Sci

125,814

Sep 60

11
Man and Medicine: 20 Years of Public Health
Service, by Jan Hurdman, 8 pp.
POLISH, op, Argumenty, No 12, 23 Mar 1964,
pp 1, 10, 11.
PPRS 2832

EE-Poland
Sec
Jun 64

161, 110

Polish Jurisdiction as Regards Inland Waters,
Territorial Seas and the Waters of the Contiguous
Zone, by Podpułkownik Eugeniusz Rutko, 13 pp.

POLISH, per, Przegląd Morski, Nov 1960, Encl to
Serial No 18-61, US NA, Warsaw.

Navy/ONI 5113023

EEur - Poland
Pol
Apr 61

156,420

Barents Sea: Oceanography, Biology, Fishing, by
Kazimierz Demel, Stanislaw Rutkiewicz.

POLISH, mono, Morze Barentsa: III Oceanografia
Biologia, Rybolowstwo, Gdynia, 1958, 310 pp.

*PL-480

Sci
Jul 63

The Problem of Risk in Export Production,
by Juliusz Backenroth, Celina Ratkowska,
7 pp.
POLISH, per, Handel Zagraniczny, Vol II,
No 2, 1964, pp 72-74.
JPRS 24866

EE-Poland
Econ
Jun 64

261,719

New Construction of the Central Machine Tool
Design Office (CBKO), by Czeslaw Rutkowski,
9 pp.

POLISH, per, Mechanik, No 5, 1962, pp 228-231.

JPRS 15247

EE-Poland
Econ

212, 137

Oct 62

Mesure de la surface des poudres metalliques,
by W. Rutkowski, J. Szymenski, 8 pp.
POLISH to FRENCH, per, Rudy i Metale Niezslazne,
Vol VI, No 6, 1961, pp 338-340.

Reverse Translation
CEA-X-560

Sci
Nov 64

<p>Rutkowski, W. ELASTIC DEFORMATION OF METAL POWDER DURING COMPACTING. [1960] 6p. (7 figs. 1 table omitted). Order from SLA mi\$1.80, ph\$1.80 61-10654</p> <p>Trans. of Neue Hütte (East Germany) 1959, v. 4, no. 2, p. 110-113.</p> <p>(Metallurgy, TT, v. 5, no. 9)</p>	<p>61-10654</p> <ol style="list-style-type: none">1. Metal powders--Deformation2. Plastic flow--Analysis <ol style="list-style-type: none">1. Rutkowski, W. <p>Office of Technical Services</p>
--	--

Swelling of Compacted Soil Materials, by B. I.
Rutkovskiy, 8 pp.

RUSSIAN, per, Pochvovedeniye, No 4, 1959, pp 46-54.

AIBS

Sci

Mar 61

145,466

Forest as a Water Conservation Factor. Hydrological
Importance of Forests and Forest Management, ~~XXX~~
by V. Rutkovskiy.

RUSSIAN, ~~XXX~~, 1940.

CSIRO/No 6099

Sci

Aug 63

The Problem of Producing Highly Aluminous
Refractories From Diaspore Concentrate, by
Ya. A. Orlovskiy, D. S. Rutman. UNCL

RUSSIAN, per, Ogneupory, Vol XVI, 1951, p 435.

DSIR LLU N.1146

(loan)

116,582

USSR
Econ
Mar 60

Production of Highly Aluminous Bricks for
Open-Hearth Furnace Ladles, by D. S.
Rutman. UNCL

RUSSIAN, per, Ognepory, Vol XVI, 1951,
p 51.

DSIR LIU M.1145

(loan)

USCR
Econ
May 60

116,585

62-29263

Ruzma, M. M.
SOLUCIÓN DE SILICATO SODICO COMO MEDIO
PARA LUCHAR CONTRA LAS CONTRACCIONES DE
LA FUNDICION DE HIERRO (Zhidnoe Sostie, kak
Sredstvo Bor'by s Uzhimaniem na Chugunnykh Oshivkakh)
(Utilization of Sodium Silicate Solution in the Prevention
of Cast Iron Contractions). 9p. CID: 62-263.
Order from OTS, STC or CID \$0.80 62-29263

I. Ruzma, M. M.
II. CID-62-263
III. Centre de Información
y Documentación,
Madrid (Spain)

Trans. in Spanish of Liteinae Protovednye (USSR) 1956,
no. 10, p. 29-50.

A247939

DESCRIPTORS: *Sodium compounds, *Silicates,
*Iron alloys, Castings.

Office of Technical Services

(Metallurgy, TT, v. 10, no. 8)

Fast Sampled-Data Systems with Switching within a
Cycle, by R. S. Rutman, 12 pp.

RUSSIAN, per, Avtomat i Telemekh, Vol XXIII, No 5,
1962, pp 1224-1236.

ISA

Sci

Apr 63

234,100

Kinetics of Vapor Boriding of Nickel, by
M. L. Rutkovskiy, N. A. Amufriyeva, 10 pp.

RUSSIAN, per, Fiz Metal i Metallov, Vol XII,
No 2, 1961, pp 317-222. 9676534

FTD-TT-62-233

Sci - Min/Metal

3 May 62

194, 114

Rutovskii, B. N. and Yakobson, N.
COPOLYMERIZATION OF METHYL ISOPROPENYL
KETONE AND METHYL METHACRYLATE. [1961]
7p. 6 refs.
Order from OTS or SLA \$1.10 61-18077

Condensed trans. of Zhurnal Prikladnoi Khimii (USSR)
1941, v. 14, no. 4/5, p. 528-538.

DESCRIPTORS: *Copolymerization, Ketones,
*Acrylic resins, *Polymers.

Experiments were carried out showing that copolymers
of methyl methacrylate and methyl isopropenyl ketone
can be prepared in which the monomers are equally
distributed through the individual fractions of the prod-
uct. In the absence of solvents, copolymers were ob-
tained with a content of the ketone amounting to 25 and
12.5%. In the presence of 50% ketone, no polymer is
formed. Copolymerization in solution gave copolymers
containing 50.25 and 12.5% ketone. The polymers pre-
(Chemistry--Organic, IT, v. 6, no. 7) (over)

61-18077

I. Rutovskii, B. N.
II. Yakobson, N.

Office of Technical Services

61-16887

Rutovskii, B. N. and Goncharov, G. S.
COPOLYMERIZATION OF STYRENE WITH METHYL
ISOPROPENYL KETONE. [1961] 6p. 9 refs.
Order from OTS or SLA \$1.10 61-16887

I. Rutovskii, B. N.
II. Goncharov, G. S.

Condensed trans. of Zhurnal Prikladnoi Khimii (USSR)
1941, v. 14, no. 4/5, p. 542-550.

DESCRIPTORS: *Copolymerization, *Styrenes,
Ketones, Polymers.

The method and conditions favoring copolymerization were investigated on the example of styrene and methyl isopropenyl ketone. Small amounts of methyl isopropenyl ketone accelerate polymerization of styrene in emulsions, but additions exceeding 10% of the ketone retard the process. Polymerization in emulsion in the presence of benzoyl peroxide does not give copolymers, while in the presence of hydrogen peroxide, conditions may be created leading to its formation. Under favorable conditions, copolymers are formed the chemical (Chemistry--Organic, TT, v. 6, no. 7) (over)

Office of Technical Services

Synthesis of Trialkylsilanephosphoric Acids, by
K. A. Andryanov, B. N. Rutovskiy, A. A. Kazakova,
2 pp.

Full tr

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI, No 1,
1956, pp 267-269. CIA 9000404 C, Reel No 21

Consultants Bureau -

Sci - Chemistry
Sep 56 GTS

38,591.

A self-Tuning System With a Model II, by I. N. Kvitova,
V. Yu. Rutkovskiy, 14 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, OTN, Tseli Klatsmet,
No 2, 1964, pp 143-152.

JPRS 25169

Sci
Jun 64

262,239

The Quality of Cast Iron Scaled at
Metallurgical Plants of the Ukraine, by G.
Ya. Rukovskiy, 5 pp.
RUSSIAN, PER: Katallurgicheskaya i Gornodol-
naya Promyshlennost', No 4, 1964, pp 6-8.
JPRS 28834

p 5

USSR
Econ
Mar 65

275,859

^{FU}
The Construction of Ceramics Industry in the
Sixth Five-Year Plan, by B. M. Gataman, N. A.
Rutkovsky, 5 pp.

^V
RUSSIAN, per, Steklo i Keramika, Vol XIII,
No 8, 1956, pp 23-26.

Consultants Bureau

Sci - Chem, Engr

Jun 59

90,529

Development of Powder Metallurgy in the Polish People's
Republic, by V. Sutkowaky, 5 pp.

RUSSIAN, per, Poroehkovaya Metallurgia, No 1(7),
Jan/Feb 1962.

CIA/FED XX-1301
NOT RELEASABLE TO FOREIGN NATIONALS

Sci

217,306

Nov 62

A Self-Adjusting System With a Pattern. I,
by I. N. Krutova, V. M. Rukhovskiy, 14 pp.

RUSSIAN, per, In Ak Hank SSSR, OZh, Tekh Kibernet, No 1, 1964, pp 124-131.

JPRS 24536

Sci
May 64

157 723

Machinebuilding Products for Export, by J. Gren,
C. Rutkowska.

GERMAN, per, Der Aussenhandel, Feb 1962,
pp 23-24.

FDD Sum 3537

EEur - Germany
Econ
May 62

196, 347

PRODUCTS OF THE "TEWA" WORKS OF SEMI CONDUCTORS,
BY FILOMENA RUTKOWSKA, 6 PP.

✱
POLISH, ~~W~~PER, WIADOMOSCI ELEKTROTECHNICZNE,
VOL XXX, NO 5, 1962, PP 161-163.

JPRS 15386

EE - POLAND
ECON
OCT 62

214,159

(NY 4781)

TEMA Transistor Production Plant, by Filozena
Rutkowska, 7 pp.

POLISH, par, Wiadomosci Elektrotechniczne, Vol XX,
No 5, 1960, pp 130-133.

JPRS 7422

EEur - Poland
Econ
Jan 61

136,975

Influence de la Teneur en Oxygene sur Les
Caracteristiques des Metaux Frittes et sur
Les Zones de Contact Entre Ces Metaux,
by W. TA Rutkowski, 3 pp.

GERMAN to FRENCH, per, Z. Metallkunde, Vol. LI,
No 1, 1960, pp 59-60. 9069368

CEA A-1205
Reverse Translation

Sci
Nov 62

Study of the Production of Cobalt and Tungsten-
Carbide Powders, by H. Rutowski, B. Razumowski,
I. Glinaka,

POLISH, per, Prace Glownego Inst. Metallurgii,
Vol IV, 1952, No 4, pp 153-160.

23,125

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Harris, Tenn*

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Apr
May 55 CTS