

Early Stages in the Development of the
Ovaries in Two Breeds of Chicken with
Different Rates of Development (Russian
White and Australorp), by G. R. Myller,
M. N. Ragozina, 4 pp.
RUSSIAN; per Dok Ak Nauk SSSR, Vol CXV,
No 5, 1957, pp 1044-

Amer Inst of Biol Sci

Sci - Med

May 58

63,562

50

The Effect of CaSO_4 on the Phase Composition of
Calcium Silicates and Aluminates on Burning, by
T. A. Ragozina, K. A. Akhmedov.
RUSSIAN, per. Uzbek Khim Zh. No 6, 1962, pp 5-11.
NIL Ref: 5196 (1974)

T.A. RAGOZINA

Sci-Chem
Aug 68

361,824

RECARBURISATION BY INJECTION OF POWDERS: A SUMMARY
OF THE RESULTS OBTAINED BY IRSID, BY J. RAGUIN.

FRENCH, PER, REVUE DE METALLURGIE, VOL LIX,
FEB 1962, PP 93-~~109~~109.

BISI 2917

SCI - PHYS

NOV 62

217,662

LIST 151

Hydrolysis and Hydration of β -Calcium Orthosilicate
in Solutions of Salts, by T. A. Ragozina, 10 pp.

RUSSIAN, no per, Zhur Prik Khim, Vol XXII, No 6,
1949, pp 545-552.

Sci Mus Lib Tr No 53/2292

USSR
Scientific - Chemistry

DSIR Lending Lib Unit (loan)

M. 269

SLA 59-19148
Feb 54 CTS

9606
075 59-19148

Reaction of Calcium Sulfate with Aluminates at 1200°;
by T. A. Ragonina, 4 pp.

RUSSIAN, per, Zhur Prikl Khim, Vol XXX, No 11, 1977,
pp 1682-1684.

Consultants Bureau

Sci - Chem

Feb 79

82,173

Results of Recarburization of Steel in the Open
Hearth Furnace by Powder Injection (Industrial
Trials at Saint Etienne), by J. Raguin, L. Vintrou.

FRENCH, per, Centre de Documentation Siderurgique,
Circulaires d'Informations Techniques, Vol XIX,
No 12, 1962, pp 2677-2718.

BISI 3187

235,723

Sci - M/M Jul 63

Ragulin, N. P.
PRESSURE EQUALIZATION IN THE PIPE-TURNS OF
A ONCE-THROUGH BOILER. [1960] [9]p. 1 ref.
C. E. Trans. 1655; M2318.
Order from LC or SLA ml\$1.80, pb\$1.80 61-15461

Trans. of Teploenergetika (USSR) 1957, v. 4, no. 6,
p. 21-25.

An analysis is given of the functioning of breather
headers in once-through boilers for reduction of pulsa-
tion between the pipe-turns, and of the variation in
heat absorption. (Author)

(Engineering--Mechanical, TT, v. 5, no. 8)

61-15461

1. Steam pipes--Pressure distribution
 2. Boilers--Design
 3. Title: Once-through boiler
- I. Ragulin, N. P.
 - II. CE Trans-1655
 - III. DSIR LLU M. 2318
 - IV. Central Electricity Generating Board (G. Brit.)

Office of Technical Services

The Difference Detected in the X-Ray Diffraction
Patterns of Keratin in Feathers, by L. L. Ragumova,
B. K. Lemazhikhin, L. A. Lebedev, V. S. Pen'kina,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,
No 1, 1959, pp 186-189.

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

Sci

118, 110

May 60

p-Anisidine as an Agent for Decyanoethylation, by
P. F. Butskus, N. V. Raguotene, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXI, No 11,
1961, pp 3639-3642

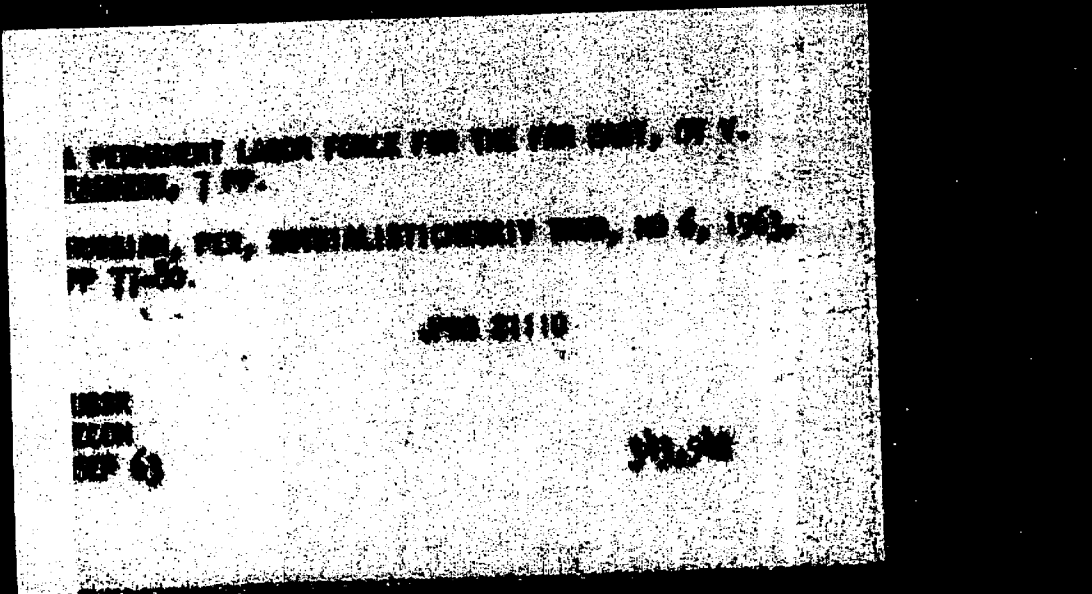
6

CB

Sci

Aug 62

213,212



(DC-180)

WAGES FOR STUDENTS OF 12-11 GRADES OF
SECONDARY SCHOOLS DURING THEIR TRAINING ON
PRODUCTION ENTER, IN BY V. KALINOV, 12 PP.

RUSSIAN, PER, ENTNALISTICHESKIY TRUD, NO 4,
1968, PP 142-147.

PP 147

LINK
FROM
AUG 68

202,913

Dependence of the Transformation Temperature of
33 16111 Glass on the Previous Heat Treatment and
on the Conditions of the Experiment, by F. Rahlfs,
K. P. Zobel. UNCLASSIFIED

GERMAN, per, Glastech Berichte, Vol XXVIII, No 8,
1955, pp 310-312.

DSIR/32470/CT

Sci - Chem; Phys
Cat 58

75,432

The Attraction of the Olorous Substances Secreted
by Man for *Aedes Aegypti* L, by U. Rahn.

GERMAN, per, Z Tropenmedizin und Parasitologie,
No 9, 1958, pp 146-156.

NIH 4-5-63

Sci - Biol/Med Sci

Jul 63

238,063

Important Factors in the Attraction of Mosquitoes
to Humans, by U. Rehm.

GERMAN, per, Rev Suisse Zool, No 64, 1957,
pp 235-246.

NIH 3-12-63

Sci - Biol/Med Sci

Jul 63

235,618

On Importance of Odor and Sweet in the Attraction
of *Aedes Aegypti* to the Man, by U. Rahn.

GERTMAN, per, Acta Tropica, Vol XIV, No 3, 1957,
pp 208-217.

HLH 3-23-63

Sci - Biol/Med Sci

Jul 63

235,625

The Function of the Antennae, Palpi and Tarsi of
Aedes Aegypti L. in the Tracking of the Host, by
XXXX U. Rahm.

GERMAN, per, Revue Suisse de Zoologie, Vol LXV,
No 37, 1958, pp 779-792.

NIH 4-10-63

Sci - Biol/Med Sci

Jul 63

238,066

Power and Heat Requirements of the Republic of Egypt,
by M. A. B. Elkoshairy, I. H. Abdel Rahman.

ARABIC, paper P/1108, Proceedings of International
Conference on Peaceful Uses of Atomic Energy Held
at Geneva 8-20 Aug 1955, Vol I.

Internatl Conf -- UN

Sci - Nuclear Physics

52,732

CIA 1-669.9.162

Prospects of Finding Radioactive Mineral Deposits in
Pakistan, by H. Rahman. (Abstract ONLY)

URDU, paper P/1129, Proceedings of International
Conference on Peaceful Uses of Atomic Energy Held
at Geneva 8-20 Aug 1955,

Internatl Conf -- UN

Sci - Nuclear Physics

CIA 1-669.9.132

52,749

Investigations on Quench ~~Ageing~~ Ageing of Steels
Containing Nitrogen by Measurement of Damping,
Coercive Field Strength and Reformation, by
H. Macken, J. Rahmann.

GERMAN, per, Archiv fuer Eisenhuettenwesen,
Vol. XXXIII, Feb 1962, pp 131-140.

BISI 2806

Sci - Min/Metals

208, 756

Aug 62
list 145

On the Theory of Univalent Functions, by
B. N. Rahmanov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XXVII,
1954, pp 973-976.

Amer Math Soc

Sci-Math

Jan 64

246,441

Influencing the Floatability of Minerals Through
Nuclear Radiation, by A. Goette, H. Rahmsdor.

DUNGH, per, Aachener Blatt, Vol VIII, No 4-5,
1958, pp 127-144.

Dept of Interior
TN7 R57 No 447

173,838

Sci - Nuc Phys

Nov 61

Nitrogen Pickup of Corrosion Nickel Steel 56
during Annealing in Cracked Ammonia,
by A. Rahmel, et al.
GERMAN, per Sander Bloche Rohre, May 1964,
pp 245-252.
DISI 4098

A. Rahmel

Sci/MGM
Jun 65

280,947

On the Oxidation of Iron-vanadium Alloys in
Air at High Temperature, by A. Rahmel.
GERMAN, per, Arch. Eisenhüttes., Vol 34,
No 4, 1963, pp 279-290.
CRL/T. 1710

A. Rahmel

Sci -
Jul 67

333,878

105
On the Mechanism and Formation of Two Phase
Grains in Iron Alloys at High Temperatures,
by A. Rahmel.

CHINA, par. 2. Electronics, Jan 1962,
pp 363-367.

REF ID: A5378

A. Rahmel

Sci - Materials
Mar 67

Sur l'oxydation des alliages fer-molybdene
dans l'air aux temperatures elevees, by A. Rahmel,
W. Jager, 37 pp.

GERMAN to FRENCH, per, Arch Eisenhüttenwes,
Vol XXX, No 6, 1959, pp 351-360.

Reverse Translation
CEA-A-1487

Sci
Jun 64

The Influence of Oxygen Pressure on the Oxidation
Rate of Pure Iron, by A. Rahmal, H. J. Egell.

DESI 2011, par, Archiv fuer Eisenhuettenwesen, Vol XXX,
no 12, 1959, pp 743-746.

DESI 2011

Callahan

Nov 61

175, 650

Oxidation of Heat-Resistant Steels: Effect of Alkaline Sulphate Deposits at the Simultaneous Presence of Traces of Sulphur Trioxide in Furnace Gases, by A. Rahmel. uncl

SEEMAN, per, Arch Eisenhuettenwesen, Vol, 1960, pp 59-65.

RIBI 1659

(Lk. 5a.03.)

118,437

Sci - Min/Mat
Jun 60

The Oxidation of Iron-Molybdenum Alloys in Air
at Elevated Temperatures, by A. Rahzel, et al.
USCL

GERMAN, per, Arch Eisenhuettenwesen, Jun 1959,
pp 351-360.

BISI 1465

(LT)

Sci - Min/Met
Dec 59

101,464

Kinetics of the Reduction of Nickel Oxide With
Hydrogen, by K. Hauffe, A. Rahmel, 14 pp.

GERMAN

~~XXXXXXXX~~, per, Z. physik. Chem, Vol I, Frankfurt, 1954
pp 104-128.

AEC Tr 2087

Scientific Chemistry Mar 55 CTS/DEX
Avail from Associated Tech
Serv (T 9604G) East Orange, N.J.

22,408

CONTRIBUTION TO THE SCALING BEHAVIOUR OF BOILER
STEELS, BY A. RAHMEL.

GERMAN, PER, VEREINIGUNG DER GROSSKESSELBESITZER
MITTEILUNGEN, OCT 1961, PP 319-332.

BISI 2692

SCI - ENGR

AUG 62

207,128

On the Mechanism of High Temperature Oxidation
of Iron, Nickel and Nickel Alloys, by A. Rahmel,
A. Rahmel, 7 pp.
GERMANY, per, A. von Pflummacher Chemie,
Vol 111, 1952, pp 185-191. 9229106
AEC-ORNL-Ts-619

76

A. Rahmel

Sci-Plys: M/61
Jul 55

257,638

The Effect of Treatment With Lithium-Oxide
Vapour on the Oxidation Rate of Iron, by
Brauns, Rehmel

GERMAN, ber, Werkstoffe und Korrosion, Vol VII,
1956, pp 448-5452.

OROB 2459

221 - M/N
Aug 63

341,375

Snow as an Obstacle and as a Pathway. Methods of
Advancing Transports in Winter Terrain, by Lt
Col Tore Rahmqvist, 10 pp. UNCL

SWEDISH, per, Journal of the Royal Academy of War
Science, No 10, 1958.

ID 2109119

NOE

Mil, Econ
Jun '59

88,397

Detection of Chlorinated Bicycloheptanes and
their Transformation Products Originating in
Metabolic Processes, by H. Rahn.

FRENCH, per, Archives Internationales de
Pharmacodynamie et de Therapie, Vol. 144, No.1/2
1963, pp 126-143
CSIRO/No. 6854

H. RAHN

Sci -
Aug 67

335-980

Detection of Chlorinated Bicycloheptenes and
Their Transformation Products Originating in
Metabolic Processes, by H. Rahn.

FRENCH, per, Archives Internationales de
Pharmacodynamie et de Therapie, Vol 144, No 1/2,
1963, pp 43-126
CSIRO/No 6854

H. RAHN

Sci -
Jul 67

334,220

(NY-6430/4)

The 1960 Annual Report on the Production of River
and Lake Fishery in East Germany, by H. U. Menzel,
J. Rahn, 10 pp.

GERMAN, per, Deutsche Fischerei Zeitung, Vol VIII,
No 4, 1961, pp 97-101.

JPRS 9819

REur - Germany

Econ

Aug 61

162,323

SEEKTE

(NY-4188).

1959 Report on the Production of East German
Inland Fishing, by H. U. Menzel, J. Rahn, 9 pp.

GERMAN, per, Deutsche Fischerei-Zeitung, Vol VII,
No 4, 1960, pp 97-102.

JPRS 5645

EEur - Germany

Econ - Agriculture, fishing

Oct 60

127,940

(NY-6430)

Lake and River Fine Fish Production of the
German Democratic Republic With Special
Emphasis on the Pond-Carp Economy, by
Joachim Rahn, 7 pp.

~~GERMAN~~
GERMAN, per, Deutsche Fischerei Zeitung,
Vol VIII, No 7, 1961, pp 193-198.

JPRS 11888

EEur - Germany
Econ
Jan 62
EE

179,079

Effect of Moisture and Low Temperature on Number of
Bacteria in Soil, by P. H. Bahno, 3 pp.

RUSSIAN, per, Mikrobiologiya, No 2, 1960, pp 229-233.

Amer Inst of Biol Sci

135,425

Sci -
Dec 60

On the Transfer of Mineral Nutrients from 51
One Plant to Another Owing to
Interaction Between Their Root
Systems, by I. N. Rahtenko.
RUSSIAN, per, Botanicheskii Zhur.
Vol XLIII, No 5, 1958, pp 695-701.
*CFSTI TT 66-51102

I. N. Rahtenko

Sci-E. Sci
Mar 66

Investigation of Alkaline Reserve in the Blood After
Administration of Amino Acids, by I. Rakusa-Suszczew-
ska, 10 pp.

POLISH, per, Polski tygodnik lek., Vol VII, No 44,
Nov 3, 1952, pp 1405-1407.

NIH Tr 82

S.L.A. Tr 2411

Scientific - Chemistry

28, 187

Oct 55
CTS/DEX

Process for Increasing the Protein
Stability of Beer, by K. Raible, K. Lietz.
GERMAN, Patent 1 160 812.
ATS-088898

K. Raible

Sci-BM
Jul 66307

307,588

The Measurement of the Definiteness and Accuracy of
Prediction in the Determination of Characteristics
of Complex Objects of Automation by Statistical
Methods, by N. S. Raibman, 9 pp.

RUSSIAN, per, Avtomat i Telemekh, Vol XXIV,
No 9, 1963, pp 1236-1249.

Instrument Soc of Amer

Sci
Apr 64

255,014

JUL 62

The Application of the Methods of Statistical Dynamics
to the Computation of the Characteristics
for Certain Automation Objects, by S. Ya.
Razevskiy, N. S. Raibman, 10 pp.

RUSSIAN, per, Avtomat i Telemekh, Vol XXXI,
No 11, 1961, pp 1466-1474.

IMA

Sci

224,089

Jul 62

A Statistical Method for Determining Unknown Multidimensional Operators for Automation Objects in an Almost Linear Approximation, by S. Ya. Raevskiy and N. S. Raibman, 8 pp.

RUSSIAN, per, Avtomat i Telemekh, Vol XXIII, No 7, 1962, pp 918-925.

ISA

Sci

234,129

Mar 63

Coherent Electron Radiation in a Synchrotron X, by
L. V. Yegansen, M. S. Raibovich, 3 pp.

RUSSIAN, per, Zhur Zhaper i Teoret Fis, Vol XXIV,
No 4 (10), 1978, pp 1013-1016.

Amer Inst of Phys
Sov Phys - JHEP
Vol VIII (35), No 4

Sci - Phys
Apr 59

83,952

Economic Trends and Improvement of the Economic System,
by Jovan Raicovic, 11 pp.
SERBIAN, per, Socializam, No 10, Oct 1964, pp 1313-
1324.
JPRS 27,896

EEur-Yugoslavia
Econ
Feb 65

272,915

18
The Dispute Concerning Criticism, by Jovan
Raicevic, 21 pp.
SERBIAN, par, Socialism, No 6, Jun 1965,
pp. 783-805,
JPRS 32019

Jovan Raicevic

EE-Yugoslavia
Pol
Sept 65

207,522

Opinion and Allegations in the Case of Richard
and Son-Sarkis, by David R. Harris and Peter Raicevic
CONFIDENTIAL, Foreign Affairs, 19
no. 3, pt. 2, 1966, pp. 222-223.
E-5-12770

Petar Raicevic

2/M
Aug 66

306,584

Displacements of Ions in an Ionic Crystal Due to
Natural Vibrations, by A. I. Raichenko, 5 pp.

RUSSIAN, per, Fiz Tverdogo Tela, Vol V, No 7, 1963,
pp 1982-1987.

Amer Inst Phys
Sov Phys - Solid State
Vol V, No 7

Sci
Jan 64

249,095

Calculation of the Electrical Conductivity
of Two-Component Powder Metal Products, by
A. I. Raichenko, I. M. Fedorchenko, 7 pp.

RUSSIAN, per, Fiz Metal i Metallov, Vol. I,
No 6, 1960, pp 815-822.

PP

Sci

156,181

Jun 61

11 746a

US-3

RAICHENKO O. I.

Changes in structure of nickel during creep and problem of determining concentrational distribution for alloys from heterogeneous metal powders. Part II. On the problem of determining the distribution by concentrations for alloys of heterogeneous metal powders

Ukrain. Fiz. Zhur., 3, 408-417 (1958)

NP-tr-462 - English

E u r a t o m

Qualitative Method for Determination of the Glassy
Form and the Degree of its Separation from
Crystalline Phases in Aluminosilicate Refractories,
by K. K. Strel'ov, T. F. Raichenko, 6 pp.

RUSSIAN, per, Zhur, Prikl Khim, Vol XXXIII, No 11,
1960, pp 2421-2426.

CB

169,430

Sci

Sep 61

The Destruction of Forsterite Refractories on Heating in a Gaseous Medium of Variable Composition, by I. P. Bas'yas, T. F. Raichenko.

RUSSIAN, per, Ogneupory, Vol XXII, 1957, pp 222-.

DSIR LLU M.1163
(loan)

Sci - Chem

Oct 60

128,741

Process for Preparation of Monohydroxytriethers,
by Karl Raichle, Wilhelm Krey, 5 pp.

GERMAN, Patent No 1,065,401.

Patent Office

Sci-Chem

Dec 63

244,094

Technology of Chemical High Pressure Processes,
by L. Raichle.

GERMAN, per, Chemie-Ingenieur-Technik,
Vol XXVIII, No 3, 1956, pp 203-213.

CSIRO

Sci - Chem

192, 707

Apr 62

(DC-5639)

New Measures for the Organization of Exploitation
of Areas Under Irrigation, by Al. Raicu, 3 pp.

RUMANIAN, np, Agricultura Noua, Vol VIII, No 706,
31 Jan 1961, pp 1, 3.

JPRS 8523

EEur - Rumania

Econ

160,272

Jul 61

Using a Damper Winding in DC Motors
Having a Printed Armature Winding,
parts done by, R. R. Rabin and A. P.
Raid.

RUSSIAN, per, Elektricheskoye, 1962,
No XL, pp 50-51.
NLL 902,03 1964 (3400) (On Loan)

USSR
Sci-P&P
July 65

A. P. Raid

284,615

J-5392

(WE-3064).

I Speak the Truth - Confessions of an Iraqi Communist,
by Comrade Raid,

ARABIC, np, Baghdad, ^{3-16 AUG}~~Aug 3, 4, 5, 6, 7, 16~~ 1959.

*JPRS/SPECIAL

NE/A - Iraq
Pol
Sep 59

Using a Damper Winding in DC Motors
Having a Printed Armature Winding,
parts done by, R. R. Reid and A. P.
Reid.

RUSSIAN, per, Elektrichestvo, 1962,
No XI, pp 50-53.
NLL 9022.03 1964 (3410) (On Loan)

R.R. Reid

USSR
Sci-F&P
July 65

284,615

The Effects of Cyanamide, III. Quantitative
Cyanamide Determination in Tissues, by Hanns
Raida, 10 pp.

GERMAN, per, Z Ges Exp Med, Vol XXXI, 1923,
pp 215-220.

SIA 59-15423

Sci
Dec 59
Vol 2, No 5

103,536

Influence of Different Alloy Additions upon
Properties of Chromium-Containing Permanent
Magnet Steels, by H. Krainer, F. Raidl, 21 pp.

GERMAN, per, Archiv Eisenhüttenwesen, Vol XVI,
No 7, 1943, pp 253-260. (loan copy only)

SIA 57-2809

Bc1
Aug 58

70,898

Normalizing and Tempering of Steel Bars in a Induction
Heat Treating Plant on Line Frequency, by H. Krainer,
M. Kronels, F. Raidl.

Full translation.

MAN, book per, Stahl und Eisen, Vol LXXI, No 17,
1961, pp 880-886.

Butcher Trans No 3030

Scientific - Minerals/Metals

53 CTS

\$7.40 price

4840

KRAINER, H.
RAIDL, F.

Archive Eisenhüttenwesen, vol 16, No 7, 33 figs,
4 tables, 4800 words; 1943

Influence of Different Alloy Additions upon
Properties of Chromium-containing Permanent Magnet
Steels

Brutcher Trans, Order No 1866, \$7.20

A-6080

(SF-1855)

Welding Engineering in Building Construction,
by Oberingenieur Raldt, 5 pp.

GERMAN, per, Technische Gemeinschaft,
Vol IX, No 4, 1961, pp 135-140.

JPRS 13432

EEur - Germany
Econ
Apr 62
EE

190,944

The Modulation of the Neutron Flux in the
Reflector of a Pile by Absorption and Scattering,
by V. Raievskiy and J. Yvon.

FRENCH, per, Comptes Rendus, Vol CXXXI, 1950,
pp 345-347.

Sci
Aug 58

ASLIB-GB

te
72,039

Control of a Subcritical Atomic Reactor, by J. Laccour,
V. Raievski, 12 pp.

FRENCH, per, L'Onde Electrique, Vol XXXVIII, 1958,
pp 592-599. 9093616

AEC Tr-4803

Sci - Nuc Phys
Dec 61

177.409

Measurements of a Complex Diffusion Length in
a Solid or Liquid to Determine the Transport
Mean Free Path for Thermal Neutrons, by J.
Horowitz, V. Raisvski.

FRENCH, paper P/360, Proceedings of International
Conference on Peaceful Uses of Atomic Energy Held
at Geneva 8-20 Aug 1955, Vol V.

Internatl Conf -- UN

Sci - Nuclear Physics 46,116
Apr 57 CIA 1-669.9.162

Prematurity, Importance and Attempts at Prevention,
by C. E. Raiha, 18 pp.

SWEDISH, per, Nordisk Medicin, Vol. LXI, No 22,
28 May 1959, pp 819-823.

NIR 1-23a-60

Sci - Med

Mar 60

110,464

Effect of Benzoyl Peroxide Radical on Hydrocarbons under Con-
ditions of Prolonged Contact, by A. A. Zaladin, S. E.
Baik:

RUSSIAN, per, Zhur Prikl Khim, Vol XII, No 11, 1957,
pp 1711-1714.

Consultants Bureau

Sci - Chem

Feb 59

82,182

Dielectric Strength of Oxide Film on
Aluminum Oxide, by L. L. Platov, F. S.
Raikerus.

84

RUSSIAN, rpt. Pruby Dielektrikov i Poluprov
Dokl 4th Chel. Mezhd. Konf. Tomsk., 1961,
pp 119-121.

*PTB NT-76-148-67

F. S. Raikerus

Sci-Materials
Aug 67

326,427

Calculation of the Lateral-Dynamic Stability of Aircraft, by A. Raikh, 82 pp.

Full translation.

RUSSIAN, Central Aero-Hydrodynamical Institute, Transactions, No 433, 1938.

NACA TR 1264

Sci - Aero

A 9671

W. S. ... @ ...

EX

7-1-50, nash 1264

S.L.A. Jr

Increased Sensitivity in the Spectral
Determination of Rare Elements in Solution, by
Ya. D. Raikhbaum, E. S. Kostyukova, ²/₃ pp.

RUSSIAN, per, Zavod Lab, Vol XXVII, No 3, 1961,
pp 306 - 308.

ISA

196,662

Sci
Mar 62

Use of the Method of Additions in the Spectrographic
Analysis of Ores for Indium and Germanium, by Ya. D.
Raikhbaum, E. S. Kostyukova, 3 pp.

RUSSIAN, per, Zavod Lab, Vol XXV, No 8, 1959,
pp 961-963.

Instru Soc of Amer

Sci
Aug 60

123,474

Dependence of the Line Intensity in an Arc
Discharge Spectrum on the Current Strength,
by Ya. B. Naikhsun, V. B. Malykh, 7 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved Fiz,
No 4, 1960, pp 147-151.

REF R-124
9093100

Sci

Nov 61

Quantitative Spectral Analysis of Ores by the
Introduction of Samples into the Arc with an Air
Jet, by Ya.D. Raikhbaum, M.A. Lushonova, 5 pp.

Instruc Soc of Amer
RUSSIAN, per, Zavod Lab, Vol XXV, No 12, 1959,
pp 1449-1453.
Sci
Jan 61

135,397

On the Kinetics of Vaporization in an Electric Arc,
by Ya. D. Raikhbaum, 3 pp.

Full translation.

RUSSIAN, bimo per, Iz Ak Nauk, Ser Fiz, Vol XIX,
No 1, 1955, pp 70,71. CIA C 42053

Columbia Tech Tr

Scientific - Physics
May 56 CTS/dex

34,665

72
Comparative Evaluation of Various Methods of
Determining Cavitation Resistance, by L. A.
Glikson, E. M. Raikhel'son,
RUSSIAN, per, Gidroturbostroenie, No 1, 1955,
pp 225-232.
NLI RTS 5166

E. M. Raikhel'son

Sci - Mech
Sept 67

340,382

The Effects of Hyperimmunization on the Protein
Composition of the sera of Horses used for
Producing Antisera--I,
by I. I. Raikher, 8 pp.

RUSSIAN, per, Zhur Mikrobiol Epidemiol/Immunobiol,
Vol XXXI, No 8, 1960, pp 40-46.

PP

Sci

164, 146

Aug 61

Raikher, I. I., Mirskova, V. N. and others.
FRACTIONATION OF IMMUNE SERA BY ELECTROPHORESIS ON STARCH PLATES. [1963] [8]p. 5 refs.
FASEB manuscript no. S 214-2.
Order from OTS or SLA \$1.10

63-23044

Trans. of Laboratornoe Delo (USSR) 1962, v. 8, no. 7, p. 36-39.

DESCRIPTORS: Separation, *Proteins, *Immune serums, *Electrophoresis, Starches.

A method for determining simultaneously several protein fractions present in immune sera is described. A potato starch solution mixed with a buffer solution is distributed over the bottom of a glass dish which is partitioned lengthwise by a glass rod. Two strips of filter paper are placed on the edge of the dish to make contact with the electrodes. A second layer of buffer (Biological Sciences--Biochemistry, TT, v. 10, no. 9)
(over)

63-23044

- I. Raikher, I. I.
- II. Mirskova, V. N.
- III. FASEB S-214-2
- IV. Federation of American Societies for Experimental Biology, Washington, D. C.
- V. Scripta Technica, Inc., Washington, D. C.

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Office of Technical Services

starch solution is then poured into the dish. After the plate has dried, along both sides of the glass rod 2 trenches are cut 6-7cm from the cathode. Exactly 0.5ml of serum is introduced into each trench. After absorption of the serum, the trenches are filled with buffered starch solution. Six plates are placed in the electrophoretic chamber, permitting simultaneous analysis of 12 samples. The starch plates are cut into pieces according to the size and position of each fraction. Each piece is centrifuged with 10ml of physiological saline solution. The supernatant fluids represented the isolated protein fractions. Electrophoregrams of protein fractions obtained from normal and immune horse sera, using this technique show that the protein fraction separation was quite precise.

PB-

63-23044

Concentration of γ -Globulins in the Blood Serum of Donors (Electrophoretic and Turbidimetric Determinations), by I. I. Raikher, N. M. Protserova, N. M. Romanova, L. A. Masterskikh, 4 pp.

RUSSIAN, per, Problemy Gematol i Pereliv Krovi, Vol V, No 2, 1960, pp 52-54.

PP

Sci

Oct 60

130,451

Some Characteristics of Post-Infectious
Immunity in Typhus Fever on Re-infection
of Guinea-Pigs in Different Zones of Recep-
tion, by A. V. Pshenichnov, E. G. Moskova,
L. I. Raikher, I. Sh. Vajzman, 3 pp.

RUSSIAN, per, Zhur Mikrobiol Epidemiol i
Immunobiol, Vol XXIX, No 10, 1958, pp 99-
101.

Pergamon Inst

Sci - Med

Jun 59

89, 257

Dependence of the Redox Potential of Bromide-Bromate
Mixtures on the Concentration of Hydrochloric Acid,
Ts. G. Raikhinshtein,

The Journal of General Chemistry of the USSR, Vol. 26
No. 11, Nov 1950, pp ~~2029-2032~~ (Russ p 1955) 1961

Consultants Bureau
New York

I nodoc

A 9673

USSR

**N Continuous Securing and Washing Of Harvested Press
Material by F.I. Smikhlin and M.I. Antonova.**

**RUSSIAN, per, Tekstilnaya Promyshlennost, Vol XVII,
No 10, 1957, pp 43-45**

CRIBO

Oct. 62

An Histochemical Investigation of Diaphorase
and Succinic Dehydrogenase in Induced and
Transplanted Hepatomas, by N. T. Raikhlin,
5 pp.

RUSSIAN, per, Voprosy Onkolog, Vol VII, No 7,
1961.

Elsevier Pub. Co.

Sci

May 62

195,892

TPN-Diaphorase and Succine Dehydrogenase in
Precancerous and Cancerous Tissues, by
N. T. Raikhlin, 9 pp.

RUSSIAN, per, Voprosy Onkolog, Vol VII, No 3,
1961.

Royer & Roger

Sci
Mar 62

188³,877

Inorganic Peroxides; Chapter XI, Upper
Potassium Oxides, by I. A. Kazarnovskiy,
S. I. Raikhamain, 14 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXI, No 3, 1947,
pp 245-255. 9080644

AEC Tr-4758

Sci
Sep 61

167,842

Apparatus for Determining Dissociation Pressures, by S. Raikhshtein, I. Kazarnovskiy.

RUSSIAN, per, Zhur Fiz Khim, Vol XXI,
No 2, 1947, pp 257-260.

CSIRO 3510

Sci - Phys
May 62

198, 470

Kinetics of the Spontaneous Decomposition of
Potassium Ozonide. Associate Member of the
Academy of Science USSR I. A. Kazarnovsky,
S. I. Raikhahtein, and L. N. Bykova 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol CVIII, No 4, pp 641-644

Consultants Bureau

Sci - Chemistry
Jan 57 CTS

43,181

Reliability of Passive Redundancy Circuits With
Permanently Connected Redundant Elements in the
Case of Redistribution of Loads or Voltages, by
A. L. Raikin, 5 pp.

RUSSIAN, per, Avtomat i Telemekh, Vol XXIV, No 4,
1963, pp 558-562.

ISA

Sci -
Nov 63

241,917

The Problem of Structural Reliability in a
System for Sequential Information Collection,
by A. L. Raikin, 6 pp.

RUSSIAN, per, Avtomat i Telemekh, Vol XXIV,
No 9, 1963, pp 1260-1266.

Instrument Soc of Amer

Sci
Apr 64

255,016

Ninth Scientific-Technical Conference of the Young
Scientists of the Institute of Automation and
Remote Control

By A. L. Raikin and M. V. Rybashov, pp. 5

RUSSIAN, per, Avtomat i Telemekh, Vol XXIV,
No 3, pp. 425 - 427

ISA

240-883

Sci

Oct 63

Determining the Optimal Reserve for a System While
Taking into Account the Damage of Blocks in the
Reserve Mode

By A. L. Raikin, *pp. 600*.

RUSSIAN, per, Avtomat i Telemekh, Vol XXIII, No 11,
1962, pp. 1536 - 1541

ISA

Sci

Aug 63

342,444

A List of Papers Devoted to Reliability Questions for the Year 1961, by A. I. Raikin,

RUSSIAN, per, Avtomat i Telemekh, Vol XXIII, No 9, 1962.

ISA

Sci

233,932

Apr 63

Signalling, by V. A. Zhoshikashvili, A. L. Raikin,
6 pp.

RUSSIAN, par, Avtomat i Telemekh, Vol XXXIII, No 3,
1962, pp 392-397.

IEA

Sci

Oct 62

213,883

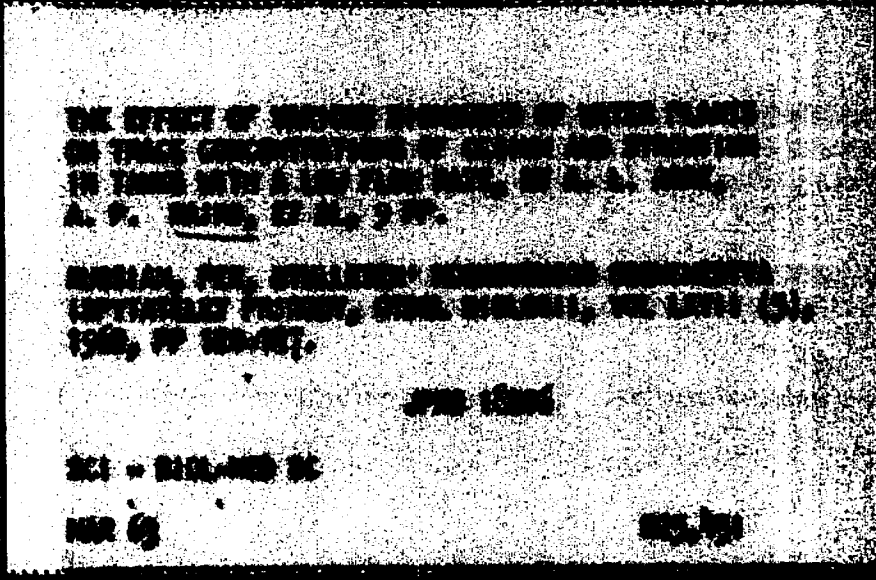
41
Immunogenic Peculiarities in Guinea Pigs
Irradiated After the Vaccination with
Dorbed Tetanus Toxoid, by A. Ya. Ilyutovich,
B. M. Raikis, et al.

RUSSIAN, per, Zhurnal Mikrobiologii,
Epidemiologii i Immunologii, Vol 41,
No 11, Nov 1964, pp 100-105. 9232100
USSR Tr Y-2004

B. M. RAIKIS

USSR
Sci/Agr
Feb 66

296,287



Phosphorus Compounds and Lactic Acid in the Tissues
of the Brain and Heart of Hypothermic Animals During
Temporary Cardiac Arrest and Restoration of the
General Circulation by a Combination of Therapeutic
Measures, by Z. A. Raiko et al., 9 pp.

RUSSIAN Per, Fiziol Zhur SSSR, imeni I. M. Sechenova,
Vol XLV, No 12, 1959, pp 1489-1496.

Pergamon Press

Sci

119,574

Jun 60