

The Acetylating Function of the Coenzyme-a System
During Radiation Syndrome, by V. N. Filippova, I. F.
Seitz, 3 pp.

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Sci - Biology
May 58

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Apr 61

(NY-5654)

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Lever for Exceeding the Foreign Trade Plan, by
J. Seitz, 4 pp.

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JPRS 7977

EEur - Germany
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Apr 61

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Applied Mathematics - Test for the Accuracy of
Setting of an Automatic Sorting Machine, by Vladimir
Klega, Jiri Seitz, 16 pp.

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ABC Tr-4543

170,219

Sci - Math
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~~Aplikace~~
Test for the Accuracy of Setting of an AUTOMATIC
SORTING Machine, ~~Tab. III, 1958~~ by
Vladimir Klega, Jiri Seitz, 16 pp.

CZECH, per, Aplikace Matematiky, N Vol III,
No 2, 1958, 9080663

ABC Tr-4543

167, 846

Sci
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Radioactive Density Determination With a Gamma-
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Seitz, 18 pp.

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AEC Tr 4099

Sci - Phys
Jul 60

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Handing and Distribution of ...
The International ...
Kongrat, by ...
...
Vol. 56, 1967, pp. ...
ARC ALL 20-463

Konrad Seitz

987, 884

Sci - Materials
Jun 67

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Heat Exchange and Diffusion between Gas and
Granular Aggregations as the Function of
Time in Industrial Units, by G. Sasvay,
K. Seitz.

MUNICH, GER, Hagy. Kes. Poly., Vol 09, no
4, 1963, pp. 184-189.

URL/D 818

K. SEITZ

sci-cen
aug 69

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Tests With a New Type Pneumatic Soil Pressure Cell,
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GERMAN, Die Bautechnik, Vol 13, No 25, 14 June 1935,
pp 329-330.

USA Corps of Engr, Waterways Exper Sta Tr 40-29

Sci - Engineering, hydraulics, naval
Econ - Transportation, river, water

A-10645

Available on loan at Research Center Library

Seltz, Pierre.

IMPROVED SHOCK ABSORBING BEARINGS, tr. by
J. M. H. 17 Aug 61, 6p. (4 figs. omitted).
Order from OTS or SLA \$1.10

61-28080

Trans. of French patent 1,185,741, gr. S, cl. 3,
internat'l. cl. F 06 q, by Seltz and Company, Switzer-
land, appl. 5 Nov 57, granted 16 Feb 59, pub.
4 Aug 59 (appl. filed in Switzerland 5 Nov 56 in the
name of author).

DESCRIPTORS: *Vibration Isolators, *Torsion bars,
Springs, *Bearings, Bushings, Detents.

The present invention relates principally to improved
shock absorbing bearings, comprising a bushing in-
tended to receive a pivot, a bearing housing in which
said bushing is movable, and a restoring spring acting
on said bushing in order to hold it normally in a deter-
(Machinery--Machine Parts, TT, v. 6, no. 10) (over)

61-28080

- I. Seltz, P.
- II. Patent (France) 1 185 741
- III. Patent Office,
Washington, D. C.

Office of Technical Services

43
Genesis and Etiology of the Crossing
Phenomenon and its Significance for
the Diagnosis of Vascular Diseases of
the Retina, by R. Seitz.
GERMAN, per, Klin Mbl Augenheilk.
Vol 139, 1961, pp 491-512.
REF NII 9-S1-65

R. Seitz

Sci/864
Oct 65

290,532

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The Evaluation of Morphological
Changes in the Vascular Wall of the
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GRIMM, por, Z Kreislaufforsch,
Vol XLIX, no 15-16, 1960,

pp 732-744.

NIH 1-26-65

R. Seitz

Sci-35M

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The Information of a Reducing Substance From
Peptone by Means of X-Ray Irradiation, by
W. Seitz, 11 pp.

^{pat}
GERMAN, Z. Ges. Exp. Med, Vol CI, 1937, pp 641-647.

S.L.A. Tr No 57-125

Sci - Biochemistry
Apr 57

46,880

Change in Shape of Step-Like Impulses Due to a
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JIB SI 4 T 2880

Sci - Phys

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NY-10)

THE SPECTROMETRIC DETERMINATION OF THE
CR CONTENT OF $Al_2O_3-Cr_2O_3$, BY S. DÄHNKE,
G. FRENZEL, R. BEINERT, 7 PP.

GERMAN, FER, EXPERIMENTELLE TECHNIK DER
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JPRS 12263

SCI - PHYS
FEB 62

182,092

Inelastic Collisions Between Excited and
Unexcited Calcium Atoms, by H. Munk, R. Seiwert.
GERMAN, rpt, Optik und Spektroskopie aller
Wellenlängen, East Germany, 27-31 Oct. 1969,
pp 499-519.
NASA TT 7-9775

R. Seiwert

U. S. GOVERNMENT USE ONLY
Sci-Phys
Apr 66

298,768

Growth of Metal "Whisker" by Heating, by T.
Morita, and T. Seiyama, 5 pp.

JAP, ~~per~~, Kinzoku Butsuri, Vol I, No 2, 1955,
pp 69-70.

SLA 57-2437

Sci

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Electrone and X-Ray Diffraction on Nickel Anode.
III. Study on Anode Products by X-Ray Diffraction,
by T. ~~IKI~~ Seiyama, M. Abe, W. Sakai, 9 pp.

JAPANESE, per, J. Chem Soc, LVII, 1954, pp 343-346.

S.L.A. Tr 57-254

Sci - ~~Electronics~~
May 57

Physics
48,752

Electron and X-Ray Diffraction Studies on Nickel
Films. II. Action of Alkaline Solution on
Nickel, by T. Seiyma, H. Kimabe, W. Sakai, 6 pp.

JAPANESE, ~~HEE~~ per, J. Chem Soc, Vol LVII, 1954,
pp 257, 258.

S.L.A. Tr 57-28 253

Sci *Physics*
~~Electronics~~
May 57

48,750

Seiyama, Tetsuro, Suenaga, Akio, and Sakai, Wataru.
THERMODYNAMIC CONSIDERATIONS ON THE CATALYTIC OXIDATION REACTIONS OF CARBON MONOXIDE AND SULFUR DIOXIDE. [1962] 20p. 13 refs.
Order from SLA \$1.60 62-14964

Trans. of Nihon Kagaku Zasshi (Japan) 1961, v. 82, no. 3, p. 292-298.

DESCRIPTORS: *Carbon compounds, *Monoxides, *Sulfur compounds, *Dioxides, Oxidation, *Catalysts, *Semiconductors, *Thermodynamics, Reaction kinetics.

With respect to the oxidation reaction of carbon monoxide, the order of activities of various types of oxide catalysts was evaluated from the thermodynamic properties of the catalysts. Similar considerations were made on the oxidation of sulfur dioxide, but in this instance, simple application of the thermodynamic values of the oxide catalysts did not agree with the actual state (Chemistry--Physical, TT, v. 9, no. 5) (over)

62-14964

I. Seiyama, T.
II. Suenaga, A.
III. Sakai, W.

C227836

Office of Technical Services

The Theory of the Magnetic Susceptibility of the
Polaron, by Dzh. I. Abakarov, Yu. N. Seiydov, 4 pp.

RUSSIAN, Fiz, Fiz Tverdogo Tela, Vol II, No 5, 1960,
pp 2264-2267.

AIP
Sov Phys - Solid State
Vol II, No 9

Sci

Apr 61

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On the Indirect Exchange Interaction, by S. V.
Vonsovskiy, Yu. M. Seiydov, 3 pp.

RUSSIAN, Dok Ak Nauk SSSR, Phys Sec, Vol CVII,
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Amer Inst of Phys
Sov Phys "Doklady"
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Sci - Phys

57,643

Aug 57

Process for the Removal of Rubber or Plastics
From Metallic Screens or the Like Metallic
Devices, by Heinrich Seizinger, 3 pp.

GERMAN, Patent No 652,762.

Dept of Commerce
Patent Office
Sci Lib

178,922

Sci - Engr

**Decomposition Velocity of Potassium
Persulfate in Presence of Reducing Agents
at Room Temperature by Nohio Urahara,
Seizo Okamura.
JAPANESE, per, Kobunshi Kagaku,
Vol VII, 1950, pp 350-353.
SLA TT 64-28355**

Seizo Okamura

May 67

327,187

**Effect of Modifiers on Degree of Polymerization
of Vinyl Acetate at Room Temperature,
by Seizo Okamura, Naolchi Hayakawa.**

**JAPANESE, per, Kobunshi Kagaku,
Vol VII No 8, 1950, pp 292-294.
SLA TT 64-20353**

Seizo Okamura

May 67

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Recent Developments in the Hot Piercing and Ex-
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FRENCH, per, Revue de Metallurgie, Vol 58, No 12,
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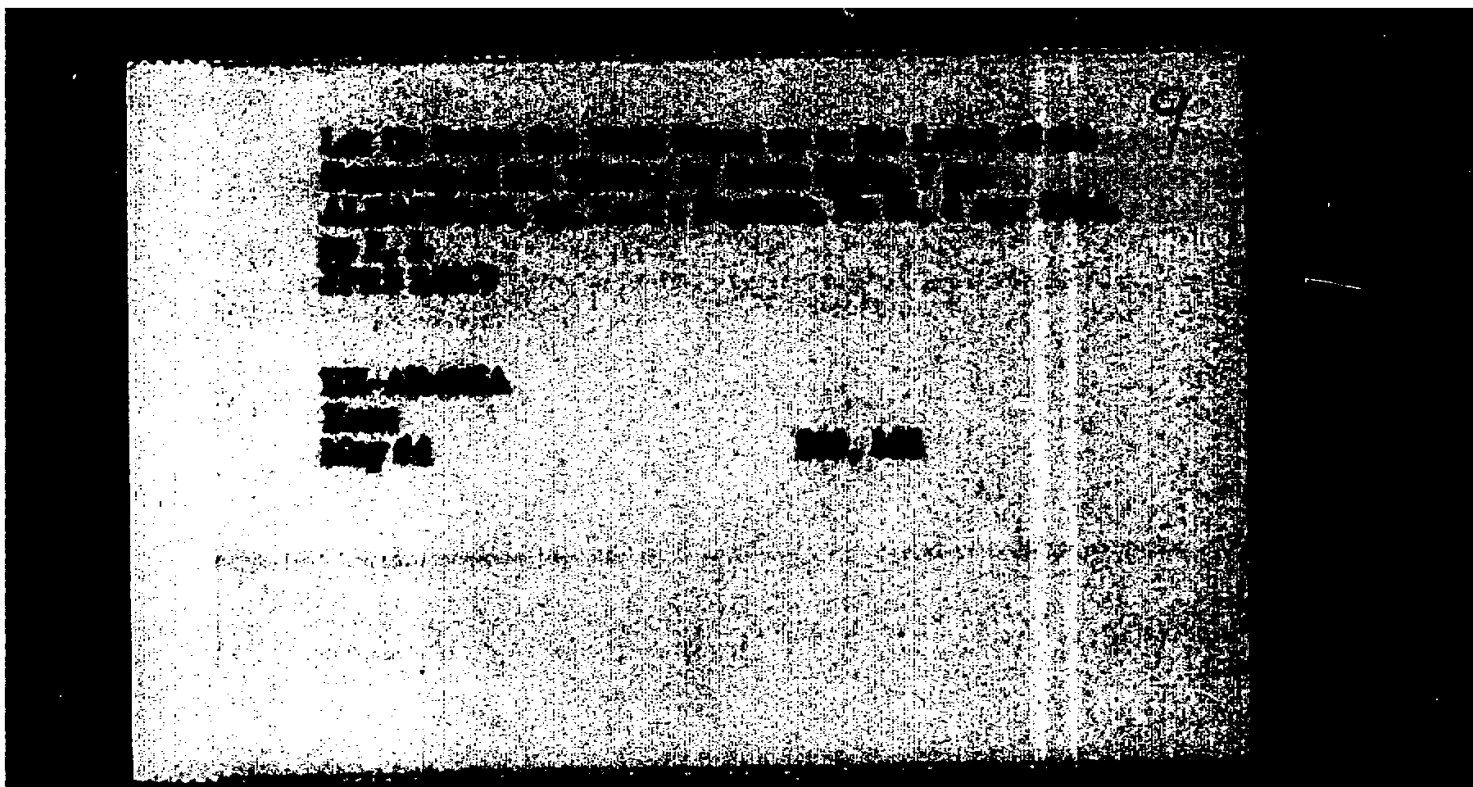
HB 5649

Sci Meth and Equip
Dec 67

J. Sejournet

346.563

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00929R000201010016-3



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Speech, by Rapacki Sejm

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FBID Daily Review

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APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00929R000201010016-3

Problems in Military Technology, by E. Sojenski.

POLSKA, Wk, Biblioteka Wiedzy Wojskowej,
Warsaw, 1959, 371 pp.

EROL, Ft Belvoir T-1301
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Jun 68

234,482

Sejnova, R.
RESEARCH INTO MATERIAL FOR DRILL PIPE CAS-
INGS WITH A MINIMUM YIELD STRENGTH OF
98 kg/mm². [1962] [28] p. 22 refs.
Order from SLA \$2.60

62-14536

Trans. of Hutnicke Listy (Czechoslovakia) 1959, v. 14,
no. 9, p. 829-840.

DESCRIPTORS: *Steel. *Pipes. *Steel tubing. Produc-
tion. Mechanical properties. Heat treatment.

Sixteen experimental melts were cast with carbon con-
tents from 0.18 to 0.32% and with various combina-
tions of manganese, silicon and chromium, and one
melt was also alloyed with nickel. From the ingots
rods were forged, which were subjected to heat treat-
ment which corresponded to the heat treatment of the
pipes. The results of the mechanical tests were
worked out by means of correlation analysis to pro-
duce equations expressing the relationship between the
(Metallurgy--Ferrous Metals, TT, v. 8, no. 4)(over)

62-14536
I. Sejnova, R.

0222039

Office of Technical Services

Sejnoha, R.
THE USE OF MANGANESE-VANADIUM STEEL FOR
LARGE FORGINGS. Jan 60.
Order from MT

MT Trans-II

Trans. of Hutnicke Listy (Czechoslovakia) 1959, v. 14,
no. 8, p. 743-748.

DESCRIPTORS: *Manganese steel, *Vanadium alloys,
Heat resistant alloys, Forging, Steel.

(Metallurgy, TT, v. 6, no. 5)

61-22885

- I. Sejnoha, R.
- II. MT Trans-II
- III. Tollemache, M. de O.
(Gt. Brit.).

Office of Technical Services

Contribution to the Problem of the Production
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CZECH, per, Hutnicks Listy, No 7, 1959,
pp 569-573.

BIBI 1539

(L5.Cc.Od.)

801 - Engr
Mar 60

110,283

Research Into Material for Drill Pipe Casings
With a Minimum Yield Strength of 98 kg/cm², by
R. Sejncha. UNCL

CZECH, per, Hutnické Listy, No 9, 1959,
pp 829-840.

BISI 1540

Sci - Engr
Apr 60

(18)

114,320

The Use of Carbon Steel for the Production of
Heat-Treated (Quenched and Tempered), by
API-E Boring Tubes, by R. Sejncha, V. Sald.
UNCL

CZECH, per, Hutnické Listy, No 10, 1958,
pp 878-881.

BISI 1505

(LA 10s.Od.)

Sci - Min/Met

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109,422

Extrusion of Steel With Glass Lubricants, by
Jacques Sejournet, 39 pp. (AF 1062839)

FRENCH, per, Revue de Metallurgie, Vol LIII, No 12,
Dec 1956, pp 897-914.

SMA 59-30986
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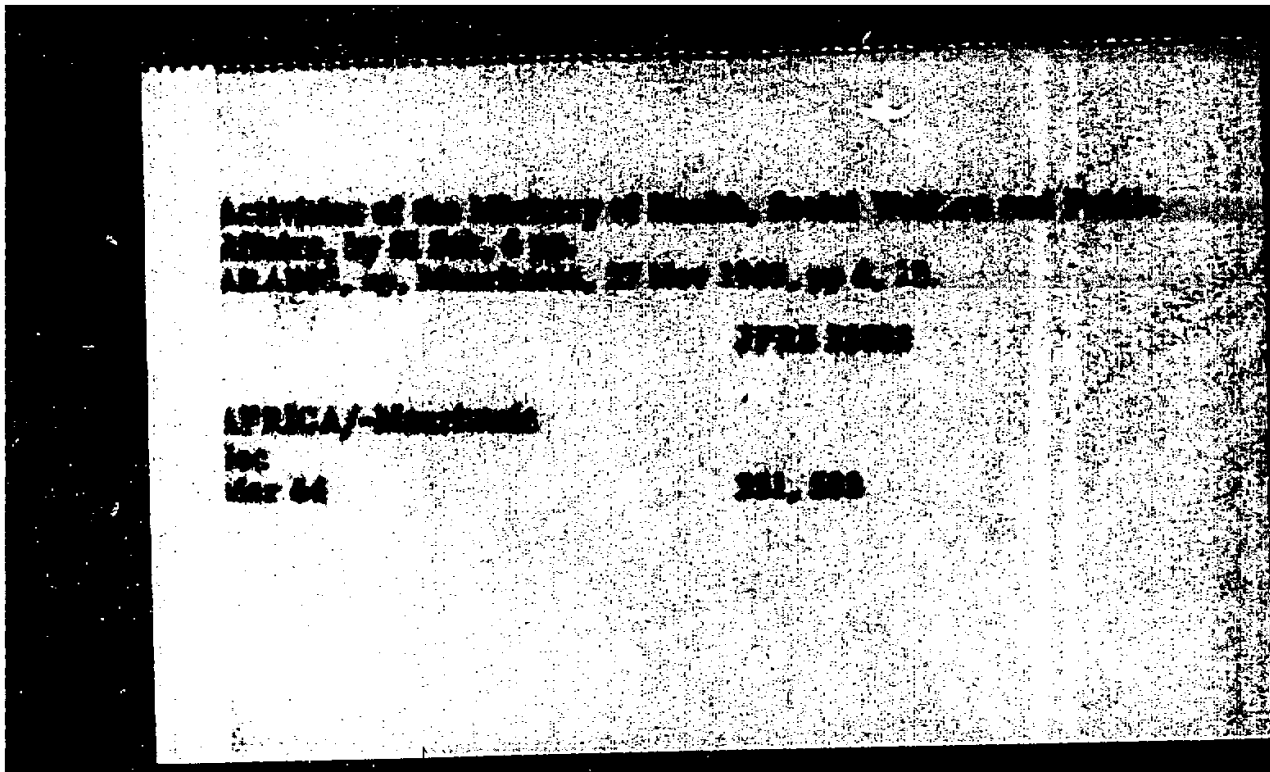
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Oct

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British Iron and Steel Ind (no number given)



History or Present time, by Jan Sekaj, 4 pp.

CZECHOSLOVAKIAN, no per, Predvoj, No 5, Bratislava,
Jan 58, pp -1-2.

US JPRS/DC-173
CSO DC-50/10

EEur - Czech

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Jun 58

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The Real and Imaginary Parts of an Unbounded Operator
by Ye. R. ~~Yezhovskiy~~ Yezhovskiy, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIX, 1961,
pp 48-51.

Amer Math Soc

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Jun 62

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Measurement of Microhardness in Cast Iron, by K.
Sekowski.
POLISH, per, Prz. Odlew, Vol 12, No 3, 1962, 91
pp 78-83k
BISI 5252

K. Sekowski

Sci - Mat
Aug. 67

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Seke, V.
HARDENERS. [1962] 24p.
Order from ATS \$29.75

ATS-25P59CR

Trans. of Kemija u Industriji (Bulgaria) 1961, v. 10,
no. 7, p. F71-F80.

DESCRIPTORS: Chemical industry, *Additives,
*Hardness.

(Engineering--Chemical, TT, v. 8, no. 10)

62-17258

- I. Seke, V.
- II. ATS-25P59CR
- III. Associated Technical
Services, Inc., East
Orange, N. J.

C226360

Office of Technical Services

Corrosion Study XVII - Effect of Hydrogen Sulfide on
Corrosion of Aluminum, by Karel Smrcek,
Ivan Sekerka, 6 pp.

CZECH, per, Chemické Listy, Vol LII, 1958, pp 196-200.

ACSI I-2392-B
ID 2229434

Sci - M/M
Jan 64

248,817

Three Dimensional Problem of Standing Waves
of Finite Amplitude on the Surface of a Heavy
Liquid, by Ya. I. Sekerg-Zenkovich,

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXXVI, No 1,
1952, pp 35-38.

D.S.I. 4,
T-951

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Scientific - Physics

Tyrosine Metabolism of Insects. XI. Control of
Tyrosine Metabolism by Ecdysone, by Peter Karlson,
Constantin E. Sekeris.

GERMAN, per, Biochimica et Biophysica Acta,
Vol LXIII, 1962, pp 489-495.

NIH 6-20-63

Sci - Biol/Med Sci

Aug 63

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Corrosion in Heterogeneous Nuclear Reactors,
by V. Cihal, I. Sekerka.

CZECH, per, Hutnicke Listy, Vol XIV, 1959,
pp 978-984.

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Jun 61

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A Radiochemical Investigation of the Reaction
 $Si^{30}(p, \pi^+)Si^{31}$, by S. Sekerskiy, A. K. Lavrukina,
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pp 61-64.

Amer Inst of Phys
Sov Phys "Doklady"
Vol II, No 6

Sci - Physics
Jul 58

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On the Theory of Boroda's Mouthpiece for a
Gas; by I. Sakerzh-Zen'kovich. UNCL

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1957, pp 850-855.

RAE 747

REC - RAE - Lib. IV - 747

So1 - Engr
Feb 59

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Some Particular Solutions of the Problem of the
Propagation of a Free Tidal Wave in a Channel of
Varying Depth, by T. Ya. Sekerzh-Zen'kovich, 4 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz, No 10,
1959, pp 1460-1467.

AGU

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Certain Questions of the Theory of the Propagation
of Tidal Waves in a Nonhomogeneous Fluid, by T. Ya.
Sekerzh-Zen'kovich, 35 pp/

RUSSIAN, no per, Trudy Morskogo Gidrofizi Instit,
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Sci - Geophysics
Sep 57

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On the Propagation of a Tidal Wave in a Strait, by
T. Ya. Sokerzh-Zenkovich, 12 pp.

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1957, pp 493-503.

Pergamon Inst

Sci - Geophys
Dec 58

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UK -26

Ya. I. SEKERZH-ZEN'KOVICH

On the theory of Borda's mouthpiece for a gas

Priklad. Mat i Mekhan., 21, 850-855 (1957)

RAE-Lib-Trans-747 (AD-204670) - English

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On the Theory of Free Finite Oscillations of a
Surface Separating Two Unbounded Heavy Liquids of
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Sov Phys - Dok
Vol VI, No 1

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Composite Standing Waves of Finite Amplitude on the
Surface of a Heavy Liquid of Finite Depth, by
Ya. I. Sekerzh-Zen'kovich, 23 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Vnt Ser Geofiz,
No 5, 1951, pp 68-83.

26, 764

Sci Ma Lib Tr 55/1324

Scientific - Physics

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(NY-6617)

The Application of Mathematics in Biology and
Medicine, by V. Sekhtyanu, 17 pp.

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JPRS 9996

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Sci - Med
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Engineering Method of Calculation of
Elastic Systems for Free Vibrations, by
E. A. Sekhniashvili. 351 pp. 77

RUSSIAN, bk, Inzhenernyy Metod Rascheta
Uprugikh Sistem na Svobodnyye Kolebaniya,
1960, pp 1-346. 9700384-V

FTD-AT-64-377
CFSTI TT-66-61114

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Sci/Engineering
May 66

Sekhniashvili

300,446

Paper Chromatography of Hydrazides of Fatty
Acids by Satake, Kazuo, and Seki, Tokuichiro,
9 p.

JAPANESE, per, Kagaku no Ryoiki, pp 557-561.

SLA 6 59-21025

Sci

May 60

Vol 3, No 4

118,171

TT-65-13463

Field 7C

Sekt. I.
STUDIES ON THE MORPHINE ALKALOIDS. IX. ON THE
AMINOMORPHIDE COMPOUNDS. THE FORMATION OF
ENAMINES AND THE ADDITION OF AMINES TO ALPHA,
BETA-UNSATURATED KETONES. 9p, 16refs.
Order from SLA: \$1.10 as TT-65-13463

Trans. of Yakugaku Zasshi (Japan) v84 n7 p621-5 1964.
Another trans. is available from SLA \$1.10 as TT-65-11629,
10p.

I. Title: On ...
II. Title: Formation ...

MR 656

Method for Manufacturing Carcass Layer of Cord-
less Tire, by Koji Seki, Masaki Yoshihara, et al.
6 pp.
JAPANESE, Patent 38-26282 13 Dec 1963
OTS TT-64-18104

Koji Seki

Sci/Materials
Jun 67

327,711

Thermal Analysis, by Hiroshi Suga, Shuzo Seki,
8 pp.

~~JRN~~JAPANESE, per, Bunseki Kagaku, Vol XI, 1962,
pp 47R-50R.

ABC-tr-5929

Sci-Phys

Sep 63

345, 251

Vapor Pressures of Molecular Crystals (Eighth Report). Vapor Pressures of Aromatic Nitro Compounds, by Issau Hitta, Syuso Seki, Masanori Moritani, Kentaro Sato, 13 pp.

JAPANESE, per, Nippon Kagaku Zasshi, Vol LXXI, 1950, pp 378-382.

ABC 3425

Sci - Phys

Dec 58

78,255

Sekiguchi, H.
PREPARATION OF POLYBUTANAMIDE FROM
 ϵ -PYRROLIDONE (I) [1961] [14]p. (1 fig, 20 refs,
1 table omitted).
Order from SLA \$1.60

61-20855

Trans. of Soc[ieté] Chim[ique de] France. Bull[etin]
1960, p. 1827-1830.

DESCRIPTORS: *Pyrroles, *Polymers, *Canavanine,
*Amides, Polymerization, Condensation reactions.

(Chemistry--Organic, TT, v. 7, no. 11)

61-20855

I. Sekiguchi, H.

209141

Office of Technical Services

Sekiguchi, H., Nishimura, M. and others.
THE OPTIMUM CURE OF ANTIVIBRATION RUBBER.
[1961] 9p.
Order from ATS \$14.90 ATS-23N52]

Trans. of Nihon Gomu Kyokaiishi (Japan) 1960, v. 33,
no. 1, p. 29-35.

DESCRIPTORS: *Rubber, Processing.

ATS-JJ-3621

(Materials--Rubber, TT, v. 6, no. 6)

61-22926

I. Sekiguchi, H.
II. Nishimura, M.
III. ATS-23N52]
IV. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

Sekiguchi, Hikaru.
KINETIC STUDY OF THE CATALYTIC POLY-
MERIZATION OF α -PYRROLIDONE (II). [1961] 11p.
(3 figs 4 tables omitted) 8 refs.
Order from SLA \$1.60

61-20859

Trans. of Soc[été] Chim[ique de] France. Bull[etin]
1960, no. 1831-1834.

DESCRIPTORS: *Pyrrolidinone, *Polymerization,
Catalysis, *Reaction kinetics, Lactams

Subsequent to the preparation of polybutanamide from
 α -pyrrolidone (Soc. Chim. France Bull. 1960:
1827-1830; available in translation from SLA \$1.60 as
61-20855) we have studied the kinetics of catalytic
polymerization of this pentagonal lactam. Polymeri-
zation is initiated by an N-acyl lactam whose acyl
residue is incorporated into the polymer; catalysis is
by an alkaline salt of the lactam. The reaction is
(Chemistry, TT, v. 7, no. 11) (over)

61-20859

I. Sekiguchi, H.

209052

Office of Technical Services

Sekiguchi, Hikaru.
PHYSICAL AND MECHANICAL PROPERTIES OF POLYBUTANAMIDE (IV). [1961] 12p. (7 figs. 18 refs. omitted)
Order from SLA \$1.60 62-10245

Trans. of Soc[été] Chim[ique de] France. Bull[etin] 1960, p. 1839-1843.

DESCRIPTORS: *Lactams, Polymerization, *Amides, Polymers, Viscosity, Synthetic fibers, Mechanical properties.

A study of the mechanical properties of polybutanamide fiber has demonstrated a remarkable resistance and tenacity with reasonable elasticity (20% elongation and kg/mm^2 load at the yield point, and 30 to 40% elongation and 50 kg/mm^2 load at the breaking point, properties comparable to those of natural silk. (Author)

62-10245

I. Sekiguchi, H.

208343

(Chemistry--Organic, TT, v. 7 no. 10)

Office of Technical Services

Setsiguchi, Hikaru.

REACTION MECHANISM OF THE ALKALINE CATALYTIC POLYMERIZATION OF α -PYRROLIDONE (III). [1961] 13p. (17 refs. omitted)
Order from SLA \$1.60

62-10246

Trans. of Soc[été] Chim[ique de] France. Bull[etin] 1960, p. 1835-1838.

DESCRIPTORS: Lactams, Amides, Polymerization, Chemical reactions, Catalysis, *Pyrrolidinone.

The kinetic study of the alkaline catalytic polymerization of α -pyrrolidone and the conclusions relative to the reactions of the initiator lead us to visualize for this reaction an anionic "lactamolytic" reaction mechanism like a polyaddition. By assuming three kinds of reaction between the amides and the lactam anion, according to the type of amides: cyclic amide, imide (Chem[istry--Organic, TT, v. 7, no. 10] (over)

62-10246

1. Setsiguchi, H.

208344

Office of Technical Services

137

White-Armed 2 Gas Flare Counter for Large
Area Sources, by Akira SEKIGUCHI, Eikuro
SABURAI, Yasushi KIMURA, 15 pp.
JOURNAL, JAF, Gas Defense, Vol. 33, No. 5, 1964,
pp. 348-354.
AFC REF 72-15

Akira SEKIGUCHI

33,176

Sci - Nuclear Science
Jul 67

Multi-anode TV Gas Flow Counter for Large
Area Sources, by Akira Sekiguchi, Kikuzo
Sekigami.
JAPANESE, per, Gyo Eitoku, Vol 33, No 5,
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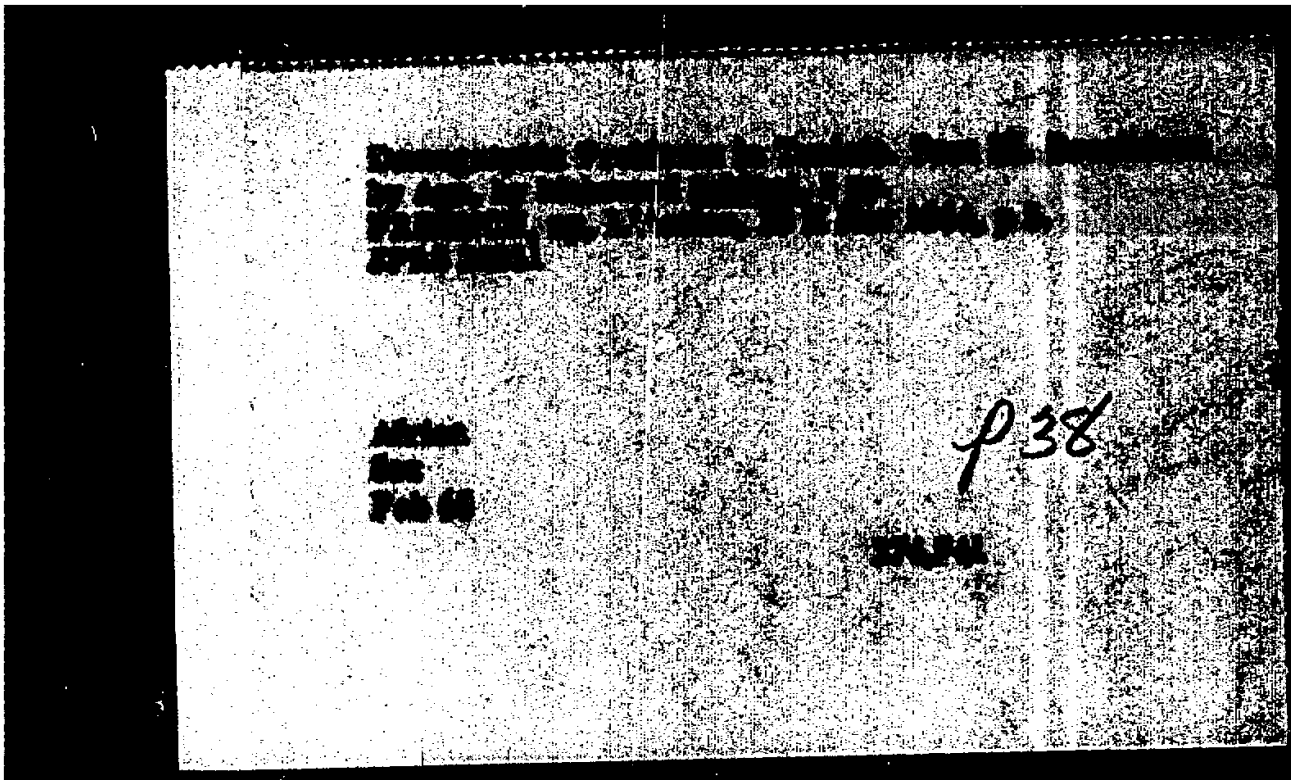
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