

FEATURES CHARACTERISTIC OF THE COURSE OF MYOCARDIAL  
LESIONS IN RADIATION SICKNESS WHEN TRANSFUSIONS OF  
BLOOD, EK-S, AND POLYGLUCIN ARE ADMINISTERED, BY  
TU. S. KOFANIYA, 19 PP.

RUSSIAN, PER, MEDIT RADIOLGIYA, VOL VIII, NO 10,  
1963, PP 57-74.

JPRS 22403

SCI-BIOL & MED SCI  
DEC 63

204,707

Using Cationites in a Fluidized Bed to Purify Industrial  
Waste Waters of Zinc Ions, by A.M. Kofanovski and Va.  
x M. Zagra, 5 pp.

RUSSIAN, per, Tsvetyne Metally, Vol VIII, No 12,  
1962, pp 35-39

PS

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255,895

Apr 64

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The Vibration Spectrum and Aero-dynamic  
Function of Formamide, by M. Kofu.  
JAPANESE, per, Nippon Kagaku Zasshi, Vol 76, No 7,  
1955, pp 804-807.  
\*DISI 8027

*M. Kofu*  
sci/materials  
Feb 70

Question of the Importance Of Protozoa In Tympanitis,  
by M. Koffman.  
GERMAN, per, Skand. Vet-Tidkr., Vol 27, 1937. pp  
45-70.  
(CSIRO/No. 7816)

*M. KOFFMAN*

Sci -  
Sep 67

339,988

61-23239

Koffun, T. I. and Strom, D. A.  
THE PRODUCTION OF "SYNTHETIC TANNING OIL"  
BY THE USE OF SULPHURIC ACID (Izgotovleniye  
"Sinteticheskogo Kozhevennogo Zhira" s Primeneniyem  
Sernoy Kisloty). [1961] [8]p. 4 refs. [DSIR LLU]  
M 2995.  
Order from OTS or SLA \$1.10 61-23239

I. Koffun, T. I.  
II. Strom, D. A.  
III. DSIR LLU M. 2995

Trans. of Khim[iya] i Tekhnol[ogiya] Topliv i Masel  
(USSR) 1959 [v. 4] no. 12, p. 19-22.

DESCRIPTORS: \*Tannic acids, Production, Esters,  
Oils, \*Fatty acids, \*Esterification, Glycols,  
Ethylenes, Sulfuric acid, Catalysts.

The use of sulphuric acid as the catalyst in the produc-  
tion of synthetic tanning oil on an industrial scale (1)  
significantly reduces the esterification time (2) im-  
proves the quality of the product according to iodine  
number, (3) increases the stability of the product in  
storage and (4) reduces the cost of the finished product  
(Engineering--Chemical, TT. v. 6, no. 3) (over)

Office of Technical Services

Melting-Point Curves with Inflection Points and  
Mixture Gaps of the Liquid Phases in Organic  
Binary Systems, by A. Kofler, 6 p.

GERMAN, par, Zeit fur Anal Chemie, 1948, Vol CXXVIII,  
pp 543-549.

SLA 59-20718

Sci  
Mar 60  
Vol 3, No 1

110,854

TT-63-18232

Kofler, Adelheid.  
CONCERNING HEXACHLOR-CYCLOHEXANES (AND  
THEIR MIXTURES). II. BINARY SYSTEMS. [1963]  
[12p] 13refs  
Order from SLA \$1.60

TT-63-18232

Trans. of Chemische Berichte (West Germany)  
[1951] v. 84 [no. 5/6] p. 427-433. (Abstract available)

DESCRIPTORS: \*Hexachlorocyclohexanes, \*Crystal  
structure, \*Phase studies, Eutectics, Melting,  
\*Molecular isomerism, Insecticides.

The diagrams for the three binary systems possible  
among  $\alpha$ -,  $\gamma$ - and  $\delta$  1, 2, 3, 4, 5, 6-hexachlor-  
cyclohexane were determined on the heated stage  
microscope; the melting curves for stable as well as  
unstable forms were determined. Investigations of  
mixtures with the  $\beta$ -compound were limited to the small  
portion of the diagram containing the eutectic. Forma-  
(Chemistry--Physical, TT, v. 11, no. 6) (over)

I. Kofler, A.  
II. Title: Binary...

1173721

Office of Technical Services

TT-63-18231

Kofler, Adelheid.  
CONCERNING HEXACHLOR-CYCLOHEXANES AND  
THEIR MIXTURES. I. POLYMORPHISM. [1963] [12p]  
(figs omitted) 18refs  
Order from SLA \$1.60

TT-63-18231

Trans. of Chemische Berichte (West Germany) [1951]  
v. 84 [no. 4] p. 376-381. (Abstract available)

DESCRIPTORS: \*Hexachlorocyclohexanes, \*Crystal  
structure, Vapor pressure, Melting, \*Molecular  
isomerism, Insecticides.

In the investigation of six hexachlor-cyclohexanes on a  
heated-stage microscope, polymorphic behaviour was  
noticed for 4 isomers.  $\beta$ - and  $\gamma$ -hexachlor-cyclohexanes  
have 2 monotropic modifications each; the unstable forms  
crystallize monoclinically and are very labile. The  
 $\gamma$ -isomer occurs in three modifications; 1, rhombic,  
(Chemistry--Physical, TT, v. 11, no. 6) (over)

I. Kofler, A.  
II. Title: Polymorphism

1173750

Office of Technical Services



60-18128

Kofler, F[ranz] and Schefels, G[erhard].  
FLOW PROCESSES IN THE HEARTH OF OPEN-  
HEARTH FURNACES, tr. by R. Sewell. [Dec 48]  
[12]p. (1 fig. omitted) 8 refs.  
Order from SLA mi\$2.40, ph\$3.30      60-18128

Trans. of Stahl und Eisen (Germany) 1933, v. 53  
[no. 7] p. 162-167.

1. Open hearth furnaces--  
Performance
  2. Flame velocities--  
Measurement
  3. Title: Flow diagrams
- I. Kofler, F.
  - II. Schefels, G.

Office of Technical Services

(Unannounced)

Steel Wire Patenting Structure in the Electron  
Microscope, by E Neumann, H Kofler.

GERMAN, per, Radex Rundschau, No 6, 1961,  
pp 747-773.

BISI 2887

Sci - Engr

Jan 63

list 157

219, 261

TT-64-10027

Kofler, L.  
THE MICROMELTING POINT DETERMINATION AS  
A PHARMACOPOEIAL METHOD (Die Schmelzpunkt-  
Mikrobestimmung als Arzneibuchmethode). [1963]  
[18p] 12refs  
Order from SLA \$1.60

TT-64-10027

Trans. of Archiv der Pharmazie (Germany) 1940,  
v. 278, p. 350-360.

DESCRIPTORS: \*Drugs, Chemicals, Melting,  
\*Microanalysis,

1. Title: Micromelting  
point determination
1. Kofler, L.

00562

(Chemistry--Analytical, TT. v. 11, no. 5)

Office of Technical Services

A Rapid Method for Obtaining Fusion Diagrams.  
Part II, by L. Kofler, H. Winkler.

GERMAN, per, Monatshefte fuer Chemie, Vol LXXXI,  
No 5, 1950, pp 746-750.

NIH 4-31-63

Sci - Chem

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Jul 63

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Fluorometric and Colorimetric Determination of 2-Methyl-1, 4-Naphthoquinone, by M. Kofler, 13 pp.

GERMAN, per, Helv Chim Acta, Vol XXVIII, 1945, pp 702-707.

NIE 2-9-61

Sci - Med  
Apr 61

145,987

Fluorometric Method for Determining Tocopherol, <sup>57</sup>/<sub>60</sub>  
by M. Kofler,  
FRENCH, per, Hlev Chia Acta, Vol XXVIII, 1945,  
pp 26-31.  
HEB NIB 5-2-67

*M. Kofler*

Sci-DM  
Jan 67

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The Separate Determination of the Tocopherols,  
by M. Kofler, et al,  
GERMAN, per, *Helv Chim Acta*, Vol XXI, No 4,  
1947, pp 1053-1070.  
NEW NLI 4-10-67

M. Kofler

Sci-864  
May 67

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Spontaneous Resolution of 2,4-Dioxo-3, 3-diethyl-5-methylpiperidine into ~~Opt~~ Optical Antipodes, by K. Vogler & M. Kofler, 8 pp.

GERMAN, per, Helv Chim Acta, Vol ~~XXX~~ XXXIX, 1956, pp 1387-1394.

CIA/FID XX-247  
NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Chemistry  
Feb 1957 CIS/dex  
IAC INTERNAL USE ONLY

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Vectocardiography in Cardiological Practice, by  
Walter Kofler, 24 pp.

GERMAN, per, Wschr Kreislaufforsch, Vol XLVI,  
1957, pp 360-373.

Navy Tr 3286/RMS 742

Sci - Med

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Vectocardiography in Cardiological Practice, by  
Walter Kofler, 24 pp.

GERMAN, per, Wechr Kreislaufforsch, Vol XLVI,  
1957, pp 360-373.

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Sci - Med

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Kofler, Walter, Kofler, Adelheid, and Kofler,  
Ludwig.

A MICRO-COLD STAGE AND ITS APPLICATION.

[1961] 26p. (3 figs. omitted) 53 refs.

Order from SLA \$2.60

62-10449

Trans. of Mikrochemie (Austria) [1952] v. 38, no. 3,  
p. 218-231.

DESCRIPTORS: \*Microscopes, Design, \*Micro-  
chemistry, Low temperature research, Instrumen-  
tation, Coolants, Cooling.

On the basis of experience with the micro-hot stage,  
a micro-cold stage was constructed which is simple in  
operation and ready for use at all times. The cooling  
is obtained by vaporization of liquid carbon dioxide.  
An electrical heater installed next to this device makes  
it possible also to pass through the region of room  
(Chemistry--Analytical, TT, v. 7, no. 8) (over)

62-10449

- I. Kofler, W.
- II. Kofler, A.
- III. Kofler, L.

Office of Technical Services

Solubility of Acetaldehyde in Compressed Gases,  
by D. S. Tsiklis, L. I. Shenderoy, A. N. Kofman,  
2 pp.

RUSSIAN, per, Zhur Fiz, Khim, Vol XXXIV, No 4,  
1960, pp 768-772.

Cleaver-Hume Press

Sci  
Feb 61

140,661

Solubility of Acetylene in Acetone and Accompanying Volume Changes, by D.S. Tsiklis, A.N. Kofman, L.I. Shenderov 3 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXVIII, No 9, 1959, pp 2012-2016

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Available Br 5 Library

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(DC-44500)

Accounting For ~~SM~~ and Planning Work Productivity  
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RUSSIAN, per: Vestnik Svyazi, No 2, 1948, pp 20, 21.

JPRS 6656

Sci

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"Calculating and Planning the Productivity of Labor on  
Telegraph Stations"

A. R. Kofman

X-3233

Done by RDB

Research Development Bd.

32T104

Utilisation of the New Synthetic Fibres for Scribbler  
and Semi-Combed Products (Communication No. 1),  
by E. I. Trusvtsev, D. M. Kofman, 6 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Tekh Tekstil  
Prom, No 1 (20), 1961.

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Kofman, D. M., Mikhaylov, S. M., and  
Lyubina, G. I.  
SINGLE-ZONE DRAFTING ON COMBERS AND  
DRAWFRAMES. [1960] 8p. M2026.  
Order from LC or SLA ml\$1.80, ph\$1.80 61-13387

Trans. of Tekstil'naya Promyshlennost' (USSR) 1960  
[v. 20] no. 3, p. 46-49.

A considerable reduction in the irregularity of the  
combed silver can be attained by applying single-zone  
drafting.

(Materials--Textiles, TT, v. 5, no. 5)

1. Cotton--Processing
  2. Threads--Production
  3. Title: Combers
  4. Title: Drafting
- I. Kofman, D. M.
  - II. Mikhaylov, S. M.
  - III. Lyubina, G. I.
  - IV. DSIR LLU M. 2026

Office of Technical Services

Photochemical Changes in Solutions of Egg Albumen  
Occurring Independently From Photodenaturation  
(Biophysics), by E. Kofman. UNCLASSIFIED

RUSSIAN, bimo per, Biokhim, Vol XV, No 6, 1950, pp  
534 - 540.

QQMG Tr  
QMT-213

Scientific - Chemistry

A 5559.

Nov 1951 CTS

The Effect of Adenosine Triphosphate and Denaturation on the Adsorption of Dyes by Gels of Actomyosin and Myosin, by E. B. Kofman, 6 pp.

RUSSIAN, per, Biokhim, No 4, 1961, pp 748-757.

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Mar 62

The Decrease in Stability of Mycsin in Solution and its Adenosinetriphosphatase Activity in Thermal Denaturation and under the Influence of Calcium Chloride, By E. B. Kofman and A. N. Malikova, 7 pp.

RUSSIAN, per, Biokhin, Vol XXV, No 2, 1960, pp 242-250

CB

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Nov 60

On the Photo-Oxidation of the Sulphydryl Groups  
of Dissolved Egg Albumin, by E. B. Kofman, 10 pp.

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1957, pp 215-224.

Pergamon Press

Sci - Chemistry  
Dec 57

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The Changes in the Ultra-Violet Absorption Spectrum  
of Dissolved Myosin on Denaturation, by E. B.  
Kofman, M. B. Kalemkarova, 9 pp.

*Russian,*

~~Full Translation of Soviet Periodical Biofiz~~, Vol  
III, No 4, 1958., 412-420.

Pergamon Inst

Sci - Biol

Apr 59

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Method of Quantitative Determination of Cancer-  
ogenic Hydrocarbons According to Their Fluoresc-  
ence by Means of a Calibrated Photometer, by W. M.  
Bergolz, ~~and~~ E. B. Kofman, 4 pp.

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Scientific - Biology

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TT-61-16874

Kotman, L. S., Besmertnaya, N. S., Ivanova, E. A.,  
Sibiryakova, G. N., and Zaprzyagayev, G. A.  
PRODUCTION OF 1,3-BUTADIENE AND AROMATIC  
HYDROCARBONS BY PYROLYSIS OF HIGHER HYDRO-  
CARBONS OF THE CONDENSATE OBTAINED IN  
CONVERSION OF ETHYL ALCOHOL TO BUTADIENE.

Sp 19ruds  
Order from OTS, SLA, or ETC \$1.10 TT-61-16874

Trans. of Sinteticheskii Kauchuk (USSR) 1934  
(v. 3) no. 8, p. 7-12.

- I. Kotman, L. S.
- II. Besmertnaya, N. S.
- III. Ivanova, E. A.
- IV. Sibiryakova, G. N.
- V. Zaprzyagayev, G. A.

A285081

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

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Sarcoma of the Foot, by L. S. Kaffman, 3 pp-

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pp 215.

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Sci - Med

Jun 59

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Problem of the Transmission of the Energy of  
Hydrolysis of Adenosine Triphosphate to  
Contractile Protein, by L. P. Kayushin,  
Ye. B. Kofman, I. N. Golubev, 4 pp.

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PP

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Jan 62

On a New Class of Spaces and Some Problems of  
Symmetrizability Theory, by Ja. A. Kofner.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 187, No 2,  
1969, pp 270-273.

The Am Math Soc  
Vol 10, No 4, July-Aug 1969

Ja. A. Kofner

Jan 70

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J-2115

Quarterly Report 1 Jan - 31 Mar 1964, by  
O. Kofod-Hansen, F. Heikel Vinther, 1108.

DANISH, pamphlet, Besretning om Atomenergikommissionens  
Virksomhed, 1963, pp 1-12.

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Sci - Phys

Aug 64

A Rapid Method for the Determination  
of the protein Content of Milk, by E.  
Kofrangi, 17 pp.

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SIA 57-3246

Sci

Aug 58

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Oxidation of Titanium, by Kofstad, Karl Hauffe,  
19 pp.

GERMAN, per, Werkstoffe und Korrosion, Vol VII,  
1956, pp 642-649.

AEC Tr 3215

Sci - Chem

May 58

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Kofstad, P.  
KINETIC AND STRUCTURAL ASPECTS OF THE  
OXIDATION OF THE TRANSITION METALS TITANIUM,  
ZIRCONIUM, NIOBIUM, AND TANTALUM.  
[1960] 18p.  
Order from ATS \$29.95                      ATS-66M46N

Trans. of Svensk Kem[isk] Tidskr[ift] 1960, v. 72,  
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(Chemistry--Physical, TT, v. 5, no. 7)

61-12643

- I. Metals--Oxidation
- I. Kofstad, P.
- II. ATS-66M46N
- III. Associated Technical Services, Inc., East Orange, N. J.

ATS/973-NJ

Office of Technical Services

Oxydation A Haute Temperature De Metaux Et  
D'Alliages. (High Temperature Oxidation of Metals  
and Alloys), by Per Kofstad, 18 pp. *oxidation*

FRENCH from GERMAN, per, Tek Ukeblad, Vol CIV,  
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Reverse Translation  
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On the Mechanism of the Oxidation of  $\text{Cu}_2\text{O}$  at  
High Temperatures, by Karl Hauffe, Per Kofstad

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1955, pp 399-404.

AEC Tr 2366  
Assoc Tech Sv Tr 96G7Q

Scientific - Chemistry, electrochemistry  
Feb 56 CTS/dex

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3  
Some Problems in the Economic Development of  
Bulgaria, by Mieczyslaw Balga. 5 pp.  
POLISSI, par. News Digest, No 9, 1961, pp 81-85.  
JPRS 26722

EE-Bulgaria  
Econ  
Nov 61

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(FDD 28202)

On the Problem of the Importance of the Time Factor  
in the Development of Specific Immunity, by L. G.  
Koftanovich, 8 pp.

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munobiol., No 5, Moscow, May 1956, pp 59-63.

CIA/FDD U-8814

Sci - Medicine, immunology  
Oct 56

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The Public Security Department of the  
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Council Published Detailed Provisional  
Measures Concerning Urban Population  
Control in the East China Region, by  
K'o Fu.

CHINESE, np, Chieh-fang Jih-Pao,

April 27, 1952

Department of Commerce  
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*K'o Fu*

Far East-China

281,681

Pol

Jun 65

Why Should Household Investigation  
be Carried Out?, by K'o Fu.  
CHINESE, np, An-tung, Jih-Pao,  
August 7, 1956  
Dept of Comm  
Bureau of the Census

*K'o Fu*

Far East-China  
Pol  
Jun 65

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Why Should Households be Checked  
Again?, by K'o Fu.  
CHINESE, np, Wu-hsi Kung-jen  
Sheng-huo, December 13, 1956.  
Dept of Comm  
Bureau of the Census

Far East:-China  
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Jun 65

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*K'o Fu*

The Vibration Spectrum and Thermodynamic Function <sup>108</sup>  
of Formamide, by M. Kofu,  
JAPANESE, per, Nippon Kagaku Zasshi, Vol 76,  
No 7, 1955, pp 804-807.  
BISI 8027

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M. KOFU

Reaction of Phenols and Anhydrous Maleic Acid  
by Friedel-Crafts Method, by Koga, Hisashi, 7 pp.

JAPANESE, Nippon Kagaku Zasshi, Vol LXXVII, No 8,

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Sci - Chem  
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*IAC Internal Use Only*

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The Vibration of Thin Plate Shaped Quartz Oscillators (With Special Reference to the R1 Cut Rectangular Plate), by I. Koga, H. Fukuyo, 35 pp.

JAPANESE, per, J. Inst Elec Commun Eng Japan,  
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SIA Tr 57-1008

Sci - Electricity

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On the Difference of the Stomach Contents of  
Tuna and Black Marlin in the South Equatorial  
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Sci - Biol  
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On the Stomach Contents of Tuna in the West Indian  
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Sci - Biol  
May 61

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Aspergillosis in Penguins at Ueno Zoo. I. On Treatment  
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*Sh. 3. 57-8-4*  
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Scientific - Biology

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AEC-tr-4482(p.1083-92) Uncl.

THE ACTION OF Au<sup>198</sup> ON THE YOSHIDA SARCOMA.  
Y. Koga and T. Kasai.

C-23 P NSA

*Second Japan Conference on  
Radioisotopes, Feb. 1958*

N-4

AEC-tr-4482(p.1083-92)      Unc1.

THE ACTION OF Au<sup>198</sup> ON THE YOSHIDA SARCOMA.  
Y. Koga and T. Kasai.

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On a General Method of Obtaining the Structural  
Characterizations of Axiomatic Classes, ~~by~~ by  
S. R. Kozalovskiy, 4 pp.

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JPRS L3963

SCI - MED  
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POLYMERS AND MACHINES, BY A. HYADIMOD, A. NOGAN,  
13 PP.

RUSSIAN, LP, PENNSA, 27 FEB 1963.

JPRS 18903

SCI - CHEMISTRY  
MAY 63

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(NY-3000)

POLYMERS IN MACHINE BUILDING, BY A. KOGAN,  
8 PP.

RUSSIAN, NP, EKON GAZETA, 11 DEC 1961,  
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JPRS 13559

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Construction and Use of Maps of curvature for  
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Structure of the Closing Mechanism of the  
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JPRS 17717

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An Apparatus for Combined Dielectroballisto-Electro-  
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Jul 60

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Apparatus for Automatic Determination of the  
Stimulation Threshold, by A. B. Kogan, 5 pp

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(FDD:21598)

Methods of Long-Term Implantation of Electrodes  
for Leading Off Potentials and Irritating the  
Brain, by A. B. Kogan, 71 pp.

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Vzhivleniya Elektrodiv . . . Dlya Otvedeniya  
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CIA/FDD/U-6456

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Sci - Medicine

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**Electrophysiological Indices of Excitation and  
Inhibition in the Cerebral Cortex, by A. B.  
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**RUSSIAN, par, Fiz Zhur SSSR in I. M. Sechenova, Vol  
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