

AEC-tr-4482(p.29-37) Uncl.

UTILIZATION OF RADIOISOTOPES IN THE CHEMICAL
INDUSTRY IN JAPAN. T. Saito.

C-23 F NSA

Second Japan Conference on
Radioisotopes, Feb 1956

N-3

AEC-tr-4482(p.29-37) Uncl.

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on Radioisotopes*

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The Influence of Oxygen on the Properties of
Iron and Steel, II. by Taichi Saito, 15 p.

JAPANESE, per, Tetsu to Hagane, 1951, Vol XXXVII.
No 5, pp 23-30.

SLA 60-10037

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Vol III, No 2

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Post-War Electric Industry in the Soviet Union,
by Tamotsu Saito, 42 pp. UNCLASSIFIED

JAPANESE, bk, 26 Jun 1954, Encl to Report No
IR-1067-54, 6004th Air Intel Br Sq, 22 Sep 1954.
CIA D 113994

AF 642813

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Feb 55 CTS/DEX

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Discussion Meeting on Development of New
Weapons, by Tamotsu Saito, Yoshikata Sugumura,
Shuichi Takahashi.

JAPANESE, per, Arms and Technique, No 1, 1962,
pp 5-17.

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I-1477-A
ID 21985455

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On Electric Power in Agriculture in the USSR, by
Saito, Tamotsu, 24 pp. UNCLASSIFIED

JAPANESE, hr, Aug 1954, Encl to ID-REF 1217-54,
Tokyo. CIA D-179567

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Apr 55 GTS

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Saito, Toshio and Sato, Kazutoshi.
AFTER-TREATMENT OF ETHYLENE AND
PROPENE POLYMER PRODUCTS. July 63, 9p. 4 refs.
Order from SA \$19.00 SA Code-P-55

Trans. of [published] Japanese patent 8595/1961, cl.
26-B-11, appl. no. 29515/1957, 30 Nov 57, pub.
24 June 61, by Mitsui Chemical Industry, Inc.

DESCRIPTORS: *Polyethylene plastics, Processing,
Ethylene, Propene, Polymerization, *Ziegler
catalysts, Separation, Solvents, *Alcohols, Methanols,
Ethanol.

- I. Saito, T.
- II. Sato, K.
- III. Patent (Japan) pub.
36-8 595
- IV. SA Code-P-55
- V. Seizaburo Aoki (Japan)

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(Materials--Plastics, TT, v. 10, no. 4)

63-17675

Salto, Tomiko and Niikio, Masao.
AFTER-TREATMENT OF POLYETHYLENE POLYMER
PRODUCT OF ZIEGLER PROCESS. July 63, 9p. 1 ref.
Order from SA \$19.00 SA Code-P-53

Trans. of [published] Japanese patent 8938/1961,
cl. 26-B-11, appl. no. 19213/1957, 5 Aug 57, pub.
28 June 61, by Mitsui Chemical Industry, Inc.

DESCRIPTORS: *Polyethylene plastics, Processing,
Ethylenes, Polymerization, *Ziegler catalysts,
Separation, *Surface-active substances, Alcohols.

(Materials--Plastics, TT, v. 10, no. 4)

- I. Salto, T.
- II. Niikio, M.
- III. Patent (Japan) pub.
36-8 938
- IV. SA Code-P-53
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Elimination of Dissolved Nitrogen by Aluminum,
by Tuneso Saito, Kazuo Maruya, 19 p.

JAPANESE, per, Nihon Kinzoku Gakkaishi, Vol XVII,
No 1, pp 28-32/

SLA 60-10349

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The Production of Reactor-Grade Graphite, by
Y. Saito, 7 pp.

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pp 16-19. 9079908

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AEC NP-Tr-668

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On the Elimination of the Edge Effect of Electrodes
in the Breakdown of Solid Dielectrics, by Yukio
Saito, 18 pp.

JAPANESE, per; Denki Gakkai Zasshi, Vol LVI, 1936,
pp 1036-1041. 9089546

AEC SCL-T-420

Sci. .. Electricity
Jul 62
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Acrylic Synthetic Fibers IV. Influence of
Additives Upon the Potassium Persulfate-
Sodium Bisulfite Redox Polymerisation
Acrylonitrile, by Masamichi Katayama,
Zenichi Saito, 11 pp.

JAPANESE, per, Kobunshi Kagaku, Vol XIII,
No 129, 1956, pp 11-17.

SLA 60-183451

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Vol IV, No 11
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199, 297

Use of the Optical Model for the Analysis of n - p and
 p - p Scattering at High Energies, by V. G. Grishin,
I. S. Saitov, I. V. Chuvilo, 7 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXXIV,
No 5, 1958, pp 1221-1229.

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Sov Phys - JETP
Vol VII (34), No 5

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Coatings for Patterns, by D. G. Saitsev,

RUSSIAN, per, Lit Profl, No 6, 1954, p 31.

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Scientific - Chemistry

Sep 55 CTS

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Insemination Experts Directly at the Enterprises,
by H. Suvanska, 3 pp. OFFICIAL USE ONLY

CZECH, per, Mas Chov, Vol XXI, No 14, 16 Jul 1961,
p 1.

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EBur - Czechoslovakia
Econ
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Salzmann, G.
RING MODULATOR WITH INTEGRATED FILTERS.
(1962) 32p. 10 refs.
Order from SLA \$3.60

62-16583

Trans. of Cable & Transmission (France) 1961,
v. 15, no. 2, p. 148-157.

DESCRIPTORS: *Modulators, *Electric filters, Low-pass filters, Band-pass filters, Attenuation, Modulation, Impedance, Distortion, *Multichannel telephone systems, Design

The studies by D. G. Tucker and J. Gensel on the functioning of modulators between complex impedances have shown that under certain conditions the overall attenuation loss of a configuration consisting of a ring modulator and filters, can be very low, even zero, - at least theoretically. However, the practical use of (Research Methods--Communication Theory, TT, v. 8, no. 4) (over)

62-16583

I. Salzmann, G.

C222866

Office of Technical Services

Separation of Hafnium From Zirconium and
Production of Pure Zirconium Dioxide, by
N. P. Sajin, E. A. Popalyasva.

RUSSIAN, paper P/694, Proceedings of Interna-
tional Conference, on Peaceful Uses of Atomic
Energy Held at Geneva, 8-20 Aug 1955, Vol VIII.

Internatl Conf -- UN

45,924

Sci - Nuclear Physics
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CIA 1-669.9.162

Production of High Purity Metallic Bismuth, by N. P. Sajin, P. Y. Dalkina.

RUSSIAN, paper P/637, Proceedings of International Conference on Peaceful Uses of Atomic Energy Held at Geneva, 8-20 Aug 1955, Vol IX.

Internatl Conf -- UH

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Sci - Nuclear Physics
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CIA 1-669.9.162

Rapid Analysis of Open-Hearth and Blast-Furnace
Slags, by Istvan Sajó, 6 pp.

HUNGARIAN, per, Bányászati Lapok, Vol V, No 1,
1950, pp 68-70.

BIA 60-18802

Sci

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Effect of Tannin on Experimental Pulmonary Edema, by
J. Sajner.
CZECH, par, Ceskoslovenska Fysiologia, vol. 9, 1960,
pp. 298-299.
NIC 70-16908-06E

J. Sajner

T. Sak.
Studies on the Whole Nerve Action Potential
and Summating Potential Recorded from
Round Window, by T. Sak,
JAPANESE, per. Me, Mimi, Hana, (Eye, Ear, Nose)
Vol 64, 1961, pp 1765-1784.

*ACSI-R-1743

*FSTC-HT-23-1184-72

Jan 72

Studies on Application of Spray Dry Process. Part III. Spray-Drying of Peperment Oil-Gum Arabic-Water Emulsion, by T. Saka.

JAPANESE, per, Kogyo Kagaku Zasshi, Vol 64, No 11, 1961, pp 1998-2001.

NTC 69-11292-07A

T. SAKA

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July 69

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Studies on Application of Spray Dry Pro-⁶¹
cess. Part II. Function of Protective
Colloids in Powdered Flavor Manufactur-
ing Process, by T. Saka.

JAPANESE, per, Kogyo Kagaku Zasshi, Vol
64, No 11, 1961, pp 1995-1998.

NTC 69-11294-07A

T. SAKA.

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Structure of Yubari Coal as Observed From Properties
of Its Bitumen and Pseudo-Bitumen, by Tsutomu,
Sakabe, Inoue, Matsuya, 38 pp.

JAPANESE, per, Honryo Kyokai-Shi, Vol XXXII,
No 319, pp 610-630.

SLA 59-16355

Sci

Jun 60

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Noro Hill, ~~YUJUKKI~~ by Kusaba Sakae, 331 pp.

JAPANESE, rpt, publ by MASU Book Store, Apr 1941.
EDC - Mar 1956

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FE - Japan
Geographic

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Mar 56 CTB/DEX

Hydrogen Overvoltage and Corrosion Potential of
Metallic Titanium (3). Reducing Power of Titanium
Cathode: Electrolytic Reduction of Maleic to
Succinic Acid, by Tajima and Sukee.

JAPANESE, Ter, J Electrochem Soc Japan, Vol XXIV,
No 10, 1956, pp 461-466.

ABLIB-GB39

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Auto-Model II Gas Flow Counter for Large
Area Experiments, by Akira Hattayama, Rikuzo
Sakagami.
J. Appl. Phys., vol. 35, no. 2,
pp. 949-950, 1964 720057
U.S. Govt. Printing Office
Washington, D.C. 20540

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The Kinetics of Saponification of Vinyl Acetate-
Methyl Acrylate Copolymers, by Ichiro Sakurada,
Sakaguchi, Yasuyoshi, *KJ* 14 pp.

JAPANESE, per, *Kobunshi Kagaku*, Vol XVII, No 178,
1960, pp 115-119.

SIA 60-18153

.203, .252

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Sakaguchi, T. and Taguchi, K.
DETERMINATION OF TETRACYCLINE. Pt. 3 of Colorimetric Determination of Tetracyclines with the Use of Th(IV) Reagent. [1961] 5p.
Order from ATS \$6.00

ATS-75N56

Trans. of Bunseki Kagaku (Japan) 1957, v. 6, p.787-790.

DESCRIPTORS: *Tetracyclines, Determination, Reagents.

(Chemistry--Organic, TT, v. 7, no. 3)

62-12212

- I. Sakaguchi, T.
- II. Taguchi, K.
- III. Title: Colorimetric ...
- IV. ATS-75N56
- V. Associated Technical Services, Inc., East Orange, N. J.

107405

Office of Technical Services

Metal Chelate Compounds of Tetracycline Derivatives. Part V. Structure of the Aureomycin-Borate Complex, b, T. Sakaguchi, A. Hanaki, 6 pp.

JAPANESE, per, J Pharm Soc Japan, Vol LXXVI, No 2, 1956, pp 176-180.

Assoc Tech Sv -- 80HLLJ

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ATS-JI-2062

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Metal Chelate Compounds of Tetracycline Derivatives, XI. Isolation and Properties of Tetracycline Metal Chelates, by T. Sakaguchi, K. Inaguchi, 7 pp.

JAPANESE, per, Yakugaku Zasshi, Vol LXXIX, No 11, 1959, pp 1384-1385.

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Sci
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Vol. III, No 11

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61-16539

Sakaguchi, Yasuyoshi and Ishizu, Inamuro.
PREPARATION OF WATER-SOLUBLE DERIVATIVES
OF STARCH BY CARBOXYMETHYLATION. [1961][11]p.
8 refs.

Order from SLA \$1.60

61-16539

Trans. of Sen-i Gakkaishi (Japan) 1958, v. 14, no. 11,
p. 814-817.

DESCRIPTORS: *Starches, Chloroacetic acids, Chem-
ical reactions, Textiles.

Starch was reacted with monochloroacetic acid (CA) in
the presence of NaOH. The effect of the nature of
starches, composition of reaction mixtures, reaction
temperature and time were examined, then it was
observed that water soluble derivatives could be ob-
tained using about 10g CA and about 10g NaOH for 100g
starch. Products with etherification degree higher
than about 0.1mole base/mole were soluble in cold
water. Water soluble derivatives were also obtained
(Chemistry: Organic, TT, v. 6, no. 5) (over)

1. Title: Carboxymethylation
1. Sakaguchi, Y.
11. Ishizu, I.

Office of Technical Services

Sakaguchi, Y.
STUDIES OF THE STERIC STRUCTURE OF HIGH
POLYMERS. (1960) 7p.
Order from ATS \$10.00 ATS-32M47]

Trans. of Kobunshi Kagaku (Japan) 1960, v. 17,
no. 182, p. 333-336.

(Materials--Plastics, IT, v. 5, no. 7)

61-12676

1. Polymers--Molecular structure
2. Title: Steric structure
I. Sakaguchi, Y.
II. ATS-32M47]
- III. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

NCH-202 363 (p. 379-383)

Field 7D

Sakaguchi, Y.; Nishino, J.; Sakai, K.; Tsuda, M.
POLYELECTROLYTIC BEHAVIOR OF COPOLYMERS OF
MALEIC ANHYDRIDE AND STYRENE, VINYL ACETATE,
AND VINYL BENZOATE. Apr 65, 6p, 8 refs.
Order from ICE in International Chemical Engineering,
v5 n2

Trans. of Kobunshi Kagaku (Japan) v21 n235 p673-7 1964.
Another trans. is available from ATS \$14.65 as ATS-13581J.

I. American Institute of
Chemical Engineers
New York, N. Y.

63-16418

Sakaguchi, Yasuoehi; Nishino, Jun, and Nitta,
Takayoshi.

THE EFFECT OF ADDED SOLVENTS ON DEACETY-
LATION OF POLYVINYL ACETATE IN METHANOL.

[1963] 10p. 9 refs.

Order from SLA \$1.10

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Trans. of Kobunshi Kagaku (Japan) 1963, v. 20,
no. 213, p. 86-90.

DESCRIPTORS: *Vinyl radicals, *Acetyl radicals,
*Acetates, Solvent action, Additives, Methanols,
Catalysts, Reaction kinetics.

Deacetylation of polyvinyl acetate was conducted in
methanol using several types of acids or alkalis as
catalyst, and the effect of the added solvents on the
reaction velocity was studied. When a small amount of
water was added to the reaction solution, the deacetyla-
(Chemistry--Organic, TT, v. 10, no. 7) (over)

1. Title: Deacetylation
I. Sakaguchi, Y.
II. Nishino, J.
III. Nitta, T.

1247291

Office of Technical Services

Use of Oxygen for Better Combustion in Blast-Furnace Stoves, in Conjunction With Oil Injection Into the Blast Furnace, by C. Sasaki, et al.

JAPANESE, per, Tetsu to Hagan, Vol XLIX, No 3, 1963, pp 294-297.

HB 6017

Sci-M/H

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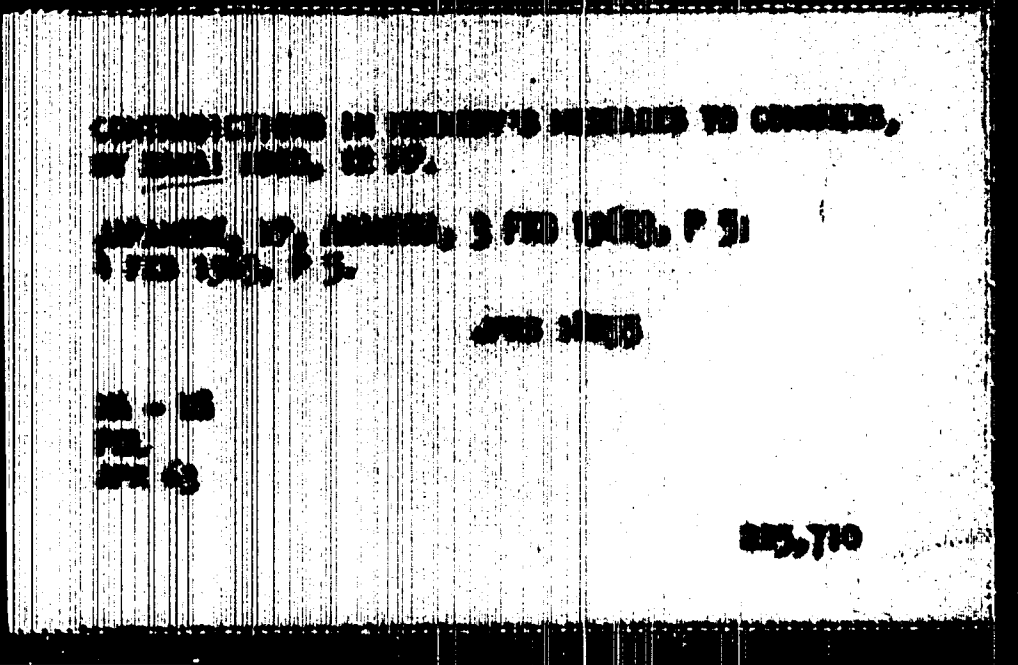
Cysteine Desulphydrase of Avian Tubercle Bacilli,
by F. Ito J. Sakai, M. Yusa, 13 pp.

JAPANESE, per Kekkaku, (Tuberculosis), Vol XXI,
No 10, Oct 1955, pp 569-573.

NIH 9-19

Scientific - Medicine
Nov 56 CTS

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Paint For Rubber, by Kinjiro Sakai, pp.
JAPANESE, Pub. 6531/1956, cl. C
appl. no. 17040/1954, 12 Aug 54, pub.
5 Oct 55.
CPSTI SA Code-P-305.

Kinjiro Sakai
32,093

Sci - Materials
Mar 67

**Spectrophotometric Determination of Trace Amounts
of Metals, by Y. Nakashima, K. Sakai.**

**JAPANESE, rpt Japan Analyst, Vol X, No 21, 1961,
pp 89-93.**

OSID 2357a

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Feb 63**

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Sakai, K. and Teranaka, T.
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ON EXPERIMENTAL TUMORS. [1961] 4p.
Order from SLA \$1.10 61-10432

Trans. of [Kagaku Ryochi] (Japan) 1957, v. 5, no. 5,
p. 222-223.

DESCRIPTORS: *Antibiotics, *Neoplasms.

(Biological Sciences--Pathology, TT, v. 6, no. 7)

PB-

61-10432

- I. Sakai, K.
- II. Teranaka, T.

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Physicochemical Studies on Fused Salts.
III. the Electroconductivity of the Mixed
Fused Salts, (part 2), by K. Sakai,
S. Hayashi, 9 pp.

MEMBER, JAPANESE, per, J. Chem Soc Japan,
Pure Chem Sect, Vol LXXVI, 1955, pp 101-104.

ABC TR 2381

Sci - Chemistry, Electricity 32,470

A Direct Spinning and Dyeing of Nylon
Filaments, by E. H. Harnsbee, H. S. Sams.
JANUARY, Patent 2,810,308
IPC (9-10) 31-118

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July 69

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Physico-Chemical Properties of Fused Salts. II.
Electric Conductivity of MX a Mixed Salt (part 1),
by Kazuo Sakai, 15 pp.

JAPANESE, per, Journ.Chem.Soc.Japan, Pure Chemistry
Section, Vol LXXV, 1954, pp 186-189.

B.L.A. No 388/1956

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Physico-Chemical Properties of Fused Salts. I.
Electric Conductivity of Simple Salts. II.
Electric Conductivity of Mixed Salts (Part 1), by
Kaoru Sakai, 23 pp.

JAPANESE, *per*, J. Chem. Soc. Japan, Pure Chem. Sect,
Vol LXIV, 1954, pp 182-189.

No II Part I
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AEC Tr 2069

S.H.A. 388/1956

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Possible Band Structures in Nuclear Levels,
by Mitsuo Sakai, 18 pp.

RUSSIAN, rpt, pp 66-74. 9215566

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Sci - Nucl. Sci

Dec 63

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TT-64-14315

Sakai, Toshikazu, Ikeda, Tsuguo, Chiba, Takeo and
Obara.
ON TEST OF ATMOSPHERIC CORROSION RESISTANCE
OF FUJI COR-TEN STEEL, PT. 2. [20 Jan 64] [23p]
Order from SLA \$2.50 TT-64-14315

- I. Title: Corten steel
- I. Sakai, T.
- II. Ikeda, T.
- III. Chiba, T.

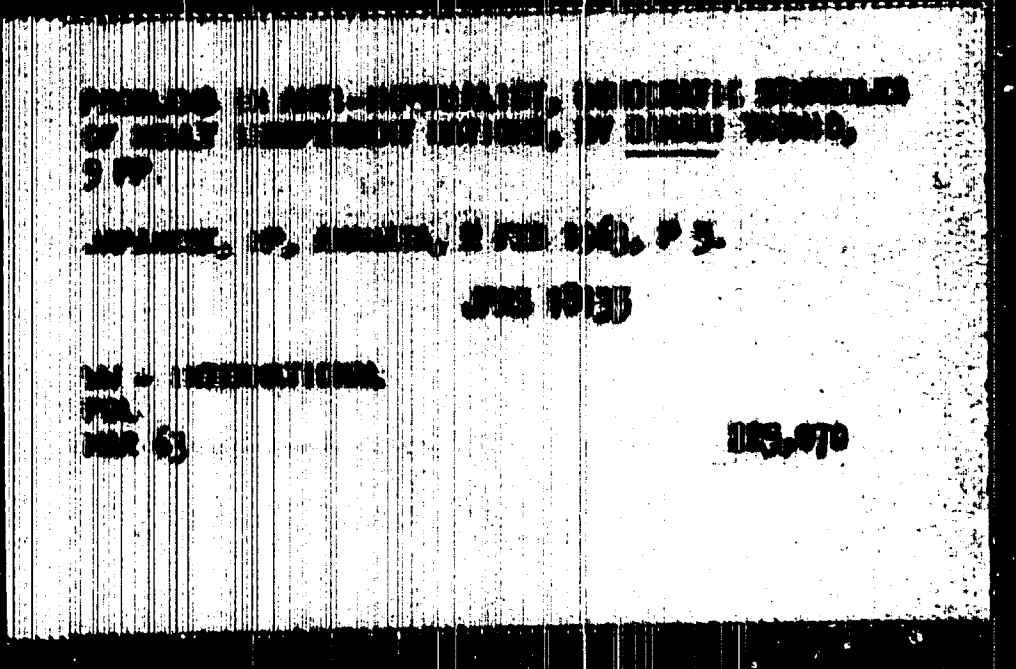
Trans. of [Fuji Sankai Goho] (Japan) 1963, v. 12,
no. 21, p. 143-154.

DESCRIPTORS: *Steel, *Corrosion inhibitors, Atmos-
phere, Surfaces, Corrosion

1173503

(Metallurgy - Corrosion, TT, v. 11, no. 7)

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Physico-Chemical Studies on Fused Salts. III 90
Electric conductivity of mixed salts,
by Sakai, Kaoru,
JAPANESE, per, J of Chem Soc, Vol LXXVI, 1955,
pp 101-104.

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Sci - Phys-Chem
Pub 66

Study on Digital Electronic Computers at Kyoto
University by K. Maeda, T. Sakai, T. Tanaka.
UNCLASSIFIED

JAPANESE per, Denki Tsushin Gakkai.

USASIA Tr 9728

Sci - Electron

Feb 58

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

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

S.L.A. Tr 57-28 253

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May 57

Physics
~~Electronics~~

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Electrons and X-Ray Diffraction on Nickel Anode.
III. Study on Anode Products by X-Ray Diffraction,
by T. ~~Kiy~~ 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

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Semiconductive Films, by Z. Sakai,
JAPANESE, per, Denki Kagaku, Vol XXX, 1962,
No. 82-84,
ATA (S-7)

Z. Sakai

Sci-Phys
Apr 67

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The Transformation of a Wall in a Medium Owing to
the Blast Pressure Waves, by Dr of Engr Kiyoshi Muto,
Isao Uemura, Yoshio Sakai, 17 pp, (ID 1052197B)

JAPANESE, publ Japan, 1949.

ID CSUEA F-6675 B

FE - Japan
Sci - Engineering

DEX Jun 52 CIB

CIA 800952

A-8263

The Vibration of Body in a Medium Owing to the
Blast Pressure, by Dr of Engr Kiyoshi Muto, Isao
Umamura, Yoahio Sakai, 22 pp, (ID 1092197 F).

JAPANESE, publ Japan, 1949.

ID GSUSA F-6675 F

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Sci - Engineering

CIA 100952

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Dynamic Viscoelastic Properties of Asphalt, by
S. Sakajiri,
JAPANESE, per, Nihon Kagaku Zasshi, 82K Vol
LIXXIV, No 5, 1963, pp 90-92.
ATS 65870J

Sept 66

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CRISIS IN THE HONGKONG REGION: THEORY AND PLOTS OF
ANTI-PARTY ELEMENTS, BY WANG HONG, ID 77.

HONGKONG, CP, RESEARCH, SECRET, 11 MAY 1962.

PLS 19787

PL-8721
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**On the Use Of Point Cathodes In Electron Optics
by Y. Sakai and G. Müllenstedt.**

ZEITSCHRIFT FÜR OPTIK, Vol XIII, No 5, 1956, pp 193-200.

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Oct. 62

**Electrostatic Prints and Some Properties of Asphaltic
Surfaces Active Agents, by Seizuro Sakakibara
and Masaji Kanda.**

**JAPANESE JOURNAL OF APPLIED PHYSICS, 1957, vol. 6
no. 10, pp. 1297-1299.**

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Seizuro Sakakibara

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SAKAKIBARA, A. and ARAKI, T.
SELECTION OF CATALYSTS FOR OBTAINING
PHENOLS. Pt. 3 of Studies of the Hydrogenolysis of
Lignin under High Pressure. [1961] 8p.
Order from ATS \$16.25 ATS-57N55]

Trans. of Mokuzai Gakkaishi (Japan) 1961, v. 7, no. 1,
p. 19-23.

DESCRIPTORS: *Phenols, Synthesis, *Catalysts,
Catalysis, Lignin, Hydrogen, Pressure.

ATS-57N55-3157

(Chemistry--Organic, TT, v. 7, no. 1)

01-25709

- I. Sakakibara, A.
- II. Araki, T.
- III. Title: Studies ...
- IV. ATS-57N55]
- V. Associated Technical
Services, Inc., East
Orange, N. J.

184305

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62-12-17

Sakakibara, E., Hagiwara, K. and others.
PURIFICATION AND CRYSTALLIZATION OF THE
ANTIBODY-PROMOTING FACTOR. Pt. I. on Studies
of the Antibody-Promoting Factor. [1961] 8p.
Order from ATS \$11.50 ATS-68N57]

Trans. of Nihon Sankagaku Zasshi (Japan) 1959,
v. 14, no. 10, p. 868-872.

DESCRIPTORS: *Antibodies, Purification,
Crystallization.

(Biological Sciences--Biochemistry, TT, v. 7, no 9)

I. Sakakibara, E.
II. Hagiwara, K.
III. Title: Studies . . .
IV. ATS-68N57]
V. Associated Technical
Services, Inc., East
Orange, N. J.

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Office of Technical Services

63-17656

Sakakibara, Seizaburo, Aoki, Horiishi, and
Kuwahara, Michichika.

POLYOXYMETHYLENE COMPOSITION. 6 July 63,
10p.

Order from SA \$16.00 SA Code-P-94

Trans. of published Japanese patent 8724/1962,
cl. 25-H-712, appl. no. 10,491/1960, 31 Mar 60, pub.
19 July 62, by Teikoku Jizokenshi Co., Ltd.

DESCRIPTORS: *Epoxy plastics, *Formaldehyde,
*Methanes, Oxides, Acetates, Production,
Halohydrins, Phenols, Sodium compounds, Sulfides,
Oleic acids.

- I. Title: Paraaldehydes
- I. Sakakibara, S.
- II. Aoki, H.
- III. Kuwahara, M.
- IV. Patent (Japan) pub.
37-8724
- V. SA Code-P94
- VI. Seizaburo Aoki (Japan)

Office of Technical Services

(Materials--Plastics, TT, v. 10, no. 4)

Expounders of Napoleon's Military Science, by
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