

A. Instructional Methods Exercises With the Sergeant Reconnaissance Scouts, by Ya. Ya. Malakhov; B. Methods of Moving on the Terrain and Masking of the Soldier, by A. K. Saikin; C. Advice as to Method of Training ESTIMATING Distances by Eye, by V. Alakseyev; D. Drawing up a Company Schedule of Exercises, by D. Pavlov; E. Plan-Summary, by Major Sushkov, 58 pp, (ID 580484). UNCLASSIFIED

RUSSIAN, per, Voyakovaya Razvedka, No 17, 1946, Military Publ House, Min of the Armed Forces of the USSR, pp 6-15; 15-22; 23-36; 36-45; 45-50.

ERA D 148338

G-2, GSUSA G-3699

USSR - Military

CTB 63/Dec 54

20,806

Determining the Location of Water-Petroleum Contact
by the Isobar Chart, by S. F. Saikin.

RUSSIAN, per, Neft Khoz, Vol IV, 1957, pp 21-26.

Tech and Com
\$45.00

Sci - Engr

App 58

61,454⁶

Mercury and Silver Compounds With Diethylthio-
phosphates, by V. F. Toropova, M. K. Saikina,
N. K. Litskaya, 9 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol VI, No 9,
1961, pp 2086-2090. 9098296

AEC Tr-4736

Sci - Chem
Apr 62

189, 955

Thermographic Study of the Isomerization of Cyclic
Phosphorous Esters of Glycols Containing a Six-
Membered Ring Under the Action of Alkyl Halides, by
B. A. Arbutov, V. M. Zorostanova, M. K. Saikina,
DOKL 6 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 9,
1959, pp 1579-1584.

CB

Sci
May 61

152,797

The Polarographic Study of Certain Metallo-
Organic Compounds, by V. F. Toropova, M. K.
Saikina, 9 pp.

RUSSIAN, per, Sbornik Statei po Obshchei
Khimii, Vol I, 1953, pp 210-215. CIA D
449976

Def Sci Info Sv
DHR, Canada
T 191 R

33,079

Sci - Geophysics, Chemistry, Minerals/Metals

Apr 56

**Abstracts of Wind Pressure Loading of
Structures, by A. V. Gikhalov.**

**A. V. Gikhalov, V. P.
Korotkiy, per. Tekhnicheskoye Soudeniye, No 1, 1962.**

**12 p. 12.
12, 1962. 12-12.
12, 1962. 12-12.**

**12 - 12
12 - 12
12 - 12**

12, 1962

Separation of Groups of Elements by Ion Exchange.
III. Elements of the Copper Group, by B. K.
Prachazhenskiy, Tu. P. Saikov, 5 pp.

RUSSIAN, per, Radiokhin, Vol II, No 1, 1960,
pp 68-72.

ABC-tr-4576
PL-480

Sci

Jul 62

PST 555

205,445

Gas Characteristics of an Optico-Acoustic
Gas Analyzer, by A. O. Saif, 3 pp.

RUSSIAN, per, Optika i Spektro, Vol VIII, No 2,
1960, pp 247-*f*

OSA

Sci

149 084
/

Apr 61

The Connection Between the Texture and Properties of
Electrolytic Nickel Deposits, by G. S. Vozdvizhenskiy
R. S. Saifullin.

RUSSIAN, *Dokl. Akad. Nauk SSSR*, Vol XXXII, No 4, 1958,
pp 831-833.

ATB RJ-2060

Sci - Chem
Dec 59

104,067

Investigation of Electrical Steels with Yield
Points of ~~500~~ 60 kg/sq mm, by Saillard.

FRENCH, per, Travaux, No 9, 1954, pp 437-451.

~~Co-op Tr Sch Tr 596~~

Sci - Min/net
Jan 58

57,726
SLA 51-16756

Saillard, M. Y.
BUILDING METHODS IN EASTERN EUROPE: PRE-
CAST CONCRETE RESEARCH AND CONSTRUCTION
IN EASTERN GERMANY, HUNGARY AND THE USSR,
[1961] [62]p.
Order from SLA \$6.60

61-18962

Trans. from Institut Technique du Bâtiment et des
Travaux Publics [Paris], Annales (France) 1956
[v. 9] Sep.

DESCRIPTORS: Structures, *Concrete, *Construction,
Germany, Hungary, USSR.

(Engineering--Civil, TT, v. 6, no. 9)

61-18962

L. Saillard, M. Y.

Office of Technical Services

Activity of R Bacteria Possessing Deoxyribonuclease
Activity, by R. A. Gaimanova, D. V. Yuzupova, Sib.
Mikrobiologiya, Vol XXXII, No 1, 1968,
1-2 p.

00 245,993

Representation of Semigroups by Means of Binary
Relations, by B. M. Sain, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLII, No 4,
1962, pp 808-811.

Amer Math Soc
Vol 3, No 1

Sci - Math

211, 553

Sep 62

Scientific Aspects of the Utilization of Surplus
Sugar-bearing Materials, by M. Sainsclivier.

GERMAN, Ger, Ind Agr Alimentaires, Vol LXX, 1953,
pp 387-394.

INSDOC-72838

Sci

Jul 59

92,456

The Use of the Electron Micro-Scope for the Evaluation of the Molecular Weight and of the Polydispersity of Methyl Polymethacrylate, by A. G. Masini, G. Ostacoli, G. Saini, G. Maldifassi, L. Trossarelli.

ITALIAN, ~~MEMO~~, pamphlet, Symp Macromol Chem Pap, Milan, Turin, 1954, 13 pp.

TPA3/TIB T 4455

Weur - Italy
Sci - Electronics, Physics

29,392

Viscosity of Polymetaphosphate Solutions in
the Presence of Salt, by Guido Saini, 12 pp.

ITALIAN, per, Annali di Chimica, Vol XLII,
1952, pp 227-238.

SLA 60-23421

Vol 7, No 5
Jul 51

160,168

Review
Lunar Vehicles, by D. St. Andreescu, 125
ROMANIAN, per, Stiinta si Tehnica, No 9, 1963,
pp 30-32. P100218167
FTD-HT-66-152

Sci-Space Tech
Aug 67

.330n162

Queensland Fever (Q-Fever) in Man and Its Connection
With Rickettsiosis in Domestic Animals, Especially
With That of Goats, by St. Angelax, 51 pp.

BULGARIAN

~~RUSSIAN~~, per, Iz Mikrobiol Institut, Sofia, Vol II,
1951, pp 3-23.

NIE

SLA 57-1756

Scientific - Medicine
CTS/DEX

5902

A Very Special Prototype, by A. Satin-Arnaud, 1 p.
FRENCH, per, Aviation Francaise, No 5, 7 Mar 1954.

SLA 58-485

Sci

Aug 59

61-20928

I. Saint-Aunay, R. V. de

Saint-Aunay, René Vainer de.
POLYMERIZATION AND DECOMPOSITION OF HY-
DROCARBONS UNDER THE ACTION OF ELECTRIC
DISCHARGES (Polymérisation et Dédoublement des
Carbones d'Hydrogène sous l'Influence de l'Effluve
Electrique). [1961] 35p. (9 figs. omitted) 31 refs.
Order from S.I.A. \$3.00 61-20928

Trans. of Chimie et Industrie (France) 1933, v. 29,
no. 5, p. 1011-1025.

DESCRIPTORS: Polymerization. Decomposition.
Hydrocarbons. Electric discharges

(Unannounced)

217170

Office of Technical Services

(DC-1689)

For the Improvement of Mass Agricultural Education,
by St. Dinu, 6 pp. UNCLASSIFIED

ROMANIAN, no per, Probleme Agricole, Vol IX, No 12,
Bucharest, Dec 1957, pp 89-93.

US JPRS/DC-L-423

EEur-Romania
Eco-Agriculture

66,079

(NY-5600)

Agricultural Circles and Land Improvement, by I.
Zaraycki, St. Dobrosiej, 7 pp.

POLISH, per, Now Rolnictwo, Vol IX, No 19,
1 Oct 1960, pp 9-11.

JPRS 7929

ESur - Poland

144,271

Econ

Mar 61

The Effect of Metrl Anoxia on the Central Nervous System, by A. Minkowski, S. Sainte-Anne-Dargaudes, 47 pp. UNCLASSIFIED

FRENCH, per, Rev Franc Etudes Clin et Biol, Vol I, No 5, 1956, pp 531-553.

NIH 2- 33

Sci - Med

60,299

Mar 58



Type II Coccyphalus, by
I. Geoffroy Saint-Hilaire, 571 pp.
Histoire, ou, Histoire Generale et
Particuliere des Anouetis de
l'Organisation, J.-B. Bailliere, Paris.
no 2, 1856 (Partial Translation,
pp 381-588.
III-12-23-64

38

I. Geoffroy Saint-Hilaire

Sci/11/4
Sep 65

288,775

(NY-5731)

Effectiveness of Outlays for Agricultural
Mechanization, by St. Okolo-Kulak,
7 pp.

POLISH, per, Nowe Rolnictwo, Vol IX, No 21,
1 Nov 1960, pp 14-16.

JPRS 7989

ESur - Poland

144,273

Econ

(DC-1689)

Development of Agriculture in Bucharest Region in
the Years of the People's Power, by St. Pavel, 10 pp.
UNCLASSIFIED

ROMANIAN, no per, Probleme Agricole, Vol IX, No 12,
Bucharest, Dec 1957, pp 67-75.

US JPRS/DC-L-423

ESur - Rumania
Eco - Agriculture

66078

(DC 1806)

The Revolution Betrayed, by Eugene Saint-Bastien,
3 pp. UNCLASSIFIED

FRENCH, no par, La Nation Socialiste, Vol III, No 6,
Paris, Mar 1958, p 2.

US JPRS/DC-L-214

WEur - France
Pol - Communism
May 58

62,977

J-2043

by E. Saint-Bastien

FRENCH, ~~par~~, La Nation Socialiste, Vol III, No 6,
p 2, 11, Mar 1958.

Apr 58

62-18516

I. St. Clair, W. E.
II. Patent (Germany)
1 123 667

St. Clair, William Edward.
METHOD FOR THE PREPARATION OF MONOMERIC
AND POLYMERIC GLYCIDYL ETHERS. [1962] 5p.

3 refs.
Order from OIS or SIA \$1.10

62-18516

Trans. of German patent 1,123,667, K 31099 IV d/39 c,
cl. 39 c 30, internat. cl. C 08 g, appl. 12 Feb 57, pub.
26 Apr 62, by Koppers Co., Inc.

DESCRIPTORS: •Glycidyl ethers, Preparation, Phenols,
Acetyl plastics, Halohydrins, Hydroxides

A method for the preparation of monomeric and poly-
meric glycidyl ethers by the reaction of phenolic com-
pounds with epichlorohydrin in an alkaline medium is de-
scribed. The method is characterized in that a uni- or
multivalent phenol or a novolak is dissolved in an excess
amount of epichlorohydrin needed for etherification, and
(Materials--Plastics, "T", v. 9, no. 10) (over)

Office of Technical Services

C.N.E.S. Ground Tracking Stations, by J. Saint-Etienne.
FRENCH, per, Revue Française d'Astronautique,
No 4, 1964, pp 123-129.
NASA TT F-9309

Sci-EE/A
Jun 68

U.S. GOVERNMENT ONLY

281,040

On the Variation KX as a Function of a Parameter of
the Probability of a Phenomenon which may Appear as
One of Two Alternatives, by R. Saint-Guilhem,
R. Loison, J. Ulmo

SEE
FRENCH, Ann. Min., Paris, 139 (4), 3-9, 1950.

Ministry of Fuel and Power Tr No 3603 OT/186

Scientific Electricity

A 7185

A Method of Relative Evaluation of the Condition
of a Stock and Prediction of Expected Catch of
Fishes Having a Short Life Cycle, by Liudiya St.
Ivancv.

195,585
195,585

UNCLASSIFIED

Fisheries Res Bd of Canada
Biological Station
P. O. Drawer 100
Nanimo, B. C. Canada

Sci
May 62

195,585

61-20955

Saint-Jacques, Camille and Poupet, Louis.
ROASTING AND AGGLOMERATION OF DUSTS AND
POWDERED ORES IN THE SAINT-JACQUES SYS-
TEM TURBULENCE FURNACE. Communication
presented at the International Congress of Mines,
Metallurgy and Applied Geology (no. 7) [held at]
Paris, 20-26 Oct 35. [1961] 15p. 1 ref.
Order from SLA \$1.60

61-20955

Trans. of Revue de Metallurgie (France) 1935, v. 32,
p. 581-588.

DESCRIPTORS: *Particles, *Powder metallurgy,
Ores, Gases, Temperature, Heating plants, Blast
furnaces, Rotary furnaces, Turbulence, Smelting.

(Unannounced)

- I. Title: Saint Jacques system
- I. Saint-Jacques, C.
- II. Poupet, L.
- III. Title: International...

217167

Office of Technical Services

(Doc. 4000)

The Work of the Technical-Economic Council is
Efficient, by Kapitan St. Keychev,

BULGARIAN, ¹⁷np, Narodna Armiya, No 3596, 15 Apr 60,
p. 2.

*JPRS

EEur-Bulgaria

Military

21 Jun 60

A New Attempt to Explain the Phenomena of Color Centers, by D. Saint-James, 5 pp.

FRENCH, par, Jour Physique Radium, Vol XVII, 1956, pp 907, 908.

ABC BCL-195

81.1 - Phys

Oct58

75,583

Automatic Analysis of Gases, by D. Saint-James,
12 pp.

FRENCH, per, Chem Anal, Vol ~~XXIV~~^{XXV}, pp 31-38,
1955.

BLA 57-1701

Jul 58

69,926

Saint-James, Daniel.
COLORED CENTER IN ALKALINE HALOGENS.
[1962] [47] p. (22 figs. omitted) 61 refs.
Order from SLA \$4.60 62-16519

Trans. of Journal de Physique et le Radium (France)
[1957] v. 18 [no. 4] p. 260-279.

DESCRIPTORS: *Color centers, *Crystals, *Alkali
metals, *Halogens, Colors, *Colloids, Radiation
effects, Resonance absorption, Spectrographic analysis,
Bibliography

(Physics--Solid State, TT, v. 8, no. 7)

62-16519

I. Saint-James, D.

Office of Technical Services

Separation of Zirconium From Hafnium, by J. Huse,
R. Saint-James.

FRENCH, paper P/347, Proceedings on International
Conference on Peaceful Uses of Atomic Energy Held
at Geneva 8-20 Aug 1955, Vol VIII.

Internatl Conf -- UN

46, 104

Sci - Nuclear Physics
Apr 57

CIA 1-669.9.162

S.A. Saint-Milcou

The Effect of Oestradiol-Iodine Fixation in the
Thyroid, by St Milcou, et al.

HUMANIAN, paper P/1099, Proceedings of International
Conference on Peaceful Uses of Atomic Energy Held
at Geneva 8-20 Aug 1955, Vol X.

Internatl Conf -- UN

Sci - Nuclear Physics

CIA 1-669.9.162

52,724

Saint Milcou

Action of Chlorophenothiazine on 131 Concentration in
the Thyroid of the Albino Guinea Pig, by St Milcou,
et al.

RUMANIAN, paper P/1098, Proceedings of International
Conference on Peaceful Uses of Atomic Energy ~~XXXX~~ Held
at Geneva 8-20 Aug 1955, Vol X.

Internati Conf -- UN

Sci - Nuclear Physics

CIA 1-669.9.162

52, 723

Saint Milcou .

Influence of Central Nervous System Dynamics on
Iodine Fixation in the Thyroid, by St Milcou, et al.

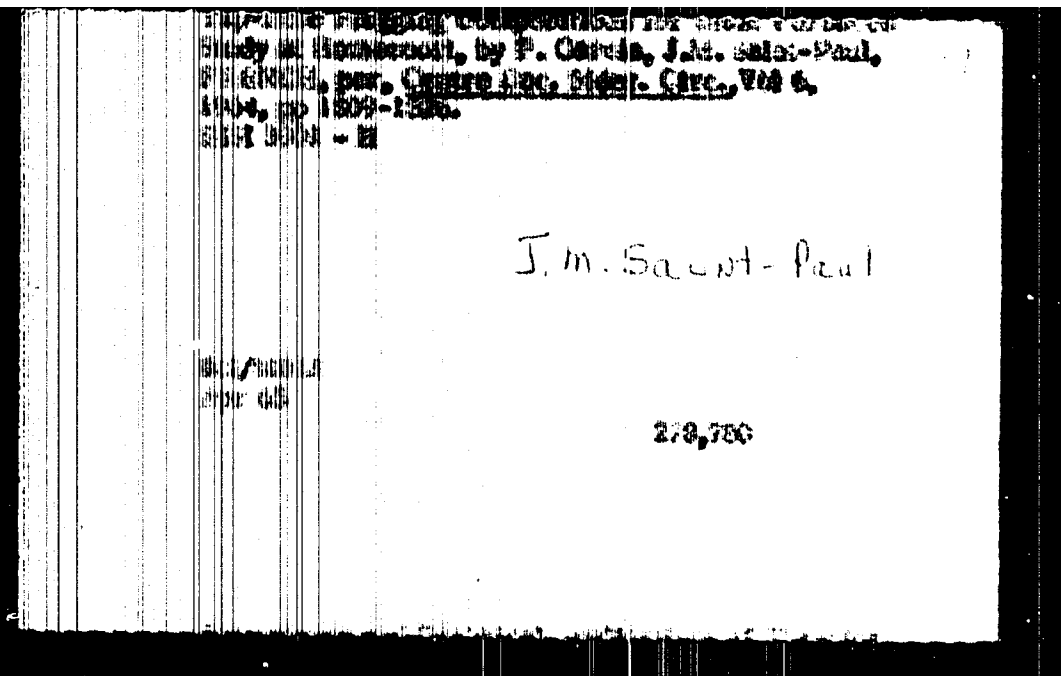
RUMANIAN, paper P/1097, Proceedings of International
Conference on Peaceful Uses of Atomic Energy Held
at Geneva 8-20 Aug 1955, Vol X

Internatl. Conf -- UN

Sci - Nuclear Physics

CIA 1-669.9.162

52,722



Immuno-Electrophoretic Study of the Hemagglutinins
of Human Serum, by R. Faure, J. M. Fins, M. Saint Paul,
16 pp.

FRENCH, per, Bull Soc de Chimie Biol, Vol XXXVII,
No 7-8, 1955, pp 783-796.

NIH 4-16-61

Sci - Med
Jul 61

158, 329

The 1980s of Southern Hemisphere...
Cartography based on the Resistance of the...
to the... of the...
3 1/2

BRISBANE per Book At Hand SSSR, Vol. 100, 1981,
1981. on the

Area Year of 1980
Boy Phys - 1981
Vol. 100, 1981

1981 - Phys

1981

1981

SECRET

(NY-3154).

Cargo Carriage on Through Bills of Lading, by St.
Sokol-Bzabina, 10 pp.

POLISH, per, Technika i Gospodarka Morza, Vol IX,
No 7/8, (Krynica, 1959, pp ~~30-306~~. 209-211.

JPRS-2017-W

EUR - Poland
Econ - Transportation (Maritime)
Dec 59

101,471

The Winding of Impregnated Glass Fibers, by
Arthur Isbolkoff, Georges Saintout.

GOVERNMENT USE ONLY

FRENCH, per, Woven Glass-Reinforced Plastics,
No 4, 15 May 1963, No 5, 5 June 1963.

NAV/NIC/IRAN-2703-68

Sci-Materials

Jan 69

373,166

Sci/FUELS/chemistry C

The Use of Colloidal Graphite and Admixtures in Lubricating
Oils, by Dr Alfredo E. Sainz, 20 pp. UNCLASSIFIED
SPANISH, Informaciones Petroleras, Vol XXVI, Mar/Apr 1949.

Navy Tr 126/BuShips 377

A10748

The Distribution and Excretion of Radioactive
Ruthenium (^{106}Ru) in Man, by Eizo Saitohji.

JAPANESE, *per*, Radioisotopes, Vol IX, No 3, 1960,
pp 275-281. 9205005

AEC-NF-TT-931

Sci - Biol.

Apr 63

426,850

Study of Phosphating Films with X-Rays and
Electron Diffraction, by J. J. Trillat, J. Saison.

FRENCH, par, Memoires (Les) Scientifiques de la
Revue de Metallurgie, Vol LVIII, Jul 1961,
pp 496-512.

BISI 2787

Sci - Phys

Jan 63

List 157

219, 260

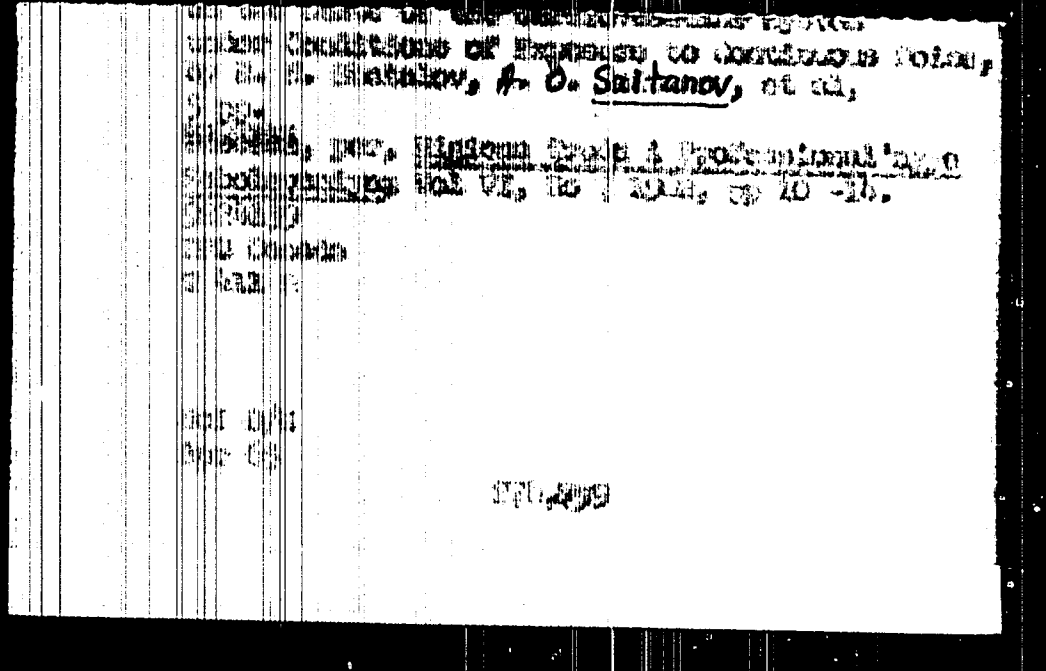
Dehydration of Phosphatization Layers, by
J. J. Trillat, J. Saison.

UNKNOWN, per, Corrosion and Anti-Corrosion,
Vol IX, No 11, 1961, pp 357-363.

XXXXX
IRI/T.461

Sci-Materials & Metallurgy
May 63

229,857



The Electrocardiogram of Healthy Rabbits in Standard
and Chest Leads and Methods of Recording It, by
A. O. Saitsnov, 7 pp.

RUSSIAN, per Ryul Ekspoz i Med, Vol XLIX, No 6,
1960, pp 102-108.

(3)

Sci

Feb 61

138,590

Nine Years Butter Storage, by Magnus Saltner, 44 pp.
UNCLASSIFIED

GERMAN, per, Deutsche Molkerei-Zeitung, Kempten,
No 17-20, 1941.

QNT Tr 486

EEur - Germany
Economic
CTS/DEX

11,271

Studies on Blood Catalase (II) Microassay Method
for Blood Catalase, by Koichiro Saito.

JAPANESE, por, Igaku to Seibutsugaku, No 14,
1949.

NIH 3-6-63

Sci. - Biol./Med Sci.

Jul 63

235,614

Continuous Preparation of Benzothio-
cyclobutanes, by Kojiro Saito, Masuyoshi
Shimozaki, Kazuhiko Nakamura, J ID.
JAPANESE, patent publication Showa 25-1378,
1970.
SLA IT-C-2073

Kojiro Saito

398,718

Sci
Aug 67

On the Characteristics of a Centrifuge, by
Y. Mori, R. Aoki, A. Saito, T. Tsuchida, M. Nobue,
19 pp.

JAPANESE, per, Chemical Engineering, Vol XXII, 1958,
pp 7-15.

AEC 3342

Sci - Engr

Oct 58

74,603

Saito, H. and Kajiwara, M.
STUDIES ON SYNTHETIC REACTION OF PHOS-
PHONITRILIC CHLORIDES. Rept. 1 of Studies on
Phosphonitrilic Chlorides. [1963] 7p
Order from SLA \$1.10

TT-63-20688

Trans. of [Kogyo Kagaku Zasshi] (Japan) 1963, v. 66,
no. 5, p. 618-620. (Abstract available).

DESCRIPTORS: *Elastomers, *Phosphonitrile
chlorides, Synthesis (Chemistry), *Phosphorus
compounds, *Ammonium compounds, Reaction
kinetics.

When $(\text{PNC})_n$ is synthesized by the reaction of
phosphorus pentachloride with ammonium chloride
with $\text{CHCl}_2\text{CHCl}_2$ as solvent the reaction is very
complicated, and depending on reaction conditions
the synthetic product is obtained as mixture of
different compounds with different yields. Experiment
(Materials: Elastomers, TT, v. 11, no. 3) (over)

TT-63-20688

- I. Saito, H.
- II. Kajiwara, M.
- III. Title: Studies ...

Office of Technical Services

AEC-tr-4482(p.860-78) Uncl.

CONTINUED EXPERIMENTAL STUDIES ON THE
STORAGE OF IRON WITH Fe^{55} AND Fe^{59} . H. Saito,
S. Sugishi, S. Washino, H. Kyotei, Y. Terada,
and I. Igami.

C-23 P NSA

*Second Japan Conference on
Radioisotopes, Feb 1955*

N-8

The Modulus of Elasticity, Temperature Coefficient
of Ni-Cu Series Alloy, by Hekaru Masumoto, Hideo Saito,
20 pp. ✓

JAPANESE, Feb 1944.

34,440

S.L.A. No 246/1956

Scientific - Minerals/metals

Protective Measures Against Heat in
High-Temperature Industrial Plants, by
Hajime Saito, 8 pp. UNCLASSIFIED

JAPANESE, per, Rodo no Kagaku, Oct 1957,
Encl. to IR 5620-57, 600th AISS.

AF 1159248

FE - China
Econ - Chinese plants, labor science
Soc
Mar 58

60, 072

The Influence of Addition of Nickel on the Thermal Expansion, the Rigidity Modulus and Its Temperature Coefficient of Alloys of Cobalt, Iron and Vanadium Part II. Alloys Containing 20 and 30 percent Nickel by Hakaru MABUMOTO, Hideo SAITO, Kimiyoshi GOTO, 6 pp.

JAPANESE, no per, Journal of the Japan Institute of Metals, Vol XIX, No 8, Aug 1955, Encl to IR-4889-56 6004th Air Intel Sv Sq.

AF 1068724

Sci - Min/Metals
Feb 1957 CTS/dex

43,457

Distribution Equilibria of Alkali Chlorides 59
in the water-n-butanol System, by
SAITO, Shosaburo, et al,
JAPANESE, per. Nippon Kagaku Zasshi. Vol LXXIX,
1958, pp 1492-1495.
AEC ORNL-tr-1179

Saito, Shosaburo

Sci-Chem
May 67

326,223

Thermal Expansion Coefficient, Rigidity Modulus
and Its Temperature Coefficient of Alloys of
Iron, Nickel, Cobalt and Chromium (II). Rigidity
Modulus and Its Temperature Coefficient and
Relation Between Coelinvar and Elinvar, ~~Supp~~ by
Hakaru Masumoto, Hideo Saito, Yutaka Sugai, 5 pp.
~~JAPANESE~~ (file) (file) (file)

JAPANESE, per, Journal of the Japan Institute of
Metals, Vol XIX, No 8, 1955, Incl to IR 4872-56,
6004th Air Intel Sv Sq.

Sci - Min/Metals
Jan 57 CTS

AP 1051408

43,067

66-10

R-6067-D
18 Oct 65

The Effects of G Force on Body Temperature
By: I Saito, et al
From: JAPANESE JOURNAL OF AEROSPACE MEDICINE
AND PSYCHOLOGY 2(2): 78-83 June 1965 (6 p)

Japanese - est for vds:

Type one camera ready copy. (IC will make 4
xerox copies) Include all figures, charts etc.
Document can be cut for paste-up.

AEC-tr-4482(p.1037-66) Uncl.

INFLUENCE OF HYPERTHYROIDISM TREATMENT WITH
 i^{131} ON THE HISTOLOGICAL PICTURE OF THYROID
GLAND AND ITS CORRELATION WITH THYROID FUNCTION.
K. K. Saito, S. T. Ishida, K. Z. Sanada, and
A. H. Takeda.

C-23 P NSA

Second Japan Conference on
Radioisotopes, Feb 1958

N-6

Outline for Vacuum Melting of Metal Alloys, by
Koki Suzuki, K. Saito.

JAPANESE, Tohoku University, Research Insti-
tute of Mineral Dressing and Metallurgy, Balle-
tin (Sendai), III Vol IX, 1953, pp 297-302.

Dept of Int
US Bur of Mines
Eastern Exptl Sta
College Park, Md.

Sci - Ingr

87,753

May 59

63-17667

Salto, Kei, Irie, Nori, and Sato, Motonobu.
A METHOD FOR THE PRODUCTION OF DYEABLE
POLYOLEFIN FIBER. July 63, Sp.
Order from SA \$16.00 SA Code-P-105

Trans. of [published] Japanese patent 10865/1962,
cl. 42-D-21 (25-H-311), appl. no. 32607/1960,
27 July 60, pub. 11 Aug 62, by Kuraha-Kasei Co., Ltd.

DESCRIPTORS: *Fibers (Synthetic), *Polyethylene
plastics, Production, *Dyes, *Processes, *Acrylic
resins, Mixtures, Phenols, Phosgene, Phenyl radicals,
Carbonates, Butanes, Polymerization.

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

- I. Salto, K.
- II. Irie, N.
- III. Sato, M.
- IV. Patent (Japan) pub.
37-10 865
- V. SA Code-P-105
- VI. Seizaburo Aoki (Japan)

Office of Technical Services

The Interrelation of Retinal Blood Vessels, Retinal
Blood Pressure, Systemic Blood Pressure and
Renal Changes in the Aged of Japan, by Saito, Kimiko
JAPANESE, por, Yokohama Chosei Kenkyu Kaho,
Vol. 33, pp. 33-50, 1963.
RINP 2-14-63

RIP-Japan
Vol-33/1
Mar 63

275,786

Study of Sea Ice, by Takaharu Fukutomi,
Mitsu Saito, Yoshio Kudo, 11 pp.

UNCLASSIFIED

JAPANESE, XEROX, Low Temperature Science,
Vol. IX, 1952, Encl to Report No IR-269-55,
2 Mar 1955. CIA D 209762

AF 66136J

25,202

Scientific - Geophysics

Jul 55 JTB/DEX

62-14790

Saito, Nobuji.
RICHARDS' THEOREM EXPANDED INTO A TWO-
PAIR TERMINAL NETWORK. [1962] 10p. 6 refs.
Order from SLA \$1.10 62-14790

Trans. of [Denki Tsushin Gakkai Zasshi] (Japan)
1961, v. 44, no. 7, p. 1033-1036.

DESCRIPTORS: Electrical networks, Synthesis,
Functions, Matrix algebra, Theory.

Richards' theorem is famous as introducing a key to
Bott and Duffin's method for the synthesis of a two-
terminal network without the use of mutual inductance.
The present paper proves that by treating the ex-
pansion of Richards' theorem into a four-terminal
network with a matrix, an almost identical theorem
is obtained. On the basis of this proof a method solv-
ing a four-terminal network is proposed. This is an
important step in the synthesis of a coupled-line wave
(Engineering--Electrical, TT, v. 8, no. 9) (over)

1. Title: Richards' theorem
I. Saito, N.

000041

Office of Technical Services

62-14789

Saito, Nobuji.

A COUPLED TRANSMISSION-LINE FILTER (DESIGN METHOD BY EXTRACTION OF COUPLED 2-WIRE LINES). [1962] 12p. 3 refs.
Order from SLA \$1.60

62-14789

Trans. of [Denki Tanshin Gakkai Zasshi] (Japan) 1961, v. 44, no. 7, p. 1036-1040.

DESCRIPTORS: *Transmission lines, *Coaxial filters, Design.

Consideration is given to the design of a coupled transmission-line filter, with distributed coupled transmission lines as its main element. Symmetrical and reciprocal circuits are explained by the method of extracting coupled transmission lines from the parameters of a given circuit. There is no need to devise a special function for the characteristic (Engineering--Electrical, TT, v. 8, no. 9) (over)

I. Saito, N.
II. Title: Design ...

(225140)

Office of Technical Services

Studies on Synthetic Analgesics, by H. Sugimoto,
S. Saito, 12 pp.

JAPANESE, per, Yakugaku Zasshi (Journal of the
Pharmaceutical Society of Japan), Vol LXXIII, No 7,
Jul 1953, pp 757-760. CIA D 151210

NIH

Scientific - Chemistry

CRS 65/feb 1955

21,251

Saito, Hisahiko, Sugihara, Makoto, and Saito, Minoru.

FORMATION OF FERRITE MICROPOWDERS OF SPINEL TYPE. Studies on the Formation of Ferrites from Solutions, I. [1963] 16p. 14 refs. Order from SLA \$1.60

63-14499

Trans. of [Kogyo Kagaku Zasshi] (Japan) 1962, v. 65, p. 1748-1753.

DESCRIPTORS: *Ferrites, Powders, Solutions, Reaction kinetics, Synthesis (Chemistry), Physical chemistry, Hydrogen ion concentration.

A method is given for forming numerous ferrite micro-powders of spinel type that were formerly difficult to obtain in the temperature range of 50 ~ 600 C to approximately 1000 C. It was found that the concentration of excess alkali plays an important role in the formation (Chemistry-Physical, TT, v. 10, no. 11) (over)

63-14499

- I. Saito, H.
- II. Sugihara, M.
- III. Saito, M.
- IV. Title: Studies . . .

63-14499

Office of Technical Services

Conditions Governing the Phosphorus Reversion in
Basic Oxygen LD Furnaces During the Tap, by
T. Itaska, K. Saito, O. Muroga.

JAPANESE, per, Tetsu to Hagane, Vol XLIX, No 3,
1963, pp 408-410.

HB 5935

Sci-Engr

243,926

Dec 63

62-26979

Saito, Mistui and others.
DECOMPOSITION DE L'HYDROPEROXYDE D' α -PIN-
ENE SOUS DIFFERENTES CONDITIONS (Decomposi-
tion of α -Pinene Hydroperoxide under Different
Conditions). 25p (foreign text included) 14 refs.
Order from OIS, BTC or CNRS \$0.98 62-26979

- I. Title: Pinene
- I. Saito
- II. Mistui
- III. Centre National de la
Recherche Scientifique

Trans. in French of Kogyo Kagaku Zasshi (Japan) 1958,
v. 61, p. 1227-1224.

DESCRIPTORS: *Terpenes, Hydrogen compounds,
*Peroxides, Decomposition, Catalysts.

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

Office of Technical Services

NCH-201 974

Field 20M

Saito, R.; Yamaki, H.
EXPERIMENTAL STUDIES OF THE BOILING PHENOMENA
(1) THE DENSITY DISTRIBUTION OF A STEAM WATER
MIXTURE IN MULTIPLE RECTANGULAR CHANNELS,
UNDER ATMOSPHERIC PRESSURE. 1965, 19p (foreign
text included). NHL-Trans-1690,
Order from NLI

Trans. of Nihon Gokushyoku Gakkaiishi (Japan) v1 n1
340-5 1959.

I. National Engineering Lab.,
East Kilbride (Scotland)

Effect of Inorganic and Organic Compounds on the
Growth of the Algae, by R. Saito, J. Saito.
J. Phycol. 1964, vol. 1, no. 4 (1964),
pp. 44-55.
1964, pp. 44-55.

R. Saito

1964-11-10
1964-11-10
U.S. GOVERNMENT PRINTING OFFICE

281,177

TT-65-13828

Field 7A

Saito, S.; Ohta, N.
CATALYTIC SYNTHESIS OF CYANOBENCES. I. VAPOR-
PHASE CATALYTIC REACTION BETWEEN TOLUENE
AND AMMONIA. 18p, 10 refs.
Order from SLA: \$1.80 as TT-65-13828

I. Title: Vaporphase...

Trans. of Yuki Gosei Kagaku Kyokaiishi (Japan) v22 n5
p394-400 1964.

NR 666

Result of Treatment of Whooping Cough
with Colonyin Via Injection and Inhalations,
by Satomi Saito, Koichi Hamao, 9p.
JAPANESE, par, Shonka Rinsho, Vol 4,
No 6, 1961,
SLA TT-64-18537

~~Saito~~ Saito Saito

333, 639

801
Jul 67

T. SAITO

Diffusion of Silicon and Manganese in Molten Iron
(Supplement), by T. Saito.

JAPANESE, per, Bull Res Lab Mineral Dressing Met
Tohoku Univ., No 12, 1956, pp 27-30.

*AFIS RI 72-53142

Aug 72

T. Saito

Effect of Minor Elements on Normal Grain Growth Rate in
Singly Oriented Si-Steel, by T. Saito.

JAPANESE, par, J. Japan Inst Metals., No 27, 1963,
pp 186-191.

ARTIS IT 72-53140

Aug 72

R-5576-D
16 July 65

Inflight Loss of Consciousness During Instrument Flying

By: T. Saito

From: JAPANESE JOURNAL OF AIRSPACE MEDICINE & PSYCHOLOGY
1964 No 2, pp 10-15 (6 pp)

Japanese - est. for vis:

Type an original copy only. (2 xerox copies) Include
all figures and charts, etc.

Application of the Heat Balance Method to Altitude
Distribution of the Diffusion Coefficient and Vapor
Diffusion in Plant Communities., by T. Saito.
JAPANESE, per, Japan. Journal of Agricultural
Meteorology, Vol. 17, No. 3, 1962, pp 101-105.
CSIRO/No. 6888

T. SAITO

Sci -
July 1967

334-658

The Effect of Oxygen Content on the Quality of Cold
of Cold-Rolled Low-Carbon Finned Steel Sheet,

by T. Saito et al.

JAPANESE JOURN. Tetsu to Hagane, Vol 50, No 12, 71

1964, pp 2001-2002.

1964 1972

T. Saito

Sci-Materials
Sept 66

310,357

Effect of Minor Elements on Secondary
Re-Crystallization in Singly-Oriented
Silicon Steel, By T. Saito,
JAPANESE, per. Nippon Kinzoku, Vol 27,
No 4, 1963, pp 191-195.
EISI 4008

FI-Japan
Sci/4521
May 65

278,800