

Polymerization of Styrene With P-Bromo
Benzoyl Peroxide (Chemical Molecular WT. of
Polystyrene, by W. Kern, H. Kammerer
GERMAN, per, Journal fur Praktische
Chemic, Vol CLXI, 1942, pp 81-112.
SLA TT 64-20467

May 67 325,063

Determination of the Chain Length of the
Polyamides, by H. Staudinger, H. H. Jorder, 9 pp.

GERMAN, per, Journal fuer Prakt Chem, Vol CLX,
No 5/7, 1942, pp 176-194.

SLA 60-18729

203,253

Sci.

Jun 62

On the Polymerization of Acrylonitrile and
Polyacrylonitrile, by Werner Kern and Helmut
Fernow,
GERMAN, per, Journal fur Praktische Chemie, Vol
Vol CLX, No 10/12, 1942, pp 281-295.
SLA TT 64-20408

Sept 66

311,254

Ver. 1943, H. Stauch, H.

INVESTIGATIONS OF THE DEGRADATION OF
NATIVE CELLULOSES IN GLACIAL ACETIC ACID
IN THE PRESENCE OF MINERAL ACIDS. [1963]

42p 13refs

Order from SLA \$4.60

TT-63-14161

Trans. of [Journal für Praktische Chemie] (Germany)
1943 [v. 161] no. 1, p. 55-75.

DESCRIPTORS: *Cellulose, *Fibers, Acetic acid,
Hydrolysis, Inorganic acids, Solubility.

(Materials--Textiles, TT, v. 11, no. 3)

TT-63-14161

J. Moschell, A.
H. Stauch, H.

Office of Technical Services

How Sulfur is Combined μ in Vulcanized Rubber, by
G. J. Amarcngen and R. Hourvink, 13 pp.

GERMAN, per, J Prakt Chem, Vol CLXI, 1943,
pp 261-270.

SLA Tr 57-2189

/d/f
Sci

Jul 58

67,958

Jirgensons, B.
TRANSFORMATION OF SPHERICAL PROTEINS INTO
LINEAR PROTEINS ON DEAMINATION, III (Umwand-
lung Einiger Sphäroproteine in Linearproteine bei
Desaminierung. III). [1962] [21]p. 19 refs.
Order from SLA \$2.60

62-16752

Trans. of Journal für Praktische Chemie (Germany)
1944, v. 162, p. 224-236.

DESCRIPTORS: *Proteins, *Molecular structure,
Amines, Decomposition, *Solutions, *Age factor,
*Viscosity.

The dependability of viscosity of solutions of the deami-
nated casein, albumin, hemoglobin and edestin on
concentration and the time was examined. It was found
that in a region of low concentration and with an excess
of sodium hydroxide the viscosity number η_{sp}/c di-
(Chemistry--Physical, TT, v. 8, no. 12) (over)

62-16752

I. Jirgensons, B.

Office of Technical Services

Non-Distillative Analysis of Brown-Coal Tars,
by E. Gundersmann.

GERMAN, per, Journal fur Praktische Chem,
No 2, 1955, pp 340-348.

Dept of Int
US Bur of Mines
Lignite Exper Sta
Grand Forks, N. Dakota.

Sci - Chem

Jun 59

89,962

On the Condensation of Formaldehyde. VI (1)
Formation of Polyalcohols From Formaldehyde
Condensates, by W. Langerbeck.

GOVERNMENT USE ONLY

GERMAN, per, Journal für Praktische Chemie,
Vol 4, No 3, 1956, pp 196-210.
NASA TT F-11,712

Sci
Dec 68

371,095

Ternary Liquid System, II, by E. Leibnitz,
H. G., 7 pp.

GERMAN, per, Journal fuer Praktische
Chemie, Vol IV, No 4, 1956, pp 105-112.

ATS73L35G

Sci
Vol IV, No 2
Mar 62

Oxidation of X-Mylene in the Liquid Phase, by
H. G. Konnecke, W. Knojel.

GERMAN, per, J Prakt Chem, Vol IV, No 276, 1957,
pp 212-214.

125 97-65
ATS-77-GK
\$3.00

Sci. -Chem

Feb 59

Leibnitz, E., Köhnecke, H.-G., and Gawalek, G.
ON THE POLYMERIZATION OF ETHYLENEIMINE.
[1961] 6p. (2 figs. 4 tables omitted).
Order from SLA \$1.10

62-14213

Trans. of [Journal für] Prakt[ische] Chem[ie]
(East Germany) 1958 [ser. 4, v. 6, no. 5/6] p. 289-298.

DESCRIPTORS: *Polyethylene plastics, Ethylenes,
*Imines, Polymerization, Catalysts, Hydrochloric acid,
Molecular weight.

Polymerization experiments with ethylenimine show
that, using hydrogen chloride as catalyst, the reaction
rate increases with increasing proton concentration,
and the median molecular weight of the polymer ob-
tained decreases. With increasing ethylenimine con-
centration the rate of polymerization increases, but
this sometimes leads to a powerful explosion when the
(Materials--Plastics, TT, v. 9, no. 4) (over)

62-14213

I. Leibnitz, E.
II. Köhnecke, H.-G.
III. Gawalek, G.

Office of Technical Services

The Thermal Decomposition of Sodium Sulfate, by
E. Liebnitz, M. Tittel,

GERMAN, per, J. Prakt. Chem, Vol VI, 1958,
pp 46-57.

ATB 547-GJ

Sci - Chem

Aug 60

123,913

Notes on Bunte Salts, by Zaki El-Heivehi,
Eberhard Taeger.
GERMAN, per, Journal fuer Praktische Chemie,
Ser 4, Vol 7, 1958, pp 191-193.
ACSI J-6421
ID 2204002269

Sci-Chem
May 69

382,318

2,4-Dichloro-1,3,5-Trichloro-2,4,6-Trinitrobenzene, by
Friedrich Bunge, Zaid El-Kewchi, Dieter Humpel, 1959.

GERMANY, pub, Jour fur Praktische Chemie, 1959,
Ser 4, Vol. XXII, No 1/2, pp 1-16.

RIS JFC 10

Sci.
Apr 60
Vol. XXI, No 3

112,095

Process for Separating Multi-Component Alkali
Salt Solutions, by L. Rombock, F. Serowy.

GERMAN, per, Journal fuer Praktische Chemie,
Ser 4, Vol VIII, No 1/2, 1959, pp 17-27.

RIS JPC-11

Sci

Vol 4, No 10

Sci

Isolation of Promethium from Macroquantities of
Samarium, by Dieter Naumann, Werner Heyne,

RU APPROVED FOR RELEASE: Thursday, July 11, 2002, CIA-RDP84-00581R000401190018-4
GERMAN, per, Journal fuer Praktische Chemie,
Ser 4, Vol VIII, No 1/2, 1959, pp 28-32.

RIS JPC^C-12

Sci

Vol 4, No 10

Sci

May 62

Chemical Synthesis of the Labeled Aldoses
Glucose-1-C¹⁴ and Mannose-1-C¹⁴, by Ursula
Drehmann, Klaus Uhlig.

GERMAN, per, Journal fuer Praktische Chemie,
Ser 4, Vol VIII, No 1/2, 1959, pp 33-38.

RIS JPC-13

Sci

May 62

Vol 4, No 10

194, 296

Reaction of DL-Phenylalanine With N, N-Carbonyldiimidazole, by Heins Gieseemann, Dieter Braun.

GIEMMAN, par, Journal Pour Praktische Chemie, Ser 4, Vol. VIII, No 1/2, 1979, pp 39-43.

RIS JPEC-14

194, 299

Sci
May 62
Vol 4, No 10

Some Unsymmetric Disulfides, by H F. Runge,
A. Junar, F. Held,

GERMAN, per, Journal fuer Praktische Chemie,
Ser 4, KM Vol VIII, No 1/2, 1959, pp 44-54.

RIS JPK:-15

S:1

Vol 4, No 10
May 62

A Study of Conductivity of the Systems Water-
0.2N Sodium Salts of Fatty Acids and Alcohols
in Presence of Free Acid or Alkali, by
A. N. Bose, K. N. Mehrotra.

CHERMAN, per, Journal fuer Praktische Chemie,
Ser 4, Vol VIII, No 1/2, 1959, pp 55-63

RIS JPEC - 16

Sci
May62

194, 302

Vol 34, No 10

Reactions of Titanium Tetrachloride and Benzoic
Acid, by I. D. Varma, R. C. Mehrotra.

GERMAN, per, Journal fuer Praktische Chemie,
Ser 4, Vol VIII, No 1/2, 1959, pp 64-67.

RIS JPC-17

Sci

Vol 4, No 10

May 62

Note on the Preparation of Some New N-
Monosubstituted and N-Disubstituted
Derivatives of Phosphoric Acid, by L.F.
Audrieth, Hans Zimmer, Marlies Zimmer,

GERMAN, per, Journal fuer Praktische Chemie,
Ser 4, Vol VIII, No 1/2, 1959, pp 117-120.

RIS JPC-24

Sci1

May62

Vol 4, No 10

Preparation of Δ^2 -Thiazolines and Δ^2 -Dihydro-
1, 3-Thiazines, by Gunther Bach, Manfred Zahn, 9 p.

GERMAN, per, Journal für Praktische Chemie, 1959,
Vol VII, No 1/E, pp 68-72.

RIS JN: 18

Sci
May 60
Vol 3, No 4

116,811

Contributions to the Chemistry of Thiophosphates.
Pt. I. Behavior of Trimethyl Thionophosphate At
Higher Temperatures, by G. Hilgetag, G. Schramm,
H. Telschmann, 14 p.

GERMAN, per, Jour Prakt Chem, 1959, Ser. 4,
Vol VIII, pp 73-89.

ATS-061320

Sci
Feb 60
Vol 2, No 9

107038

Contributions to the Chemistry of Thio-Phosphates.
Pt. III. Sodium O,S-Dimethyl Thiophosphate, by
G. Hilgert, H. Teichmann, 7 p.

GERMAN, per, Jour Prakt Chem, 1959, ser 4, Vol VIII,
pp 97-103.

ATS-30L32G

Sci
Feb 60
Vol 2, No 9

107,100

Contributions to the Chemistry of Thiophosphates.
Pt. IV, O, O-Dimethyl Thiophosphates, by G. Hilgetag,
H. Teichmann, 7 p.

DEUTSCH, per, Jour Prakt Chem, 1959, Ser 4,
Vol VIII, pp 106-111.

ATB-311326

ATB-311326

Sci
Feb 60
Vol 2, No 9

107,039

Note on the Preparation of Some New N-
Monosubstituted and N-Disubstituted
Derivatives of Phosphoremic Acid, by L.F.
Andrieth, Hans Zimmer, Marlies Zimmer,

QUINMAN, per, Journal fuer Praktische Chemie,
Ser 4, Vol VIII, No 1/2, 1959, pp 117-120.

RIS JFC-24

Sci

194, 301

May 62

Vol 4, No 10

Contributions to the Chemistry of Thiophosphates.
To VI. Alkylating Ester Cleavages of Some Dialkyl
Aryl and Allyl Diaryl Thiophosphates, by
G. Hildesheim, G. Lehmann, 15 p.

QUERFELD, not Jour. Prakt. Chem., 1959, Ser 4, Vol. VIII,
pp 207-223.

ATS-TTL32G

ATS-226-35

108,217

Sci

Feb 60

Vol 2, No 12

Contributions to the Chemistry of Thiophosphates,
Pt VII, Optically Active Thiophosphates, by
G. Hiltag, G. Lehmann, 10 p..

OVERMAN, per, J Prakt Chem, 1959, Ser 4, Vol VIII,
pp 220-231.

ATB-95L32G
PTS-527-55

Sci
Feb 60
Vol 2, No 12

108,218

Contributions to the Chemistry of Thio-
Phosphates. VIII, Optically Active Thio-
Phosphates by Partial, Asymmetric Synthesis,
by Gunter Hilgetag, Gerhard Lehmann, 7 p.

GERMAN, per, Jour fur Praktische Chemie,
1959, ser 4, Vol IX, No 1/2, pp 3-6.

SLA 60-10443

Sci
Apr 60
Vol XII, No 3

112,070

ON the Polymerization of Ethylenimine, by H. G.
Konnecke, M. Heise, 9pp
GERMAN, per, Journal fur Praktische Chemie,
Vol 9, 1959, Ser 4, pp 232-236
SIA TT-65-10055

Sci - Chem
June 67

328,939

The Situation and Prospects of Chemistry --
Especially Organic Chemistry -- in the German
Federal Republic, ~~XXXXXXXXXXXXXXXXXXXX~~ by R. Panning,
14 pp.

GERMAN, per, Journal fur Praktische Chemie, ~~XXXXXX~~
Vol X, No 4, 1960, pp 71-89.

Said

ACSI 1-16/3-D
ID 2203208

Sci - Chem
Jan 63

218, P21

Preparation and Properties of Glycolide, by
F. Andreas, et al.
GERMAN, per, Journal fuer Praktische Chemie,
Series 4, Vol 18, 1962, pp 141-149.
NTC 71-13868-07C

Feb 72

62-34414

Hornuff, G. v. and Herzog, W.
SOIL-REPELLENT PROPERTIES OF FIBRES
TREATED WITH CHROMIUM COMPLEXES OF THE
WERNER TYPE AS A FUNCTION OF THE CHEMI-
CAL STRUCTURE OF THE MONOCARBOXYLIC
ACID USED. Sep 62.
Order from TTIS \$30.00

TTIS NS 40

Trans. of Journal für Praktische Chemie (East
Germany) 1962 [ser. 4] v. 15, Mar, p. 175-191.

DESCRIPTORS: *Fibers, Impregnation, *Complex
compounds, *Chromium compounds, Molecular
structure, *Carboxylic acid.

(Materials--Textiles, TT, v. 9, no. 2)

- I. Hornuff, G. v.
- II. Herzog, W.
- III. TTIS NS-40
- IV. Translation and Technical
Information Services
(Gt. Brit.)

Office of Technical Services

A. Simon

Investigations of the Magnetic Sound Carrier.
Part X. The Oxidation of Iron(II)-Hydroxides
in the Presence of Pyridine and Quinoline.
GERMAN, per, Journal fuer Praktische Chemie,
Vol 13, 1961, pp 177-182.
NTC 72-13880-07B

Nov 72

Application of Gas-Liquid Chromatography in the
Preparation and Analysis of Surface-Active Materials
and Textile Accessories, by V. Vasilescu.
GERMAN, per, Journal fuer Praktische Chemie, Vol XV,
No 4, 1962, pp 192-205.

*AERE-Harwell

Sci-Chem
Feb 64

Sulfonic Acid Derivatives-preparation and
Suitability as Moth-proofing agents, by Z.
El-Hewchi, F. Runge.
GERMAN, per, Journal Fur Praktische Chemie,
Vol 16, No 5/6 1962, pp 297-336.
CSIRO/No. 7301

Sci -

Jul 67

334,805

Ruske, Walter and Hartmann, Ilse.
ON THE α -ELIMINATION OF CHLOROFORM
FROM TRICHLOROMETHYL-SUBSTITUTED COM-
POUNDS. [1963] 10p. 13 refs.
Order from S.L.A. \$1.10

TT-63-18480

Trans. of [journal] für Praktische Chemie (East
Germany) 1964, ser. 4, v. 18, no. 3, p. 150-155.
(Abstract available)

DESCRIPTORS: *Azoles, Ethers, *Chlorides,
*Elimination reactions, Substitution reactions
*Chloroform, *Carbenes.

If the N-atoms in 1,3-diphenyl-2-trichloromethyl-
imidazolidine are replaced by O-atoms in steps, the
capacity for the α -elimination of chloroform is
suppressed with the formation of a carbene. An α -
elimination of hydrogen chloride takes place instead.
This type of reaction is also observed in α -phenyl- β ,
 α , α -trichloroethylmethyl ether. (Author)
(Chemistry--Organic, TT, v. 11, no. 2)

TT-63-18480

1. Title: 1, 3-Diphenyl- α -
trichloro methyl
imidazolidine
- I. Ruske, W.
- II. Hartmann, I.

Office of Technical Services

Phase Equilibrium Measurements. Part IV.
The Vapor-Liquid Phase Equilibria of the
System Phenol/n-Butyl Acetate/water at
44.4°C, by R. Weller, H. Schuberth.
GERMAN, per, Journal fur Praktische Chem.
Ser 4, Vol 21, 1963, pp 234-249.
NTC 69-11354-07D

Sci-Chem
July 69

387,082

Synthesis of Conjugated Imidazoles,
by G. Drefahl and Schaefer, W.
GERMAN, per, Journal für Praktische
Chemie, Vol XXIII, No 5-6, 1964,
pp 225-233.
FID-ET-66-133

Sci-Chem
Apr 66

Conversions of Silicon-Carbon-Heterocyclene
Under the Influence of Aluminumchloride,
by V. B. Vdovin, N. S. Nametkin, 10 pp.
GERMAN, per, Journal fur Praktische
Chemie, Vol XXIII, No 5, 1968, pp 281-287.

9697785

FTD-TT-65-353

Sci - Chem
Aug 65

287,589

Contributions Concerning Separation
of Rare Earths. IX. The Systems
Terbium Oxide-Yttrium Oxide and
Terbium Oxide-Erbium Oxide, by
L. Wolf, H. Schwab, 16 pp.
GERMAN, per, Journal Fur Praktische
Chemie, Vol 24, No 5/6, 1954,
pp 293-304
P100207268-V
FTD-HT-67-205

Sci/Materials
Sep 68

364, 246

Partition Chromatography of Rare Earths With
Di-2-Ethylhexyl Phosphoric Acid I. Influence
of the Operating Conditions of the Separation
Capacity of the Column, by H. Grosse-Ruyken,
J. Bomholm.
GERMAN, per, J. Prakt Chem, Vol 25, No 4, 1964,
pp 79-87.
Chem Trans: Sv 3125

319,961

Sci - Chemistry
Mar 67

ORDER FROM MTC

Analysis of a New Psychological Theory of Space, Time
and Form, by Otto Sels, 19 pp.

FRENCH, par, Jour de Psychol, Vol XXVI, 1929, No 4,
pp 337-353.

ATIC F-TS-9659/III

Sci - Med

Oct 60

128,471

61-14684

Benussi, V.
EXPERIMENTAL INVESTIGATIONS ON SPACE PER-
CEPTION. I. THE HAPLO-DIPLOCINESCOPIC
METHOD (Recherches Experimentales sur la Per-
ception de l'Espace). [1961] [52]p. 30 refs.
Order from SLA \$5.60

61-14684

Trans. of [Journal de] Psych[ologie] Norm[ale et]
Path[ologique] (France) 1925, v. 22, p. 625-666.

DESCRIPTORS: *Space perception, *Vision *Stere-
oscopic projectors, Physiology.

(Unannounced)

I. Title: Haplo-diplocinescopic
method

I. Benussi, V.

II. Title: Haplo-Diplo-
cinescopic . . .

Office of Technical Services

Egocentric Localization. II. Optical Localization
and Direction in Vestibular Nystagmus, by
M.H. Fischer, A. E. Kornmuller. 65 pp.
GERMAN, per, Journal fur Psychologie und Neurologie
Vol 41, No 6, 1931, pp 383-420.
SLA TT-61-14894

Sci/B&M
Jun 67

327,769

Malacia of the Scaphoid in a Child, by M. Julia,
3 pp. UNCLASSIFIED

FRENCH, per, Jour de Radiol et d'Electrol, Vol XXVIII,
1947, pp 402, 403.

Navy 2658/MACS 524

Sci - Medicine
Nov 60

133,797

8
Rapid Determination of Isodoses From Wedge Filtrons
by Film Density Readings From a Telecobalt Therapy
Unit, by H. Pourquier, P. Leubardt, L. Danyach, 4 pp.

FRUCH, par, Journal de Radiologie, Vol XXXVIII, No 3-
4, Mar-Apr 1957, pp 282-286.

MM/T: 11-22

Sci - Med
Dec 57

55, 779

SLA 57-38.8

The Posterior Cleft Canal (Constitution and
Radiological Types in the Normal Subject),
by J. Porath, R. Ambrose, 25 pp.

FRECHET, pm, Journal de Radiologie d'Electrologie
et Archives d'Electricite Medicale,
Vol XXXIV, No 1-2, 1953, pp 11-27.

MIN 7-13-63

Sci - Biol & Med
Sep 63

344,322

Description of a Simple Method of Oblique and
Symmetrical Radiography of the Cranium, by
C. Wangermez, E. Duffan, and J. Dalge, 6 pp

FRENCH, per, J. Radiol Electrol, Vol 34, No. 3-4,
1953, pp 169-171.

SLA TR 57-1705

Sci

65,760

Use of Radioisotopes 3489 in the Treatment of
Cancer, by S. B. Dehaene, J. Govaerts, 8 pp.

FRENCH, par, Journ de Radiologie d'Electrologie,
Vol XXVIII, No 3/4, Ser 1956, pp 151-159.

NRH/Tr 11-21

Sci - Med
Dec 57

55,778

SLA 57-3283

Diffuse & Periventricular Atrophy After Radio-
therapeutic Treatment of Cerebral Neoplasms, by
R. Lafon, P. Pages, R. Labauge, J. Minivelle,
4 pp.

FRENCH, par, Journ de Radiologie d'Electrologie,
Vol. XXXVII, N° 778, Jul-Aug 1956, pp 607-610.

2

NIB/Tr 11-20

Sci - Med
Dec 57

55, 777

C. P. 11-20-57

Colchicine and Roentgenotherapy, by P. Sardin,
6 pp.

FRENCH, per, J. Radiologie Electrologie,
Vol XLI, No 3-4, 1960, p 176.

NIH 10-22-60

Sci - Med
Dec 60

133,922

The Concept of Absorbed Energy and the Current
Dosimetric Definitions, by F. Bistolfi, 30pp
FRENCH, per, Journal de Radiol Electrol, Vol 45,
1964, No 3/4, pp 133-148
ATS-82R77F

Sci - Biol
June 67

328,852

Hypophysectomy by Means of Radioactive Isotopes
in the Treatment of Metastasized Mammary Cancers,
by J. Gary-Bobo, J. Belotte.

FRENCH, per, Journal de Radiologie, d'Electrologie
et de Medecine Nucleaire, Vol XLI, 1960,
pp 242-246.

*AERE-Harwell Tr-1844

Sci - Phys

Jun 63

Beta Dosimetry in Interstitial Applications,
by J. Dutreix, 44pp

FRENCH, per, Journal de Radiologie, d'Electrologie
et de Medecine Nucleaire, Vol XI.I, ~~XII~~ No 11,
1960, pp 731-745. 9220450

~~RECEIVED AT 1845~~
AEC-NP-Tr-1087

Sci - Phys

Jun 63

Techniques and Dosimetry in Interstitial
Radiotherapy with Gold-198 Seeds, by J. Dutreix.

FRENCH, per, Journal de Radiologie, d'Electrologie
et de Medecine Nucleaire, Vol XLII, 1961,
pp 228-236.

*AERE-Harwell Tr-1846

Sci - Phys

Jun 63

Cholecystokinin in Digestive Radiology, by
B.Boudaghian and N.Barag.
FRENCH, per, Journal de Radiologie d'Electrologie
et de Medecine Nucleaire, Vol.42, pp.390-393,1961.
SLA-TT-66-11653

B/M
Aug 66

308,974

behavior modifiers in the study of the ileal
Tract. Combined Effect of Morphinic Substances
and Cholecystokinin, by P. Vandendorp, J. Paris.
et al. 9 pp.
FRANCE, par, Journal de Radiologie, d'Electrologie
et de Medicine Nucleaire, Vol 44, 1963, pp 258-263.
SIA TF-66-12652

Sci/BU
Apr 67

322,407

Magnetic Properties of Ferrites, by C. Guillaud,
26 pp.

FRENCH, par, Journal de Recherches, No 12,
1950, pp 113-122.

SLA 57-2395

May 58

63,199

— TT-65-14567

Field 61, 20F

Poma, R. G. da.
STUDY OF ARTIFICIAL ICE NUCLEI WITH ELECTRON -
MICROSCOPE BY THE REPLICA METHOD. 13p. 11 refs.
Order from SLA: \$1.69 as TT-65-14567

Trans. of Journal de Recherches Atmospheriques (France)
v1 (ans 2) n3 p131-31 1964.

MR 670

Agency: Environmental Science Services Admin.
P.O. No.: E 8581 *R-11024-82*
Title: Article from Journal de Recherches
Atmospheriques
Author: G. Donnadieu, G. Dubosclard and
S. Godard
Source: Mr. Rigby, Mr. Showalter
Language: French *11/87*
Instructions: Please translate and type one copy.

The Investigation of Higher-Order Transformations
by Thermal Analysis, by Jean Jaffray, 6 pp.
FRENCH, per, J. Rech. Cent. Nat. Rech. Sci. Lab.
Belleus, Vol. 1, 1946-1947, pp 161-162.
AEC SC-1-66-0799

331,207

Sci - Chemistry
Jul 67

Preparation of Binary Alloys of Manganese and Determination of Their Phase Diagrams by Using Chiefly Their Magnetic Properties, by C. Guillaud. UNCL

FINEMICH, per, J Recherches, Centre Nat Recherche Sci (Paris), 1947, pp 15-21.

British Iron and Steel Ind
(no number given)

Sci - Min/Met
Sep 59

98, 178

Investigation of Higher Order Transformations
by Thermal Analysis,

FRENCH, per, Journal des Recherches du Centre
National de la Recherche Scientifique, 1947,
pp 153-163.

AEC-SO-T-66 0759
P41142706

ERDL, Ft Belvoir
EXLSE T-1370

Sci - Phys
Jul 61

160,528

The Investigation of Higher-order Transformations
by Thermal Analysis (Excerpts from), by
Jean Jaffray.

FRENCH, per, J. Rech. Cont. Nat. Rech. Sci. Lab,
Bellevue (Paris), Vol 1, 1946-1947, pp 161-162.

WAC-50-F-66-0759

P 91142766

Sci/Electronics

Oct 66

Optical Conditions for the Use of Photoelectric
Cells in Spectrographs and Interferometers, by
Pierre Jacquinot, Charles DuFour.

FRENCH, par, J. Recherches Centre Natl.
Recherche Sci Labs. Bellevue, Paris, Vol II,
1948, pp 91-103.

SLA 62-24705

AEC Tr 2123

Scientific - Physics

Aug 55 CTS/DEX

26, 120

62-12056

Paquot, C.
STUDY OF LONG-CHAIN SODIUM OXYETHYLAMIDE
SULFATES (SULFONATED FATTY AMIDES). [1961]
10p.
Order from ATS \$14.10 ATS-16N56P

Trans. of Centre National [de la] Recherche Scientifique
Paris. J[ournal des] Recherches (France)
1950 [v. 3] no. 13, p. 169-173.

DESCRIPTORS: *Sodium compounds, *Ethyl radical,
*Amides, *Sulfates, Molecular structure.

(Physica--Molecular, TT, v. 7, no. 9)

- I. Paquot, C.
- II. ATS-16N56P
- III. Associated Technical
Services, Inc.,
East Orange, N. J.

ATS/1020-FJ

Office of Technical Services

Study of the Conductivity of Semi-Conductors and
Application to Mixed Systems of Oxides, by
C. Guillaud, R. Bertrand, 17 pp.

~~XXXXXXXXXX~~

FRENCH, par, Journal des Recherches du Centre
National de la Recherche Scientifique,
Vol XVIII, Mar 1952, pp 118-130,

20,794

CIA/FID/Z-130

Scientific - Physics,

Dec 1954 CTS

First Results Obtained & During the Spring
of 1953, by L. Demon, 4 pp. UNCLASSIFIED

FRENCH, per, Journal des Recherches du CNRS,
Vol XXIV, 1953, pp 126, 127. CIA D 151333

Air Res and Dev Command
T-52 FA

Scientific - Geophysics, field electrometer;
CYS 74/Nov 55 Sahora Station - Beni Abbes

27,931

Research on the Best Conditions for Using a
Fabryperot Photo-Electric Spectrometer, by
R. Chabbal, 99 pp.

FRENCH, per, J Recherches Centre Natl Recherche
Sci Ind Bellevue, Paris, No 24, 1953, pp 138-156.

Vol V
ARC (ANRS Lib 776)

Sci - Electronics

Oct 58

74,589

Magnetic Properties of Some Rare Earth Metals and
Oxides, by C. Henry La Blanchetta, 24 pp.

FRENCH, per, J Recherches Centre Natl Recherche
Sci Labs Bailleul (Paris), Vol VI, 1954, pp 125-133.

AEC Tr 2630

Sci - Min/metals

40,168

Interrelationship of Structure and Exchange
Capacity of Cationic Resins, by G. J. Moralli,
24 pp.

FRENCH, per, Jour Recherches Centre Natl Recherche,
Sci, Lab Bellevue, No 26, Paris, 1954, pp 277-289.

AEC Tr 3312

Sci - Chem

Sep 58

73, 734

ORDER FROM NYC

A Method of Electronic Statistical Measurements
for the Study of Combustion Phenomena in Recipro-
cating Engines, by R. Vichnievskiy, 15 pp.

FRENCH, per, J Rev Inst Franc Petrole et Ann
Combustibles, Vol VIII, No 8, 1953, pp 423-
435.

Assoc Tech Serv-79F2F

Sci

Aug 58

71,578

Gaume, François.
COILS WITHOUT IRON FOR THE PRODUCTION OF
VERY INTENSE CONTINUOUS MAGNETIC FIELDS.
CALCULATION AND REALIZATION, tr. by Henry H.
Kolm. 17 Sep 59 [117]p. 66 refs. LL Group rept.
M81-12.

Order from OTS or SLA \$9.60

62-33140

Trans. from Centre National de la Recherche
Scientifique, [Paris]. Journal des Recherches (France)
1958, no. 43.

DESCRIPTORS: *Coils, Iron, Production, *Magnetic
fields, *Numerical analysis, Design, Magnets *Elec-
tromagnetic fields, Conductors, Electric currents.

Contents:

Abstract

Introduction

(Physics--Magnetism, TT, v. 10, no. 11) (over)

62-33140

- I. Gaume, F.
- II. LL GR M81-12
- III. Contract AF 19(604)5200
- IV. Lincoln Lab., Mass.
Inst. of Tech., Lexington

Office of Technical Services

62-10077

Rousselot, Robert H.
PRIMARY FIELD AND DISTRIBUTION ON SURFACE
MICRO-INEQUALITIES OF AN ELECTRODE. [1961]
13p.

Order from SLA \$1.60

62-10077

Trans. of Centre National de la Recherche
Scientifique, Paris]. Journal des Recherches (France)
1960, no. 52, p. 231-235.

DESCRIPTORS: Electric currents, Distribution, *Elec-
trodes, *Electrodeposition, Electrolytic polishing,
Electrolysis, Anodes (Electrolytic cells), Corrosion,
*Electrochemistry, Metals, Deposits, Surfaces,
Microanalysis.

A study of the distribution of current on V, A, W and
U-shaped elementary profiles, for a constant height d
(Chemistry--Physical, TT, v. 7, no. 9) (over)

I. Rousselot, R. H.

Office of Technical Services

The Solution of Equations by Means of Infinite
Series, by C. G. J. Jacobi, 51 pp.
GERMAN, per, Journal für die Reine und Angew
Math., Vol 6, No 3, 1830, pp 257-286. F911281967
AEC HP Tr-1531

Sci - Math
Seq 67

Agency: Army/Redstone
MIPR No. 971-60100-00-7016

R-13738-E
14 Sept. 71

Title: The Equilibrium Figure of a Flexible Thread.

Author: A. Clebsch

Source: Journal fuer die reine und angewandte
mathematik 57, No. 2, 93-110 (1860).

Language: German

Special Instructions: Please translate.
Edited draft only.

On Steady Fluid Motions with Consideration of
Internal Friction, by A. Oberbeck, 15 pp.
GERMAN, per, J fur die Reine und Angewandte Math.
Vol 81, 1876, pp 62-80.
ARI/RSIC/Tr-941-69
GOVERNMENT USE ONLY

Sci/~~Math~~ Phy
Sept 69

392,197

On the Propagation Velocities of
Small Oscillations in an Unlimited Isotropic
Circular Cylinder, by L. Pochhammer.
GERMAN, per, Journal für die Reine
und Angewandte Mathematik, Vol. LXXXI,
1875, pp 324-336. P200095766
NSIC-500 GOVERNMENT USE ONLY

Sci-Math
Jan 67

316,504

ORDER FROM NTC

On the Tangency of Solid Elastic Bodies, by
Heinrich Hertz.

GERMAN, per, Journal fuer die Reine und Angewandte
Mathematik, Vol XCII, 1881, pp 156-171.

*Redstone Arsenal

Sci - Phys

Aug 63

The Expansion of Real Functions in Series by Means
of the Least Squares Method, by P. J. Gram, 34 pp.

GERMAN, per, Journal fuer die Reine und
Angewandte Mathematik, Vol XCIV, No 1, 1883,
pp 41-73. 9683549

Amer Meteorol Soc T-G-184

Sci - Math & Data Proc
17 Jul 63

236,126

10 11 3 R-0027-D
12 Oct 65
A New Method for Solving Variational Problems of
Mathematical Physics
By: Von Herrn Walter Ritz
From: Journal für der Reine und Angewandte Mathematik
1908 pp 1-61 *REPROD* (61pp)
German - ext for wds:
Type an original and 1 carbon copy. Document can be ext.

Variations Problem in Mathematical Physics,
by Walther Ritz.

GERMAN, per, Journal für die Rein und Angewandte
Mathematik, Vol 135, No 1, 1909, pp 37-41.

(100)-69-182-GELL--MIT/Lin
Available from NTC

May 69

380,408

Formal Theory of Linear Differential Equations,
PT II, by O. Ore, 52pp
GERMAN, per, Journal fur die Reine und
Angewandte Mathematik, Vol 168, 1932, No 4,
pp 233-252
SIA TT-64-18596

Sci - Mat
June 67

327,513

TT-64-14714

1. Ore, Ö.

Ore, Ö.
FORMAL THEORY OF LINEAR DIFFERENTIAL
EQUATIONS, PT. 1. [1963] 34p 17refs
Order from SLA \$3.60

TT-64-14714

Trans. of Journal für die Reine und Angewandte
Mathematik (Germany) 1932, v. 167, p. 221-234.
+ 168 p 237-282

DESCRIPTORS: *Differential equations, Polynomials,
Transformations (Mathematics), Theory.

SLA TT-64-14714

(Mathematics, TT, v. 11, no. 10)

Office of Technical Services

62-16022

I. Farkas, J.

Farkas, Julius.
THEORY OF SIMPLE INEQUALITIES (Theorie der
Einfachen Ungleichungen). [1962] [84]p. (foreign text
included) 11 refs.
Order from SLA \$8.10

62-16022

Trans. of Journal für die Reine und Angewandte
Mathematik (Germany) 1961, v. 124 [no. 1] p. 1-27.
Also available without foreign text from SLA \$5.60 as
62-14286 [1962] [58]p.

DESCRIPTORS: *Inequalities, Theory.

(Mathematics, TT, v. 8, no. 5)

Office of Technical Services

Some Applications of Photography to Medicine, by P.
Bernard, 22 pp.

FRENCH, par, J Sci Med, Vol CLXIX, 1888, p 193.

SLA 57-1603

Sci - Medicine
Mar 58

60, 647

Potte, Michel.
ETIOLOGY AND TREATMENT OF CANCER OF THE
LOWER LIP AND ITS ADENOPATHIES (LYMPH-
GLAND METASTASES). [1962] 8p.
Order from K-H \$10.00

K-H 3710 a

Trans. of [Journal] des Sciences Médicales de Lille,
(France) 1958, v. 73, no. 3, p. 138-143.

DESCRIPTORS: Etiology, *Cancer, *Mouth, Lymphatic
system.

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

62-22645

- I. Potte, M.
- II. K-H-3710-a
- III. Kresge-Baker Science
Library Associates,
Detroit, Mich.

Office of Technical Services

Acute Anemia and Malaria, by L. Langeron, L.
Croccel, A. Braure, 5 pp.

FRENCH, per, J. Sci. Med. Lille, Vol LXXVI,
No 8-9, 1958, pp 326-329.

NIE 10-33-60

Sci .. Med
Dec 60

133,932

63-18489

Croccel, L., Ampe, J., and Henninot, E.
ESCHERICHIA DISPAR SEPTICEMIA WITH MYO-
CARDIAL AND PERICARDIAL LOCALIZATION CURE
WITH COLLIMYCIN (Septicémie à Escherichia Dispar
avec Localisation Myocardique et Péricardique
Guérison par la Collimycine). [1963] 6p. (figs. omitted)
7 refs.

Order from SLA \$1.10

63-18489

Trans. of [Journal des] Sciences Médicales de Lille
(France) 1961, v. 79 [no. 7] p. 283-293.

DESCRIPTORS: *Escherichia, Infections, Drugs,
*Pericardium, *Collimycin

A case history.

(Biological Sciences--Pharmacology, TT, v. 10, no. 11)

I. Croccel, L.
II. Ampe, J.
III. Henninot, E.

Office of Technical Services

R-5733-D
20 Aug 65

Teratogenic Action of Drugs in the Pregnant Women

By: H. Delermans

From: J. Sc. Medicales De Lille No 10, Vol 81, Oct. 1963,
(9 pp)

177 497-505

French - est for wis:

Type cnt original copy only.

The Influence of Vertical Currents upon Aircraft, by R. Eyraud, 16 pp.

FRENCH, per, Journal Scientifique de la Meteorologie, No 1, 1949, pp 23-31.

Am Meteorol Soc for Geophysics, ASTIA

Sci - Geophysics
Dec 56 GTS

41,435

Special Radiosonde for Measuring the Vertical Distribution of Ozone in the Atmosphere, by ~~Mr~~ Arlette Vassy, 19 pp. UNCLASSIFIED

FRENCH, per, Journal Scientifique de la Meteorologie, Vol X, No 38, 1958, pp 63-75. 99,626

Navy 2333/MRL 747

Sci - Geophysics
Oct 59

CIA/FED X-3642

99,626