

Investigation of the Total Reflection of
Soft X-Rays, by R. Groth, 7 pp.

GERMAN, per, Annalen de Physik, Series 7,
Vol II, No 7/8, 1959, pp 380-386.

MDF G-176
9092780

171,524

Sci
Oct 61

Oscillographic Measurements of High-Current Sparks,
by Berthold Kuhn, 17 pp.

GERMAN, per Annalen der Physik, Vol 3, No 5-6, 1959,
pp 241-259.

JPRS: R-521-D

Sci - Geophys

19 Sep 60

WASA

A Nuclear Magnetic Resonance "Maser," by H.
Benoit.

GERMAN, per, Annalen der Physik, Vol IV, Ser 3,
1959, pp 11, 12.

*TIL T * 5170

Sci - Nuc Phys

Jan 61

<p>Eggert, J. THE SPECTRAL SENSITIVITY OF PHOTOGRAPHIC EMULSIONS. [1963] Sp. Order from ATS \$9.25 ATS-73Q67G</p> <p>Trans. of <u>Ann[alen der] Physik</u> (East Germany) 1959, ser. 7, v. 4 [no. 1/5] p. 140-144.</p> <p>DESCRIPTORS: Spectra (Visible and Ultraviolet), Sensitivity, *Photographic emulsions.</p> <p>(Materials--Photographic, TT, v. 10, no. 1)</p>	<p>63-17115</p> <p>I. Eggert, J. II. ATS-73Q67G III. Associated Technical Services, Inc., East Orange, N. J.</p> <p>Office of Technical Services</p>
---	--

Magnetic Investigations of Θ Gold-Based Solid
Solutions With Titanium and Vanadium, by E.
Vogt, D. Gerstenberg, 21 pp.

GERMAN, per, Annalen der Physik, Vol. ~~XXXXXX~~ IV,
No 7, 1959, pp 145-153.

AEC MP-Tr-471

Sci - Phys
26 Oct 60

130,867

Greiner, Ch.
INVESTIGATIONS OF THE REVERSAL OF THE
SPINORS IN CHARGED 180° BLOCH WALLS.
[1961] 20p. 4 refs.
Order from SLA \$1.60 61-20537

Trans. of Annalen der Physik (East Germany) 1959,
ser. 7, v. 5, no. 1/2, p. 57-69.

DESCRIPTORS: Nickel alloys, Iron alloys, Alloys,
*Ferromagnetic materials, Magnetic materials,
Stresses, Electrostatics, Energy, Thickness,
Magnetic properties.

Based on experimental results, an investigation of
the reversal of magnetization vectors is made for a
plate-shaped pattern of charged 180° Bloch walls on
the assumption of uniaxial anisotropy. The charge
distribution in the Bloch wall is indicated for three
characteristic paths of the reversal, and thick-
(Physics--Magnetism, TT, v. 8, no. 2) (over)

61-20537

1. Title: Bloch walls
 2. Title: Spinors
- I. Greiner, Ch.

Office of Technical Services

61-12972

Deubner, A. and Schulz, F.
THE CHANGE IN CONDUCTIVITY OF THIN
CUPROUS OXIDE FILMS UNDER ELECTROSTATIC
CHARGE. [1961] 15p.
Order from ATS \$19.95

ATS-43N48G

Trans. of Ann[alen der] Physik (East Germany) 1960,
ser. 7, v. 5, no. 3/4, p. 113-128.

ATS-903-G

- I. Copper oxide films--Conductivity
- I. Deubner, A.
- II. Schulz, F.
- III. ATS-43N48G
- IV. Associated Technical Services, Inc., East Orange, N. J.

158881

Office of Technical Services

(Physics--Solid State, TT, v. 5, no. 10)

R-3950-D

Theory of Diffusion Waves (Amplification Conditions in
Low Pressure Discharge), by H. Rother.
GERMAN, per, Annalen der Physik, Vol V, 1960, pp 252-267.

*JPRS/Air Force

Sci-Engn Phys
March 64

Badarau, [Iuyten] Popescu, [Ionitzu] and Iova, [Iancu].
CONTRIBUTIONS TO AN EXPLANATION OF THE MECHANISM OF THE DOUBLE CATHODE EFFECT.
Paper presented at Conference of the German Physical Society, Leipzig, 17 Apr 59. [1961] 35p. 41 refs.
Order from SLA ml\$3.00, ph\$4.30 61-10790

Trans. of Anna[us] der Physik (East Germany) 1960, 7 folge, v. 5, no. 5/6, p. 308-326.

Descriptions are given of theoretical and experimental results relating to the phenomena which take place at double and single cathodes during glow discharges in argon. The importance of the resonance charge transfer process in the kinetics of the positive ions in specific gases and, in particular, in the theory of the cathode fall is stressed. It is also demonstrated, under conditions of anomalous discharges at any rate, that the majority of excitations and ionizations takes place in front of the cathode in the negative glow, this formation constituting a practically
(Physics--Electronics, TT, v. 5, no. 9) (over)

61-10790

1. Cathodes--Theory
 2. Argon--Spectra
 3. Glow discharges--Theory
- I. Badarau, E.
 - II. Popescu, I.
 - III. Iova, I.
 - IV. Title: Conference ...

151860

Office of Technical Services

An Experimental Study of the Dielectric-
Constant Variations Related to Phase Change,
by Serge La Montagne, 45 pp-
FRANCE, par, Annales de Physique, Vol V,
1960, pp 469-508. 922331A
ABC-DC-T-65-707

Sci-Hype
Apr 65

278,137

To the Study of Light Sources in the Far Ultraviolet
and Application to Spectrochemical Analysis, by
G. Balloffet

FRENCH, per, Annales de Physique, Series 13,
Vol 5, 1960, pp 1243-1259
NTC 71-15493-20F

feb 72

(NY-5729/1)

~~SYM~~ Spontaneous and Forced Growth Direction in,
Growing of Ferrite Crystals, by Ulrich Roessler¹,
8 pp.

GERMAN, per, Analen der ~~NI~~ Physik, Vol VI,
No 5-6, 1960, pp 236-240.

JPRS 9690

Sci - Phys
Aug 61

163,111

(M-55729)

On the Theory of Nuclear Fission, I.
The Nuclear Force Interaction Between
Fragments, by W. Brunner, Harry Paul,
23 pp.

GERMAN, per, Annalen der Physik, Vol VI,
No 5/6, Sep 1960, pp 267-287.

JPRS 9691

Sci - Nuc Phys

179,121

Jan 62

(NY-5729/3)

Experimental Determination of the Components of
Permeability Tensor and the Spectroscopic
Splitting Factor of Mg - Mn Ferrites in the
Microwave Area. I, by K. H. Gothe, 18 pp.

HE GERMAN, pp., Annalen der Physik, Vol VI,
~~HE GERMAN~~ No 6, Sep 1960, pp ~~298-306~~ 298-306.

5

JPRS 9652

163,116

Sci - Phys
Aug 61

(NY-5729)

The General Form of the Law Governing the
Propagation of Shock Waves of the Gravitational
Field, by H. Treder, 6 pp.

GERMANY, Annalen der Physik, Vol VI,
No 5/6, Sep 1960, pp 307-310.

JPRS 7911

Sci - Phys

142,457

Mar 61

The Temperature Dependence of the Short-Wave-
Length Part of the Absorption of MgO in the
Infrared, by R. Groth, 22 pp.

GERMAN, per, Annalen der Physik, Vol VI, No 7,
1960, pp 328-344. 9207250

AEC/UORL Tr-920(L)

Sci - Phys

May 63

232,209

Döring, W. and Simon, G.
THE DIRECTIONAL DEPENDENCE OF MAGNETO-
STRICTION (Die Richtungsabhängigkeit der Magneto-
striktion). [1963] [32]p. (foreign text included) 8 refs.
Order from SLA \$3.60 63-14927

Trans. of Anfangen der Physik (East Germany)
1960 [ser. 7] v. 5, no. 7/8, p. 373-387.

DESCRIPTORS: *Magnetostriction, *Single crystals,
Crystal lattices, Symmetry (Crystallography),
Functions, Tensor analysis, Magnetic properties.

In a single crystal the magnetostriction can be ex-
pressed by means of a second order tensor, the com-
ponents of which depend on the magnetization direc-
tion. With the aid of group-theory method, this
dependence is expressed for all crystals in such a
form that the symmetry of the crystals will suffice for
(Physics--Magnetism, TT. v. 10, no. 4) (over)

63-14927

I. Döring, W.
II. Simon, G.

Office of Technical Services

The Theory of Nuclear Fission. I. Nuclear Force Interaction Between Fragments. II. Deformation of Fission Fragments. III. Dependence of the Nuclear Force Interaction and the Kinetic Energy on the Deformation. IV. The Effect of Magic Numbers on Nuclear Fission, by W. Brunner, H. Paul.

GERMAN, per, Annalen der Physik, Parts I-IV, Vol VII, No 6, 1960, pp 267-277; Vol VII, No 7, 1961, pp 326-341; Vol VII, No 8, 1961, pp 146-157.

AEC/DEER Tr 897

Sci - Nucl Phys
May 63

232,240

Experimental ~~Study~~ Study of Contact Thermal
Resistances, by H. Cordier, 16 pp.

FRENCH, per, Annales de Physique, No 1-2, 5-19,
1961.

DOC RSIC-116

Sci - Phys
Feb 64

248,321

On the Modification of the Statistical Model of the
Atom With the Correlation Correction. by P. Garbas.
8 pp.

GERMAN, per, Annalen der Phys, Vol VII, 1961, pp 1-7.
9093894

AEC UCRL Tr-716(L)

Sci - Phys
Dec 61

177, 452

(NY-10)

Evaluation of r_{1k} -Integrals Used During
Calculations of the Ground State of Lithium,
by H. Aden, 4 pp.

GERMAN, per, Annalen der Physik, Vol ~~82~~
VIII, No 1/2, 1961, pp 28-30.

JPRS 11630

Sci - Phys

Jan 62

178,595

Contribution to the Study of the Probabilities
of Gamma Transitions by the Method of Delayed
Coincidences, by Robert Mangenouille, 96 pp.

FRENCH, par, Annales de Physique, Vol VI,
No 9-10, 1961, pp 1121-1180, # 9669348

Navy 3408/NRL 929

Sol - Phys
Jun 63

231,926

TT-64-14745

Wagner, Rolf.
THE ANGLE DEPENDENCE OF THE MAGNETIC
FIELD INDUCED ANISOTROPY IN THE IRON,
NICKEL, FERRITE SINGLE CRYSTAL (Die
Winkelabhängigkeit der Magnetfeldinduzierten
Anisotropie im Eisen-Nickel-Ferrit-Einkristall). [1963]
[24p] (foreign text included)
Order from SLA \$2.60 TT-64-14745

I. Wagner, R.

Trans. of Annalen der Physik (East Germany) 1961
[ser. 7] v. 7, p. 302-311.

Office of Technical Services

(Physics--Solid State, TT, v. 11, no. 11)

Contributions to the Study of Infrared Emissions in
Germanium, by Jacques I. Pankove, 64 pp.
FRENCH, per, Annales de Physique, Vol VI, 1961,
pp 331-374. 9225774
AEC-UCRL-Tr-1111 (L)

Sci-Phys
Dec 64

270,084

The Effects of High Pressure on Barium Titanate
Ceramic, by Martin Richard, 1961

GERMAN, per, Annalen der Physik, Vol VIII,
No 7, 1961, pp 333-341.

J
~~Navy/USRL~~

Sci - Phys
Oct 63

May 20 3 50 PM '63

TT-64-14001

Bouissou, Henri.
INFLUENCE, ON SURFACE TEMPERATURE MEAS-
UREMENTS BY MEANS OF THERMOCOUPLES, OF
RADIATION RECEIVED BY THE LATTER AND
THEIR METHOD OF CONNECTION. [1963] [19p]
4refs

I. Bouissou, H.

Order from SLA \$1.60 TT-64-14001

Trans. of Ann[ales de] Phys[ique] (France) 1962
[ser. 13] v. 7 [no. 9/10] p. 535-544.

(Physics--Thermodynamics, TT, v. 11, no. 12)

Office of Technical Services

The characteristic Curves of X-Ray Films, by
Wadim NEFEDOW, 13 pp.
~~KRETSKIKH~~ GERMAN, per, Annalen der Physik, Vol VII,
No 10, 1962, pp 64-73.

GIA/FDD XX-1511
NO FOREIGN DISSEM

Sci - Phys
Mar 64
USIB Internal Use Only

252,264

Fischer, R., Neumann, H., and Kleint, Ch.
ON THE THEORY OF FIELD EMISSION IN SEMI-
CONDUCTORS. [1962] 10p. 10 refs.
Order from SLA \$1.10

63-10863

Trans. of Annalen der Physik (East Germany) 1961,
ser. 7, v. 8, no. 3/4, p. 196-203.

DESCRIPTORS: *Semiconductors, *Field emission,
Field theory, Temperature, Penetration.

The theory of field emission in semiconductors for any
temperature range was extended to p-type semicon-
ductors, and formulas for the field penetration were
derived. The surface states were not considered.
(Author)

(Physics--Solid State, TT, v. 10, no. 2)

63-10863

I. Fischer, R.
II. Neumann, H.
III. Kleint, C.

Office of Technical Services

The Effects of High Pressure on Barium Titanate
Ceramic, by Martin Richard, 10 pp.
GERMAN, per, Annales der Physik, Vol VIII, No 7,
1961, pp 333-341.
Navy Tr 3899/USRL 39

Sci - Phys
Oct 64

267,980

Kinetic Theory of Weakly Ionized Plasmas in
a Magnetic Field, by H. Falkenhagen,
W. Ebeling. FOR GOVERNMENT USE ONLY
GERMAN, per, Annalen der Physik, Ser 7,
Vol X, 1961, pp 347-359. 9696438
DEC REIC-340

Sci - Phys
Apr 65

278,255

Equation of State of a System of Charged Particles,
by G. Kelbg.

GERMAN, per, Annalen der Physik, Series 7, Vol IX,
1962, pp 168-173. 9204992

AEC-UCRL-Tr-860(1)

Sci - Phys

227,044

Apr 63

O. Bely

Excitation of Atoms by Electron Impacts, As Applied
to the Excitation of Resonance Transitions in the
Isoelectronic Series of Lithium and Sodium.
FRENCH, per, Annales de Physique, Vol 8, Ser. 13,
July-August 1963, pp 303-321.
NASA TT F 14,430

Oct 72

Kamprath, W.
THE OPTICAL ABSORPTION OF AMORPHOUS SELENIUM WITH ADDITIONS OF TELLURIUM, ARSENIC AND BISMUTH. [1963] 6p. 9 refs.
Order from SLA \$1.10 63-10918

Trans. of Annalen der Physik (East Germany) 1962 [ser. 7] v. 9, no. 7/8, p. 382-387.

DESCRIPTORS: *Selenium, *Tellurium, *Arsenic, *Bismuth, *Absorption spectrum, Infrared radiation, Melting, Solids.

The infrared absorption spectrum of amorphous selenium was investigated and an exponential dependence of the absorption coefficient on the energy of the incident light was established at the band edge. In addition a band situated at 9.1 microns is confirmed. The homogeneous, mixed selenium-tellurium and selenium- (Physics--Solid State, TT, v. 10, no. 2) (over)

63-10918

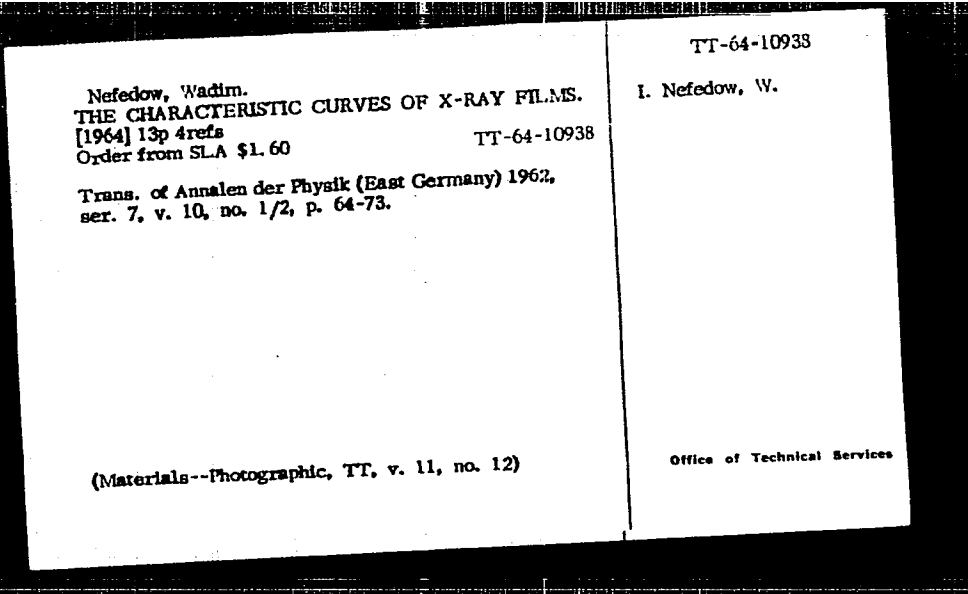
I. Kamprath, W.

Office of Technical Services

A6B and A6BX Type Spectra. Nuclear Resonance
Spectra of Isopropyls, by J. Ranft. *31pp*
GERMAN, per, Annalen der Physik, Vol X, No 1, 2,
1963, pp 1-30. *9695072*
FTD-TT-64-537

Sci - Phys
May 1 64

Negative
AS
12/5/64



*R-13488-E
15 July 1971*

Agency: Air Force

P. O. #: ARO-0001-70-08

Title: Fehlerabschätzung für Messungen mit
magnetischen Sonden.

Author: G. Ecker and others.

Source: Annalen der Physik, 10, 220 (1962)

Language: German to English

pp 220-228

Special Instructions: Please translate and
type one copy.

High-Purity Germanium -- Surface Conduction and
Carrier Life, by F. Aurich, H. P. Kleinknecht, et al,
29 pp.
GERMAN, per, Annalen der Physik, Vol XI, No 7,
1963, pp 83-100. 9223556
AEC-ORNL-Tr-120

Sci-Phys
Sep 64

265,853

AEC (RFP-Trans-78) DETERMINATION OF THE
ACTIVATION CROSS-SECTION OF SHORT LIVED NUCLEAR
ISOMERS FOR THERMAL NEUTRONS. Alexander, K. F.;
Brinkmann, H. F. Translated from Ann. Phys. (Leipzig);
(7) 12: 225-62(1963). 41p. Dep. NTIS.

25

physics (nuclear); translations 20H

MN-34 P NSA

The Coherence of Induced Radiation,
by H. Paul.
GERMAN, per, Annalen der Physik, Ser 7,
Vol XII, 1963, pp 290-301.
Dept of Navy 4799/APL/JHU T-1879

Sci - Phys
Aug 66

305,650

**Nuclear Resonance Fluorescence in the Mev-Region
With Neutron Capture Radiation, by Hans H. Fleischmann,
26 pp.
GERMAN, per, Annalen der Physik, Vol XII, Series 7,
No 3, 4, 1963, pp 133-155. 9222294
AEC-Tr-6370**

Sci-Phys
Jun 64

259,764

Theory of Quantum-Plasma, by G. Kelbg, 6 pp.
GERMAN, per, Annalen der Physik, Vol XII, No 3,4,
1963, pp 219-224. 9695602
FTD-TT-684-425

Sci - Phys
Feb 65

274,126

General Properties of Electron Gas,
by W. Macke, P. Ziesche.
FOR GOVERNMENT USE ONLY
GERMAN, per, Annalen der Physik, Series 7,
Vol XIII, 1964, pp 25-40. 9695811
DDC BSIC-339

Sci - NS
Apr 65

278,265

Blackening of Agfa-Schumann and Q_2 Plates by
Ions of Different Masses with an Energy of 2.5-20
KeV, by H. Wagner
GERMAN, per, Annln Phys, Vol. 13, No. 7, 1964,
pp 189-207
GB 131/T 4879

Sci -
Aug 67

337-221

Measures of Velocities by Doppler Effect of
Millimeter Waves, by Guy Garcin,
EXPERIMENT USE ONLY
FRENCH, par, Annales de Physique, Vol IX,
1964, pp 377-383. P200108667
RSIC-521

Sci-Phys
May 67

326,161

On the Theory of the Contact of Solid Elastic
Bodies, by H. T. Huber.
GERMAN, per, Annalen der Physik, Vol 14, Ser 4,
pp 153-163.
Dept of Navy NIC tr 2530

Sci/Phys
Apr 68

351,255

On the Existence of a Maximum Principle as an
Equivalent Formulation of the Potential of
Atoms, by K. Guenther. ^{19 pp} ~~the~~ ^{# 7} Potential of
GERMAN, per. Annalen der Physik, Vol 14, 1964,
pp 296-309.
AEC-ORNL-tr-2156

Sci-Phys
Aug 69

390,009

On Diffusion, by Adolf Fick,

GERMAN, part, in Ann Physik und Chem, Vol XCIV,
1895, pp 79-86.

ARC Tr-1009

Sci
May 61

151, 151

R-11353-D S.B.
25 Feb. 70

Agency: Air Force
P.O.#: ARD-0001 70-3
Title: Uber Ringbildung in Flussigkeiten
Author: Reusch, E
Source: Annalen der Physik und Chemie 180
309 (1860)
Language: German to English
Special Instructions: Please translate and
type one (1) copy.

On the Thermal Conductivity of Liquids, by
L. Graetz, 13 pp.

Herman
GRAETZ, per, Ann Phys Chem, Vol XVIII, 1883, ⁸
pp 79-94. ₁

AEC/AERE Lib 794

Sci - Phys

Nov 58

76.452

Heat Conduction in Fluids, by L. Graetz, 19 pp.

German
ITALIAN, per, Ann Phys Chem, Vol XXV, 1885, pp
225-238.

AEC/AERE Lib 796

Sci - Phys

Nov 58

76,453

The Generation of Electricity and Heat in Electrolytes
by M. Planck, 40 pp.

Full translation.

GERMAN, per, Ann. Phys.-u. Chem. (new series), Vol XXXIX,
No 2, 1890, pp 161-166.

NH TR 77

Scientific - Chemistry

Nov
Oct 55
CIS/DEX

28,179

Determination of the ~~REZONANCE~~ Optical Constants of Metals, by P. Drude.

GERMAN, per, Annalen der Physik und Chemie, Neue Folge (Annals of Physics and Chemistry, New Series), Vol XXXIX, No 4, 1890, pp 480-554. 9203411

AEC-SCL-T-448

Sci - Mat & Met

Mar 63

226, 595

Hydrodynamic-Acoustic Experiments. On the
Moment of Rotation Experienced by a Revo-
lution Ellipsoid Resting in an Oscillating
Liquid, Theory of the Rayleigh Discs, by
W. Konig.

GERMAN, per, Ann Phys u Chem, Vol XLIII, 1891,
pp 43-60.

INSDOC-1891

Sci - Aug 58

72,724

On Vibrations of the Air, by A. Raps.

GERMAN, per, Annalen der Physik und Chemie,
Vol L, No 10, 1893, pp 193-220.

*Navy/APL 258

Sci - Phys
Aug 63

Propagation of Electrodynamie Waves on a Wire, by A.
Sommerfeld, 10 pp.

FRENCH, per, Ann Phys & Chem, Vol LXVII, No 2, 1899,
pp 233-236, 287-290

SLA 5⁰.65

Sci

Jul 59

91,329

The Propagation of Light in a Dispersing Medium,
by A. Sommerfeld

GERMAN, per, Annalen der Physik und Chemie, Vol. IV, No
44, 1914, pp 177-202.

S.L.A. Tr Pool

Scientific - Physics
CIS/INDEX

14,285

Halides, by J. J. Berzelius, 3 pp.

GERMAN, per, Ann Phys Chem, Vol XCII, No 2,
1829, pp 403-406.

1929

AEC Tr 2826

Sci - Chemistry

45,104

Mar 57/CIS

<p>Wirtz, K. ON THE KINETICS OF THERMAL DIFFUSION IN LIQUIDS (Zur Kinetik der Thermodiffusion in Flüssigkeiten). [1960] [12]p. 20 refs. Order from SLA mi\$2.40, ph\$3.30 60-18009 Trans. of Annalen der Physik (Germany) 1939 [ser. 5] v. 36, p. 295-302.</p> <p style="text-align: right;">147,112</p> <p>(Unannounced)</p>	<p style="text-align: center;">60-18009</p> <ol style="list-style-type: none">1. Liquids--Temperature factors2. Liquids--Diffusion3. Diffusion--Temperature factors4. Title: Thermal diffusion <p>I. Wirtz, K.</p> <p style="text-align: center;">Office of Technical Services</p>
--	---

Über die elektrische Doppelschicht an der Oberfläche
von Quecksilber. (Ann. Phys. Lpz. V. 80: pp 137-180
1926, by Alfons von Buhl

GERMAN

R-332-N

* SPRS/Picatinny Arsenal

Anomalous H^+ and OH^- ion Mobility In Water, by A. Gierer.
FRENCH, per, Annls. Phys., Ser. 6, Vol 6
1949, pp 257-304
GB 10/4264

Sci -
Sep 67

340,102

Research on the Tonus and Contraction of Skeletal
Muscles, by F. Bremer, J. Titeca, 4 pp.

FRENCH, per, Ann de Physiolog et de Physiocochemie
Biolog, Vol IV, 1928, pp 739-743.

Sci - Med

Jan 58

NIH 12-35

SWA 5/3/50

57, 815-

SWA - 57-3/57

The Function of the Pancreas Considered as an
Endocrine Gland, by Ogo Lombroso, 2 pp.

FRENCH, per, Annales de Physiologie et de
Physicochimie Biologique, Vol XVI, 1940, pp 298-312.

SLA 60-10841

Sci

OTS, Vol III, No 6

Sep 60

Order from NTC

ANNALES DE PHYSIOLOGIE VEGETALE. PARIS
1959 VI N1 P83-91 70-21625-06A <

The Organic Acids of Forage Plants. Pt. II.
Variations with the Stage of Development in
the Case of Orchard Grass and Meadow Fescue,
by G. Fauconneau.
FRENCH, per, Annales de Physiologie Vegetale,
Vol I, No 2, 1959, pp 179-187.
SLA TT 64-30288

Sci-
Jun 67

327,332

Comparison Between the Influence of Nitrate and Ammonia
Nutrients, Combined, With or Without Phosphoric Acid
Deficiency, on the Absorption and Metabolism of Anions and
Cations and More Particularly of Organic Acids in Maize.
~~EX~~Comparison ~~Between~~ Maize and Tomato in Regard to
the Nature of Nitrogen Supplies, by Y. Colic, et al.
FRENCH, per, Annales de Physiologie Vegetale, Vol III,
No 3, 1961, pp 141-163.

CSIRO/No 6173

Sci - Biol

Feb 64

250,402

To the Study of Light Sources in the Far
Ultraviolet and Application to Spectrochemical
Analysis, by G. Balloffet.
FRENCH, per, Annales de Physique, Series, 13,
Vol 5, 1960, pp 1243-1259.
NTC-71-15493-20F

Feb 72

62-22614

Nuccorine, R. and Menna, G.
STUDIES ON THE COMBUSTIBILITY OF TOBACCO,
IV. [1962] 36p.
Order from K-H \$45.00 K-H 3965-b

Trans. of [Pisa U. Facoltà di Agraria. Annali] (Italy)
1930, v. 6, p. 263-299.

DESCRIPTORS: *Combustion, *Tobacco, Chemical
properties.

(Chemistry--Analytical, TT, v. 9, no. 1)

I. Nuccorine, R.
II. Menna, G.
III. K-H-3965-b
IV. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

Office of Technical Services

Benoit, J. R.
STANDARDIZATION OF SETS OF WEIGHTS. [1963]
57p. 5 refs.
Order from SLA \$5.60 63-14704

Trans. of Annales des Poids et Mesures [sic] 1907,
v. 13, p. 1-48.

DESCRIPTORS: Standardization, *Weights (Analytical)

(Research Methods, Techniques and Equipment, TT,
v. 10, no. 10)

63-14704

I. Benoit, J. R.

Office of Technical Services

Note on the Cost of Railway Transport, by
W. Nordling, 7 pp.

FRENCH, bk, Annales des Ponts et Chaussées,
1886, pp 292-303.

Macmillan & Co Ltd.
Internatl Econ Papers,
No 10

WEur-France
Econ
CIA Lib HB 31 .I6 v.10
Jun 61

153,603

<p>Freyssinet, E[ugen]. PRINCIPLES OF A THEORY OF THE SHRINKAGE OF CEMENTS. [1963] 9p Order from SLA \$1.10</p> <p>TT-64-14351</p> <p>Trans. of Annales des Ponts et Chaussées (France) 1932 [ser. 8, v. 102] no. 3, p. 408-416.</p> <p>DESCRIPTORS: *Cements, *Deformation, Theory, *Loading (Mechanics),</p> <p>(Materials, TT, v. 11, no. 9)</p>	<p>TT-64-14351</p> <p>I. Freyssinet, E.</p> <p>Office of Technical Services</p>
---	---

TT-64-14849

Freyssinet, E.
PRINCIPLES OF A THEORY OF THE SHRINKAGE OF
CEMENTS. Presented to the Convention of the "Associ-
ation International des Ponts et Charpentes", 23 May 32.
[1964] [9p]
Order from SLA \$1.10

TT-64-14849

Trans. of Annales des Ponts et Chaussées (France)
1932 [ser. 8, v. 102] p. 1434-1442.

I. Freyssinet, E.
II. Title: Association ...

(Materials, TT, v. 11, no. 12)

Office of Technical Services

<p>Lucas, Maurice. CONTRIBUTION TO THE STUDY OF THE SHRINK- AGE OF CEMENTS. [1960] [58]p. 13 refs. Order from SLA ml\$3.60. ph\$9.30 61-10663</p>	<p>61-10663</p>
<p>Trans. of Annales des Ponts et Chaussées (France) 1937 [8 ser.] v. 107, no. 2, p. 223-282.</p>	<p>1. Cements--Physical properties 1. Lucas, M.</p>
<p>151812</p>	
<p>(Unannounced)</p>	<p>Office of Technical Services</p>

The Study of Movements of Sand. Caused by the Wind.
Section B: Currents and Movements of Sand Caused
by the Wind, by R. Irribarren Cavanilles.

FRENCH, Ann Ponts Chauss, Vol. CXIX, 1949,
pp 83-95.

DSIR/4151/CT

Scientific - Geophysics

80,249

Note on Sealing of the Auron Reservoir, by
M. Cachera.

FRENCH, per, Annales Des Ponts Et Chaussées,
Vol CVII, No 10, Oct 1937, pp 578-590.

OCE Tr No 40-20

Scientific - Engineering Jan 55 CTS/DEX

20,639

Photoelasticity in Three Dimensions, by M. A. Kammerer
UNCLASSIFIED

FRENCH, per, Ann. Ponts, Chauss, Vol. CXXI, No 1, 1951,
pp 71-104

R.A.E., FARNBOROUGH 433

Scientific - Physics

11,566

April 54 CFS/DEK

62-16474

Larras, Jean.
EXPERIMENTAL INVESTIGATIONS ON THE BREAK- I. Larras, J.
ING OF THE WAVES (Recherches Expérimentales
sur le Déferlement des Lames). [1962] [40]p. (foreign
text included) 8 refs.
Order from SLA \$3.60 62-16474

Trans. of Annales des Ponts et Chaussées (France)
1952 [ser. 8] v. 122, p. 525-542.

DESCRIPTORS: *Water waves, *Break-waters,
Hydrodynamics, Experimental data.

(Mechanics--Hydrodynamics, TT, v. 8, no. 9)

Office of Technical Services

The Causes of Systematic Error in the Cost
Estimates of Public Works, by R. Giguet,
G. Morlat.

FRENCH, per, Annales des Ponts et Chaussées
Ser 8, Vol. ~~XXX~~, CXXII, No 5, 1952, pp 543-562.
CFSTI TT 64-71381

Apr 67

323,069

Fundamental Problems of Compaction, by J.G. Claudon.
FRENCH, per, Annales des Ponts et Chaussees
(Ministere des Travaux Publics et Transports, Paris)
Vol. 133, No. 3, 1963, pp 333-360.
NZDIA

Sci -
Aug 67

334-752

Underground and Submarine Telegraph Lines in
England, by M. Ballet, 46 pp.

French
~~FRANCE~~, per, Ann. Postes, Vol IX, Mar 1920, p 37.

SLA 57-1546

Scientific - Engineering

63,372

The Use of the Baudot Telegraph in Wireless
Telegraphy, 12 pp.

French
~~English~~, per, Ann Postes, Vol X, Jun 1921, pp
193-207.

SIA Tr 57-556

Sci - Electricity

Aug 57

50,648

Some Special Aspects of the Installation of the
Paris-Vierzon Cable, by P. Desjoyeaux, J. Tardy,
45 pp.

FRENCH, per, Ann Postes, Vol XXVIII, No 3,
Mar 1939, pp 175-210.

SLA Tr 57-1037

Sci - Electronics
Jan 58

57, 591

Troubles on Weak Current Lines Caused by Electric
Railways, by O. Brauns, 10 pp.

FRENCH, per, Ann. postes telegraphes et telephones,
Vol IV, No 4, Jun 1914, pp 566-603.

SLA 57-1575

Scientific -

63,385

Aluminium and Its Application to Electric
Wires, by M. Dusaagey, 32 pp.

FRENCH, per, Ann Postes, Telegraphes et
Telephones, Sep 1920, pp 366-412.

SLA Tr 57-2210

Sci

Jul 58.

68,023

The Report of the Preliminary Technical Commission
for Long Distance Telephony in Europe, 57 pp.

~~SECRET~~, Per. Ann Postes Telegraph et Telephonie,
Vol XII, 1923, pp 1066-1061.

Sep

SLA 57-2183

Sci
Jul 58

68,098

Choice of an International Standard,
Permitting the Evaluation of the Transmission of
Telephone Connections, by F. Breisig, 20 pp.

FRENCH, per, Annales des Postes Telegraphes et
Telephones, Vol XIII, Dec 1924, pp 1236-1249.

5
SLA 60-10898

Sci

OTS, Vol III, No 7

133,097

A New Electromagnetic Oscillograph and Its
Use in Connection with Alternating Current
Measurements, by R. Dubois, 27 pp.

FRENCH, per, Ann Postes, Telegraphes et Tele-
phones, Vol XIV, AUG 1925, pp 709-728.

SLA Tr 57-2122

Sci - Elec Engr

Jul 58

67,898

Order from NTC

ANNALES DES POSTES, TELEGRAPHES ET TELEPHONES			
1925	V14	P1176-1192	70-21904 <*>
1926	V15	P437-449	70-21951 <*>
1929	V18	N1 P23-38	70-21110 <*>
1937	V26	N3 P198-215	70-21952 <*>

Experiments Conducted on Some Potassium Amalgam
Lightning-Arresters, by L. J. Collet, 12 pp.

FRENCH, per, Ann. Reates, Jan 1926, pp 13-24.

SLA Tr 57-1048

Sci - Electricity

52,359

Sep 57

Contribution to the Theory of the Telephone
Transformer, by J. Carville, H. Renault, 54 pp.

FRENCH, per, Ann Postes Telegraphic et
Telephonie, Vol XV, Sep 1925, pp. 768-825.

SLA Tr 57-2469

Sci

Aug 58

68,676

REMARKS ON THE RAPIDITY OF TELEGRAPH TRANSMISSION
ON LINES WORKED BY SYNCHRONOUS APPARATUS, BY L.
COLLET, 20 pp.

FRENCH, per, Ann Postes Telegr Et Telephones,
Vol XVI, 1927, pp 1-16.

Jan

SLA Tr 57-875

Sci - Electronics
Jan 58

57,585

Note on the Kipfmüller Method of Locating Faults
in Insulation, by R. Danand, 4 pp.

FRENCH, per, Ann Postes, Telegr et Telephones,
Vol XVI, No 7, Jul 1927, pp 592-594.

SLA Tr 57-908

Sci - Electronics
Jan 58

57,602

The Taling Film, by P. Bonneau, 42 pp.

FRENCH, per, Ann Postes Telegraphes et Telephones,
Vol XIX, Dec 1930, p 1009.

SLA 57-1582

Sci
May 58

63,263

The Baudot Relay. A Theoretical Investigation, by
M. Bayard, 28 pp.

FRENCH, per, Ann Postes, Telegraphes et Telephones,
Vol XX, No 11, Nov 1931, pp 882-902.

SLA 57-2083

Sci
May 58

63,278

Service of Studies and Technical Research Use of
Copper-Oxide Rectifier Elements for Protection
Against Acoustic Shocks, by L. J. Collet, 18 pp.

FRENCH, per, Ann Postes Telegraphes et Telephones,
Apr 1932, pp 329-341.

SLA Tr 57-2374

Sci

Aug 58

68.677

Protection of Broadcasting Reception from Industrial Disturbances, by P. Blaze, 25 pp.

FRENCH, per, Ann Postes Telegr et Telephones, Vol XXIII, No 3, Mar 1934, pp 201-221.

SLA Tr 57-2237

Sci - Elec Engr

Jul 58

67,854

High Stability Repeater for Two-Wire Telephone Circuits, by R. Bigorgne and P. Marzin, 15 pp.

FRENCH, per, Ann Postes Telegraphes et Telephones, Vol XXV, No 6, Jun 1936, pp 595-603.

SIA Tr 57-2046

Sci - Elec Engr

Jul 58

67,889