

Evidence for the Interaction of Mo and C atoms
in Internal Friction Studies of Fe-Mo-C Alloys,
by G. Collette.
FRANCK, Comptes Rendus Acad Sci, Vol 251,
1960, pp 2017-2019.
*Nat Bur Stand TT 70-57723

Sci-Materials
Jul 70

61-18614

Cohen-Adad, Roger, Tranquard, Aymond and others.
INORGANIC CHEMISTRY: THE AQUEOUS SODIUM
HYDROXIDE SYSTEM (Chimie Minérale: Le Système
Eau-Hydroxide de Sodium). 21 June 61 [6]p. (foreign
text included) 6 refs.
Order from SLA \$1.10

61-18614

Trans. of Academie des Sciences [Paris]. Comptes
Rendus (France) 1960, v. 251 (no. 19) p. 2035-2037
(pub. by Gauthier-Villars et Cie., Paris).

DESCRIPTORS: *Chemistry, *Sodium compounds,
*Hydroxides, *Hydrates, Chemical equilibrium, Solv-
bility, *Inorganic compounds.

This study is completed by the examination of the equi-
librium constant, the diagram of which Pickering had
established in 1893. We have found the eight sodium
hydroxides observed by Pickering. But the fractional
hydrates described by Pickering were not observed.
(Author)

I. Cohen-Adad, R.
II. Tranquard, A.
III. Title: Aqueous ...

(Chemistry--inorganic, TT.
v. 6, no. 10)
Office of Technical Services

61-10892

Rhude, [non].
CHANGES DUE TO RESERPINE IN THE SYMPTOMS
OF CONVULSIONS PROVOKED IN RABBITS. STUDY
OF NEURO-MUSCULAR PARALYZING AGENTS

(Modifications par la Reserpine de la Symptomatologie
de Crises Convulsives Provoquees Chez le Lapin.
Etude des Paralyzants Neuro-musculaires). Mar 61,
3p. 5 refs.

Order from SLA at \$1.80, pb \$1.80 61-10892

Trans. of [non] (Année des) Sci[ences] Par[is].
Chimie [non] (France) 1960, v. 251,
p. 2248-2249.

- 1. Reserpine--Physiological effects
- 1. Reser, J.
- 2. Title: Study ...

148687

Office of Technical Services

(Biological Sciences--Pharmacology, TT, v. 8, no. 1:D)

Mineralogy - study of the Self-Diffusion of
Zirconium in the BDD β Phase Note, by Dimitri
Volokoff, Serge May, Yves Adda, 4 pp.

FRANCOIS, per, Comptes Rendus, Vol CCLI, 1960,
pp 2341-2343.

AFC Tr-~~843~~ 4534

Sci
Jan 61

155,941

Legache, Michel, Chateau, Marcel, and Pomey, Jacques.
 GRAFTING-CROSSLINKING OF ALLYL CELLULOSE WITH VINYL MONOMERS (Greffage-Pontage de l'Allylcellulose par les Monomeres Vinyliques). [1962] 6p. 2 refs.
 Order from SLA \$1.10 62-14313

Trans. of [Academie des Sciences, Paris]. Comptes Rendus (France) 1960, v. 251, no. 22, p. 2153-2159 (pub. by Gauthier Villars et Cie., Paris).

DESCRIPTORS: *Vinyl radicals, *Allyl radicals, *Cellulose, Chemical bonds, Fibers.

The special properties of allyl cellulose are associated either with the double bond or the reactivity of the methylene group between the ether oxide group and the double bond. Especially, the latter group can be activated by ultraviolet light and initiates the grafting of vinyl monomers. (Author)
 (Chemistry-Organic, TT, v. 8, no. 7)

62-14313
 Legache, M.
 H. Chateau, M.
 H. Pomey, J.

Office of Technical Services

Transient Increase of Internal Friction in the
Course of Isothermal Precipitation of Carbon in
Non Iron-Carbon Alloy, by G. Collette.

FRANCOIS, par, Comptes Rendus, Vol CCXI, 19 Dec 1960
pp 2930-2932.

NDI 3016

Sci - n/a

Dec 62

List 158

217,210

Metabolism of the Car Fetus Close to
the End of the Pregnancy, by A. Varain,
A. Njanda-Frey, 9 pp.
Publ. SACH, par. Comptes Rendus, Vol CCL, 1960,
pp. 1079-1081. 912074
Publ. - CCHL - Tr-1190 (L)

Sci-01/04
Jan 68

281,068

On Conditions for the Roots of a Polynomial
With Real Coefficients to Have Negative
Real Parts, by Robert Heyns.

FRANCK, per, Comptes Rendus / Academi des
Sciences, Jul/Aug 1962, pp 75-78.

Navy Tr 3560/AFL 3853

Sci - Math & Data Process
Step 63

344,158

Heterodiffusion of Chloride and iodide
ions in Some Monocrystal Alkali Halogens
by J.C. Beaumont, 3 pp.
FRENCH, per, C.R. Acad. Sci. 252, 1961
pp. 113-115.
*NBS TR 70-57607

Sci/chem
Jul 70

Netardiffusion of Chloride and Iodide
ions in some Polycrystalline Alkali
Halogenes, by J.C. Beaumont, 3 pp.
FRENCH, per, C.R. Acad. Sci. 252, 1961
pp. 266-268.
*NBS TR 70-57606

Sci/chem
Jul 70

Dissociation of the Dislocations in Iron and the
Body Centered Cubic Metals, by Charles Crussard,
1 pp.

FRANCE, Paris, Comptes Rendus, Vol CCLII, 1961,
pp 273-275. 5099906

ABC Tr-501A

Doc - Min/Metals
May 62

196, 766

Metallography - Study of Self-Diffusion of Uranium
in the Alpha Phase, by Yves Adda; Alexis Kirilenko,
Claude Morley, 4 pp.

FRENCH, par, Comptes Rendus, 17 Jul 1961, pp 4457-4461
9097013

AEC HW Tr-30

Sci - Min/Metals
Mar 62

186.479

First Order Dioptries of Thin Cylindrical
Magnetic Lens, by G. Baquet, et al.

WRECH, par, X Comptes Rendus,
Vol. CCLIII, No 4, 1961, pp 922-924.

Broken Hill Prop Co Ltd
(ORL/T.685)

Doc - Hbys
Jul 62

207,587

Fang, Pao-Hsien, Robbins, Carl, and Forrat, Francis.
FERROELECTRICITY: FERROELECTRIC PROPERTIES
OF THE MIXED TITANATES OF $\text{Bi}_4\text{Ti}_3\text{O}_{12}$, n- BaTiO_3
SYSTEMS. [1961] [3p.
Order from SLA \$11.10

62-10139

Trans. of Académie des Sciences, Paris. Comptes
Rendus (France) [1961, v. 252, p. 683-685] (pub. by
Gauthier Villiers et Cie., Paris).

DESCRIPTORS: *Bismuth compounds, *Bismuth com-
pounds, *Titanium, Dielectric properties, Crystal
structure, *Ferroelectricity, Ferroelectric materials,
Ferroelectric crystals, Ceramic materials.

(Materials--Ceramics, TT, v. 7, no. 9)

62-10139

I. Fang, Pao-Hsien
II. Robbins, C.
III. Forrat, F.
IV. Title: Ferroelectric ...

Office of Technical Services

Simple Electrolytic Method of Preparing Thin Metallic
Sheets for Direct Examination by an Electronic
Microscope, by N. Azam, M. Bouleau, P. A. Jacquet, et al.

FRENCH, per, Comptes Rendus, Vol CCLII, 30 Jan 1961,
pp 698-700. 9098273

PAISC Tr-4977

Sci - Ingr
Feb 62

On the Influence of Plastic Deformation
on the Velocity of Interstitial Diffu-
sion, by P. Chollet, 3 pp.
FRENCH, per, C.R. Acad. Sci. 252, 1961
pp. 728-730.
*NBS TR 70-57605

Sci/phys
Jul 70

Study of the First Stage of Natural Sintering in the
Gamma Phase of Uranium Powder by Isothermal
Dilatometry, by P. Bernard.
FRENCH, per, C. R. Acad Sci, Vol 252, 1961,
pp 1149-1151.
*NBS TT 71-53021
Available NBS Only

June 71

On the Horizons of Molybdenum and Tungsten the New
Compounds MoF₆ and WCl₆, by Andre Christian.

RESEARCH, par, Comptes Rendus, Vol OCLII, No 5,
30 Jan 1968, p 742.

Dept of Interior
INT INT No 650

Doc. - Misc & Misc

230,665

1849 63

Relation Between the Phase Diagram and Interaction
Parameters, by E. Bonnier.
FRENCH, par, Comptes Rendus Acad Sci, Vol 253,
1961, pp 867-869.
*Nat Bur Stand TT 70-57711

Sci-Math
Jul 70

FRANCE, by Elisabeth Laffitte, Christian
Rujala, 7 pp.

FRANCE, per, Comptes Rendus, Vol CCLII, 1961,
pp 1008-1010. 1075492

AEC UCER Tr-2781(L)

Rec. - Phys
Jun 62
List 69

197, 828

Determination to Within 3×10^{-14} Sec of the
Instant of Emission of a Photon in the Visible
Region, by Bernard Agrinier, Alain Raviart.

FRENCH, publ, Acad des Sciences, Comptes Rendus,
Vol CCLIX, Feb 20, 1961, pp 1127-1128. 9203663

UNRL-Tr-877-L

Sci - Electric

Mar 63

226,577

Effect of Cold Hammering on the Structure of an Alloy Resistant to Structural Hardening After Heating at Various Temperatures, by Charles Apert, 3 pp.

FRENCH, per, [Academie des Sciences, Comptes Rendus, N° 252, Jan-Feb 1961, pp 1152-1154.

JPRS/SF-3141/SPECIAL

Sci. - M/M
APR 64
May

<p>Drillat, J. THE REACTION MECHANISM OF THE SLOW OXI- DATION OF BENZENE IN THE GAS PHASE. [1961] 3p. Order from ATS \$4.25 ATS-55N52F</p> <p>Trans. of Académie des Sciences, Paris, Comptes Rendus (ser. II) (France) 1961, v. 252, no. 8, p. 1155-1157 (pub. by Gauthier-Villars et Cie., Paris).</p> <p>DESCRIPTORS: *Reaction kinetics, *Oxidation, *Benzene, Gases, Chemical reactions, Phase studies.</p> <p>(Chemistry--Physical, TT, v. 6, no. 4)</p>	<p>ATC 760 55</p> <p>117752</p> <p>Office of Technical Services</p>
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On the Origin of the Ionization Observed in
Shock Tubes with Magnet Blowing, by M. Cloupeau
FRENCH, par, Academie des Sciences, Paris,
Comptes Rendus, Vol 253, 1961, pp 1160-1162
NTC 71-15317-201

mar 72

A Note on Electrode Potential of Semiconductors
in Solution, by Georges Feuillade, 3 pp.

FEUILLADE, ger, Comptes Rendus Acad Sci, Vol CCLII,
no 9, 1961, pp 1888-1890.

REF 12-16-61

187,790

Sci - Med

Feb 62

Determination of Uranium During Irradiation at Low
Temperature, by Yves Quere, Jacques Doulat. 3 pp.
FR. 110025, par. Comptes Rendus des Seances de
L'Academie des Sciences. Vol. CLII, 27 Feb 1961,
pp. 1305-1307. 9222645
C.A.B.C - Tr - 6395

Schwarz & Moir
April 64

Preparation of Thin Coating of Ga by
Thermal Evaporation Under Vacuum, by
S. Martinuzzi, 3 pp.
FRENCH, per, C.R. Acad. Sci. 252, 1961
pp. 1314-1316.
*NBS # 70-57621

Sci/chem
Jul 70

Simultaneous Measurement Method to Determine Volume and Grain Boundary Self-diffusion or Heterodiffusion Coefficients, by P. Guiraldanq, 3 pp. FRENCH, par, C.R. Acad. Sci. 252, 1961, pp. 1317-1319.
*NBS TR 70-57604

Sci/misc
Jul 70

Determination of the composition of σ type carbides
in various Austenitic Alloys, Jean Philibert, Guy
Henry, Michel Robert, 7 pp.

FRANCE, *per*, Comptes Rendus, Vol. CCLXII, 1961,
pp 1320-1322. 9099253

ARC Tr-5159

Sci - Min/Metals
Jun 62
List 69

197, 816

Hamella, Raymond and Hayes, Simone.
STUDIES ON SOLVATION IN SOLUTIONS OF GRIGNARD REAGENTS BY MEANS OF IR SPECTRA.
[1963] Sp 3761a
Order from SLA \$1.10 TT-64-10165
Trans. of [Academie des Sciences, Paris]. Comptes Rendus (France) 1964, v. 252, p. 1616-1618 (pub. by Gauthier-Villars et (Se., Paris).

(Physics-Spectroscopy. TT, v. 12, no. 1)

TT-64-10165

I. Hamella, R.
II. Hayes, S.

Office of Technical Services

62-14450

Mascherpa, G.
PREPARATION OF ANHYDROUS PERCHLORIC
ACID. [1952] 3p. (Type refs. omitted).
Order from SLA \$1.50 62-14450

I. Mascherpa, G.

Travaux de l'Académie des Sciences [Paris]. Comptes
Rendus [Paris] (France) 1961, v. 252 (no. 12) p. 1800-1802
(pub. by Gauthier-Villars et Cie., Paris).

DESCRIPTORS: "Perchloric acid. Anhydrides, Syn-
thesis. "Distilling plate.

An apparatus is described that permits the prepara-
tion, with safety, of the completely discolored, anhy-
drous acid at a rate of 60 grams per hour. It has been
in operation for a year.

(Engineering--Chemical, TT, v. 8, no. 7)

Office of Technical Services

Remarks Concerning Numerical Integration, by
H. Stiefel, et al.
FRANCAI, per, Comptes Rendus Acad des Sciences,
Vol 252, 1961, pp 1899-1900. Pg 1126466
ANEC SC-T-66-0755

Sci/Mathematical Sci
Oct 66

Leflaive, Edouard.

SOIL MECHANICS: CALCULATION IN PLASTICITY
OF "THE LIMIT" CONTOUR OF AN EARTH TALUS.

[1962] 3p. 2 refs.

Order from ILLA \$1.10

63-10297

Trans. of Académie des Sciences, Paris. (Comptes)

Rendus (France) 1961, v. 252, p. 1904-1906

(pub. by Gauthier-Villars et Cie., Paris).

DESCRIPTORS: *Soil mechanics, Terrain. *Plasticity,
Numerical analysis.

(Agriculture--Plant Cultivation, TT, v. 9, no. 12)

63-10297

- I. Title: Earth talus
1. Leflaive, E.
- II. Title: Calculation ...

Office of Technical Services

On the Hydrolysis of Dichloromethane, by Georges
Champetier, Monique Vacherot, Roger Mari,
M Michel Niclause, 5pp
FRENCH, per, Academie des Sciences, Paris,
Comptes Rendus, Vol 252, 1961, No 13, pp 1945-1947,
SIA TT-65-10042

Sci - Chem
June 67

328,916

ory of the Anomalies of Electrical Resistivity
the Rare Earths, by Joseph Seiden, 17 pp.

Handwritten:
HCl, per, Comptes rend. Vol CCLII, 1961,
1922. 906905

PT
AHC-tr-5312

- Chem
62

Theory of the Anomalies of Electrical Resistivity
of the Earth's Crust. Part I, by Joseph Seiden.

FRENCH, par. Comptes Rendus, Vol CCLII, 1961,
pp 1582-1584.

ABC-Tr-5312

Sci - Chem

Apr 63

226,995

Radioactivity in the Atmosphere. The Percentage
of Small and Large Radioactive Ions in the Air,
by Jean Bricard, Jacques Pradal, Andre Renoux,
7 pp.

FRENCH, per, Comptes Rendus, Vol CCLII, 1961,
pp 2119-2121. 9095529

AEC UCRL Tr-738

Sci - Geophys
Mar 62

186,500

On the Luminescent Emission From Cadmium Sulfide
Bombarded by Cathodic Rays, by Francois Bombre,
Francois et Gans, 5 pp.

FRENCH, par, Comptes Rendus, Academie des
Sciences, Vol CCLII, No 15, Apr 10, 1961,
pp 2208-2211. 9576323

FTD-FT-62-130

Sci - Min/Metal

3 May 62

194, 109

Disintegration of Mercury 192, by Jerzy Jastrzebaki,
Pierrette Kilcher, 4 pp.

FRENCH, per, Comptes Rendus, Vol. CCLII, 198 1961,
pp 1221-1222.

ABC Tr-4658

165,387

Sci - Phys
Aug 61

Agency: Army/Redstone #27
NIPIL No. 77160101-11-710

R-10478-0
19 June 69

Title: (Quadrupole Moment of the Primary State of
Nuclear Excitation of ^{16}O).

Author: M. Ahragan and P. Bouillon
Source: Comptes Rendus 252, 2404 - 2406 (1961)

3pp

Language: French

Special Instructions: Please translate.
Edited draft form.

The Determination of the Activity of Fe in Solid
 Fe_2O_3 , by P. Raccach.
FRENCH, per, Comptes Rendus Acad Sci, Vol 253,
1961, pp 2682-2684.
*Nat Bur Stand TT 70-57752

Sci-Chem
Jul 70

Clouds Formed From the Study of the
Deformation of Artificial Clouds of Alkali
Metals, by J. S. Blamont, J. M. Baggett.

PERMUCH, per, Compt Rend, Vol CCLII, 1961,
pp 3099-3101.

NASA TP F-8158

Sci

7 Mar 62

185,890

US GOV'T COPY

On the Distribution of Elements in Metastable
Nickelium Tantalates by Point Analysis with
the Electron, by D. Fauquier.

FRANCI, per. Compt. Rend., Vol 252, 1961,
pp 3283-3285.

NASA TT F-9818

U. S. GOVERNMENT USE ONLY

Sci-Phys

Apr 66

298,739

Chemical Explosion Produced in the High
Atmosphere, by J. E. Blamont, J. Riablot,
E. Selner.

FRISCH, par, Compt Rend, Vol CCLII, 1961,
pp 3317-3338.

NASA TR P-8155

Col

7 Mar 68

185,892

US GOV'T ONLY

The Interaction Between Magnetic Ions and Conduction
Electrons in the Rare Earths. Part II, by Joseph
Seidum.

FRENCH, per Comptes Rendus, Vol CXLII, 1961,
pp 3590-84 3552.

AEC-Dr-5312

Sci + Chem

Apr 63

226,996

On the Topicality of the Question of the
Effect, by M. Jorand.

FRENCH, par, Comptes Rendus, No 252, 1953,
pp 3139-3141.

NASA TT P-0001

176,849

Sci
26 Dec 61
US GOV'T ONLY

General Chemistry - On the Effect of Dispersion
on the Quenching of Detonation of a ~~METHANE~~
Stoichiometric Methane-Oxygen ~~MIXTURE~~ Mixture by
Finely Powdered Potassium Bitartrate, by J. C.
Dumont,

FRENCH, ~~per~~, Comptes Rendus, Vol CCLII, No 24,
1961, pp 3806-3808.

Dept of Interior
TST 157 No 516

196,827

Sci - Chem
May 62

Blanchard, R., Bochirol, I. and others.
THE DEPOSITION OF PYROLYTIC CARBON FROM
METHANE IN THE PORES OF SYNTHETIC
GRAPHITE: THE INFLUENCE OF TEMPERATURE.
[1962] 2p.

Order from ATS \$3.75

ATS-25P60F

Trans. of [Academie des Sciences, Paris]. Compt[es]
Rendus [France] 1961, v. 252, no. 25, p. 3989-3991.
(pub. by Gauthier-Villars et Cie., Paris).

DESCRIPTOR: *Methanes, *Carbon, Pyrolysis,
Electrodeposition, *Graphite, Porous materials,
Temperature.

(Chemistry--Physical, TT, v. 8, no. 4)

62-17313

- I. Title: Pyrolytic carbon
- I. Blanchard, R
- II. Bochirol, I.
- III. ATS-25P60F
- IV. Associated Technical
Services, Inc.,
East Orange, N. J

Office of Technical Services

62-10344

Neel, M. Louis.
SUPERPARAMAGNETISM OF THE VERY FINE ANTI-
FERROMAGNETIC GRAINS. [1961] 6p. 3 refs.
Order from SLA \$4. 10 62-10344

Trans. from Académie des Sciences [Paris]. Comptes
Rendus (Physique) 1961 [v. 252] no. 26 (pub. by Gauthier-
Villars et Cie., Paris).

DESCRIPTORS: Grains (Metallurgy). *Magnetism.
Antiferromagnetism. Magnetic moments. Magnetic
susceptibility.

(Physics--Magnetism, TT. v. 7, no. 9)

1. Title: Superparamagnetism
1. Neel, M. L.

Office of Technical Services

Thermal Stability of Different Uranium
Oxides in the Presence of Oxygen and
Hydrogen, by P. Margotin.
FRENCH, per, Academie des Sciences, Paris.
Comptes Rendus, Vol 252, 1961, pp 4005-4006.
NTC-71-11555-07B

Feb 72

Magnetism: Superparamagnetism of Very Fine
Antiferromagnetic Grains, by J. Neel.
FRENCH, per, Comptes Rendus, Vol 252, 1961,
pp 4075-4080.
(13)-68-505-FRL - MIT/Lin Lab
Available from NTC

June 69

383,203

Emission Source of a Continuous Spectrum Extending
From the Visible to the Extreme Ultraviolet, by
G. M. Balloffet, J. Rosand, et al, 5 pp.

FRANK, par, Comptes Rendus, Vol CCLII, 1961,
pp 4139-4141. 956865

Amer Meteorol Soc T-P-55

Sci - Phys
May 69

231,950

on the Noise at Ground Level Caused by the Flight
of Supersonic Aircraft, by Jean-Pierre Guiraud,
4 pp.

FRENCH, par, Comptes Rendus, Vol CCXLII, No 1, 1961,
pp 67-69. 0057892

ABC SCL-T-395

Sci - Aero
Apr 62

190,510

62-10345

Neel, M. Louis.
SUPERPOSITION OF THE ANTIFERROMAGNETISM
AND THE SUPERPARAMAGNETISM IN A VERY
FINE GRAIN. [1960] 4p. 1 ref.
Order from SLA 51.10 62-10345

I. Neel, M. L.

Trans. of Academie des Sciences [Paris]. Comptes
Rendus (France) 1961 [v. 253] no. 1, p. 91-12 (pub. by
Gauthier-Villars et Cie., Paris).

DESCRIPTIONS: *Antiferromagnetism. *Paramagnetic
Magnetism. *Grains (Metallurgy). Magnetic fields.
Magnetic moments, Magnetic susceptibility.

Printed in Great Britain, T.Y. 5. 7. no. 14

Order from Technical Services

Neel, M. Louis.
SUPERANTIFERROMAGNETISM IN THE FINE
GRAINS. [1961] 5p. 5 refs.
Order from SLA \$11.10 62-10346

Trans. of Academi des Sciences [Paris]. Comptes
Rendus (France) 1961. [v. 253] no. 2 [p. 203-208]
(pub. by Clauthier-Williams et Cie., Paris).

DESCRIPTORS *Antiferromagnetism, Magnetism,
*Grains (Metallurgy), Thickness, Magnetic fields,
Magnetic elements, Magnetic susceptibility.

(Physics - Magnetism, TT, v. 7, no. 8)

62-10346

I. Neel, M. L.

Office of Technical Services

On Stability Conditions; Applications, by Robert
Mynrioux.

FRENCH, par, Comptes Rendus de l'Academie des
Sciences, Vol 253, 1961, pp. 372-375.

XIPY/JRU 1-2094

Dept of Navy

Sed/Men
Sup 67

340,472

A Short cut: Dating Recently Formed Uranium
Minerals by Autoradiography, by Francis Chantret,
4 pp.
FRANCE, Paris, Ann. Inst. Phys. Chem., Vol 253, 1961, pp 500-
501.
AND (CERN) No-384

947,937

Sci. - Nuclear Science
Jul 67

Cancerology. Incidence of Lymphoid Leukemia
Among Newborn Mice After Irradiation, by G.
Rudali, J. Beverdy, 4 pp.

FRANCOIS, ⁴ ~~PHD~~, ~~Comptes Rendus Acad Sci~~,
Vol CCLIII, 1961, pp 990-992.

NIR # 3-16-62

199,749

Sci - Med.

Jun 62

Influence of Additions of Mo, Zr, and
Nb, on the Self-Diffusion of U in the
Gamma-Phase, by Y. Adda, 3 pp.
FRENCH, per, C.R. Acad. Sci. 253, 1961
pp. 653-655.
*ADS TR 70-57619

Sci/chem
Jul 70

Theory of the Electrical Resistivity of Cd. Part III,
by Joseph Eiden.

FRENCH, per, Comptes Rendus, Vol (CCLIII), 1961,
pp 812-814.

AEC-Tr-5312

Sci - Chem

Apr 63

226,197

The Nitridation of Uranium Powder by Nitrogen,
by C. Moreau, J. Philippot, 5 pp.
FRANCO, par. ~~Comptes Rendus~~ Vol CCLXII,
1961, pp 1100-1102, 9229104
AIED-LA-Tr-65-6

Sci-Phys
Jul 61

282,643

Cancerology. Study of the Factor of Maternal
Resistance to Leukemia, Spontaneous or Induced
by a Leukemic Extract, by O. Rudali, P. Jullien,
4 pp.

FRENCH, JMR, ²~~Comptes Rendus Acad Sci~~,
Vol CCLXXII, 1961, pp 1229-1231.

NIH 3-17-62

199, 750

Sci - Med

Jan 62

Cancerology. Possible Role of Contagion in the
Etiology of Lymphoid Leukemia in Mice, by
P. Jullien, G. Rudali, 3 pp.

FRANCOIS, per, Comptes Rendus Acad Sci,
Vol. CCXLIII, 1961, pp 1281-1282.

MITR 3-43-62

199,723

Sci. - Med.

Jun 62

STATISTICAL STRUCTURES, by Mary H. ...

BRIDGE, par, Comptes Rendus, Vol CCLIII, 1961, pp 1331-1333. 4089355

6

Min./Metals
1. 62

AEC Tr-5095
AEC-Tr-6289
204, 729

62-18782

Coupry, Gabriel.

A RELATION BETWEEN ATTENUATION IN SPACE
AND ATTENUATION IN TIME. [1962] Sp.
Order from SLA \$1.10 62-18782

I. Coupry, G.

Trans. of Académie des Sciences (Paris). Comptes
Rendus (France) 1962, v. 263, no. 15, p. 1524-1526
(pub. by Gauthier-Villars et Cie., Paris).

DISCRIPTORS: Structures, *Elasticity, Mathematical
analysis, *Differential geometry, Attenuation.

The response in space of an elastic structure which is
slightly viscous and harmonically excited to the fre-
quency of one of its attenuated modes on several
points of its boundary. The attenuation in space of each of the components of the forced
vibration can be calculated from a knowledge of the
attenuation in time of the free response of the structure
when at least one of the space variables separates.
(Author)

(Mechanics, TT, v. 10, no. 8)

Office of Technical Services

Review of Landau Damping and of Linear Approximation
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