

Existence of Two Types of Intergranular Creep in Al,
by M. Biscondi.

FRENCH, per, C. R. Acad Sci., Ser C, Vol 266, 1968,
pp 766-769.

*NBS TT 71-53059

Available NBS Only

June 71

Macromolecules Electronic Microscopy of the Radio-
chemical Polymerization of Tetraoxane Monocrystals,
by Christian Cannavo, Jacqueline Deschamps, et al,
7 pp.
FRENCH, rpt, Compt Rend, Ser C, Vol 266, 1968,
pp 777-780
AEC/DNL/Tr-256-69

Sci/Chem
May 69

382,688

Approximate Analytic Study of the Asymptotic Behavior of the Entropy Layer Developing Around a Blunt Cone, by Fabien Sananes, Jean-Pierre Gilly.
FRENCH, per, Comptes Rendus, Vol 266, Ser A, 1968, pp 843-845.
Dept of Navy APL/JHU T-2279

Sci-Phys
July 69

385,280

Investigations Concerning the Structural
Form of Water Which Had Become Absorbed
in Montmorillonite, J. Many.
FRENCH, per, Comptes Rendus, Ser D, Vol
266, No 9, 1968, pp 851-853.
NTC 69-10803-08G

Sci-Far Sci
May 69

382,537

Physics of Solids---Anomalous Diffusion of X-Rays
by Barium Titanate, by Bernard Morlon.
FRENCH, per, Comp. Rendus, Acad. Sci., Paris,
Vol 266B, No 13, 1968, pp 863-866.
(102)-69-184-FRLL--MIT/Lin
Available from NTC

May 69

380,409

J. Lenfant

Analysis of the Spontaneous Electric Activity,
Observed at the Center of the Cardiac Automatism
of a Rabbit, and Caused by the Inhibitors of
Membranous Permeabilities.

FRENCH, per, Academie des Sciences, Paris.
Comptes Rendus, Vol 266, 1968, pp 901-904

NTC 72-12853-06P

sept 72

On the Evolution of the Nature of the
Flaws of the Oxides MnO and CoO as a
Function of the Partial Pressure of
Oxygen at High Temperature, by
H. LeBrusq.

FRENCH, per, Academie des Sciences. Ann. C
Paris. Comptes Rendus, Vol 266, 1968, no 13
pp 965-968.

NTG 72-11004-07B

(13)-69-249-FRUK--MIT/LINC
May 72

Capture Coefficient and Desorption Rate
of an Atom on a Metal Lattice. Effect
of Very Low Temperatures, by G. Armand.
GOVERNMENT USE ONLY
FRENCH, per, Comptes Rendus, Vol 266, Apr
1968, pp 1042-1045.
NASA TT F-12,256

Sci-Nucl Sci
Aug 69

388,727

A Study of the Non-Linear Diffusion Problem, by
T. Andre-Talamon.
FRENCH, per, C. R. Acad Sci., Ser B, Vol 266, 1968,
pp 1093-1095.
*NBS TT 71-53055
Available NBS Only

June 71

The Infrared Photodissociation of Ethyl
Chloride, by H. Brunet.
FRENCH, per, Academie des Sciences, Paris.
Comptes Rendus, Series C, Vol 266, 1968,
pp 1206-1208.
NTC-71-12294-07E

Nov 71

Stimulating Interaction Between the Virus of
Murine Sarcoma (M.S.V.) and the Virus of Murine
Hepatitis (M.H.V.), by C. Chany.

FRENCH, per, C R Acad Sc (D), No 266, 1968,

pp 1339-1341.

HEW NIE

1-17-69

Sci/DAM
Apr 69

378,637

On the Incidence of Absorption $T^* \leftarrow$ in the
Measurement of the Decline Rate of Phos-
phorescence $T - S$, by A. Martinez.

FRENCH, per, Comptes Rendus, Ser B, Vol
266, No 22, 1968, pp 1394-1396.

NTC 69-10802-07D

Sci-Chem
May 69

382,5229

Le Roux, A. 1968
Description of new mandibular organs in the decapod crustacea
(Description d'organes mandibulaires nouveaux chez les
crustacés décapodes)
Comptes Rendus Hebdomadaire des Séances de l'Académie
des Sciences, Paris, 266, Series D: 1414-1417. in French.
Transl. by J. J. Sochask, for FSC Biological Station, St.
Andrews, E.E., 1972, as transl. Series Lc. 2015, 4p., typescript.
Avail. on loan - NMFS, Wash., D.C.

Original Article Checked, J.J.

A New Experimental Method for the Study of the Kinetics
of Precipitation of C in Solution in Fe, by

G. Letourneau.

FRENCH, per, C. R. Acad Sci., Ser C, Vol 266, 1968,
pp 1423-1426.

*NBS TT 71-53035

Available NBS Only

June 71

Kinetic Study of Sulfurization of Ni. by Hydrogen
Sulfide, by J. P. Crousier.

FRENCH, per, C. R. Acad Sci., Vol 266, 1968,
pp 1442-1445.

*NBS TT 71-53026

Available NBS Only

June 71

Synthesis of Boron Fibers, by J. Guillaumon
and Y. Roux.

FRENCH, per, Academie des Sciences, Paris.
Comptes Rendus., Series C, Vol 266, 1968,
pp 1538-1541.

NTC 71-14622-07B

NASA TT F 12,558

Feb 72

Low-Temperature Luminescence of Crystalline
Benzophenone, by Y. Rousset, 7 pp.
FRENCH, per, Comptes Rendus, Ser A, B, Vol 266,
June 1968, pp 1600-1603.
AEC/UCRL/Tr-10332-69

Sci/Phy
June 69

377,465

Coloration Processes in LiF by 25 KeV electrons,
by J. C. Monpagnans.

FRENCH, per, Comptes Rendus Acad Sci, Vol 266,
Ser B, 1968, pp 1607-1610.

*Nat Bur Stand TT 70-57947

Sci-Chem
Jul 70

A Tissue Factor Antagonistic to the Action
of Interferon, by F. Fournier.

FRENCH, per, Academie des Sciences. Paris.
Comptes Rendus, Series D, Vol 266, 1968, pp 2306-
2308.

NTC-70-13165-06P

Feb 72

Contribution to the Study of the Liberation of
Argon Contained in Minerals: Application to the
Method of K-A Dating, by J. L. Zimmermann,
F. Leutwein.
FRENCH, per. Comptes Rendus, Series D, Vol 267,
July 1968, pp 22-24.
AEC/UCRL/Trans-10468-70

Sci-Mat
Sep 70

Experimental Studies by Thermal Evaporation of
Brownian Motion on Different Cleavage Faces, by
A. Masson.
FRENCH, per, C. R. Acad Sci., Ser B, Vol 267, 1968,
pp 64-67.
*NBS IT 71-53065
Available NBS Only

June 71

Solubility and Diffusion Coefficient of C in Co, by
H. Lafitau.
FRENCH, per, C. R. Acad Sci, No 267, 1968, pp 132-134.
*NBS TT 71-58030
Available NBS Only

June 71

Theory of the Migration of Adsorbed Atoms on Crystal Surfaces, by R. Kern.

FRENCH, per, C. R. Acad Sci., Ser B, Vol 267, 1968, pp 142-145.

*NBS TT 71-53066

Available NBS Only

June 71

Evidence of Vacancy Clusters in Tempered Ni, by
S. Scherrer.
FRENCH, per, Comptes Rendus Acad Sci, Vol 267,
Ser B, 1968, pp 212-214.
*CPSTI TT 70-58228

Sci-Chem
June 70

On the Migration Phenomena in Grain Boundaries of
Bicrystalline Al Thin Foils, by J. Levy.
FRENCH, per, C. R. Acad Sci, Vol 267, 1968, pp 296-298.
*NBS TT 71-53018
Available NBS Only

June 71

Comparison of the Change in Weight Curves Versus
Oxygen Dissolved in Gamma-Zr During Prolonged
Oxidation at 950°C, by G. Amel.

FRENCH, par, Comptes Rendus Acad Sci, Vol 267,
Ser C, 1968, pp 301-304.

*Nat Bur Stand TT 70-57912

Sci-Phys
Jul 70

Variations of the 2.5-eV Characteristic Energy
Loss of Electrons in Gold as a Function of
Sample Thickness, by A. Carillon.
FRENCH, per, Academie des Sciences, Paris.
Comptes Rendus, Series B, Vol 267, 1968, pp 332-
335.
NTC-71-10790-20L

Nov 71

**A Dilatometric Study of Point Defects in Thermo-
dynamic Equilibrium, by C. Janet.**

**FRENCH, per, Comptes Rendus Acad Sci, Vol 267,
Ser B, 1968, pp 336-339.**

***Nat Bar Stand TT 70-57910**

Sci-Phys

Jul 70

Combination of Formaldehyde with Ammonium Salts in
Aqueous Medium, by T. Yvernault, J-Y. Gal.
FRENCH, per, Comptes Rendus Acad Sci Paris, Ser C.
No 267, July 1968, pp 345-348.
NLL Ref: 5828.4F (N13339)

Sci/Chem
Dec 69

397,234

Presence of Enigmatic Intracerebral Organs
in the Decapoda Crustacea Carcinus Maenas,
by Francois Jazin, Neville Demeuzy.

FRENCH, per, Comptes Rendus, Vol 267 D,
1968, pp 356-358.

Dept of Interior

Bureau of Commercial Fisheries

Office of Foreign Fisheries

No A-28/May 69/34

On Loan Only

Sci-B&M

July 69

388,602

On the Optical Analogy of Certain Electronic
Arrangement: Formation of Temporal Images of
Electrical Signals, by Pierre Tournois, 6 pp.
FRENCH, per, Compt Rend Ser A & B, No 267,
1968, pp 375-378.

AEC/UCRL-Tr-1406-70

CIA V-7175

Sci/Elec

May 70

Asymptotic Study of Navier-Stokes Equations for
Laminar Motion of an Incompressible Viscous
Fluid, by Claude Francois.

FRENCH, per, Comptes Rendus, Vol 267, Ser A,
1968, pp 429-432.

Dept of Navy APL/JHU T-2312

Sci-Phys

Oct 69

393,333

Determination From Faraday Impedance Measurements
the Diffusion Coefficients and the Range of
Frequencies Where the Reaction is Diffusion
Controlled, by A. N. Ruticle.

FRENCH, per, C. R. Acad Sci, No 267, 1968,
pp 452-455.

*NBS TT 70-57755

Available NBS Only

Sci/Phys
Sept 70

Plasma Physics: Resolved Time Spectroscopic Diagnosis of a Plasma Created by Focusing a Laser Bundle on a Gas, by Claude Cesari.

GOVERNMENT USE ONLY

FRENCH, per, Comptes Rendus, Vol 267, 1968, pp 481-483.

NASA TT F-12,271

Sci-Phys
Sept 69

391,675

Study of Self-Diffusion of Alkali Ions into Colloidal gels
of Soap-Water Systems., by R. Varoqui.

FRENCH, per, C. R. Acad Sci., Vol 267, 1968, pp 517-520.

*NBS TT 71-55273

Available NBS Only

June 71

70-13573-20L

Flytzanis, G.

PHILLIPS MODEL STUDY OF THE SECOND-ORDER
SUSCEPTIBILITIES OF III-V AND II-VI COMPOUNDS.

Academie des Sciences. Paris. Comptes Rendus.

Series B, v. 267, p. 555-558, 1968.

Order from NTC as 70-13573-20L: HC \$ 6.70, MF \$ 5.80.

Properties of Metallic Contacts of Fold and
Lead Telluride, by R. Lanson.

FRENCH, par, Comptes Rendus, Vol 267, No 11,
1968, pp 559-562.

MIT/Lin Lab

(64)-AZT-69-665-FRL

Available NYC

Jan 70

400,330

Stability Criterion of a Natural Convection
Boundary Layer on a Vertical and Isothermal Plane
Wall, by Marcel Jannot, G. Mordochelles-Rognior,

5 pp.

FRENCH, per, Compt Rend, Ser A & B, 267, 1968,
pp 617-620.

AEC/ORNL-Tr-2181

Sci/Phy
Jan 70

400,159

Self-Diffusion of Cl Ions in NaCl Crystals Doped
with Sr^{++} , by F. Benise.

FRENCH, per, Comptes Rendus Acad Sci, Vol 267,
Ser C, 1968, pp 633-636.

*Nat Bur Stand TT 70-57927

Sci-Chem
Jul 70

Diagrams of State of Binary Systems, by C. Barthel.
FRENCH, per, C. R. Acad Sci., No 267, 1968, pp 637-639.
*NTIS TT 72-53169

Aug 72

Study of the Solubility of S in Ag in Equilibrium With
an Atmosphere of H-H₂S, by J. Oudar.
FRENCH, per, C. R. Acad Sci., Vol 267, 1968, pp 644-647.
Ser C.

*NBS TT 71-53038

Available NBS Only

June 71

Calculation of the Diffusion Flux in the Presence of a Thermal Gradient; Application to Measurement of Soret Coefficient in Liquids, by M. Dagenet.

FRENCH, per, C. R. Acad Sci., Ser C, Vol 267, 1968, pp 665-668.

*NBS TT 71-53067

Available NBS Only

June 71

Measurement of the Diffusion Coefficient of C in
Re, by R. Ducros.

FRENCH, par, Comptes Rendus Acad Sci, Vol 267,
Ser C, 1968, pp 704-706.

*Nat Bur Stand TT 70-57948

Sci-Chem

Jul 70

Effect of Hydrostatic Pressure on the Electrical
Conductivity of LiF, by M. Lallemand.
FRENCH, per, C. R. Acad Sci, Ser B, Vol 267, 1968,
pp 715-718.
*NBS TT 71-53064
Available NBS Only

June 71

A. Dauvillier

On the Magnetohydrodynamics Mechanism of
Solar Activity.

FRENCH, per, Academie des Sciences, Paris.

Comptes Rendus, Vol 267, 1968, pp 840-845

NTC 72-12877-20I

NAS/AMC/ST-SP-CLD-10785-88

dec 1971
sept 72

303 291

The Impossibility of Allowing for the Conservation of Impulse Energy of a Variation Principles in the Electrodynamics of Wheeler and Feynman, by A. Conort.

FRENCH, per, Academie des Sciences. Paris.

Comptes Rendus, Series A, Vol 267, 1968, No 22
pp 857-860.

NTC 71-13888-20H

2282 TT F 12.285 440

Feb 72

Determination of the Density of Slow States
of a Metal-Insulator-Semiconductor Capacitor
by Investigation of Charging Under a Linearly
Increasing Voltage, by R. Castagne.

FRENCH, per, Academie des Sciences. Paris.

Comptes Rendus, Series B, Vol 267, 1968,
pp 866-869.

NTC-71-14830-09C

Feb 72

Increase in the Surface Diffusion of Cu-Pb Alloys as a
Function of Pb Vapor Pressure. Evidence of Surface
Melting, by J. Henrion.

FRENCH, per, C. R. Acad Sci., Vol 267, 1968,
pp 958-961.

*NBS TT 71-53009

Available NBS Only

Jne 71

Preparation of High-Purity Single Crystals of Fe.,
by A. Serreau.

FRENCH, per, C.R. Acad Sci., Ser C, Vol 267, 1968,
pp 1006-1008.

*NTIS/NBS TT 71-53132

Available NBS Only

June 71

Crystalline Structure of Ce Al Sulfides, by
D. de Saint-Giniez.

FRENCH, per, C. R. Acad Sci, Vol 267, 1968,
pp 1029-1032.

*NBS TT 71-53010

Available NBS Only

June 71

On the Phenomena of Germanation and Growth of Zr, as
Well as Striation of Zr; The Reaction Current of this
Metal With Oxygen Under Pressure Base at Elevated
Temperature, by J. Paidassi.

FRENCH, per, C. R. Acad Sci, No 267, 1968, pp 1085-1088.

*NBS TT 71-53028

Available NBS Only

June 71

On the Rare Earth Beta-Phase of Sulfur, by
P. Besancon.
FRENCH, per, C. R. Acad Sci, Ser C, Vol 267, 1968,
pp 1130-1132.
*NBS TR 71-53058
Available NBS Only

June 71

Absorption of Cesium Films in the Region of 2300-
11,000 Å, by Roger Payan, David Roux, 5 pp.
FRENCH, per, Compt Rend, Ser A and B, Vol 267,
1968, pp 1173-1176.
AEC/ORNL-Tr-2206

Sci/Chem
Mar 70

402,640

Distortion of the Structure of a Nematic Film by
a Magnetic Field, by A. Rapini.

FRENCH, per, Academie des Sciences. Paris. Comptes
Rendus, Series B, Vol 267, 1968, pp 1230-1233.

NTC-71-10484-20L

Nov 71

Rayleigh Diffusion in a Cholesteric Liquid Crystal,
by P. A. Pincus.
FRENCH, per, Academie des Sciences, Paris, Comptes
Rendus, Series B, Vol 267, 1968, pp 1290-1292.
NTC-71-10485-20L

Nov 71

Internal Friction as a Function of the
Deformation Amplitude for U, by C. Terras.
FRENCH, per, C. R. Acad Sci, No 267, 1968,
pp 1388-1391.

*NBS IT 70-57919
Available NBS Only

Sci/Chem
Sept 70

Nuclear Resonance in Yt Metals, by D. Silhouette.
FRENCH, per, C. R. Acad Sci., Ser B, Vol 267, 1968,
pp 1451-1454.

*NBS TT 71-53049
Available NBS Only

June 71

Elimination of Point Defects by Deformation at 78° K.
in Al Irradiated With Neutrons, by C. Dimitrov.

FRENCH, per, C. R. Acad Sci, Vol 267, 1968,
pp 1453-1456.

*NBS TT 71-53068

Available NBS Only

June 71

Some Obvious Mesosomic Formations in the
Vegetative Cells of *Chondromyces apiculatus*
Thaxter, by M. Abadie.
FRENCH, per, Academie des Sciences, Paris.
Comptes Rendus, Series D, Vol 267, 1968, pp 1538-
1540.
71-16032-06H

Jan 72

SIFFERT, B. and DENNEFELD, F. Synthesis of a nickel
ferrous montmorillonite.
C.r.hebd.Séanc.Acad.Sci., Paris 267:1545-8 (1968)
(CRL/D. 1005)

Using Tracer Techniques for Determining Diffusion
Coefficients of Fe and Ni in Fe-Ni Alloys, and
Fe and Co in Fe-Co Alloys, by M. Wanin.

FRENCH, per, C. R. Acad. Sci., No 267, Ser C,
1968, pp 1558-1561.

*NBS TT 70-57914

Available NBS Only

Sci/Mat
Sept 70

Verification of Theories of the Kirkendall Effect in
Fe-Ni, Fe-Co Systems, by J. Levasseur.

FRENCH, per, C. R. Acad Sci., Ser. C, Vol 267, 1968,
pp 1562-1565.

*NBS TT 71-53045

Available NBS Only

June 71

C. Bernard

The Permeabilities of the Embryonic Myocardiac Membrane of the Rat; Study of Their Evolution in the Course of the Embryogenesis, With the Aid of Inhibitors: Tetrodotoxin, Manganese, Tetraethyl-Ammonium.

FRENCH, per, Academie des Sciences, Paris. Comptes Rendus, Vol 267, 1968, pp 1626-1629

NTC 72-12852-06P

sept 72

**A Two-Stage Annealing Process For the Prevention
of Kirkendall Porosit During Sintering of Fe and
Ni powders, by C. Servant. 4 pp.**

**FRENCH, par, Comptes Rendus Acad Sci, Vol 267,
1968, pp 1671-1674.**

***NBS TT 70-57595**

Sci-Chem

Jul 70

Relationship Between the Respiratory Activity
and the Biosynthesis of Fatty Acids in Mito-
chondria Isolated from the Inflorescence of
Califlower, by Paul Mazliak. 7 pp.

GOVERNMENT USE ONLY

FRENCH, par, Comptes Rendus, Ser D, Vol 267,
1968, pp 1720-1723.

NASA TT F-12,583

NOTE 71-14625-06P

Sci-B&M
Jan 70

400,422

Groups of Transferrins in Anguilla Anguilla L.
Phenotypes Observed in a Population Fished Off
the Coast of Turkey, by A. Drilhon, 5 pp.
FRENCH, per, C. R. Acad Sc., No 267, 1968,
pp 1858-1860.
Dept of Interior
BCF/OFF
A-36-Feb 1970-No 11
On Loan

Sci/B&M
May 70

Parasomal Sacs are Sites of Pinocytosis.
Experimental Study by Means of Thorotrast
with Trichodinopsis Paradoxa (Ciliata
Peritricha), by C. Noirot-Timothee
FRENCH, per, Academie des Sciences. Paris.
Comptes Rendus, Series D, Vol 267, 1968,
pp 2334-2336
NTC 71-15215-06E

mar 72

Study of the Diffusion of Pb and Te in PbTe, by
L. Goldstein.
FRENCH, per, C. R. Acad Sci., Ser B, Vol 268, 1968,
pp 686-689.
*NBS TT 71-53063
Available NBS Only

June 71

(ORN 1-1-2450) EXTRACTION OF STIMULON FROM
CELLS TRANSFORMED BY ADENOVIRUS 12 OR BY MONKEY
VIRUS 40 (SV40). Brailovsky, Carlos; Chany, Charles; Tournier,
Paul. Translated by R. Gregg Mansfield (Oak Ridge National
Lab., Tenn.), from Compt. Rend., Ser. D; 268: 2133-5(1968).
Dep. NTIS.

biomed; translations 206

MN-48 23P NSA

Behavior of Mild Steel in Constraint in the Presence
of Hydrogen, by J. Galland.

FRENCH, per, C. R. Acad Sci., Vol 268, 1969, pp 27-32.

*NBS TT 71-55247

Available NBS Only

June 71

Experimental and Theoretical Study of Luminous
Absorption in Thin Al Films, by A. Donnadiou.
FRENCH, per, Academie des Sciences Paris Comptes
Rendus, Series B, Vol 268, 1969, pp 89-91
NTC-71-10152-20F

Nov 71

AEC (ORNL-tr-2263) OBSERVATION OF NEW HIGH
ENERGY GAMMAS OF ^{132}I . Ardisson, Gerard; Dalmasso, Josette;
Ythier, Christian. Translated by Martha Gerrard and J. J. Pina-
jian (Oak Ridge National Lab., Tenn.), from Compt. Rend., Ser.
B; 268: 96-9(1969). 205p. 24Dep. CFSTI.

28Physics (nuclear); translations 2720H

28MN-34 29P NSA

Physical Metallurgy: Section of the Ternary
Diagram U-O-N by the Plane UO_2 - U_2N_3 . by
Pierre-L. Blum. 5 pp.
FRENCH, per, Comptes Rendus, Ser C, Vol 268,
1969, pp 148-151.
AEC-UCRL-Trans-10385

Sci-Chem
Nov 70

Agency, "NRA R-11237-D
P.O. No., IACRO DASA EO 809-69 19 Jan.70
Title: Ionosphere -- Etude Experimentale
de la perturbation engendree dans
l'ionosphere par une forte explosion
au sol.
Author: de MM. H. Berthoumieu, et al.
Source: C.R. Acad. Sc. Paris, t.268
(10 Fevrier 1969)
Language: French 3pp
Instructions: Please translate & type 1 copy.

Formation of Heterolysosomes and Cytolysosomes in the
Multifid Glands of Helix Pomatia. Ultrastructural
Study of the Reabsorption Process of Glycoproteins,
by E. Hollande.

FRINCH, Per, C R Acad Sci, No 268, 1969, pp 341-344.

HEW NIH

7-8-69

Sci/B&M
Oct 69

393,174

Research and Utilization of a Optimal Temperature Program for the Determination of the Diffusion Coefficient of Hydrogen in Ni, by P. Combette.

FRENCH, per, C. R. Acad Sci., Vol 268, 1969, pp 677-680.

*NBS TT 71-55263

Available NBS Only

June 71

Adsorption of Different Gases by Synthetic
Zeolite, by A. Colinet.

FRENCH, per, Academie des Sciences, Paris.
Comptes Rendus, Series C, Vol 268, 1969, pp 812-
815.

NTC-71-10809-07D

Nov 71

A Method of Direct Measure of Heterodiffusion on the
Surface, by Y. Ribaupierre.

FRENCH, per, C. R. Acad Sci, Vol 268, 1969, pp 881-883.

*NTIS/NBS TT 71-55334

Available NBS Only

July 71

Analysis of Connecting Problems in the
Case of Protonic Hissing, by Haim Cory,
6 pp.

French RUSSIAN, per, Comptes Rendus, vol 268 B
1969, pp. 985-988.

CIA X-7248

Jun 70

Magnetic Depolarization Based on Molecular
Transitions of Hydrogen Excited by Electron
Bombardment, by M. A. Marechal, A. Jourdan.
FRENCH, per, Comptes Rendus de L'Academie des
Sciences de Paris, Ser B, Vol 268, 1969,
pp 1428-1431.
Dept of Navy APL/JHU T-2458

Sci/Phys
Oct 70

Diffusion of Ca^{++} and Sr^{++} Ions in NaCl Single Crystals, by M. Benise.

FRENCH, par. Comptes Rendus Acad Sci, Vol 268, Ser C, 1969, pp 1461-1464.

*Nat Bur Stand TR 70-57914

Sci-Chem
Jul 70

The Ability of Plants to Use Polyphosphates, by
A. P. Conen.

FRENCH, per, Comptes Rendus Acad Sci, No 268,
21 April 1969, pp 2063-2066.

*NTIS/TVA TT 71-55023

Available TVA Only

May 71

New Applications of Autoradiographic Methods in the
Study of Diffusion and Phases Transformations in Fe-Cr
Alloys, by A. J. Huntz.
FRENCH, per, C. R. Acad Sci., No 269, 1969, pp 16-18.
*NTIS TT 72-53166

Aug 72

Youquard, J.P., . Pesse and
P. Pesseault

1969

Analysis of the multiple controls exercised by the
pro ocreum of Ligia oceanica L. Control of growth
and moultin (Anal se des controles multiples exercés
par le protocerebron de Ligia oceanica L. Contrôle de la
croissance et de la mue)
Comptes Rendus des Academie des Sciences, Paris, 272,
series B: 10 - 12. In French.

Transl. by J. P. Pesse, Physiological Station, St.
Andrews, 1971, as transl. Series No. 1, 1971.
1 p. script.

Avail. on loan - NIDR, Wash., D.C.

Original Article Checked *JP*

Fibroblastic State and Fibrocytic Differen-
tiation of Connective Cells of Glossodoris
(Gastropoda Opisthobranchia), by C. Baleyrier.
FRENCH, per, Academie des Sciences. Paris.
Comptes Rendus, Series D, Vol 269, 1969,
pp 175-178.
NTC-70-13162-06P

Feb 72

Energies of Formation and Migration of Vacancies in
Alkali Metals, by M. Gerl.

FRENCH, per, C. R. Acad Sci., Vol 269, 1969, pp 201-206.

*NBS TT 71-55275

Available NBS Only

June 71

Solubility and Diffusion of Fe in Ag Single Crystals,
by J. Bernardini.

FRENCH, per, C. R. Acad Sci., Vol 269, 1969,
pp 287-289/

*NTIS/NBS TT 71-53140

Available NBS Only

June 71

Permeability of Cathodic Hydrogen Through Cast Iron
and Industrial-Iron Membranes, by W. Raczynski.
FRENCH, per, C. R. Acad Sci., Vol 269, 1969, pp 294-297.

*NBS TT 71-55243

Available NBS Only

June 71

J. L. Feron

Magneto-Crystalline Anisotropy in Terbium,
Dysprosium and Holmium.

FRENCH, per, Academie des Sciences. Paris.

Comptes Rendus, Series B, Vol 269, 1969,

pp 611-614.

NTC 72-13852-20C

AEC CSORC - TR005 - 12-117

Nov 72

Influence of the Martenstic Transformation of Steels
on the Breaking Differences in the Presence of Cathodic
Hydrogen, by V. Orsovy.

FRENCH, per, C. R. Acad Sci., Vol 269, 1969, pp 674-678.

*NBS TT 71-55245

Available NBS Only

June 71

AEC- (SLAC-Trans-130) SYMMETRIC SPACE OF THE
GROUP OF THE MAXWELL EQUATIONS. Wylor, Armand.
Translated for Stanford Linear Accelerator Center, Calif.,
from Compt. Rend.; Ser. A, 269: 743-5(1969). 120p. Dep.
NTIS.

25

26 mathematics; translations 27 12

28 MN-32 29 P NSA

Optics: Birefringent Device Allowing Comparison
of the Foucault Method With the Hilbert Transform
Method During Observation of Phase Defects, by
Y. Belvaux, 6 pp.
FRENCH, per, /Compt Rend Acad Sci., Vol 269,
Ser B, 3 Nov 1969, pp 894-896.
NASA TT F 14011

Mar 72

Optical Properties of Aluminum Evaporated in an
Ultrahigh Vacuum Between 500 and 1400 Å, by
A. Daude.

FRENCH, per, Academie des Sciences, Paris, Comptes
Rendus, Series B, Vol 269, 1969, pp 901-904.
NTC-71-10424-20F

MIT Lincoln Laboratory

Nov 71

Increase of the Energy and of the
Power Supplied per Unit Volume in a
CO₂ Laser in Pulsed Operation, by
R. Dumanchin.

FRENCH, per, Academie des Sciences.
Paris, Comptes Rendus, Vol 269, 1969,
pp 916-917.
NTG 72-10429-20E

Apr 72

Diffusion Study of Hydrogen Into High Purity Fe by
Electrochemical Detection, by J. L. Dillard.
FRENCH, per, C. R. Acad Sci., Vol 269, 1969,
pp 1173-1176.

*NBS TT 71-53012

Available NBS Only

June 71

Antagonistic Factors of the Interferon
Extracted From Tumors Induced By the
Murine Sarcoma Virus in the Hamster, by
C. Chany

FRENCH, rpt, Academie des Sciences. Paris.
Comptes Rendus, Series D, Vol 269, 1969,
pp 1236-1237.

NTC-70-13161-06M

Feb 72

Diffusion Coefficient of Cathodic Hydrogen in Cast Iron,
, by W. Raczynski.

FRENCH, per, C. R. Acad Sci, Vol 269, 1969,
pp 1253-1256.

*NBS TT 71-53014

Available NBS Only

June 71

On the Forming Differences of Cast Iron and Armco Iron
Charged Cathodically, by W. Raczynski.

FRENCH, per, C. R. Acad Sci., Vol 269, 1969,
pp 1498-1501.

*NBS TT 71-53015

Available NBS Only

June 71

Influence of Si on the Volume and Grain Boundary Self-Diffusion of Fe in Austenitic Stainless Steel, by A. Desestret.

FRENCH, per, C. R. Acad Sci., Vol 269, 1969, pp 1505-1508.

*NBS TT 71-55242

Available NBS Only

June 71

The Structure of Carbon Fibers, by Angeline Foudeux,
5 pp.
FRENCH, per, Compt Rend, 269, Ser C, 1969,
pp 1597-1600.
AEC-SC-T-70-4030

Sci/Mater
Oct 70