

Three-Dimensional Supersonic Flow in a Shock Layer  
of Vanishing Thickness, by J. P. Guiraud,

FRENCH, per, Recherche Aeronaut, No 71, 1959, pp 11-28.

ATS 571-FJ

Sci - Eng

Sep 60

*124,936*

**Interference Effects Due to Vortex Sheets According  
to Slender Body Theory, by A. von Baranoff.**

**FRENCH, per, La Recherche Aeronautique, Vol LXXII,  
1959, pp 3-11.**

**RAE 892**

**Sci - Phys**

**Jan 61**

*137,364*

R-1021-N

*Document No. 1021*  
~~Les Fusées à L'ergol ou Fusées Hybrides~~, by  
A. Moutet

French, per, La Recherche Aeronautique, Vol. LXXV,  
March-April 1960, pp 23-35.

Oct 62

JPRS/US Army Missile Command  
Redstone Arsenal, Alabama  
*NA A T T F-447*  
*(W. G. ... , 1 Copy)*

Measurement of the Ignition Delay of Pyrophoric  
Substances as a Function of the Pressure and  
Humidity of air, by M. Guinet.

FRENCH, par, La Recherche Aeronautique, No 76,  
1960, pp 25-34.

Dept of Navy APL/JHU 2-2421

Sci/Atmos  
June 70

Base Pressure and Turbulent Mixing Process in  
Two-Dimensional Supersonic Flow, by M. Sirieix.  
10 pp.

FOR OFFICIAL USE ONLY    FOR INTERNAL USE WITHIN  
THE DEPARTMENT OF DEFENSE ONLY

FRENCH, per, La Recherche Aeronautique, No 78,  
1960, pp 13-20.    P100162968-V  
FTD-HT-67-149

Sci/Aeronautics  
Aug 68

357,479

On a Method for Measuring the Base Press. Measurement  
and Visualization on a Cone Cylinder Magnetically  
Suspended at  $M_0 \approx 7.6$ , by Georges Dubois, Charles Roug

FRENCH, per, La Recherche Aeronautique, Vol LXXIII,  
Nov-Dec 1960 pp 35-44.

\*Res Lab, Engr Sci U of Va  
AFSOR-1020

155,450

Sci - Phys  
Jun 61

7-01

Gicquel, M. and Nadaud, L.  
OPTICAL MEASUREMENT OF GAS TEMPERATURES  
UP TO 10,000°K (Mesure Optique des Températures  
des Gaz Pouvant Atteindre 10,000°K)  
G. Michaud, tr. 1963, 16p Srefs  
NRC Technical Trans. 1097.  
Order from NRC \$1.00

NRC-C-4593

Trans. of la Recherche Aeronautique (France) 1961,  
no. 84, p. 31-38. (Abstract available)

DESCRIPTORS: \*Combustion, Flames, Gases,  
Temperature, Measurement, Xenon lamps, Optical  
analysis, Plasma physics, \*High temperature re-  
search, \*Optical instruments, Pyrometers,

The optical method for the instantaneous temperature  
measurement of flames used at O.N.E.R.A. and  
limited previously to measurements on flames for  
which the temperature does not exceed 3,000°K can be  
(Physics--Thermodynamics, TT, v. 11, no. 6) (over)

TT-64-12231

- I. Gicquel, M.
- II. Nadaud, L.
- III. NRC-TT-1097
- IV. NRC-C-4593
- V. National Research Council  
of Canada, Ottawa

Office of Technical Services

**The Combustion of Metallized Solid Propellants,  
by L. Nadaud.  
FRENCH, per, Recherche Aeronautique, No 85,  
Nov, Dec 1961, pp 3-14.  
NASA TT F-8454**

Sci - Aero  
Mar 64  
U.S. GOVERNMENT ONLY

251,942



Experimental Technique of studying Pyrolysis of  
High Polymers Subjected to Rapid Heating, by  
S. Kohn.

FRENCH, per, La Recherche Aeronautique, No 88,  
1962, pp 27-39.

NASA TT F-11,238

GOVERNMENT USE ONLY

Sci-Phys

Dec 67

347,562

Panel Flutter in the Transonic Range, by G. Faure.  
FRENCH, per, La Recherche Aeronatique, No 88, 1962,  
pp 49-58.  
NASA TT F-9160

Sci-Aero  
Jan 65  
U.S. GOVERNMENT ONLY

270,904

Effect of Sound Waves on the Burning Rate of Solid  
Propellants, by L. Nadaud, M. Gicquel.  
FRENCH, per, Recherche Aeronautique, No 88,  
Mar. 1962

Internal ~~AGX~~ Aerodynamic Problems of the Mach-2  
Supersonic Transport Airplane, by J. Leynaert, X  
J. M. Brasseur.  
FRENCH, per, Recherche Aeronautique, No 91, 1962,  
pp 15-22.  
NASA TT F-8441

OT-7504  
251,936

*Library To 40-53 AF 7-10-64*

Sci - Aero

Mar 64

U.S. GOVERNMENT ONLY

Effect on Stability of the Axial Rotation of a Missile  
Containing a Liquid Mass, by J. P. Chaurard.  
FRENCH, per, La Recherche Aeronautique, No 93,  
Mar, Apr 1963, pp 3-9.  
NASA TT F-8846

Sci-Aero  
May 64  
U.S. GOVERNMENT ONLY

259,729

1967, Vol. 1, pp. 1-11  
NASA TT F-8858

Sci-Phys  
May 64  
U.S. GOVERNMENT ONLY

259,736

1964, JUL 1 7 02 AM '64  
NASA TT F-8883

Sci-Aero  
Jul 64

U.S. GOVERNMENT ONLY

260,976

NASA TT F-8845

Sti-Aero  
May 64  
U.S. GOVERNMENT ONLY

259,732



Ground-Effect Simulation at the Water-  
Tunnel, by H. Werle.  
FRENCH, per, la Recherche Aerospatiale,  
No 95, 1963, pp 7-15.  
SLA TT-66-10488

Sci-Aero  
June 66

303,507

Contribution to the Study of the Erosive Burning of  
Composite Rocket Grains, by M.      Barrere,  
P. Larue.  
FRENCH, per, La      Recherche Aerospatale,  
No 95, Jul, Aug 1963, pp 25-36.  
NASA TT F-8805

Sci - Aero, E S & Ast  
May 64  
U.S. GOVERNMENT ONLY

258,675



Hypersonic Boundary Layer on a Blunted Flat Plate,  
by R. Zolver.  
FRENCH, per, La Recherches Aerospatiale, No 97,  
1963, pp 3-10.  
NASA TT F-9022

Sci-Phys  
Aug 64  
U.S. GOVERNMENT ONLY

265,131

Representation and Calculation of the Spectral Density  
of the Field of Atmospheric Turbulence Based on  
the Results of Aircraft Flight Tests, by Raymond Andre,  
Albert Jouan, 27 pp.  
FRENCH, per, La Recherche Aerospaciale, No 98,  
1944, pp 49-55.      9225479  
NASA TT F-256

Sci-Ear Sci & Astron  
Dec 64

270,133

Increasing the Specific Impulse of  
Rockets by Adding hydrogen, by H. Moutet,  
M. Pugibet.  
FRENCH, per, La Recherche Aerospatiale, No 101,  
1964, pp 21-31.  
Dept of Navy Tr 4089/APL-TG 230-T452

Sci - Aero  
Apr 65

278,218

R-5651-D  
10 Aug 65

The Discrimination of Neighbouring Natural Modes During  
Harmonic Vibration Testing

By: Christian BEAUDRI

From: LA RECHERCHE AEROSPATIALE, No 101, Juliet-Aout  
1964, pages 51-56 (6 pp)

French - est. for wds:

Type an original copy only. Reproduce for paste-up.  
Do not mutilate document.

\*JPRS

The Utilization of Local Unsteady Pressure  
Measurement for Aerodynamic Coefficient De-  
termination, by Roger Destuynder,  
FOR OFFICIAL USE ONLY  
FRENCH, per, La Recherche Aeronautique, No 102,  
1964, pp 35-42.      P100104266  
FTD-TT-65-1575

Sci-Phys  
Jan 67

316,850



The Kinetics of Ignition of Composite Grains Subjected to High Heat Fluxes, by Roger Kling, Andre Maman, et al.  
FRENCH, par, la Recherche Aeronautique, No 103, Nov, Dec 1964, pp 3-10.  
Dept of Navy Tr No 4142/T-1280

Sci - Phys  
Jul 65

282,314

Experimental Setup for Studying the Erosive Burning of  
a Solid Fuel, by Pierre Larue, Maurice Guinet.  
FRENCH, per, la Recherche Aerospaciale, No 103, 1964,  
pp 11-18.  
Dept of Navy Tr 4157/APL No T-1309

Sci - Fuels & Prop  
Aug 65

284,294

Synthesis of Phosphoric Polyesters by Trans-  
esterification, by Samuel Kohn, 24 pp.  
FRENCH, par. La Recherche Aérospatiale, No 103,  
1964, pp 19-26. 922937  
ADISA TF F-379

Sci-E Phys  
Aug 65

286,396

FRENCH, per, La Recherche Aeronautique, 1904,  
pp 1-20.  
\*Dept of Navy/APL-JHU J545

WE-France  
Pol  
Jun 65

279,618

(SF-1854)

# A Secret Society in Nalou Country:  
The Sime, by Mamdou Sempil, 3 pp.

FRENCH, per, Les Recherches Africaines,  
Etudes Guineenes, No 1, Jan-Mar 1961,  
pp 46-49.

JPRS 13328

NE/A - Africa  
Soc  
Apr 62

190,158

(SF-1854)

Ethnographic Notes Collected in Kissian  
Country, by ~~Max~~ Mamadou Traore Ray Autra,  
Mamadou Sampil, 9 pp.

FRENCH, per, Recherches Africaines,  
Etudes Guineenes, No 1, Jan-Mar 1961,  
pp 50-58.

JPRS 13328

NE/A - Africa  
Soc  
Apr 62

190,155

SOCIAL DEVELOPMENT AMONG THE FULANI (PEULHS) OF  
THE FONTA-DJALLON REGION IN GUINEA, BY DIALLO  
OUSMANE POREKO, 17 PP.

FRENCH, PER, RECHERCHES AFRICAINES, NO 4,  
OC-DEC 1961, PP 73-89.

JPRS 15510

AFRICA  
SOC  
OCT 62

212,868

Astronomical Investigations, by U. J.  
Le Verrier.  
FRENCH, rpt, Recherches Astronomiques, Vol I,  
1855.  
AGIC 10-014

Sci-ES/A  
Mar 65

277,040



Photometric Properties of Lunar Crater Floors,  
by J. Van Diggelen, 155 pp.  
FRENCH, per, Recherches Astronomiques de  
l'Observatoire d'Utrecht, Vol ~~XIX~~ XIV, No 2, 1958.  
9224674  
NASA TT F-209

Sci-Ear Sci & Astron  
Oct 64

267,333

Ethnographical Research on the Yao in  
South China, by Ling Zeng Seng.  
FRENCH, bk, Recherches Ethnographiques  
sur les Yao dans la Chine du Sud, 1929,  
151 pp.  
ACSI J-5909  
ID 2204019268

Far East  
Soc  
May 69

380,873

Fundamental Researches on Sawing, by R. Keller,  
25 pp.

FRENCH, pamphlet, Recherches Fondamentales sur le  
Sciage, Centre Technique du Bois, Service des Re-  
cherches. Etude Technique-Documont S1, Paris, April  
1953.

S. L. A. Tr 619/56

38,325

Sci - Engineering

Aug 56 CTS/uex

1  
Analysis of the Growth of Bacterial Cultures, by  
J. Monod,

FRENCH, bk, <sup>1</sup>~~Researches~~ <sup>caractères</sup> sur la Croissance des  
Cultures Bactériennes, ~~by~~ Part I, Chapter 8,  
pp 116-137.

TPA3/TIB  
T 4398

Scientific - Biology      Feb 55 CTS

20,869

Industrial Research in France - Documentation  
With Respect to the Principle Elements of  
Research, 16 pp. (AF 1013008).

FRENCH, rpt, La Recherche Industrielle en France,  
1954-1955, pp 9, 11-16, 36, 37. CIA 604427

ATIC F-TS-10039/III

WEur - French

Econ

Oct 57

54, 214

Research on the Effect of Freezing Meat Before  
Gamma Irradiation, by Brunel, Vidal, 8 pp.

*Pickard L.*  
FRENCH, ~~Recherches~~ sur l'Influence de la  
Congelation des Viandes avant Irradiation par  
les Rayons gamma, Moscow, Sep 1958.

FDD X-3588  
AEC-Tr-3690

Sci. *misc*

Aug 59

96,659

Experimental and Morphological Researches on  
Bone Vascularization, by Robert de Harneffe, 12 p.

FRENCH, Excerpt of mono, Recherches Morphologiques  
Experimentales sur la Vascularisation Osseuse,  
(Les ed. Acta Medica Belgica, Brussels), 1951, 80 p.

SLA 59-15473

Sci  
Mar 60  
Vol 2, No 11

109,508

Preliminary Investigations Concerning the Hyper-  
sonic Glider, by Ph. Poisson-Quinton, R. Caresuala,  
et al.

FRENCH, rpt, Recherches Preliminaires sur le  
Flaneur Hypersonique, 12-15 Sep 1962.

msBA 7T F-8326

Sci  
Apr 63  
US GOV'T ONLY

229,220



Study No 30 Concerning: Search for a Signal Theory.  
The Elementary Processes of Communication (Part 1)

FRENCH, pamphlet, La Recherche D'une Theorie du  
Signal. Les Processus Elementaires de la  
Communication (Fascicule 1), 2 Aug 1953, pp 1-51.  
~~Studies were published by the Research Center~~  
~~Centre de Recherches, France.~~ 9691041

ACSI I-3405-A  
ID 2246296

Sci - Electron  
Sep 63

TT-61-14610

Flourens, Pierre Marie Jean.  
EXPERIMENTAL INVESTIGATIONS CONCERNING  
THE PROPERTIES AND FUNCTIONS OF THE  
NERVOUS SYSTEM OF VERTEBRATE ANIMALS:  
CHAPS. 27-31. Sep 52 45p.  
Order from SLA \$4.60

1. Flourens, F. M. J.

TT-61-14610

Trans. of mono. Recherches Experimentales sur les  
Proprietes et les Fonctions du Systeme Nerveux dans  
les Animaux Vertebres, 2d ed, Paris, 1842, p. 438-501.

(Biological Sciences--Physiology, TT, v. 12, no. 4)

Office of Technical Services

Scientific Research, 4 pp. FOR OFFICIAL USE ONLY  
FRENCH, rpt, Les Recherches Scientifiques,  
1964.  
ACSI I-9652  
ID 2204021566

Sci-B&M  
May 66

300,891

NASA -Dex

R-4339-D

1. Project EOLE - A Program for World Weather Scanning, 27-30
  2. The Network of Tracking Stations for CNES Satellites, 30-34
  3. French-Spanish Cooperation, 35-38
- La Recherche Spatiale, Bul. d'Information Mensuel, Vol 3,  
French                      No 7, 1964.

XJPS

TT-61-16477

Stoianoff, D. U.  
RESEARCHES IN THE STRUCTURE OF THE BILIARY  
TRACTS IN THE DOG. Doctoral thesis presented to  
University of Toulouse, 1899/1900. 25 Apr 61 [36p].  
(figs omitted) 52refs.  
Order from SLA \$3.60                      TT-61-16477

I. Stoianoff, D. U.

Trans. of mono. Recherches sur la Structure des Voies  
Biliaires chez le Chien, Toulouse, 1900, 51p.

(Biological Sciences--Anatomy, TT, v. 12, no. 4)

Office of Technical Services

The Mathematical Treatment of Airy's Isostasy, With an  
Expansion of the Square of Sea-Level Elevations in  
Spherical Harmonics, by Karal Jung.

~~GERMANY, bk, Die Rechnerische Behandlung der Airy'schen  
Isostasie mit einer Entwicklung des Quadrats der  
Seeshwaben nach Kugelfunktionen.~~

ACIC

Sci - Earth Sci & Astron  
Jan 68

246,323

Mathematical Treatment of the Mixture of Two Gas  
Jets of Various Temperatures and Velocity, by W.  
Alverman, J. Lambrecht, Otto Lutz, 16 pp. (AF  
1031200)

GERMAN, bk, Rechnerische Behandlung der Mischung  
Zweier Gas-Streams mit verschiedener Temperatur  
und Geschwindigkeit, Dec 1954, pp 1-13.

ATIC F-TB-10103/III

Sci - Buels

46, 459

(NY-4672)

Actual Relations Between Foreign Trade and  
Export Industry in East Germany, by Holmut  
Wagner, 14 pp.

GERMANY, per, Recht im Außenhandel (supplement to  
Der Außenhandel), 1960, No 5, 18 May 1960,  
pp 1-5.

JPRS 7390

REUR - Germany  
Econ  
Jan 61

136,006



(DC-6133)

Foreign Trade Arbitral Jurisdiction in the  
People's Republic of China, by Harry Fellhauer,  
6 pp.

GERMAN, per, Recht im Aussenhandel (Beilage  
zur Zeitschrift "Der Assenhandel", No 12, 1960,  
pp 7-8.

JPRS 8612

FE - China  
Econ  
Aug 61

163,126

(see 0816)

The Annual Report Contract -- Instrument For  
Organization of the Export Plan, by R. Richter,  
9 pp.

GERMAN, Der, Recht im Ausaenhandel, Vol XI, No 10,  
October, 1951, pp 1-4.

JPRS 18656

185,739

EEur-Germany  
Econ  
Mar 68

LEGAL PROBLEMS OF JOINT ENTERPRISES OF SOCIALIST  
STATES, BY H. SPILLER, 6 PP.

GERMAN, PER, RECHT IM AUSSENHANDEL, NO 6, 1963,  
PP 1-3.

JPRS 20577

EEUR-SOV BLOC  
ECON.  
AUG 63

238,768

PROBLEMS ARISING IN ARBITRATION PROCEEDINGS  
BETWEEN BLOC COUNTRIES UNDER THE 1953 GEMA ~~GENERAL~~  
GENERAL DELIVERY TERMS, BY T. TREDAFILOFF, 9 PP

GERMAN, PER, RECHT IM AUSSENHANDEL, NO 10, 11,  
1963, PP 6, 7; 4-6.

JPRS 22310

EE  
ECON  
DEC 63

244,200

I-54-62

The Future of the American System, and Conclusions,  
by Yves Perotin.

FRNCH, rpt, Le Records Management et L'Administration  
Americaine des Archives. Rapport de Mission,  
Paris, 1962.

\*JPRS/DC 8059  
Special

weu-Franca  
BS- ECON

Scientific Results of the Missions of the Society of  
Geological and Mining Studies of the Congo Basin  
and Related Works, Geodesy and Geophysics, Grav-  
imetry, by L. Jones, P. L. Mathieu, et al.  
FRENCH, rpt, Records of the Musee Royal du Congo  
Belge, Vol XXXVI, 46 pp.  
ACIC

Sci-Earth Sci & Astron  
April 64

255,666

The Systematic Fractional Extraction of Polymers,  
by V. Desreux, 18 p.

*116,785*  
DURCH, per, Recueil, 1949, Vol LXVIII,  
pp 789-806.

SLA 59-17133

Sci  
May 60  
Vol 3, No 4

*116,785*

Chinon Nuclear Plant EDF-3, Summary of  
Technical Features,  
FRENCH, rpt, Recueil des Caracteristiques  
Techniques, Electricite de France Region  
D'Equipment Nucleaire, No 1,  
\*AEC 113-9

Sci-Nucl Sci  
May 67



(DC-502)

Geography of the Villages of the Rumanian People's Republic, by I. Eacanu, D. Buga, S. Molnar, Ioana Stefanescu, V. Tufescu, 17 pp.

FRENCH, bk, Recueil d'etudes Geographiques  
Concernant le Territoire de la Republique  
Populaire Roumaine, 1960, pp 167-178.

JPRS 6641

REur .. Rumania  
Geog  
Feb 61

139,148

Illustrious Collection of Belgian and Congo  
Decorations, by Henri Quinot, (ID 945969), 132 pp.  
UNCLASSIFIED

FRENCH, bk, Recueil Illustré des Decorations Belges  
et Congolaises, BRUSSELS, Belgium, 4th ed, 1953.

G-2, OSI/SA G-1217

WEur - Belgium  
NE/A - Congo  
Military

CTS DEK

10.003

60-10786

FEDERAL DECREE CONCERNING ANTI-AIRCRAFT  
PROTECTION CONSTRUCTIONS (OF DECEMBER 21,  
1950). [1960] 5p.  
Order from SLA \$1.10                      60-10786

Trans. of Recueil des Lois Federales [sic] (Switzer-  
land) 1951, no. 21, p. 467-470.

DESCRIPTORS: \*Protective shelters, Construction,  
Switzerland.

187230

(Engineering--Civil, TT, v. 6, no. 10)

Office of Technical Services

FDA 1288-67/14

1-7621-0  
12 Oct 66

Sur l'empoisonement de moutons par le salora officinalis

By: Moussu et Desaint

From: Recueil de Med. vet. par. lxxiv, 1907 pp562-69

( 3 pp )

French - est for wds:

translate and type 1 camera ready copy.

Contribution to the Study of Mammitis in Cows, and  
of Staphylococcic Mammitis in Particular. Its Treat-  
ment by Specific Anatoxin, by Remy Richou, Georges  
Holstein, 14 pp.

FRENCH, per, Rec Med Vet, Vol CXVII, 1941, pp 329-338.

S.L.A. Tr No 535/1955

Sci - Medicine  
Mar 1057 CFS/dex

45,883

Contagious Pasteurella Bronchial Pneumonia, by L.  
Placidi, et al, 7 pp.

FRENCH, per, <sup>4</sup>Recueil Med Vet de L'Ecole D'Alfort,  
Vol CXXIX, No 2, 1953, pp 86-89.

S.L.A. Tr No 497/1955

Sci - Medicine  
Jan 1957 CTS/dex

45, 861

Synthetically Produced Oestrogens and the  
Mechanism Promoting Weight Increase in Farm Animals .  
by P. Szumowski.  
FRENCH, per, Recueil de Médecine Veterinaire de l'  
École d' Alfort, Vol. 134, No. 2, 1958, pp 81-90  
CSIRO/No. 6934.

Sci -  
Aug 67

335-984

Simultaneous Vaccination Against Newcastle Disease and Variola by Means of Living Viruses, by G. Cordier-Billaudier, A. Cunis, B. Harouni, 15 pp. <sup>174</sup> <sub>CU</sub>

FRENCH, per, Rec Med Vet, Vol CXXXI, May 1955, pp341-351.

SLA 53-89  
AEC T: 2963

Sci

43,681

Aug 59



Atrophic Rhinitis in Pigs - Study of the Lesion  
and Attempt of Etiological and Pathological  
Interpretation, by A. Brion, M. Fontaine, Ch.  
Labis, 18 pp.

FRANCO, par, Recueil de Médecine Veterinaire,  
Vol CXXXIII, No 12, 1957, pp 1035-1055.

CIA/WDD X-9423

Sci - Med  
Mar 59

82,422

Protocol Relating to the Status of French  
Doctors and Biologists Serving in the  
Public Hospitalization Establishments or  
the Medico-Sociale d'Algerie, 7 pp.  
FRENCH, document, Recueils et Mono-  
graphies, Paris, Vol VIII, No 49, 1964,  
pp 54-58.  
ACSI I-6210A  
ID 220405646

WE-  
Soc  
Mar 65

276,341

Diseases of the Urachus, by Ricardo Lopez Jara,  
49 pp.

SPANISH, per, Rec Sanid Milit, Vol XIV, Sep 1961,  
pp 7-39.

Navy Tr 3144/~~MS~~ 697

Sci - Med

Jun 62

199,428

Investigations on the Perception of the Gravity  
Stimulus, by C. J. Rutten-Pekelharing, 78 pp.  
GERMAN, par, Recueil des Travaux Botaniques  
Neerlandais, Vol 7, 1910, pp 241-344. #911065768-V  
AEC ANI-Tr 545

~~Sci-Ser-Sci~~ 6771  
Apr 68

352,140

Investigations on the Phototropism.  
Part I. Unilateral Illumination, by  
W. H. Arisz.

FIG 1  
GERMAN, per, Recueil des Travaux  
Botaniques Neerlandais, Vol XV,  
pp 44-72, 1915      9229921.  
AEC ANL-Tr-199-A

Sci-Engr  
Oct 65

290,076

Investigations on Phototropism, by W. H.  
Arlitz.  
FRENCH, per, Recueil des Travaux  
Botaniques Neerlandais, Vol 15, pp 115-135,  
1915 ~~9207072~~  
AEC ANL-Tx-199-B

9229921-

Sci-Phys  
Nov 65

291,973

Investigations on Phototropism: Part III Theoretical  
Considerations, by W. H. Aris.  
GERMAN, rpt, Recueil des Travaux Botaniques  
Néerlandais, Vol XV, 1915, pp 163-213. 9229921  
AEC-ANL-Tr-199-C

Sci - Phys  
Feb 66

295,488

English Title Unknown, by H. G. Du Buy.  
GERMAN, per, Rec Trav Bot Neerl., No 30, 1933,  
pp 850-880-.  
\*CFSTI TT 70-53042

Sept 70



English Title Unknown, by H. P. Bottelier.  
GERMAN, per, Rec Trav Bot Neerl, No 31, 1934,  
pp 517-560.  
\*CFSTI TT 70-53037

Sept 70

R-3986-D

The Effect of Ethyls on the Formation of Growth Materials  
in Avena and Vicia, by Van Der Lean,.

DUTCH, per, Recueil des Travaux Botaniques Neerlandais,  
Vol XXXI, 1934, pp 691-742.

*\*JPRS/ARMY BICK LAK*

Sci-Chem  
March 64

The Physical Chemical Properties of Ethylene  
Glycol and its Water Solutions, by H. F. Schwan,  
27 p.

DUTCH, par, Res d Gray Child, Vol NINEEN

SLA 59-10749

Sci  
Dec 59  
Vol 2, No 6

*104/118*

63-14117

Enklaar, J. E.  
RESEARCH ON THE ACTION OF ALKALIS ON  
CHLORAL HYDRATE: CONCLUSIONS. [1963] 7p.  
8 refs.  
Order from SLA \$1.10                      63-14117

I. Title: Chlorals  
I. Enklaar, J. E.

Trans. of Recueil [des] Trav[aux] Chim[iques des  
Pays-Bas] (Netherlands) 1910, v. 29, p. 173-184.

DESCRIPTORS: \*Acetaldehydes, Chlorides, Hydrates,  
Decomposition, Catalysts, \*Alkaline metal compounds,  
Potassium compounds, Sodium compounds, Hydroxides,  
\*Hypnotics and sedatives, Antispasmodic agents,  
Germicides.

(Chemistry--Organic, TT, v. 10, no. 5)

Office of Technical Services

TT-63-20513

Boeseken, J., Scheer, J. van der, and Voogt, J. G. de  
THE DECOMPOSITION OF HEPTACHLOROPROPANE,  
 $\text{CCl}_2\text{CCl}_2\text{-CCl}_2\text{H}$ , BY HEAT WITH THE HELP OF  
SOME CATALYSTS (CONTRIBUTION TO THE UNDER-  
STANDING OF CATALYSIS). [1963] 22p (figs omitted)  
Sreth

Order from SLA \$2.60

TT-63-20513

Trans. of Rec[ueil] des Travaux Chim[iques des  
Pays-Bas][Netherlands] 1913, v. 34, p. 78-95.

DESCRIPTORS: \*Propanes, \*Chlorides, Pyrolysis,  
\*Catalysis, Catalysts, Zinc compounds, Barium com-  
pounds, Aluminum compounds, Copper catalysts,  
Chemical equilibrium.

(Chemistry--Organic, TT, v. 11, no. 3)

1. Title: Heptachloro  
propane
- I. Boeseken, J.
- II. Scheer, J. van der
- III. Voogt, J. G. de

Office of Technical Services

63-18246

Lange, M. P. W. de.  
THE FORMATION OF PHENOL BY THE ACTION OF  
SODIUM METHYLATE ON THE HIGHER CHLORO-  
BENZENES. [1963] [4]p. 4 refs.  
Order from SLA \$1.10

63-18246

1. Title: Phenyl halides
  2. Title: Sodium methylate
- I. Lange, M. P. W. de

Trans. of Rec[ueil des] Trav[aux] Chim[iques des]  
Pays-Bas] (Netherlands) 1919, v. 38, p. 101-105.

DESCRIPTORS: \*Phenols, Synthesis (Chemistry),  
Sodium compounds, \*Alkoxy radicals, \*Benzenes,  
\*Chlorides.

(Chemistry--Organic, TT, v. 10, no. 12)

Office of Technical Services

Hydrogen Reduction of Halogens, by  
N. Parravo, C. Mazzetti  
FRENCH, por, Recueil Trav. Chim.  
Pays-Bas et de la Belgique, Vol 42,  
1923, pp 821.  
\*BISI 4410

Sci/EGM  
Sep 65

The Compound  $\text{RnO}_2$  and Its Structure, by W. F. Jong,  
A. Hoog, 7 pp.

FRENCH, per, Rec Trav Chim des Pays-Bas, Vol XLVI,  
1927, pp 175-176.

SIA 2842

Sci Chemistry  
Feb 58

5-9, 5-16



NCH-200 479

Field 7C

Boeseken, J.; Adler, A. A.  
THE REACTION OF ACETYLENE WITH BENZENE IN THE  
PRESENCE OF ALUMINUM CHLORIDE. May 65, 14p,  
13refs. TC-703.  
Order from TC: HC\$14.00 as TC-703

Trans. of *Revueil des Travaux Chimiques des Pays-Bas*  
(Netherlands) v49 p475-85 1929.

I. Boeseken, J.  
II. Adler, A. A.  
III. TC-703  
IV. Trans-Chem,  
Knoxville, Tenn.

Gillet, A. and others.  
CONTRIBUTION TO THE STUDY OF THE  
PYROLYSIS OF VEGETABLE ORGANIC MINERALS.  
[1962] 25p.      K-H 5876 b  
Order from K-H \$31.25

Trans. of Recueil des Travaux Chimiques [des Pays-  
Bas et de la Belgique] (Netherlands) [1931] v. 50, no.  
12, p. 239-256.

DESCRIPTORS: Pyrolysis, \*Vegetables, \*Organic  
materials, Minerals.

(Chemistry--Organic TT, v. 10, no. 8)

62-22401

I. Gillet, A.  
II. K-H-5876 b  
III. Kresge-Hooker  
Science Library  
Associates Detroit,  
Mich.

Office of Technical Services

The Diffusion of Mo in W, by J. A. M. Van Liempt.  
GERMAN, per, Revue Trav Chim des Pays-Bas, No 51,  
1932, pp 114-132.  
\*NBS TT 70-57412

Sci-Mat  
Aug 70

The Vapor Pressure of Metals and Their Rate of  
Volatilization in Vacuum, by J. A. M. Van Liempt,  
5 pp.

FRENCH, PER, ~~Reueil des Travaux Chim des Pays~~  
Bas, Vol LIV, 15 Nov 1935, pp 849-852.

SLA Tr 774/1955

Sci - Min/Met

50,199

Jul 57

The Diffusion of H in Cu, by J. H. De Boer.  
GERMAN, per, Rec Trav Chim., Vol 54, 1935, pp 970-974.  
\*NTIS/NBS TT 71-55166  
Available NBS Only

June 71

63-14118

Nauta, W. Th. and Dienske, J. W.  
SOME MESITYLENE DERIVATIVES (FORMING AN  
ETHER FROM CHLORIDE AND METHYL ALCOHOL).  
[1963] 9p. (refs. omitted).  
Order from SLA \$1.10

63-14118

Trans. of Recueil [des] Travaux Chimiques des  
Pays-Bas (Netherlands) 1936, v. 55, p. 1000-1006.

DESCRIPTORS: \*Methyl radicals, \*Benzenes, Ethers,  
\*Chlorides, \*Alcohols, Formaldehyde, Chemical  
reactions, Sulfur compounds, \*Mesityl radicals,  
Electrical conductance, Dioxides.

By the action of formaldehyde and HCl on mesitylene  
(1-2 mol formaldehyde to 1 mol mesitylene) one or  
two CH<sub>2</sub>Cl groups were introduced into the molecule.  
In 1', chloro-1, 2, 4, 6 tetramethyl benzene, the chlorine  
atom, under the effect of the methyl groups in positions  
2, 4 and 6 has a heightened reactivity. These methyl  
(Chemistry--Organic, TT, v. 10, no. 6) (over)

I. Nauta, W. Th.  
II. Dienske, J. W.  
III. Title: Forming ...

Office of Technical Services

Crystal Structure of Trioxymethylene, by  
N. F. Moerman.  
FRENCH, per, Recueil des Trav Chim des  
Pays-Bas, Vol 56, 1937, pp 161-166.  
NLL Ref: 5828.4F (7258)

Sci-Chem  
Mar 69

377,496

63-18043

Reinders, W. and Vries, R. W. P. de.  
CONTRIBUTIONS TO THE SILVER NUCLEUS  
THEORY OF THE LATENT IMAGE; THE CRITICAL  
SIZE OF THE NUCLEUS. [1963] 16p. (figs. omitted)  
11 refs.  
Order from SLA \$1.60                      63-18043

I. Reinders, W.  
II. Vries, R. W. P. de

Trans. of Recueil des Travaux Chimiques des  
Pays-Bas (Netherlands) 1937, v. 56, no. 9/10,  
p. 985-999.

DESCRIPTORS: \*Silver, Nuclei, Theory, Photographic  
images, \*Photochemistry, Photographic emulsions.

(Chemistry--Physical, TT, v. 10, no. 8)

Office of Technical Services



The Addition and Addition Products of Halogens and Benzene Derivatives. XI. The Effect of Chlorine on Benzotrichloride, Benzal Chloride, Benzyl Chloride and Toluene, ~~XXXXX~~ by T. van der Linden, 15 pp.

FRENCH, per, Recueil des Travaux Chimiques des Pays-Bas, Vol LVII, 1938, pp 1075-1086.

S.L.A. Tr No 36<sup>6</sup>/1955

Sci - Medicine *chemistry*  
Jan 1957 CTS/dex

44,997