

Connectivity of a Graph, by C Berge, 8pp  
FRENCH, par, Theorie des Graphes et ses  
1959, pp 200-205  
SEA TT-64-16916

*C Berge*

Sci - Math  
May 67

325,976

Process for the Conversion of Starch Contain-  
ing Substances into British Gums or Dextrin, by  
Albert Henri Jacques Berge, 4 p.

GERMAN, ~~FR~~, German Patent no. 55,868, 27 Apr  
1890

B.L.A. Tr 33

32,732

EBur - Germany  
Scientific - Chemistry

61-16563

Berge, B. S. ten and The, tik Lok.  
THE PREVENTION OF ADHESIONS IN THE  
PERITONEAL CAVITY WITH THE HELP OF  
AMNION TRANSPLANTATION (Het Voorkomen van  
Vergroelingen in de Peritoneum-Holte met Behulp van  
Amniontransplantatie). [1961] 10p. (5 figs. omitted)  
10 refs.  
Order from SLA \$1.10 61-16563

I. Berge, B. S. ten  
II. The, T. L.

Trans. of Nederlands Tijdschrift voor Geneeskunde,  
1954, v. 98 [no. 3] p. 2659-2665.

DESCRIPTORS: \*Peritoneum, \*Fetal membranes,  
\*Transplantation, Pathology.

Office of Technical Services

(Biological Sciences--Surgery, TT. v. 6, no. 8)

61-14757

Berge, C.  
ON THE EQUIVALENCE OF THE GENERALIZED  
TRANSPORTATION PROBLEM AND THE PROBLEM OF  
NETWORKS. [1961] 5p. 2 refs.  
Order from SLA \$1.10

61-14757

Trans. of Academie des Sciences [Paris]. Comptes  
Rendus (France) 1960, v. 251, no. 3, p. 324-326 (pub.  
by Gauthier-Villars et Cie., Paris). 909350

DESCRIPTORS: \*Transportation, \*Electrical networks,  
Mathematical analysis.

I. Berge, C.

The Topology and Regularity of  
Transforms, by Claude Berge, 5 pp.

BERGE, Article in Comptes Rendus de  
l'Académie des Sciences, Vol CCXXXI,  
1950, pp 1404-1406. (A 46 A 14)

PARENT OFFICE

Sci - Math Phys

Jan 63

219,919

OVEN OPERATION AND AROMATICS CONTENT, BY H. BERGE,  
W. KIRCHNER.

GERMAN, FER, GAS-UND-MASSERFACH, VOL C11,  
24 NOV 1961, PP 1288-1290.

BISI 2950

SCI - ENGR

OCT 62

LIST 153

214,819

118

Selective Attack by Potentiostat, of the Phases  
Existing in a Two-Phase Stainless Steel, by R. Cunico  
and Ph. Berge, et al., 2 pp.  
FRANCE, Met. Trans. Ser. B, Vol. 12B, 1981,  
pp 570-573.  
All Rights Reserved

202,000

Sci-Materials & Metallurgy P.H. Berge  
REV 03

Some Examples of the Use of the Potentiostat in  
Investigations ~~on~~ of the Behaviour of Metals in  
Liquid Media, by Ph. Berge, P. A. Jacquet.

FRENCH, rpt, Third Metallurgy Colloquium on  
Corrosion of Steel, Jun/Jul 1959, Saclay,  
pp 175-184.

BISI 2774

Sci - Engr, m/m

204, 664

Jul 62

list 140

62-10114

Berge, Pierre and Blanc, Georges.  
ADIABATIQUE CALORIMETER. [1961] 7p. (11 figs.  
omitted).  
Order from SLA \$1.10 62-10114

I. Berge, P.  
II. Blanc, G.

Trans. of [Journal de Physique et le Radium] (France)  
1960, v. 21, no. 7, suppl. p. 129A-133A.

DESCRIPTORS: \*Calorimeters, Specific heat, De-  
termination, \*Heat transfer.

206056

The apparatus described permits the specific heats  
and their anomalies, between  $-190^{\circ}\text{C}$  and  $500^{\circ}\text{C}$  to  
be reasonably measured. In this range the accuracy  
is limited by the ~~wax~~ meter. (Author)

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

Office of Technical Services

The Size of the Cow in Relation to the Milk  
Production, by S. Berge, 17 pp.

NORWEGIAN, per, Tidsskrift for det norske landbruk,  
Vol XX LXII, 1955, pp 59-70.

SIA Tr 1683

Sci - Biol  
Apr 1957

*Jan 1957*  
*46,221*

Sheep Colour Genetics, by S. Berge.  
NORWEGIAN, per. Norw Univ Agric Inst Anim Genet  
Breed, No 183, 1964, pp 1-32  
CSIRO/No 7839

S. BERGE

Sci -  
Aug 67

340,160

Alkylation of Diphenyl With Alcohols in the  
Presence of  $\text{HF}_3 \cdot \text{H}_2\text{O}$  Catalyst, I. A. Romdan,  
and S. E. Borge, 4 59.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII, No 2,  
1958, pp 413-416.

Consultants Bureau

Sci - Chem

Apr 59

85,674

Civil Defense Shelters and Their Utilization,  
by S. E. Bergelin.      30  
SWEDISH, per. Tidskrift i Militär Högskola,  
Vol LXXVI, 1961, pp 273-280. 9230555  
AEC-ORNL-Tr-731

*Bergelin, S.E.*

WE-Sweden  
Soc  
Jan 66

294,313

Calculation of the Passage of Fast Neutrons  
Through Cylindrical Channels in Biological  
Shielding, by B. R. Bergel'son, 5 pp.

RUSSIAN, per, Atom Energ, Vol X, No 4, 1961,  
pp 412-415. 9672004

FTD MCL-1208/1

Sci - Phys

176, 160

18 Dec 61

132

Reactor Neutron Shield Without Hydrogen,  
by Boris Rafailovic Bergelson.  
CERN, par. Jaderná Energie, Vol 10,  
pp 281-287, 1964 9229634  
SEC ORNL-Tr-354

BORIS RAFAILOVIC BERGELSON

Sci-AS\*1  
Nov 65

291,923

Stereochemistry and Mechanism of the Wittig  
Reaction, by L. D. ~~Bergel'son~~  
V. A. Vaver, et al, 10 pp.

RUSSIAN, per, IZ Ak Nauk SSSR Otdel Khim Nauk,  
No 6, 1963, pp 1053-1063.

CB

Sci  
Jun 64

261,341

Unsaturated Acids and Macrocyclic Lactones.  
Communication 10. Synthesis of the Lactone  
of 3-Hydroxy-2,4,5,6-Trimethylheptanedioic Acid,  
by L. D. Bergel'son, S. G. Batrakov, 7 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Khim, No 7,  
1963, pp 1259-1266.

CB

Sci  
Jul 64

263,481

Saturated Acids and Macrocyclic Esters. II.  
More specific Method of synthesis of linear Un-  
saturated Fatty Acids with the Help of the Wittig  
Reactions, by L.D. Bergelson, V.A. Vaver, 5 p.

RUSSIAN, per, Zhur Otsch Khim, Vol XXXII, No 6,  
1962, pp 1802-1806.

CB

001

233,627

May 63

Unsaturated Acids and Macrocyclic Lactones. I. Synthesis  
of Diacetylene and Diene Macrocyclic Lactones, by  
L. D. Bergel'son, Yul. G. Molotovskiy, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXII, No 1,  
1962, pp 58-63.

CB

Sci

Oct 62

216,144

Stereochemistry of Additions to a Triple  
Bond. Communication 5. Stereochemistry  
OF THE ADDITION OF Bromine to Disubstituted  
Acetylenes, by L. D. Bergel'son, 6 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim  
Nauk, No 6, 1960, pp 1066-1072.

CB

A-0-15 1320

Sci

May 62

195,640

Stereochemistry of Additions to a Triple  
Bond. Communication 6. Comparative Study  
of Steric Orientation in the Addition of  
Bromine to Disubstituted Acetylenes and  
Olefins, by L. D. Bergel'son, L. P. Badenkova,  
6 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim  
Nauk, No 6, 1960, pp 1073-1079.

CB

ATTN - RJ - 3271

Sci

195,641

May 62

The Effect of External Factors on the Mechanism and  
Steric Direction of the Wittig Reaction, by  
L. D. Bergel'son, V. A. Vaver, 5 pp.

RUSSIAN, Dok Ak Nauk SSSR, Vol CXLIII, No 1,  
Mar/Apr 1962, pp 111-114.

CB

Sci  
Feb 63

223,597

Unsaturated Acids and Macrocyclic Lactones.  
Communication 8. Synthesis of Acetylenic Keto  
Acids, by L. D. Bergel'son, A. N. Grigoryan, et al.  
6 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,  
No 3, 1963, pp 509-516.

CB

Sci

Apr64

255,981

Unsaturated Acids and Macrocyclin Lactones. Communication 4. Diastereoisomeric 2, 3-Dihydroxy-2-methylpentanoic Acids and Their Resolution into Antipodes, by L. D. Bergel'son and E. V. Dyatlovitskaya, *R 5 pp.*

RUSSIAN, per, Iz Ak Nauk USSR, Otdel, ~~Khim~~ Khim Nauk, No 9, 1962, pp 1612 - 1616

CB

Sci

Jul 63

342,316

Unsaturated Acids and Macrocyclin Lactones. Com-  
munication 5. Stereoselective Synthesis of  
Acetylenic A-Diols, by L. D. Bergel'son and S. G.  
Batrakov, p 8 pp.

RUSSIAN, per, Iz Ak Nauk USSR, Otdel Khim Nauk,  
No 9, 1962, pp 1617 - 1625

CB

Sci

Jul 63

342, 318

Stereochemistry of Additions to a Triple Bond.  
Communication IV. Stereochemistry of the  
Addition of Bromine to Acetylene and Monosubstituted  
Acetylenes, by I. N. Nazarov, L. D. Bergal'son,  
5 pp.

RUSSIAN, par, in Ak Nauk SSSR, Otdel  
Khim Nauk, No 5, 1960, pp 696-901.

CB

Sci  
May 62

194,655

**Stereochemistry of Additions to a Triple Bond.  
Communication III. Stereochemistry of the  
Addition of Bromine to Propargyl Alcohols,  
by I. N. Nazarov, L. D. Bergal'son, 8 pp.**

**RUSSIAN, per, In Ak Nauk SSSR, Otdel  
Khim Nauk, No 5, 1960, pp 887-895.**

CB

Sci  
May 62

194,654

61-18824

Bergel'son, L. D., Vaver, V. A., and Shemyakin, M. M.

THE EFFECT OF THE SOLVENT ON THE STERIC COURSE OF THE WITTIG REACTION. 28 June 61 [3]p. 4 refs.

Order from OTS or SLA \$1.10

61-18824

Trans. of \*Akad[emiya] Nauk SSSR. Odel[enie] Khim[icheski] Nauk. Izvest[iya] 1961, p. 729-730.

DESCRIPTORS: \*Chemical reactions, \*Organic solvents, Chemical effects, Stereochemistry, \*Condensation reactions.

When the Wittig reaction is carried out in a dimethylformamide medium in the cold, the ratio of stereoisomeric reaction products shifts to the side of formation of the *cis* isomer. By condensation of benzylidene-tri-phenylphosphorane with benzaldehyde in dimethylformamide, we obtained a mixture of *cis*- and *trans*- (Chemistry--Organic, TT, v. 6, no. 10) (over)

- I. Title: Wittig reaction
- I. Bergel'son, L. D.
- II. Vaver, V.A.
- III. Shemyakin, M. M.

Office of Technical Services

Acetylene Derivatives. Communication 190.  
Preparation of Acids from Tertiary Acetylenic  
Methods, I. N. Nazarov, L. B. Feigel'son,  
V. I. Gabor, 7 pp.

RUSSIAN, for, Iz Ak Nauk SSSR, Otdel Khim  
Nauk, No 11, 1958, pp 1354-1360.

Consultants Bureau

Sci

112,171

Apr 60

Acetylene Derivatives. 192. The Stereochemistry  
of Hydrogenation of Acetylenic Glycols, by  
I. N. Nazarov, L. D. Bergel'son, L. P. Badenkova, B. V.  
Lopatin, 10 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII,  
No 5, 1958, pp 1132-1143.

Consultants Bureau

Sci - Chem  
Jul 59

93, 259

Application of Ultrasonics in Conformational Analysis.  
Survey., by L. D. Bergel'son, 11 pp.

RISSTAN, per, Akust Zhur. Vol V, No 4, 1959, pp 391-  
402.

ATP  
Sov Phys-Acoustics  
Vol V, No 4

143,975

Sci  
Mar 61

Stereochemistry of Additions to Triple Bonds.  
Communication 7. Stereochemistry of the Hydro-  
bromination of Bromoacetylenes Under Free-Radical  
Conditions, by L. D. Bergel'son, 5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,  
No 8, 1960, pp 1235-1240.

CB  
165,857<sup>y</sup>

Sci  
Sep 61

Derivatives of Acetylene 179. Stereochemistry  
of the Bromination of Acetylenic Alcohols,  
by E. N. Nefarev and L. D. Margalson. 7 pp.

RUSSIAN; per, Zhur Obshch Khim, Vol XXVII,  
No 6, 1957, pp 1540-1546.

Consulting Bureau

Sci - Chem

Sep 58

72, 922

Conformation Concepts in Organic Chemistry  
(Convention in Moscow), by M. G. Gonikberg,  
L. D. Bergelson.

RUSSIAN, per, *ff* Ak Nauk SSSR, Vol XXVIII,  
No 12, 1958, pp .

SLA 61-13068

Sci  
Sep 61

*168, 713*

Synthesis of Polycyclic Compounds Related to Steroids.  
Communication 45. Synthesis of 4b, 6a, 7, 10, 10a  
10b, 11, 12-Octahydro-6 (5H)-Chrysenone, by I. N.  
Nazarov, L. D. Bergel'son, 5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 11,  
1959, pp 1961-1966.

CB

Sci -  
May 61

153,093

Synthesis of Steroid Hormones, by L. N. Sazirov,  
L. D. Bergel'son.

Full translation.

RUSSIAN, bino par, Uspekhi Khim, Vol XIX, USSR, 1951,  
pp 88-124.

ABC Tr 1577

Scientific - Biology

Sep 52 CTS/DEX

A 720

Acetylene Derivatives. 108. Synthesis of Polycyclic  
Compounds Related to Steroids. V. Total Synthesis of  
a Steroisomer of 15 Methyl-androstenedione, by I. N.  
Gazarov, L. D. Bergel'son.

RUSSIAN, no per, Zhur Obshch Khim, Vol XX, No 5, 1950.

AEC Tr 362  
Consultants Bureau

NIH  
CIA/FDD/X-521

15,878

Acetylene Derivatives 109. Synthesis of Polycyclic  
Compounds Related to the Steroids. VI. Complete  
Synthesis of the Isomer 15-methyl androsten-3,17-dione  
With the Methylcyclopentane Ring B, by I. N. Misarov,  
L. N. Terekhova, L. A. Buzgal'son. 83 pp.

Goskhim,  
RUSSIAN, per, Zhur ~~XXXX~~ Khim, Vol XI, No 4, 1970,  
pp 661-670.

Consultants Bureau Tr  
CIA/OSD X-522

15,877

Scientific - Chemistry

Unsaturated Acids and Macrocyclic Lactones. Communication  
6. Tri- and Tetra-Acetylonic Macrocyclic Lactones and the  
Corresponding Polyenes, by L. D. Bergal'son,  
Yu. G. Molotkovskii, 5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR Otdel Khim Nauk, No 1,  
1963, pp 105-111.

CB

Sci  
Dec 63

245,194

Acetylene Derivatives, No 94, Synthesis of Polycyclic  
Compounds Related to Steroids: III, Complete  
Synthesis of Compounds With Androstance Skeletons  
and Their Structural Isomers With Methylcyclopentane  
Rings B, by L. N. Nazarov, L. D. Bergel'son, L. I.  
Shmonina, L. N. Terekhova. 4 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,  
No 4, 1949.

CIA/FDD/X-230

AEC Tr 233

USPIS Tr

63/49T4 15,879

Scientific - Chemistry

Derivatives of Acetylene. 133. Synthesis of Polycyclic  
Compounds Related to the Steroids. X. The Diene  
Condensation of 2-Methoxy-1,3-butadiene with  $\Delta^1$ -  
Cyclohexen-6-one, by I.N. Nazarov and L.D. Bergelson,  
4 pp.

Full translation.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXII, No 3,  
USSR, Mar 1952, pp 449-454.

Consultants Bureau

Scientific - Chemistry

Dec 53 CTS

7513

**Nyctorrhiza Problem in Forest Economy by J. Bergemann.**

**GERMANY, per, Allgemeine Forstzeitung, No 11,  
1956, pp 297-304.**

**CSIRO**

**Oct. 62**

1962

Bergen, Per.

Sex determination and bisexuality in fish (Kjønnsbestemmelse og tvekjønnethet hos fisk).  
Fauna, 15(3): 152-156. In Norwegian.

Translation by P. A. Tallantire, Sp. Dec. 1962, avail.  
Dept. of Agriculture and Fisheries for Scotland, Marine  
Laboratory, Aberdeen as Transl. 812. Avail. loan - Biol. Lab.  
BCF, Seattle.

Original Article Checked.....

Spectrographic Solution Methods for the Analysis of  
Slags, by S. Bergenfelt.

SWEDISH, per, Jernkontorets Annaler, Vol CXL, No 1,  
1956, pp 75-80; Vol CXLI, No 4, 1957, pp 231, 232.

Brutcher Tr 3879  
\$4.80

Sci - Chemistry

Jan 58

57,030

Dangers Connected With the Use of Compressed  
Oxygen, by Zerger. UNCL

GERMAN, per, Z fuer Komprimierte und Flussige  
Gase, Vol XXXVII, No 1/2, 1942.

British Iron and Steel Ind  
(no number given)

Sci - Amer Chem  
Sep 59

98161

Applications of Colour Measurement, by A.  
Berger.

GERMAN, per, Farbe und Lack, Vol LXVI,  
1960, pp 334-337.

CSIRO

Sci --Chem

191,726

Apr 62

Definition of Water Treatment and General Control of  
a High Pressure Boiler With the Aid of Hydrogen  
Estimation, by A. Berger, J. Pirotte, L. Bovyn, 29 pp.

FRENCH, per, Bull Centre Belge Etude et Document.  
Baux (Liege), No 37, 1957, pp 140-156.

AEC IGIS-32 (RD/R)

Sci -  
Apr 60

112,926

The Storage of X-Irradiated Potatoes, by A. Berger,  
23 pp.

GERMAN, per, Atompraxis, Vol VI, 1960, pp 301-308.

AEC NP Tr-776

~~SECRET~~  
Feb 62  
EE - Germany  
Econ

182,548

Investigation of the Surface Pasteurization, by Means  
of Soft X-Rays, of Packed Samples of Fish and Meat  
Containing Inner Bacteria, by A. Schmidt-Lorenz, A.  
Burger, 17 pp.

BERMAN, per, International J Appl Radiation and  
Isotopes, Vol XI, 1961, pp 161-173.

AEC Tr-5096

Sci - Biol  
1. 62

204.730

Structure of a Nickel and Cobalt Silicate With  
Layer Lattice, by W. Feitknecht, A. Berger,  
8 pp.

GERMAN, per, Helv Chim Acta, Vol XXV, Nov 1942,  
pp 1543-1547.

SIA Tr 57-861

Sci - Chemistry  
Oct 57

54,109

Chemical Bond in Solid Compounds 1, by A. K.  
Berger, 9 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XV, 1941, pp  
927-933

SLA R-2967

Sci

Jul 59

92,398

"Technical Data on Soviet Electrical Equipment  
From the Bulletin of Technical and Economic  
Information, 1957", A 200.000-kw Turbogeneratiro  
With a Double-Wound Stator, by A. Ya. Berger,  
13 pp. UNCLASSIFIED

RUSSIAN, no per, Byul'tekh Ekon Informatsii,  
No 7, Moscow, 1957, pp 26-29.

US JPRS/NY-604  
(NY-1682)

USSR

Econ - Electrical Equipment  
Aug 58

70, 124

63-16338

Berger, Anni and Koch, Otto.  
A FEW REMARKS CONCERNING COLOR MEASUREMENTS ON FLUORESCENT SAMPLES. [1963] 5p.  
(formulae refs. omitted).      63-16338  
Order from SLA \$1.10

Trans. of die Farbe (West Germany) 1960, v. 9,  
no. 4/6, p. 259-266.

DESCRIPTORS: \*Fluorescence, Dyes, Textiles,  
\*Colorimetry, Spectrophotometers, \*Xenon lamps.

(Physics--Optics, TT, v. 10, no. 4)

I. Berger, A.  
II. Koch, O.

Office of Technical Services

<sup>P</sup>  
Optical Brighteners in the Paper Industry and  
Their Evaluation by Colorimetric Measurements, by  
Anni Berger, Hans Unterbirkner, 9 p.

GERMAN, per, das Papier, 1959, Vol XIII, No 1/2,  
pp 5-12.

SLA 59-17062

SLA-CO-14771

103,963

S&I  
Dec 59  
Vol 2, No 6

The Determination of Small Amounts of  
Oxygen Dissolve in Water, by Jean Verbestal,  
Armand Berger, Valere Royer, 14 pp.

Full translation.

FRENCH, per, Bull Centre Belge <sup>de</sup> Etude et de  
Document ~~eaux~~ (Liege), Vol VIII, 1950, pp 491-  
500.

ABC Tr 1738

8478

Scientific - Chemistry

CIS/DEX

V  
Determination of the Ratio  $Fe^{++}/Fe^{+++}$  in Corrosion  
Products in the Presence of Metallic Fe and Cu,  $Cu^+$   
and  $Cu^{++}$ , by Armand Berger, Jacques Pirotte, 21 pp.

FRENCH, per, Bull. Centre Belge d'etude et de  
Documentation des Eaux, Vol XIV, 1954, pp 146-155.

34,339

(L. 29/5)

S.L.A. No 283/1956

Scientific - Chemistry; Minerals/metals

Experience in Giving Combined Inoculations  
With Chemical and Live Vaccines, by A. Kh.  
Arslanova, V. D. Belyakov, B. I. Berger,  
A. S. Vasil'yev, N. A. Gavrilov, L. I. Gel'-  
man, V. P. Kalugin, V. Ye. Korostelev, I. I.  
Kramer, V. T. Mikhaylovskiy, I. I. Rogozin,  
L. V. Serebryakov

RUSSIAN, mo per, Voenno Med Zhur, No 1,  
Moscow, Jan 1960, pp 78-80

US JPRS 2641-N

118,054

Sci  
Jun 60

Form Perception and Function of the Fovea, by  
C. Berger, F. Dachtal, 20 pp.

GERMAN, per, Scand Archiv fur Physiol, Supple,  
Vol LXXIX, No 14, 1938, pp 15-26.

NIH 3-18

Sci - Med

Apr 59

85, 446

+

The Reaction of Hexachlorocyclopentadiene With  
Elefine, by G. Berger, O. Becher, 3 pp.

GERMAN, per, Zeits. fur Naturforschung, Vol LXb,  
1954, p 684.

34, 340

S.L.A. No 284/1956

Scientific - Chemistry

2

Double Calcium Carbonate Determination and  
the Calcilog, by Charles Berger, 25 pp.

FRENCH, per, Rev de l'Inst Francais du  
Petrole Annales des Combustibles Liquids,  
Vol XIV, 1959, pp 55-71.

SLA 60-18102

Sci  
Vol IV, No 11  
Jun 62

199,262

*ms. notes*  
Flicker Fusion and Its Clinical Significance, by  
Curt Berger, Axel Mahneke, 17 pp. UNCLASSIFIED

DANISH, per, Nord Medicine, Vol XLVII, Copenhagen,  
1952, p 693.

Navy Tr 782/ONI 1185

NoEur - Denmark

Scientific - Medicine, fusion, clinical

Jul 53 CTS

3854

Form Perception and Function of the Fovea, by  
Curt Berger, Fritz Buehler.

GERMAN, per, Archiv fuer Physiol, No 79, (Suppl  
No 14), 1938, pp 15-26. CIA 9041862

NIH

Sci - Medicine  
Sep 59

SLA 59-14241

96,229

Legibility of Letters, by Curt Barger, 16 pp.  
UNCLASSIFIED

DANISH, per, Nordisk Medicin, Vol XLV, 1951, p 788.

Navy Tr 783/ONI 1186

Scientific - Miscellaneous

Jul 53 CTS

3865

E. Berger

Suppression of Laminar Vortex Flow and of  
Incident Turbulence of the Karman Vortex Street  
Behind a Vibrating Cylinder for Low Reynolds  
Numbers, by E. Berger  
GERMAN, rpt, Wissenschaftliche Gesellschaft  
fuer Luftfahrt, Jahrbuch, 1964, pp 167-171  
NTC 71-15491-01A

Feb 72

German Institute for Aeronautical and Space Research, by E. Berger, P. Freyhaath, et al, 34  
42 pp.  
Outline, rpt, Deutsche Versuchsanstalt für Luft  
und Raumfahrt D.V., pp 1-31.  
Dept of Navy Tr 4350/ONI 2000

*Berger, C.*

Sci - Aero

NOV 65

292,758

Contributions to the Elimination and Animal Pathogenicity  
of the Coxsackie Virus~~es~~, by E. Berger, F. Roulet,  
10 pp.

Full translation.

GERMAN, per, Schweiz Z allg Path u Bakt, Vol XV, No 4,  
1952, pp 462-468.

CIA/FDD/X-804

Scientific - Medicine

May 53 CTS

1888

Information on the Coxsackie Virus (C-Virus) Infection  
by E. Berger, E. Freudenberg, F. Roulet, 21 pp.

Full translation.

GERMAN, per, Annales Paediatrici, Vol CLXXIX,  
Aug 1952, pp 65-80.

CIA/FDD/X-784

Scientific - Medicine

Apr 53 GTS

712

Harmonic Analysis of Discrete Numerical Series,  
by E. R. Berger, 5 p.

GERMAN, per, Zeit Angew Math Mech, 1962, Vol XXII,  
No 5, pp 269-272.

SLA 59-17717

Sci  
Feb 60  
Vol 2, No 10

108,907

The determination of the hydrodynamic values  
of a Karman Vortex Street from heat wire  
measurements with small Reynolds numbers, 97  
by Eberhard Berger, 46 pp.  
Göttingen, per, Z für Flugwissenschaften, Vol XII,  
No 2, 1964, pp 41-59.  
Dept of Navy Tr ~~4278/NRL 1026~~

*Berger, Eberhard*

Sci - Pays  
Oct 65

286,667

F. Berger

Use of Feedback Control in the Development of  
a Constant-Temperature Hot-Wire Anemometer, by

F. Berger

EUROPEAN, rpt. Germany, West, Deutsche

Versuchsanstalt fuer Luft- und Raumfahrt,

Report DWL-282, 1963

NTC 71-16525-04B

mar 72

F. Berger

Use of Feedback Control in Development of Constant  
Temperature Hot-Wire Anemometer, Part II., by

F. Berger

EUROPEAN, rpt, Germany, West, Deutsche

Versuchsanstalt fuer Luft- und Raumfahrt,

Report DVL-283, 1963

NTC 71-16526-04B

mar 72

(2268-N/b)

Polish-Czechoslovak Conference of Nuclear Power  
Specialists, by Frantisek Berger, 6 pp.

CZECH, per, Jaderna Energie, Vol IV, No 8, Prague,  
1958, pp 237-238.

US JPRS L-636-N

~~XXXXXXXXXXXXXXXXXXXX~~

Sci - Nuclear Physics

Feb 59

81,566

63-17385

Berger, G.  
PROCESS FOR THE PRODUCTION OF ALCOHOLS  
FROM OLEFINS. May 63, 500 words.  
Order from TTIS \$4.50      TTIS NS 74

Trans. of East German patent 24,196, appl. 24 May 60,  
pub. 9 Nov 62.

DESCRIPTORS: Synthesis (Chemistry), \*Alcohols,  
\*Ethylene.

I. Berger, G.  
II. Patent (East Germany)  
24 196  
III. TTIS-NS-74  
IV. Translation and Technical  
Information Services  
(Gt. Brit.)

... 08738

Office of Technical Services

(Engineering--Chemical, TT, v. 10, no. 2)

<p>Berger, G. THE STRUCTURE OF MONTMORILLONITE. Pro- visional Rept. Concerning the Methylating of Clays and Clay Minerals. [1961] [8]p. 13 refs. Available on loan from SLA</p>	<p>62-10089</p>
<p>Trans. of Chemisch Weekblad (Netherlands) 1941, v. 38, p. 42-43.</p>	<p>I. Berger, G. II. Title: Methylating ...</p>
<p>DESCRIPTORS: *Clay, Minerals, *Montmorillonite, Crystal structure, Exchange reaction, Methyl radicals.</p>	<p>191192</p>
<p>(Earth Sciences--Mineralogy, TT, v. 7, no. 4)</p>	<p>Office of Technical Services</p>

Test Experience in Dielectric Separation Under  
Industrial Conditions, by G. S. Berger, I. N. Levin,  
~~Given~~ 5 pp.

RUSSIAN, per, Tsvetnye Metally, Vol VIII, No 7,  
1962, pp 8-12.

PS

Sci -  
Dec 63

244 117

TT-65-11932

Field 7C

Berger, G.; Mittag, R.  
ETHYLENE OXIDATION TO ACETALDEHYDE BY THE  
PROCESS OF DIRECT OXIDATION. 7p, 6 refs.  
Order from SLA: \$1.10 as TT-65-11932

I. Berger, G.  
H. Mittag, R.

Trans. of Erdöl und Kohle-Erdgas-Petrochemie  
(West Germany) v15 n9 p699-702 1962.

MR 621

On the Kinetic Equations of the Flotation  
Process, by I. N. Flaksin, V. I. Klassen,  
G. S. Berger.

RUSSIAN, per, Tsvetnye Metally, Vol XXIX,  
Moscow, No 4, 1956, pp 22-24.

Dept of Interior  
TN7, B57, No 125  
Bu of Mines  
Br of Bituminous Coal Res

Sci - Phys

Nov 59

100,593

Correction of Lattice Imperfections in Freshly  
Precipitated CdS Layers, by H. Berger. 25 pp.

GOVERNMENT USE ONLY

CESTM, per, Phys. Status Solidi, Vol 1, No 7,  
1961, pp 739-757.

NSA AT F 13,121

*H. Berger*

sci/phys  
oct 70

Electron-microscopic surface investigations 59  
on Gas Monocrystals, by H. Berger,  
H. Gutschke, 15 pp.  
MOSCOW, per, Physica Status solidi.  
Vol III, No 2, 1968, pp 265-279.  
P190138966  
FTL-IT-65-1746

H. Berger

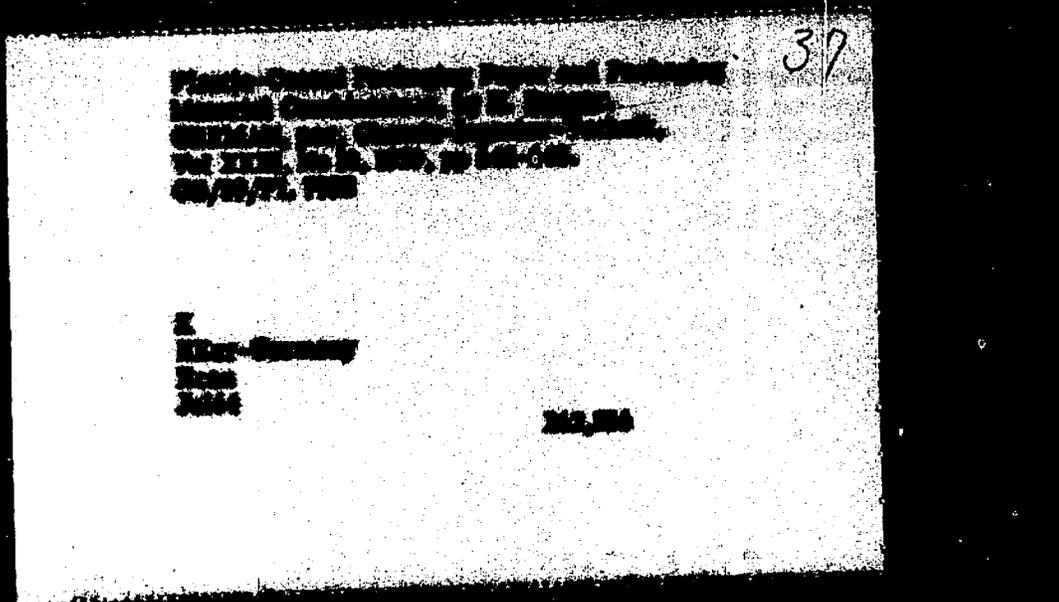
Sci - Elect & Elec Engr  
Jan 67

517,655

121  
Natural Arching in Tunnel Construction, by  
H. Berger.  
GERMAN, per, Die Bautechnik, Vol 45, No 4,  
pp 109-122.  
\*CFSTI TT 70-58169

Sci- mech  
May 70

H. Berger.



TT-64-10233

Berger, H.  
FIRE AND EXPLOSION DANGERS OF LIGHT  
METALS. [1963] 14p (figs omitted)  
Order from SLA \$1.60      TT-64-10233

Trans. of Metallwirtschaft [Metallwissenschaft,  
Metalltechnik] (Germany) 1940, v. 19, p. 404-407.

DESCRIPTORS: Metals, Combustion, Explosions,  
Fires, Magnesium, Magnesium alloys. Fire  
extinguishers, Safety.

(Engineering--Safety, TT, v. 11, no. 9)

I. Berger, H.

Office of Technical Services

Plastic Coated Papers as Packaging Materials,  
by H. Berger, 10 pp.

GERMAN, per, Verpackungs Rundschau, Vol VII,  
1956, pp 16-18.

SLA 57-2306

Sci

Aug 58

69,804

Fires Caused by Compressed Oxygen, by H. Berger,

GERMAN, per, Feuerschutztechnik, Vol XXI, No 2,  
pp 15-20., 1941.

Chief Librarian  
C.B.I.R.O.

314 Albert Street.  
East Melbourne, Australia  
C.2, Vic.

115,176

Sci  
May 60

Recent Experiments with Conductors and Cables  
Insulated and Sheathed with Plastic Materials,  
by H. Berger, 10 pp.

GERMAN, per, Elektrotech Z., Vol LXI, No 5,  
1 Feb 1940, pp 97-100.

SLA Tr 57-2244

Sci - Elec Engr

Jul 58

67,840

Electroencephalogram in Man. Report XIII, by  
H. Berger.  
GEMMA, per, Arch Psychiat Nervenkr, Vol 106,  
1937, pp 577-584.  
REV EDH  
4-5-68

H. Berger

sci/...  
June 68

358,312

40

The Human Electroencephalogram. Part Three, by  
H. Berger.  
GEMMAB, per, Arch Psychiat, Vol 94, 1931, pp 16-  
60.

Lib NIH  
10-27-68

H. BERGER

Sci-S and  
Jan 69

371,755

Electroencephalogram in man. Report VIII, by  
H. Berger.  
GERMAN, per. Arch Psychiat Berzanky, Vol 101.  
1933/1934, pp 452-469.  
HBM:RLH  
4-9-68

H. BERGER

Sci/E & M  
June 68

358,313

The Electroencephalogram of Man. III, by Hans Berger,  
57 pp.

Full translation.

GERMAN, per, Arch fuer Psychist, Vol XCIV, 1931,  
pp 16-60.

CIA/FDD/X-880

Scientific - Medicine

Jun 53 CTS

2780

Locators of Sound in the Air, by I. H. Berger,  
17 pp.

GERMAN, per, Schalltechnik, Vol III, No 1, Jan  
1930, pp 1-5. \_\_\_\_\_

SLA Tr 57-1409.

54,613

Sci - Physics  
Oct 57

English Title Unknown, by J. Berger. 329 pp.  
FRENCH, mono, Physique des Explosifs Solides  
1962.

\*CFSTI TT 68-50078 AEC tr 6882  
COPYRIGHT

Physics of Solid Explosives

Misc  
Jun 68

357,143

*J. Berger*

130  
Search for an Intrinsic Theory of  
Rotation, by J. Berger, R. Binchard,  
et al. 11 pp.  
FRANCE, rpt. Presented at the International  
Conference on Rotational Waves,  
Paris, France 1961. 9231971  
AEC UCRL-Trans-1272-1

J. Berger

Sci-Math:  
Feb 66

296,087

Theory of the Cylindrical Converging Detonation  
Wave, by J. Berger, J. Favier, T. Gexion,  
13 pp.

FRENCH, rpt, Colloques Internationaux du Centre  
National de la Recherche Scientifique Les Ondes  
de Detonation (11<sup>e</sup> s/ivstie, 28 Aug-2 Sept 1961,  
1962; pp 137-145. 9201279

AEC-tr-5475

220,864

Sci - Phys  
Jan 63

Extramedullary Plasocytosis of the Vulva, by  
J. Berger, 10 pp.

GERMAN, per, Hautarzt, Vol VII, 1956, pp 168-171.

81A Tr 57-1803

Sci

Jun 58

66,056

78

The Case of the ...  
by ...  
No 1, 1946, pp. 144-147. ...  
AEC-55-7-25-140

SECRET  
Feb 65

274,200

Lightning Protection for Electrical Detonator  
Igniter in Mining Galleries, by K. BERGER, J. P.  
Fourastier, H. F. Schwenkungen, 20 pp.

GERMAN, per, Nobel Werke, Spreng Forsch und Praxis,  
Vol XXV, No 4, 1959, pp 149-159.

AEC SCL-T-406

Sci - Engr  
Jun 62  
List 69

197,825

Investigations by Means of the Cathode Ray  
Oscillograph of the Overvoltages Produced by a  
Ground in an Eight-Kilovolt Distributing  
Network, by K. Berger, 69 pp.

GERMAN, Per, Bull Schweiz Elektrotech Ver, Vol XXI,  
No 23, Dec 1930, pp 756-788.

SIA Tr 57-331 51,333

Sci - Electronics  
Jul 57