

Fluctuations of Electromagnetic Waves in the Troposphere in the Presence of Separation Boundaries, by F. G. BASS, S. Ya. Braude, E. A. Kaner, A. V. Men', 18 pp.

RUSSIAN, per, Uspekhi Fiz Nauk, Vol LXXIII, Nos 1-2, 1961, pp 89-196.

AIP

Bcl
Aug 61

164, 114

Boundary Conditions for the Electromagnetic Field
at a Surface with Arbitrary Dielectric Constant,
by F. G. Bass, 5 pp.

RUSSIAN, per, Radiotekhnika i Elektronika, Vol V, No 3,
1960, pp 389-392.

PF

Sci
Aug 61

167,126

Toward the Statistical Theory of Radiowave
Propagation over an Ideally Conducting Plane,
by E. A. Kaner, F. G. Bass, 4 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII,
No 4, 1959, pp 792-.

Amer Inst of Phys
Sov Phys-Doklady
Vol IV, No 4

Sci
Mar 60

110,031

The Theory of Galvanomagnetic Effects in
Semiconductors and Metals Situated in a
Strong Electrical Field, by F. G. Baga,
15 pp.

RUSSIAN, per, Fiz Metal i Metallov, Vol VI,
No 6, 1958, pp 961-975.

Pergamon Press

Sci

Jun 60

117,953

Raman Scattering of Electromagnetic Waves in
Ferromagnetic Dielectrics, by F. G. Bass, M. I.
Kaganov, 3 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXXVII,
No 5 (11), 1999, pp 1390-1393.

Amer Inst of Phys
Sov Phys-JETP
Vol XXXVII (10), No 5

Sci

Jun 60

117,822

(NY-6450)

Fluctuations of Phase and Amplitude in Superlong
Distance Propagation of Electromagnetic Waves Over
the Earth's Surface, by P. G. Dasa, E. A. Kuner,
6 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved MVO,
Radiofiz, Vol IV, No 2, 1961.

JPRS 10223

173, 750

Sci

Oct 61

Bass, F. G. and Tsidi'kovskii, I. M.
ON THE THEORY OF THE HALL AND NERNST-
ETTINGHAUSEN EFFECTS IN MIXED-CONDUCTION
SEMICONDUCTORS. [1962] 21p. 5 refs.
Order from OTS or SLA \$2.60

62-14472

Trans. of Zhurnal Eksperimental'noi i Teoreticheskoi
Fiziki (USSR) 1955, v. 28, no. 3, p. 312-320.

DESCRIPTORS: *Semiconductors, Hall effect,
Electrons, Magnetic fields, Impurities, Theory.

The Hall and Nernst-Ettinghausen electromotive forces
and the distribution of carrier concentrations are
calculated for a mixed-conduction semiconductor in
a nonuniform magnetic field. Taken into account are
the presence of impurity levels and carrier
recombination. (Author)

(Physics--Solid State, JT, v. 8, no. 10)

62-14472

- I. Title: Electromotive forces
- I. Bass, F. G.
- II. Tsidi'kovskii, I. M.

C226217

Office of Technical Services

The Problem of Saturation of the Hall "Constant" in
Semiconductors in Strong Magnetic Fields, by F. G.
Bass, M. I. Kaganov, 3 pp.

RUSSIAN, no per, Zhur Eksper i Teoret Fiz, Vol XXIII,
No 5, 1957, pp 1233-1235.

Amer Inst of Phys
Sov Phys-JETP
Vol V, No 5

59,723

Sci. - Phys

Mar 56

Energy Losses of a Charge Moving Over a Periodic
Uneven Surface, by F. G. Bass, S. I. Khenkina, TD

RUSSIAN, per, Iz Vysshikh Ucheb Zaved Rastizh,
Vol VI, No 2, 1963, pp 407-410.

JPRS 21869

243, 095

Bol
Rev 63

[B]ass, M. M.
ON THE PROBLEM OF HEART DIVERTICULUM
(K Voprosu o Divertikule Serdtsa).
T. Boldyreff, tr. 17 Feb 64, 12p (refs omitted)
Order from OTS, SLA, or ETC \$1.60 TT-64-13786

Trans. of Pediatriya (USSR) 1960, v. 38 [no. 8]
p. 84-87.

DESCRIPTORS: *Anomalies, *Heart, Surgery, Infants,
Embryology.

(Biological Sciences--Pathology, TT, v. 11, no. 9)

TT-64-13786

- I. Title: Heart diverticulum
- I. Bass, M. M.
- II. Naval Medical School,
Bethesda, Md.

Office of Technical Services

Frequency Spectrum of Electromagnetic Waves Scattered by
Statistically Uneven Surface, by V. G. Rosa,
I. L. Vostokov, 15 pp

RUSSIAN, par, in Vysshikh Ucheb Zaved Radiofiz, Vol VI,
No 2, 1963, pp 290-296.

JPRS # 21869

Sci
Nov 63

243, 106

Spatial Correlation of Traveling Wave Fluctuations in
an Unbounded Turbulent Medium, by F. G. Bass, A. V. Men',
6 pp.

RUSSIAN, per, Akust Zhur, Vol IX, No 3, 1963, pp 283-290

Amer. Inst of Phys
Sov Phys - Acoustics
Vol IX, No 3

Sci

Feb 64

249,310

On the Theory of Scattering of Electromagnetic
Waves from a Statistically Uneven Surface, by
P. G. Bass, V. G. Bocharov, 8 pp.

RUSSIAN, per, Radiotekh i Elektron, Vol III,
No 2, 1958, pp 180-185,

Pergamon Press

Sci - Electron

Sept 59

96,804

(2415-M)

Feasibility of Determining Distribution Functions of
Scatterers on an Agitated Sea Surface by the Radar
Method, by S. Ya. Braude, F. G. Bass, 3 pp.

RUSSIAN, per, Investiya Vysshikh Uchebnykh Zavedeni,
Radiofizika, Vol I, No 3, 1958, pp 161, 162.

JPRS 1614-M

Sci - Electronics
Jun 59

88,158

(NY-4341)

The Tensor of the Effective Dielectric Constant in
a Medium with Random Inhomogeneities, by F. G. Bass,
5 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved MVO, SSSR
Radiofiz, Vol. II, No 6, 1959, pp 1015-1016.

JPRS 5651

Sci

Jan 61

On the Theory of the Hall and Nernst-Ettinghausen
Effects in Semiconductors with Mixed Conductivi-
ties, by F. G. Bass, I. M. Tsidilkovskiy, 6 pp.

RUSSIAN, bimo per, Zhur Eksper i Teoret Fiz, Vol
XXVIII, Mar 1955, pp 312-320. CIA C 40846

NO. 3

04541

American Inst of Physics
57 East 55 St.
New York 22, N. Y.

Scientific - Physics

31,649

On the Determination of the Correlation Function
Between Fluctuations of the Dielectric Permittivity
Using Phase Measurements, by N. P. G. Bass, 3 pp.

~~(USSR)~~ For, Radiotekhnika i Elektronika, Vol III,
No 7, 1958. *unknown* []

US Dept of Commerce
Nat Bur of Standards
Oct 58

Sci - Electronics
Nov 58

76,599

Theory of Galvanomagnetic Phenomena in Metals, by
P. G. Bass, M. I. Kaganov, V. V. Slezov, 7 pp.

RUSSIAN, per, Fiz Metal i Metall, Vol V, No 3,
1957, pp 406-411.

Pergamon Press

Sci

Dec 59

102,156

Theory of Isothermal Galvanomagnetic and Thermo-
magnetic Effects in Semiconductors, by F. G.
Bass, I. M. & Tsidil'kovskiy, 10 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXXI,
No 4, 1956, pp 672-684.

Amer Inst of Phys
Soviet Phys, JETP
Vol IV, No 4

Sci - Physics
Jun 57

48, 772

(SI-4381)

The Correlation of Electromagnetic Field
Fluctuations in a Medium With Random Inhomogeneities
Above an Ideally Conducting Plane, by F. G. Bass,
E. A. Kaner, 12 pp.

RUSSIAN, per, Iz Vysokikh Ucheb Zaved, Radiofiz
Vol II, No 4, 1959, pp 565-574.

JPRS 5610

MDF

131, 728

Sci - Electron
Nov 60

The Propagation of Electromagnetic Waves in a
Medium With Random Inhomogeneities Above an
Ideally Conducting Plane, by E. A. Kaner, F. G.
Bass, 20 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Radiofiz,
Vol II, No 4, 1959, pp 553-564.

JPRS 5630
MDF

Sci - Electron

Nov 60

131,727

(NY-6498)

Parameter Fluctuations of an Electro-
magnetic Field Propagated Through a
Magneto-Active Plasma With Random
Fluctuations of Electron Density and
Magnetic Field, by P. G. Bass, 21 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved,
Ser Radiofiz, Vol XX IV, No 3, 1961,
pp 465-475.

JPRS 12754

Sci
Mar 62

187, 955

(NY-6498)

Propagation of Radio Waves Over a Statistically
Rough Surface, by F. G. Bass, 17 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved,
Ser, Radiotiz, Vol IV, No 3, 1961,
pp 476-483.

JPRS 12754

Sci
Mar 62

187,936

(NY-5230)

Fluctuations of the Electric Field in a Gyrotropic
Medium with Random Inhomogeneities in the Geometric-
al-Optics Approximation, by F. G. Bass, S. I.
Khankona, 17 pp.

RUSSIAN, ^{per} Iz Vysshikh Ucheb Zaved, MVQ Ser Radiofiz,
Vol III, No 3, 1960.

JPRS 7375

147,721

Sci

Apr 61

(NY-5230/RFL)

The Boundary Conditions for Average Electro-
magnetic Field on a Surface With Random
Irregularities and Impedance Fluctuations,
by T. G. Bass, 14 pp.

RUSSIAN, por, Iz Vysishikh Ucheb Zaved - Ser
Radiofiz, Vol III, No 1, 1960.

JPRS 7377

Sci

Apr 61

146, 746

(NY-5230-N/RP2)

The Theory of Propagation of Electromagnetic Waves
in an Inhomogeneous Medium With Fluctuations in
the Dielectric Permittivity, by F. G. Bass, S. I.
Khankins, 20 pp.

RUSSIAN, per, Iz Vysshikh Uchebnikh Zaved, MVOB,
Ser Radiofizika, Vol III, No 2, 1960,

JPRS 7376

Sci
Apr 61

147,335

(NY-7093)

Energy Losses of a Particle Moving Over an Ideal
Conducting, Statistically Rough Surface, by
F. G. Bass, S. I. Khankina, 4 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, MVO, SSR,
Radiofizika, Vol V, No 1, 1962.

JPRS 14,515

Sci

203,897

Jul 62

Allowance for Shadows in the Scattering of
Waves by a Statistically Uneven Surface, by
F. G. Bass, I. M. Fuks, 18 pp.

RUSSIAN, per, Iz Vyssh Ucheb Zaved, Radiofiz,
Vol VII, No 1, 1964.

JPRS 25168

Sci
Jun 64

261,499

On Galvanomagnetic Phenomena in Semiconductors in
a Strong Electric Field, by F. G. Bass, 3 pp.

RUSSIAN, per, Fiz Met i Metall, Vol III, No 3, 1956,
pp 550, 551.

SLA R-2115

Sci

Aug 58

71,013

The Mechanism of the Strengthening and Weakening
of the Effect of Sympathomimetic Amines by
Cocaine and Other Drugs, by A. Fleckenstein,
H. Daus, 5 pp.

GERMAN, pwr, Arch Exper Pathol u Pharmacol, Vol
CCXX, 1952, pp 153, 154.

SLA Tr 57-1815

Sci

Jun 58

66,042

The Mechanism of the Strengthening and Weakening
of the Effect of Sympathomimetic Amines by Cocaine
and Other Drugs, by A. Fleckenstein, H. Bass,
5 pp.

GERMAN, per, Arch Exper Path u Pharm, Vol CCXX,
1954, pp 153,154.

NIH Tr 6-25.

Sci - Medicine - Pharmacology 49,443
Jul 57

Amino Acid-Activating Enzymes and Acceptor Ribonucleic Acids in Cells of Escherichia coli. Infected with Bacteriophage, by Zh. G. Smorling and I. A. Bass, *ibid.* 7 *pp*

RUSSIAN, *per*, Biokhim, Vol XXVII, No 3, 1962
pp 502 - 510

CB

Sci

Jul 63

342, 308

ENERGY LOSSES OF A CHARGE MOVING OVER A PERIODIC
UNEVEN SURFACE, BY F. G. BASS, S. I. ISANKINA,
7 PP.

RUSSIAN, PER, IZVESTIY VEZ RADIOFIZIKA, VOL VI, NO 2,
1963, PP 407-410.

JPRS 21869

SCI-ELECTRONICS
NOV 63

241,873

Phage Reproduction in Cells of the Colon Bacillus
Treated with Penicillin, by I. A. Bass, B. N.
Il'yashenko, 5 pp.

RUSSIAN, per, Mikrobiologiya, Vol XXVII, No 5,
1959, pp 730-735.

Amer Inst of Biol Sci

Sci - Medicine
Jul 60

120,913

✓
The Theories of Turbulence, by L. Agostini,
J. Bass, 163 pp.

FRENCH, per, Scientifiques et Techniques,
M. No 237, 1950.

NACA TM 1377

Sci - Aeronautics, Engineering, Mathematics

30,103

Mathematical Theory of the Milling Process, by
I. Ham.
GERMAN, par. Z für Angewandte Mathematik
und Physik, Vol IX, 1954, pp 283-292.
CERO No 4469

Sci - Math Mat/Mat
June 64

268,271

Infectious Properties of Damaged Phage, by L. A. ~~Dess~~.
T. N. Broker, D. M. Gol'dfarb, Zh. M. Corlenko, B. N.
Il'yashenko, V. P. Nankina, R. B. Khesin, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 6, 1959,
pp 1421-1423.

Amer Inst of Biol Sci

Sci
Jul 60

121,044

The Elimination of the Undesirable Physical
Properties of Ammonium Nitrate, by M. I. Kantor,
E. I. Dondur, R. M. @ Bass, 8 pp.

RUSSIAN, per, Chem Soc Agr, No 3, 1934, pp 78-82.

SLA R-2887

Sci

Jul. 59

92,598

(NY-7166)

Energy Losses of a Charge Moving Over an ϵ
Anisotropic Medium, by F. G. Bass, S. I.
Khankina, 8 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved MViSSO,
SSR, Radiofiz, Vol V, No 2, 1962, pp 408-411.

JPRS 15517

Sci - Electronics

Oct 62

213, 753

FREQUENCY SPECTRUM OF ELECTROMAGNETIC WAVES
SCATTERED BY A STATISTICALLY UNEVEN SURFACE, BY
V. G. BASS, I. L. VERBITSEV, 15 PP

RUSSIAN, PER, IZVESTIY RADIOTIZIKA, VOL VI, NO 2,
1963, PP 290-296.

JPRS 21869

SCI-ELECTRONICS
NOV 63

242,138

(NY-7166)

Fluctuations of Radio Waves in the Near Zone
Above a Plane Interface, by F. G. Bass,
E. A. Kaner, ~~A.~~ A. Pospelov, 11 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved MViSSO
SSR, Radiofiz, Vol V, No 2, 1962, pp 255-259.

JPRS 15517

Sci - Electronics

Oct 62

213,776

The Behavior of Glucosides, Especially Arbutin, in
the Organism, by Robert Bass, 27 pp.

GERMAN, per, ^{flies} Z. f. Exp. Path u Ther., Vol X, 1912,
pp 129-131.

NIH

Scientific - Biology

Mar 54 CTS/DEX

10,587

The Use of Tertiary Butyl Hydroperoxide for the
Quantitative Determination of Tri-n-Butyl and
Triphenyl Phosphites, by S. I. Bass, 4 pp.

RUSSIAN, PER, Zhur Anal Khim, Vol XVII, NO 1,
1962, pp 113-116.

CB

Sci

Oct 62

214,363

Hydroxybenzylamines Obtained From Phenol and
Its Mononuclear Derivatives, by L. A. Igonin,
E. G. Gintsberg, N. A. Krasulina, S. I. Bass,
V. A. Kargin, 3 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXIV, No 2,
1960, pp 287-294.

Cleaver-Rume Press

Sci

Dec 60

134, 764

The Joint Effect of Sulphur (Free and ~~as~~ Combined)
and phenyl - ~~β~~naphthylamine on the Oxidation
of Vulcanization, by A. S. Kyzminskiy,
S. I. Bush, CIA-D-237475

RUSSIAN, per, Zhur Prikl Khim, Vol XXVII,
No 2, 1954, pp 190-197. *Summary Sub In 57/0125*

23,363

Consultants Bureau

Co-op Tr Sch No 116
L3. 12s. (9s. 0d.)

Scientific - Chemistry

May 55 *CIS*

Sensitivity of Staphylococci Isolated in Kiev in 1961-1962,
to Certain Antimicrobial Drugs, by T. M. Egorov, 10 pp.
RUSSIAN, per, Antibiotiki, Vol V, 1963, pp 472-477.
CIA/FDD IX-1830
NO FOREIGN DISSEM

Sci - Biol & Med Sci
Apr 64
USIB Internal Use Only

233,873

Inhibition of Resistance Development to Erythromycin
in Staphylococci, by T. M. Dace, 9 pp.

RUSIAN, par, Antibiotiki, Vol VII, 1962, pp 1038-1042.

CIA/PDD XX-1480
NO FOREIGN DISSEM!

Sci - Biol & Med Sci
Jan 64
USIA Internal Use Only

246,221

Effect of Particle size on Slagging in p.f. -fired boiler

Furnacem, by G. Bassa.

HUNGARIAN, per. Magyar Tudom Akad Munk Tudom Osztal Eorl. Vol 33.

No 1-4, 1964, pp 299-305

MLL/9022.09 1965 3984

G BASSA.

Sci -
Aug 67

336,815

Effect of Particle Size on Slagging in p.f. - Fired
Boiler Furnaces. by G. Bassa
HUNGARIAN, per Magy. Tudom Akad. Hszg. tudom. Osztal.
Kozl. Vol. 33. No. 1-4, 1964, pp 299-305
NLL/9022.09 1965 (3984)

G. BASSA

Sci -
Sep 67

339-854

94
Domestic Manufacture and Application of Heat
Resistant Explosives, by Robert Bassa, Tivadar
Kempolthy, 20 pp.
HUNGARIAN, rev. Magyar Kémiakönyv Lapja, Vol 21,
No 10, 1966, pp 512-517. 19118267
ANC LA Tr-67-12

Robert Bassa

326,474

Sci - Materials
June 67

On the Identification of Continuous Functions
and Variation with the Aid of Continuous Func-
tions of one Variable, by L. A. Bassalygo.
Moskva, per. Vostok 1966. Univ. Matematika,
No 1, 1966, p. 58-65.
Dept of Navy Tr 5000
APR/JUN 70 230-1491

L. A. Bassalygo

Sci/Mathematical Sci
Box 66

514,643

(NY-6353)

The Training of Scientific-Pedagogical Cadres
at the Ivanovo Medical Institute, by M.D. A.
Bassalyk, 5 pp.

RUSSIAN, per, Byulleten' Uchenogo Med Soveta
Min Zdrav RFBR, No 1, 1961, pp 27-30.

JPRS 9858

165,001

USSR

Soc

Sci - Med

Aug 61

(NY-6358/1)

On the Work of the Ivanovo Medical Institute,
by D. A. Bassalyk, 6 pp.

RUSSIAN, per, Zdravookhraneniye Rossiyskoy
Federatsii, Vol V, No 3, 1961, pp 41-43.

JPRS 9621

USSR
Soc
Med

160, 384

Jul 61

(NY-5642)

All-Russian Conference of Directors of Higher
Medical Training Institutions, Institutes for the
Advanced Training of Physicians and Scientific
Research Institutes, by M. I. Chaplyuk, D. A.
Bassalyk, 8 pp.

RUSSIAN, per, Zdravookhraneniye Rossiyskoy
Federatsii, No 8, 1960, pp 35-38.

JPRS 7943

USSR
SOC.
APR 61

147,886

17

(NY-4158)

On the Deficiencies in the Work of the Saratov
Medical Institute, by D. A. Bassalyk, 8 pp.

RUSSIAN, per, Zdravokhraneniye Rossiyskoy
Federatsii, No 3, 1960, pp 40, 41.

JPRS 5014

Sci - Med

Aug 60

121,733

14
Eccumenical Council Divided for Czech Position,
by Gerhard Bassarak, 5 pp.
GERM AN, np. Neue Zeit, East Berlin, 14 Nov 1968,
p 6.
JPRS 47118

EE-L Ger
Pol
Jan 69

Gerhard Bassarak

371,998

VERIFICATION OF INFORMATION: Road Building, by M. P.
Lushchinsky, 3 pp.

RUSSIAN, per, Put' i Putevoye Khozyaystvo, No 12, 1958,
Moscow, pp 37-39. Call No 274, P982

AMS

Refer - Czechoslovakia

Econ

Aug 59

93,205

Formation of High Melting Carbides by Igniting
a Carbon Filament in the Vapor of a Volatile
Halogen Compounds of the Metal, by W. G. Burgers,
J. C. M. Bassart, 12 pp.

GERMAN, per, Z Anorg u Allgem Chem, Vol CCXVI,
1934, pp 209-222.

SIA Tr 2274

Sci - Physics, Min/met
Sep 57

53,000

Kinetics and Equilibrium of Isomerisation
of Cyclohexene and Methylcyclopentene,
by Raymond Maréchal, Louis Bassery,
Jean-Baptiste Gervais, 16p.
Bull. Soc. Chim. France, 1962, pp 1688-1694.
S.A. TR-67-10201

Louis Bassery

333, 837

Ref.
Aug. 67

The System $\text{CaO-P}_2\text{O}_5\text{-H}_2\text{O}$ (Translation of Sections
Only Dealing With Quintuple), by H. Bassett, 10 pp.

GREENMAN, per, Z. Anorg Chem, Vol LIX, ~~REXJEDX~~
1900, pp 3-11.

NOT RELEASABLE TO FOREIGN NATIONALS
CIA/FID XX-188

Scientific - Chemistry
Aug 1956 CTS/dax

LAC INTERNAL USE ONLY XX-188

37,498

True Piroplasmosis of the Horse (*P. Caballi*)
in Southeast France, by J. Basset, L. Auger.
FRENCH, For, Comptes Rendus Societe de Biologie.
Vol CVII, 1951, pp 629-631.
CSIND 7045

J. Basset

Sci-3/71
Apr 65

278,457

The Creation of Very High Pressures in the Fifty
Thousand-One Hundred Thousand kg/cm^2 Range, by
J. Dumas.

FRENCH, per, Journal de Physique et Le Radium,
Vol VIII, 1940.

AEC Tr 52

Scientific - Physics

13,953

Ultra-Pressures, by Jacques Basset, ²⁹ 9 pp.

FRENCH, per, Atomes, Vol XII, 1957, pp 131-135.

AEC NP Tr-892

Sci - Nuc Phys
Aug 62
List 71

206,106

Recent Developments in High Pressure Techniques,
by Jacques Basset, 25 pp.

FRENCH, per, Atomes, Vol XI, 1956, pp 363-368.

AEC NP Tr-891

Sci - Nuc Phys
Aug 62
List 71

206,105

Detonation of Explosives by a Condensed Electric Spark, by Jacques and James Basset, 3 pp.

FRENCH, per, Comptes Rendus des Seances de l'Academie des Sciences, ~~PARIS~~ Vol CCXXXI, (pp 759-761.) 16 Oct 1950.)

NAVY Tr 1242/NRL 534

SLA 57-132

Sci - Physics

29/35

Influence of Ambient Pressure on the Effects of Shaped Charges and Combustion of Explosives, by James and Jacques Basset, 3 pp.

FRENCH, per, Comptes Rendus de Seances de l'Academie des Sciences, Vol CCXXXI, 18 Dec 1950, pp 1440-1442.

NAVY TR 1241/MRL 533

Sci - Physics

29, 134

Influence of Ambient Pressure on the Effects of Shaped Charges and Combustion of Explosives, by James and Jacques Basset, 3 pp.

FRENCH, per, Comptes Rendus de Seances de l'Academie des Sciences, Vol CCXXXI, 18 Dec 1950, pp 1440-1442.

NAVY TR 1241/MRL 533

Sci - Physics

SLA-57-1904

29, 134

Detonation of Explosives by a Condensed Electric Spark, by Jacques and James Basset, 3 pp.

FRENCH, per, Comptes Rendus des Seances de l'Academie des Sciences. ~~XXXXXXXX~~ Vol CCXXXI, pp 759-761, 16 Oct 1950.

HAVY Tr 1242/WRL 534

Sci - Physics

29/35

Laboratory Note on the Colorimetric Micro-
determination of Boron, by M. Basset, G.
Martin.

Bull.
FRENCH, per, Societe de Chimie Biologique,
Vol XXIX, No 2/3, 1957, pp 337-341.

OSIRIS 3801

Sci - Chem
May 62

198, 458

The Effect of Very High Pressures on Enzymes, by
M. A. Machuboeuf, James Bassett, 10 pp.

Full translation.

GERMAN, per, Ergeb. der enzymforschung, Vol III,
1934, pp 303-308.

S.L.A.

Scientific - Biological

27,087

Jul 55

Numerical Calculations on the Space-Charge
Effects in a Storage Ring for Electrons and *112*
Positrons, by M. Bassetti.
ITALIAN, rpt, Laboratori Nazionali di
Frascati del CNEN, Servizio Documentazione,
No 135, May 5, 1962. 9232582
ALC SLAC-Tr-38

M. Bassetti

Sci/Nuclear Sci
May 66

300,517

70
Microphotographic Observations on Stained Ukrainian
Orbits, by A. Engel, G. Gamm, et al, 20 pp.
ITALIAN, post, Energia Nucleare, No 9, 1962,
pp 513-514.
AEEH-Harwell-Tr-996

Sci-Mat & Mat
Aug 64

203,127

The Possibility of Producing a Metallurgical
Bond Between Stainless Steel and Zircaloy-2
by A. Bassi, E. Brutto, et al.

ITALIAN, per, La Metallurgia Italiana, Vol
No 11, 1959, pp 509-514.

ATS 68M441

Sci - Min/Met

*ABC

Jun 61

156, 85.

Basini, A., Bruto, E., and others.
EFFECTS OF CORROSION AND EROSION EXPERI-
MENTS WITH STEAM-WATER SPRAY. Special rept.
no. 8. July 61. 100p. 62 rds. CISE Rpt. R-40.
Order from OTS or SLA \$8.60 EURAEC-131

Trans. of rept. from Centro Informazioni Studi Es-
perimenti (Italy)

DESCRIPTORS: Power reactors, *Reactor coolants,
Steam, Water, Mixtures, Corrosion research, Zir-
conium alloys, Alloys, Stainless steel, Corrosion,
Tests.

This report is devoted to the enumeration of corrosion
and erosion incidents for Zircaloy-2 and stain-
less steel tubes. An attempt is made to correlate the
various parameters involved. (See also 62-24606)

(Nuclear Physics--Nuclear Engineering, IT, v. 8,
no. 10)

- I. Basini, A.
- II. Bruto, E.
- III. CISE R-40
- IV. EURAEC-131
- V. EURATOM (Belgium)

C226395

Office of Technical Services

Hysteresis Meter for Yarns, by A. Bassi and
S. Echer.

ITALIAN, per, Pirelli ^{S.} A. p.A. (Research and
Development, 1956.

ASLIB-OB39

Sci

Aug 58

72,497

Electrolytes for the Polishing and Etching of
Austenitic Cr-Ni and Mn Steels, by G. Bassi.

GERMAN, per, Metalloberfläche, Vol LII, No 2,
1961, pp 141, 142.

HB 5164

Sci

Aug 61

163,169

The Martensite Transformation in the Copper-
Zinc System, by Guido Bassi, Bengt Strom, 12 pp.

GERMAN, per, Z Metallkunde, Vol XLVII, 1956,
pp 16-21.

AEC SCL-T-204

Sci - Min/Mat

TT-66-10432

Dec 58

78,296

Martensite Transformation In The Copperzinc System,
by G. Hassi, B. Stroem.
GERMAN, per, Zeitschrift fuer Metalkunde (West Germany)
1956, p16-21
SLA TT-66-10432

345,140

Applications of Electron Diffraction to the
Structural Study of Polymers, by P. Corradini,
I. W. Dassi, 8 pp.

ITALIAN, per, Ricerca Sci, Vol XXVIII, No 7, 1958,
pp 1435-1442.

ATS 158-IJ
ATS 78L31I

Sci
Nov 59

100,406

Preliminary Report on the Crystal Structure of
Isotactic Poly-2-Butene, by G. Natta, P. Corradini,
I. W. Bassi, 4 pp.

GERMAN, per, Makromol Chem, Vol XXI, No 3, Dec 1956,
pp 240-244.

SLA Tr 57-1175

Sci - Chemistry
Oct 57

54,487

Crystalline Structure of Metallocenic Complexes
Containing Aluminum and Titanium, by Paolo Corradini,
Ivano Walter Bassi, 10 pp.

REAGIAM, per, Acced Nazionale Lincei Classe Sci
Fiz Mat e Nat Rendiconti, Ser 8, Vol XXIV, No 1,
1958, pp 43-49.

SIA 59-10834

Sci
Nov 59
Vol 2, No 3

101,547

On the Zenithal Distribution of the Medium-
Energy Nucleonic Component, by P. Bassi,
G. Manduchi, P. Veronesi, 6 pp.

ITALIAN, per, Il Nuovo Cimento, Vol IX, 1952,
pp 722-725.

S.L.A.

Scientific - Nuclear Physics CTS 64/Jan 55

20,948

Pressure Transducers and Miniature Manometers
Applicable in Wind Tunnels and in Flight, by
M. Bassiere, 24 pp.

FRENCH, bk, Capteurs de Pression et Manometres
Miniatures Utilisables en Soufflerie et en Vol,
AGARD-Report No 173, 1958, pp 1-18.

ABC SCI T-316

Sci - Phys
14 Oct 60

128,919

The Measurements and Recording of Measurements on
Aerodynamic Balances by Means of Resistance Strain
Gauges, by M. Bassiere, 18 pp.

FRENCH, Agard rpt No 14, 1956.

SLA 57-2897

Sci

Aug 58

71,311

Trans No 67
University of Michigan

Nitrochloronaphthalenes II. Dinitration of α -
Chloronaphthalene, by H. F. Bassilios and M. Shawky,
17 pp. (page 13 missing)

fr
FRENCH, Bull soc chim, 1952, pp 1022-1029.

CIA/FDD/X-1334

13,053

Scientific - Chemistry

May CTS/DEX

I. Mononitration of α -Chloronaphthalene.
Chlorination of α -Nitronaphthalene, by Helmy
Farid Bassilios, 11 pp.

FRENCH, Bull soc chim, 1951, pp 651-655.

CIA/FDD/X-1335

Scientific - Chemistry

May CTS/DEX

13,054

CONSEQUENCES OF JOINT SESSION OF ACADEMY OF
SCIENCES AND ACADEMY OF MEDICAL SCIENCES USSR,
BY F. BASSIN, 5 PP.

RUSSIAN, XX NP, MEDITSKINSKIY RABOTNIK,
NO 47 (2107), 12 JUN 1962, P 2.

JPRS 16990

SCI - MISC

JAN 63

219,082

Application of Electromyography to the Study of
Speech, by F. V. Bassin, E. S. Bein, 15 pp.

RUSSIAN, rpt., Materialy Soveshchaniya po Psikhologii,
1957, pp 315-327.

Liveright Pub Corp. New York

Su1 - Med

Mar 62

188,478

CIA Lib No BF

21

.03

E5

Lib of Congress 60-16487

(NY-6515)

The First Psychiatric Congress in Czechoslovakia,
by V. N. Myssishchev, F. V. Bassin, Ye. K.
Yakovleva, 12 pp.

RUSEMIAN, per, Zhur Nevropatologii i Psikhatrii
izvemi S. S. Korsakova, Vol LX, No 10, 1960,
pp 1391-1396.

JPRS 9613

Sci - Med

Aug 61

2
167058

S-4553 (1)

(DC-2241)

The Development of the Plastics Industry of the
German Democratic Republic in the Third Five-Year
Plan, by H. Bassin, 7 pp.

GERMAN, per, Plaste und Kautschuk, Vol V, No 8,
Aug 1958, pp 289-290.

US JPRS/DC-L-1026

EE - Germany

ECON - Plastics and Industrial Production

Nov 58

76,520

Radio and Television Information From the USSR
and Other Countries, by M. Bassina, Yu. Kapustin,
V. Pelepy, A. Vasilenko, Garry Brauer, 10 pp.
UNCLASSIFIED

RUSSIAN, no per, Radio, No 11, Moscow, Nov 1956,
pp 15, 16, 18, 25.

US JPRS/DC-L-27

Sci - Electronics
Mar 58

59,641

70-13551-06T

Rassleer, R.
CONTRIBUTION TO THE STUDY OF THE INTOXICATION
BY OZONE. Acta Belgica de Arte Medicinali et Pharma-
ceutica Militari, v. 3, n. 2, p. 253-269, 1958.
Order from NTC as 70-13551-06T: HC \$ 7.60, MF \$ 5.80.