

Ladenburg, R.

The paramagnetic rotation of the plane of polarization.  
ZEITSCHRIFT FUR PHYSIK, Vol 46, 1927, pp168-176  
NASA TT F-14,737

Gibson, G. E.

The chemical constant in the new quantum statistics.

ZEITSCHRIFT FUER PHYSIK, Vol 49, 1928, pp 465-472

NTC 73-21832-20J

HIC.

UncI (NRC-TT--1619) Probabilities of forbidden s,d  
transitions of the alkali metals. Prokofjew, W.  
Translated by P. Hyde from Z. Phys.; 57: No. 5/6, 367  
393(1929). 8p. Dep. NTIS (U.S. Sales Only).

20 physics; translations  
MN-34 NP NSA

Teller, E.

The hydrogen molecule ion.

ZEITSCHRIFT FUER PHYSIK, Vol 61, No 7/8, 1930, pp 458-480

David, E.

*Interpretation of the anomalies in the optical  
constants of thin metal films  
ZEITSCHRIFT FUER PHYSIK, v. 114, 1939, pp. 389-406  
NRC C-10976*

GROSCHWITZ, E.  
//ZEITSCHRIFT FUER PHYSIK//  
--/--/1952, VOL31, N----,  
Diffraction of Electromagnetic Waves by a Slit.  
Part I,  
pp 305-319, NTC 74-20076-20N@Q

HEISENBERG, W.  
//ZEITSCHRIFT FUR PHYSIK//  
--/---/1952, V0133, N-----,  
UNKNOWN  
pp 66-79, ^NASA TT F 15937##

Goetz, Marald

The Electronstriction in Liquids and the Production of  
Ultrasonic Sound using Electrostrictive Methods 23pp  
ZEITSCHRIFT FUER PHYSIK, nr. 141, 1955, pp. 277-293  
AIR/ FTD-HC-23-62-74

Goetz, Harald

*Electrostriction of non-polar liquids. 12 pp.*  
ZEITSCHRIFT FUER PHYSIK, No 151, 1958, pp 202-209  
AIR/FTD-HC-23-61-74

DISTRIBUTION LIMITED TO U.S. GOV'T AGENCIES ONLY  
COPYRIGHT INFORMATION. OTHER REQUEST MUST BE  
REFERRED TO FTD?

Hietel, B.

*The fabrication of thin silicon single-crystal films  
by cathode sputtering.*

ZEITSCHRIFT FUER PHYSIK, Vol 165, 1961, pp 47-52

NTC 73-21797-20L

FELLENZER, H.  
//ZEITSCHRIFT FUER PHYSIK//  
--/1961, V0165, N----,  
Reduced Plasma Losses in Lithium Measured in  
Transmission,  
PP 419-438, NTC 74-20075-201@

Determination of the Line Shape from the Line Contour  
in Lines with Self-Reversal. I. Theory of the Method,  
by H. Bartels, 19 pp.  
ZEIT PHYSIK, Vol 166, 1962, pp 148-162.  
X-7745

April 73

Nossek, R.

The Characteristic Thermoelectric Power of Boundary  
Atoms

ZEITSCHRIFT FUER PHYSIK, v. 174, 1962, p. 296-300

NTC 73-11915-20C

RIEMANN, M.  
//ZEITSCHRIFT FUER PHYSIK//  
-/-/1964, V---, NO179,  
Measurement of relative and absolute optical  
transition probabilities of CuI in wallstabilized  
light arcs, 17 pp,  
pp 38-51, AIR/FTD-HC-23-2050-74  
DISTRIBUTION LIMITED TO U.S. GOV'T AGENCIES ONLY  
COPYRIGHT INFORMATION, OTHER REQUEST MUST BE  
REFERRED TO FTD##

22-Aug-73

Uncl (AEC-tr--7448) Study of the level scheme of  $^{93}\text{Nb}$   
by measurement of the gamma-rays emitted after inelastic  
scattering of fast neutrons. GOEBEL, H.; FEICHT, E.J.;  
VONACH, H. Translated from Z. Phys.; 240: 430  
453(1970). 22p. Dep. NTIS \$3.25.

20H physics (nuclear); translations  
MN-34 P NSA

Agency: Army/Redstone  
MFR No. 971-60100-DR-7-16 #62

9220/0462

6 AUGUST 1973

Title: An Experimental Method for testing the  
proportionality of the Inert and Gravitational  
Mass.

Author: M. Rozsa, et al.

Source: Z. Physik 71, 314-316 (1931).

Language: German

Special Instructions: Please translate.  
Edited draft only.

Mattauch, J.

On a New Mass Spectrograph.  
ZEITSCHRIFT FUR PHYSIK, Vol. 89, pp. 786-795,  
1934.  
\*NTIS TT 73-58040

may 73

Liebfried, Gunther

The Effect of Thermally-Stimulated Sound  
Waves on Plastic Deformation 14 pp

ZEITSCHRIFT FUR PHYSIK Vol 127, 1950 pp 344-356

FSTC-HT-23-1056-73

DISTRIBUTION LIMITED TO U.S. GOVT AGENCIES

Determination of the Radial Temperature Distribution  
of High-Pressure Mercury Arcs from the Peak Radiant  
Intensities of Self-Reversed Lines, by Wilhelm Goeing.  
ZEIT PHYSIK, Vol 131, 1952, pp 603-618.  
CIA-X-7752

May 73

Goetz, Harald

The Electrostriction in Liquids and the Production  
of Ultrasonic Sound using Electrostrictive Methods  
ZEITSCHRIFT FUER PHYSIK, nr. 141, 1955, pp. 277-293  
23 pp  
AIR/FTD-HC-23-62-74

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UNKNOWN  
GEO GOETZ, HARALD; ZAHN, WOLFGANG  
GY: ZEITSCHRIFT FUER PHYSIK, NO. 151,  
1958, pp. 202-209

Precious  
HC74-23-0061

The Temperature of High-Pressure Short-Arc Discharges  
in Xenon, by Herbert Schirmer, 12 pp.  
ZEIT PHY, Vol 11, 1959, pp 357-361.  
CIA-X-7766

June 73

Absorption and Path of Interfering X-rays in Weakly  
Deformed Crystal Lattices, by G. Borrmann.  
Z. PHYSIK, 156, 1959, pp 189-199  
\*AEC/LB/G-303/32

April 63

Hinrichs, E.

~~WITHDRAWN~~

Influence of Cathod Sublimation on the Former  
Balance of a high current carbon arc.  
ZEITSCHRIFT FUR PHYSIK 1959, 156, pp.592-597.  
BISI 8092

Determination of the Line Shape from the Line Contour  
in Lines with Self-Reversal. I. Theory of the Method,  
by H. Bartels, 19 pp.  
ZEIT PHYSIK, Vol 166, 1962, pp 148-162.  
X-7745

April 73

Determination of the Line Shape from the Line Contour  
in Lines With Self-Reversal. II. Application to  
Lines of a High-Pressure Mercury Arc, by  
Hartmut Zwicker, 15 pp.  
ZEIT PHYSIK, VOL 166, 1962, pp 163-175.

X-7745

April 73

Zahn, Wolfgang

*Electrostriction in Dipolar Fluids 20 pp*  
ZEITSCHRIFT FUER PHYSIK, nr. 166, 1962, pp. 275-288  
FTD-HC-23-63-74

HELFRICH, W.  
//ZEITSCHRIFT FUER PHYSIK//  
--/1962, VOL66, N----,  
Space-Charge-Limited Currents in Anthracene as  
a Means for the Determination of the Mobility  
of Deficit Electrons,  
pp 370-395, ITC 74-10677-07DOS

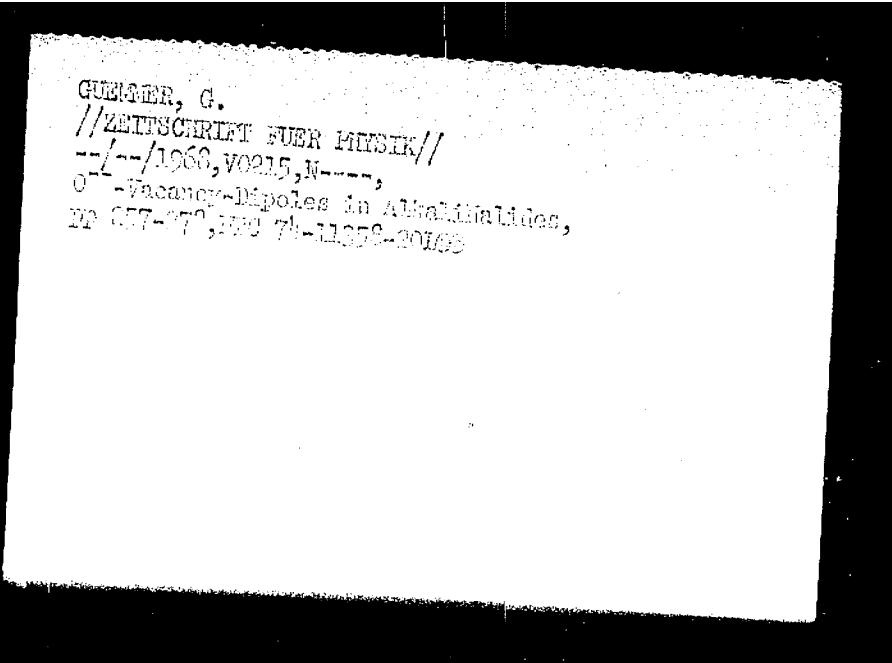
Specht, H. J.

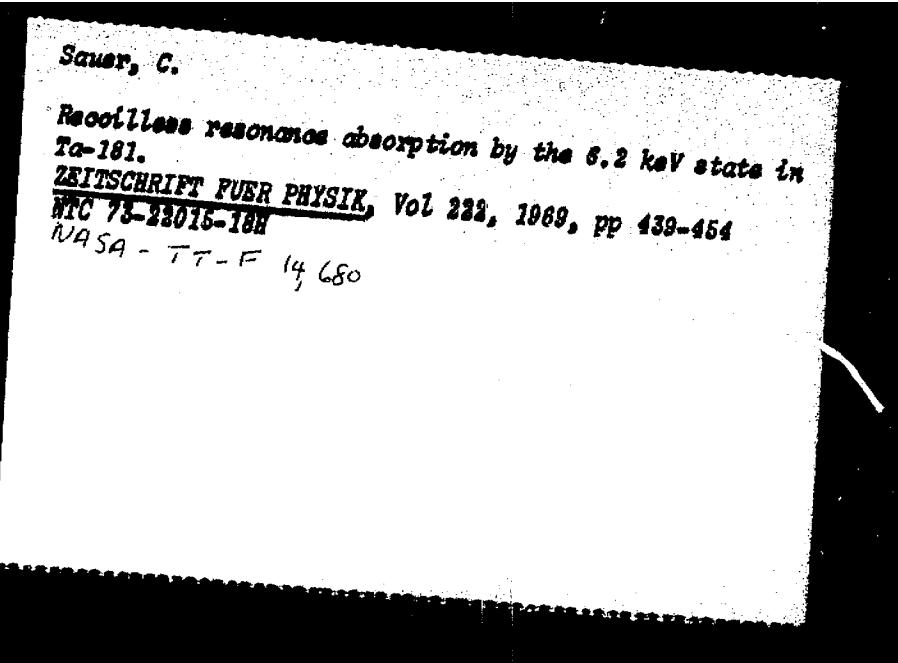
Ionization of Inner Electron Shells, etc <sup>4574</sup>  
ZEITSCHRIFT FUR PHYSIK, vol. 185, 1965, pp. 301-330  
NASA TT F-15,157

W. MEHLHORN

The Coster-Kronig and Auger Spectrum of the L<sub>1</sub>-  
Shell of Argon.  
ZEITSCHRIFT FUER PHYSIK, Vol 208, pp 1-27, 1968.

NTC 73-10248-20I  
Mar 73





Behringer, J.

Resonance-raman effect on excitation in the  
absorption continuum.  
ZEITSCHRIFT FUER PHYSIK, v. 229, p. 209-216, 1969.  
NTC 73-10973-07E

Vonach, H.

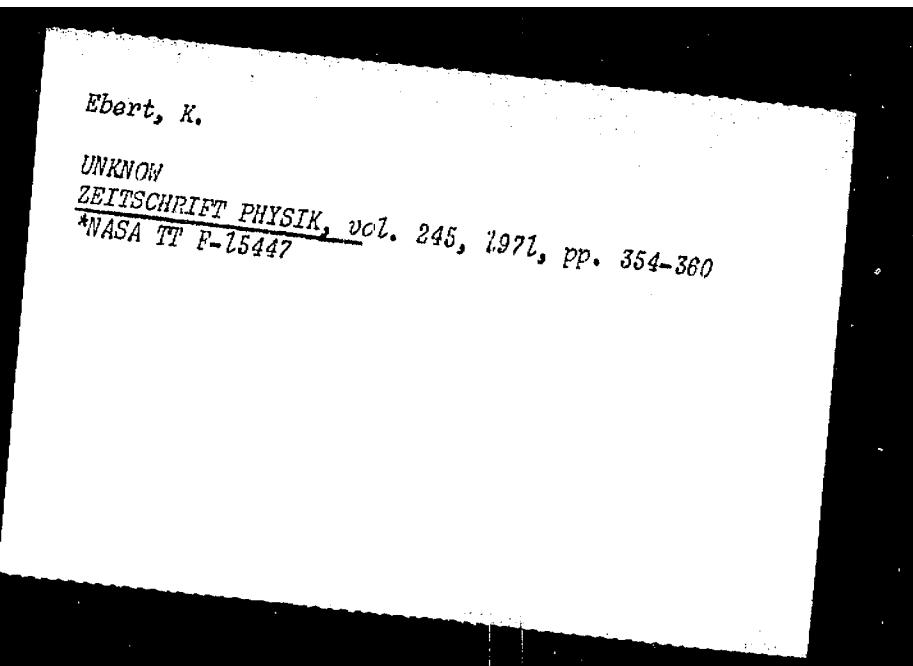
Precision Measurement of the Al<sup>27</sup> ( ) Cross - Section  
for 14.43 MeV Neutrons  
ZEITSCHRIFT FUER PHYSIK, v. 237, 1970, p. 155-179  
UCRL-TRans-10655  
NTC 73-11607-201

Goebel, H.

Study of the Level Scheme of Nb<sup>93</sup> by Measurement of  
the Gamma-Rays Emitted After Inelastic  
Scattering of Fast Neutrons 22 pp

Z. PHYSIK, Vol 240, 1970 pp 430-453

AEC/tr-7448-73



Krichel, R.

*Thermal Capacity of a wall with a Toroidal Plasma Inclusion*  
~~ZEITSCHRIFT FUER PHYSIK~~, v. 248, 1971, pp. 13-21  
NTC 73-2L563-201  
NTIS N72-32693

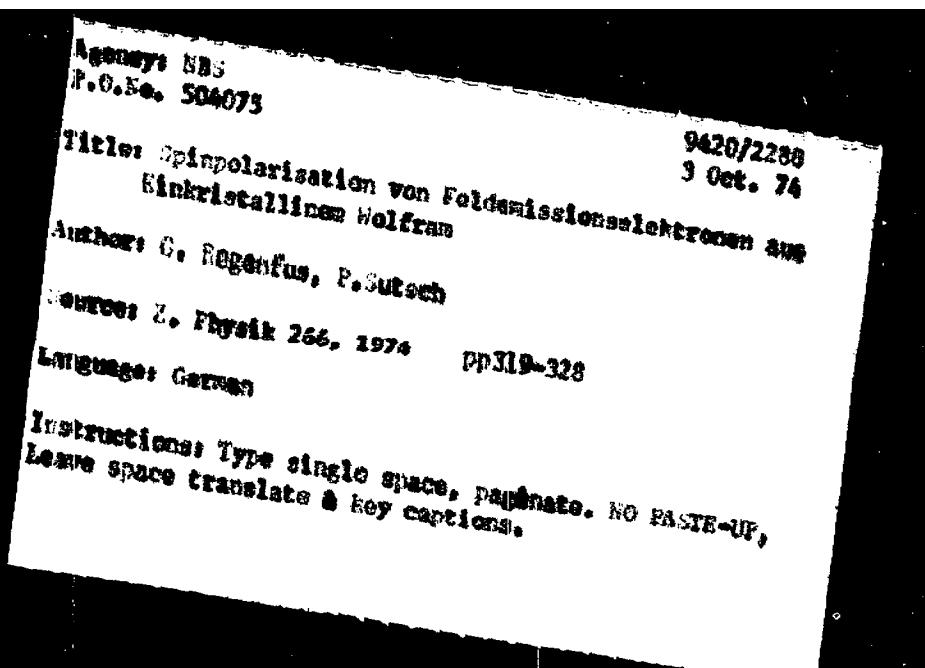
KISKER, E.

//ZEITSCHRIFT PHYSIK//

--/---/1972, V----, NO256,

Optical measurement of electron-impact excitation  
of helium, neon and krypton in the threshold  
region with high energy resolution, 12 pp,  
pp 121-130, AIR/FTD-HT-23-2829-74

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REFERRED TO FTD##



Agency: KBS  
P.O. No. 504075

9420/2269  
3 Oct. 1974

Title: Die Rotation des Elektronenspins beim ebenen  
Tunnelprozess mit überlagerten homogenen Magnetfeld

Author: G. Regenfus

Source: Z. Physik 269, 1974 pp259-269

Language: German

Instructions: Type single space, paginate, NO PASTE-UP,  
leave space, key & translate captions.

*ZEITSCHRIFT FUR PHYSIKALISCHE CHEMIE, NEUE FOLGE*  
*THIS SERIES HAS LOW VOLUME NUMBERS*

HESSEL, D.  
//ZEITSCHAFT FUER PHYSIKALISCHE CHEMIE, LEIPZIG//  
--/-/1965, VOL29, NO----,  
Pressure Dependence of the Heteroacutotropic  
System n-Butanol/Water,  
PP 100-600, ETC 74-11262-67D08

FLEISCHER, G.  
//ZEITSCHRIFT FUER PHYSIKALISCHE CHEMIE. LEIPZIG//  
--/---/1972, V0250, N----,  
Calculations concerning the transition state in  
the radical addition on ethylene  
pp 261-263, NTC 74-11459-07D##

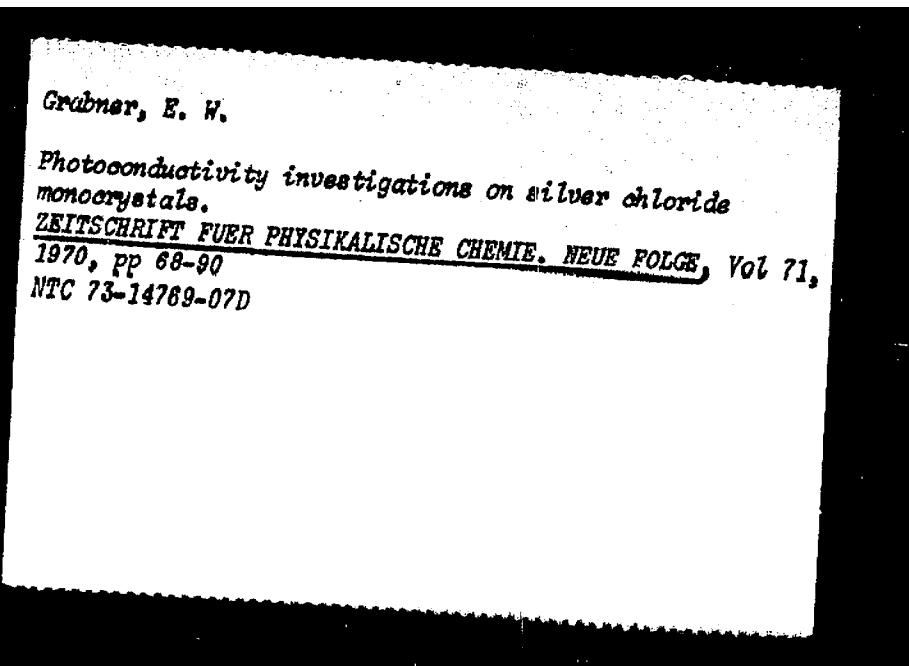
GESCHE, D.  
//ZEITSCHRIFT FUER PHYSIKALISCHE CHEMIE. LEIPZIG//  
--/---1972, V0251, N----,  
CNDQ calculations of specific adsorption interactions,  
pp 377-382, NTC 74-10026-C7D@0

SCHLOEGL, R.  
//ZEITSCHRIFT FUER PHYSIKALISCHE CHEMIE. NEUE FOLGE//  
--/---/1954, V0001, N----,  
*Electrodiffusion in free solutions and charged  
membranes. (General time independent integral of  
the Nernst-Planck equations of ionic motion for  
arbitrary electrolytes)*  
pp 305-339, NTC 74-11480-07D##

SCHWAB, G.-M.  
//ZEITSCHRIFT FUER PHYSIKALISCHE CHEMIE. NEUE  
FOLGE//  
--/---/1958, V0016, N----,  
Carbon monoxide combustion on silver, palladium  
and their alloy  
pp 39-63, NTC 74-11499-07D##

HARTIG, H.  
//ZEITSCHRIFT FUER PHYSIKALISCHE CHEMIE. NEUE  
FOLGE//  
---/1963, V0038, N----,  
Combustion zones in catalyst beds in catalytic  
oxidation of Co  
pp 265-284, NTC 74-11484-07D##

BUDUROV,S.  
//ZEITSCHRIFT FUER PHYSIKALISCHE CHEMIE. NEUE  
FOLGE//  
--/-/1967, V0053, N----,  
On the rate of evaporation of thin potassium  
needles  
pp 263-271, NTC 74-11548-07D##



Stackelberg, M. & Paulus, R.

Studies of the Crystal Structure of the Nitrides  
and Phosphides of Bivalent Metals  
ZEITSCHRIFT FUER PHYSIKALISCHE CHEMIE Abt. B, Vol 22  
No 4, 1933, pp 305-322

\*AFSC (6 Jul 73)

July 1973

*ZEITSCHRIFT FÜR PHYSIKALISCHE CHEMIE*

*VOLUMES 230 AND UP*

E. BAUMGARTNER

Relation Between the Transport and Eqilibrium  
Properties in Polyelectrolyte Solutions.  
ZEITSCHRIFT FUER PHYSIKALISCHE CHEMIE, Vol 245,  
pp 280-286, 1970.  
NTC 73-10077-07D

Mar 73

LAUDIEN, K.  
//ZEITSCHRIFT FUER PHYSIKALISCHE CHEMIE. LEIPZIG//  
--/--/1971, VOL 71, N----,  
Size Distribution and Concentration of Aerosols  
in the Atmosphere and in Closed Rooms,  
pp 60-64, IIPC 74-10897-07 DEC

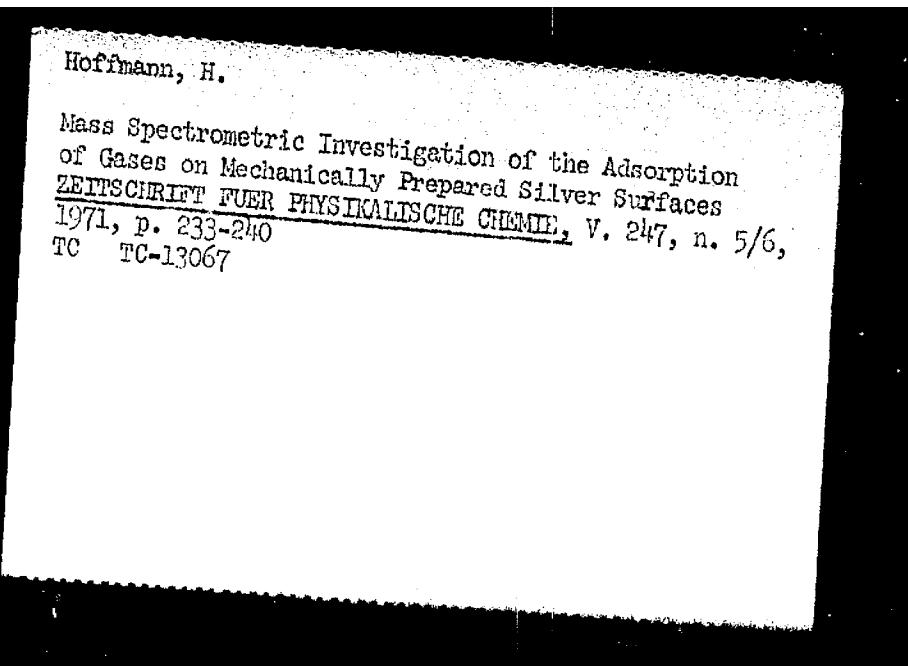
LAUDIEN, K.  
//ZEITSCHRIFT FUER PHYSIKALISCHE CHEMIE. LEIPZIG//  
--/-/1971, VOL 246, N-----,  
Jet Dispersion and Impaction Separation in  
Compressed-Air Jet Atomizers,  
pp 161-167, WFC 74-16006-0716C

Knappwost, A.

Adsorption film structures and rotational energies of several copper aromatics from precision measurements of the isoteric heat of adsorption. 15 pp.

ZEITSCHRIFT FUR PHYSIKALISCHE CHEMIE Vol. 82,  
Nr. 4, 1972, 125-138 pp.  
AIR/FTD-HC-23-0401-73

Distribution limited to U. S. Gov't agencies only; Copyright Information; Other request for this document must be referred to FTD. The contents of this document are suspected to be subject to copyright protection.



Detry, D.

On the thermodynamics of sulfuric vapor: Mass  
spectrometric investigations with the electrochemical  
Knudsen-cell.  
ZEITSCHRIFT FUER PHYSIKALISCHE CHEMIE, NEUE FOLGE.

Vol 55, 1967, pp 314-319  
NTC 73-21758-07D

Bloch, L.

Chemical investigations on the specific  
cutaneous pigment-forming enzyme: dopaoxydase.  
ZEITSCHRIFT FUER PHYSIOLOGISCHE  
CHEMIE, Vol. 98, 1917, p.226-254  
NTC 77-11452-06A

SCHWEIGER, H. G.  
//Z. PHYSIOL CHEM//  
--/---/1956, V0306, N----  
Nitrogen metabolism in erythrocyte maturation  
residual nitrogen formation and hemoglobin  
synthesis 14 pp  
pp 33-41 NASA TT F 15741#

Von Volker, F.

Z. PHYSIOL. CHEM., Vol 350, 1969, pp 121-128

\*NTIS-TT-74-53167

Smelin, R.

Dichrostachinic acid, a new sulphur-containing  
amino acid from the seeds of dichrostachys  
glomerata (Forsk.) Butch. and Dalz. (mimosaceae).

ZEITSCHRIFT FUER PHYSIOLOGISCHE

CHEMIE, Vol. 227, 1962, p. 186-194, refs.

omitted. CSIRO-Trans-11145

NTC 73-11325-06A

Lob, M.

Concerning lead gasoline.  
ZEITSCHRIFT FUER PRAEVENTIVMEDIZIN, Vol 10, 1965,  
pp 172-179  
NTC 73-13830-21D

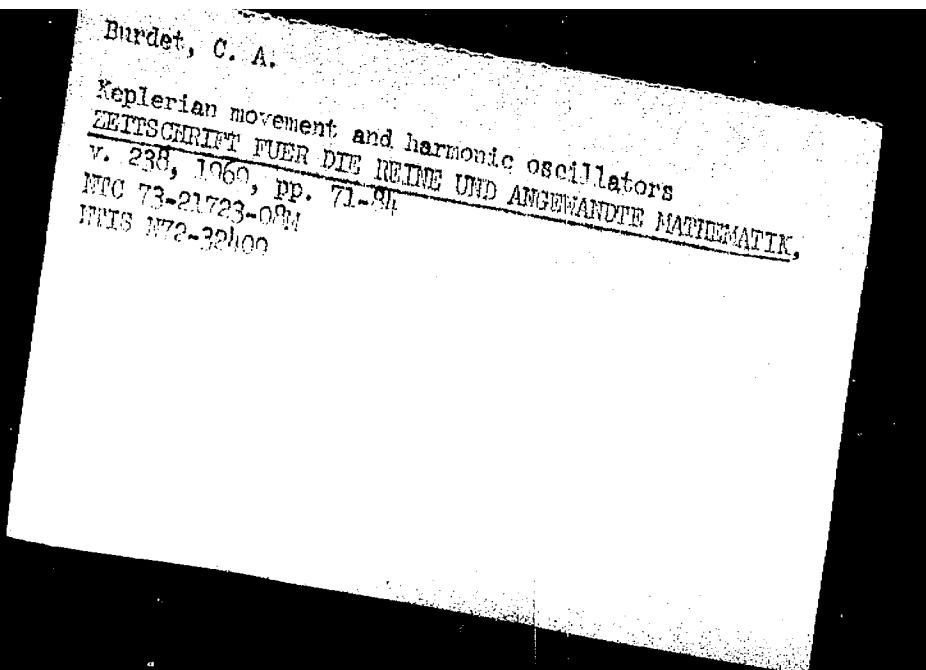
Much, A.

Measurement of End-expiratory lung volume (FRC)  
during exercises 10 pp.

ZEITSCHRIFT FÜR PRAKTICH ANAESTHESIOLOGIE, vol. 8,

1973, pp. 166-71

NASA TT F 15640



EBERL, R.  
//ZEITSCHRIFT RHEUMATOLOGIA//  
--/--/1974, V0033, N0033,  
Etiology of SLE in relation to inductibility of  
Antinuclear-factors via various drugs,  
pp 232-233, NASA TT P 15946#

VON SCHULTZ, WOLFGART  
//ZEITSCHRIFT FÜR SAUGETIERKUNDE//  
--/--/1967, VOGEL, N0002,  
The killer whale - *Orcinus orca*  
pp 90-103, NAVY NOO LIB T-5##

VON NOHR, ERNA  
//ZEITSCHRIFT FÜR SAUGETIERKUNDE//  
--/-/1967, V0032, N0002,  
Sperm whales of the German North Sea coast  
pp 107-113, \*NAVY HOO LIB T-7##

Cramer, T.

On a medium for measuring contrast and brilliance.  
ZEITSCHRIFT FÜR SINNESPHYSIOLOGIE. Vol 54, 1923,  
pp 214-42  
NASA TT F-15,035

Agency: Picatinny Arsenal  
Req. 74-61 c

421c / 474  
17 Dec 6 79

Title: Solid Phase Forming of Plastics.

Author: Ulrich, D.,

Source: Schweizerische Technische Zeitschrift, v. 68,  
Dec. 16, 1971, pp. 1017-1023.

Language: German

Type single space, paste-up, camera ready copy.

Wentzel, K. F.

Findings relating to smoke damage based on a study of  
the effects of defect in filtering and absorption  
equipment of a lead smeltery.  
ZEITSCHRIFT, DRESDEN, TECHNISCHE UNIVERSITAET.  
WISSENSCHAFTLICHE, Vol 11, 1962, pp 581-588  
NTC 73-10647-02F

may 73

Lampadius, F.

Problems and methods of air examinations over  
extensive areas.

ZEITSCHRIFT, DRESDEN, TECHNISCHE UNIVERSITAET,  
WISSENSCHAFTLICHE, Vol 11, 1962, pp 609-616  
NTC 73-10646-02F on loan \$8.00 service charge

may 73

Templin, E.

On the population dynamics of several pine pests in  
smoke-damaged forest stands.  
DRESDEN. TECHNISCHE UNIVERSITAET, WISSENSCHAFTLICHE  
ZEITSCHRIFT, V. 11, p. 631-637, 1962  
NTC 73-11074-02F

Lampadius, F.

Results of determination of the sulfur-dioxide content  
of the atmospheric air with portable measurement kit  
based on the pararosaniline method.

DRESDEN, TECHNISCHE UNIVERSITAET, WISSENSCHAFTLICHE  
ZEITSCHRIFT, v. 12, p. 1585-1594, 1963

NTC 73-11075-13B

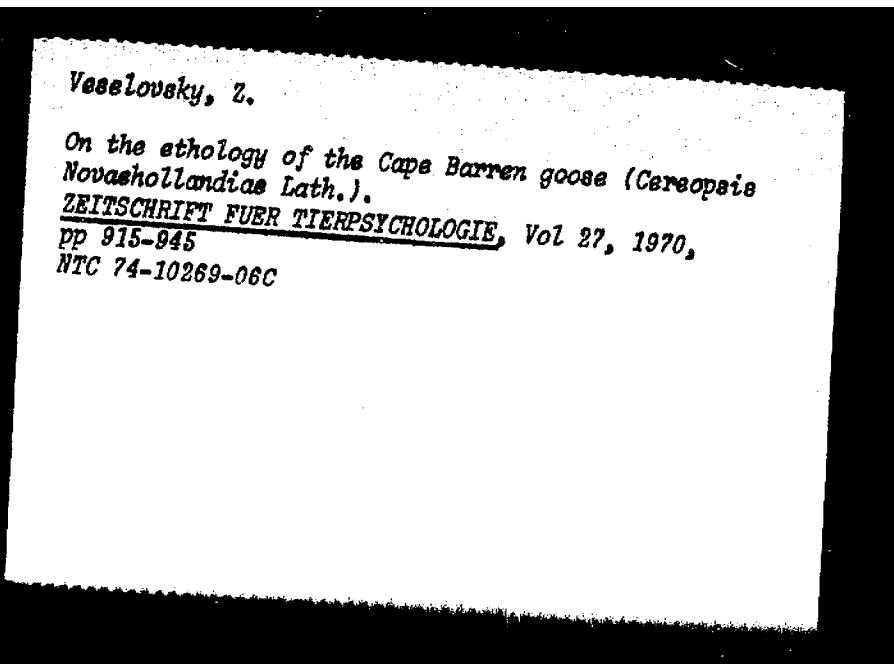
Gwinner, E.V.  
ZEIT, FUR TIERPSYCHOLOGIE, Vol 21, 1964  
pp 657-748  
\*NTIS-TT-74-53368

Jander, Ursula

Studies on the Phylogeny of Grooming Behavior  
in the Tracheata

ZEIT. FUR TIERPSYCHOLOGIE, Vol 23, 1966,  
pp 799-844

\*NTIS-TT-74-53147



Kaltenhaeuser, D.

On events in the evolution of the courtship in  
dabbling ducks.  
ZEITSCHRIFT FUER TIERPHYSIOLOGIE, Vol. 29,  
1972, n. 5, p. 481-540  
NRC 0-11868

K. Loercher

The Effect of Chlorides on Eggshell Stability.  
Zeitschrift fuer Tierphysiologie, Tierernaehrung und Futtermittelkunde, vol. 19, no. 4,  
pp. 228-236, 1964. 9 pp.  
\*NTIS-TT-73-55070

Apr 73

Juette, J. J.

The effect of outdoor run and soil on the growth  
and hemoglobin content of the blood of suckling  
pigs.

ZEITSCHRIFT FUER TIERPHYSIOLOGIE, TIERERNÄHRUNG  
UND FUTTERMITTELKUNDE, Vol. 22, 1967, p. 160-173  
NTC 73-11031-02E

Muller, R.

*Experimental approach to the determination of Hydrogen ion concentration and redox potential of bovine rumen contents "in Vitro" and "in Vivo". Report 1. Influence of sampling technique and treatment of the samples on the measurement results "In Vitro".*

ZEITSCHRIFT FUER TIERPHYSIOLOGIE TIERENAehrUNG UND FUTTERMittelkunde, Vol 25, 1963, pp 146-156

CSIRO-Trans-11399

NTC 73-14139-02E

Mueller, R.

Experimental approach to the determination of hydrogen ion concentration and redox potential of bovine rumen contents "In Vitro" and "In Vivo"/ Report No 2.  
Influence of the time of sampling on measurement results  
*in vitro.*

ZEITSCHRIFT FUER TIERPHYSIOLOGIE, TIERNAEHRUNG UND  
FUTTERMITTELKUNDE, Vol 25, 1969, pp 239-242.  
CSIRO-Trans-11425  
NTC 73-14395-02E

Mueller, R.

*Experimental approach to the determination of hydrogen ion concentration and redox potential of bovine rumen contents "In Vitro" and "In Vivo". Report No 3. Continuous measurements in Vivo.*

ZEITSCHRIFT FUER TIERPHYSIOLOGIE, TIERENAEHRUNG UND FUTTERMITTELKUNDE, Vol 25, 1969, pp 242-247

CSIRO-Trans-11426

NTC 73-14396-02E

Mueller, R.

Experimental approach to the determination of hydrogen ion concentration and redox potential of bovine rumen contents "In Vitro" and "In Vivo". Report No 4. Comparative measurements in Vivo and in automatically pumped Rumen fluid.

ZEITSCHRIFT FUER TIERPHYSIOLOGIE, TIERNAEHRUNG UND FUTTERMITTELKUNDE, Vol 26, 1970, pp 17-20

CSIRO-Trans-11427

NTC 73-14397-02E

Investigations on Echinostoma Lindoense and  
Schistosoma Japonicum Infestation in the Population  
of Lake Lindu, by A. A. Buck, 11 pp.  
ZEIT TROPENMED PARASITOLOGIE No 7 1956 pp 110-116.  
NAVY/NMTI-1638

May 73

SCHINDLER, R.  
//ZEITSCHRIFT FUER TROPENMEDIZIN UND PARASITOLOGIE//  
---/1968, V019, N004,

An improvement of the indirect coons' test for detecting  
antibodies against intraery-throcytic protozoa with  
special reference to the genus theileria.  
pp 430-440, NTC 74-20077-06M

Hoffmann, G.

*Infection rates of various strains of Boophilus with Babesia Bigemina and the influence of host or parasite on the ticks.*

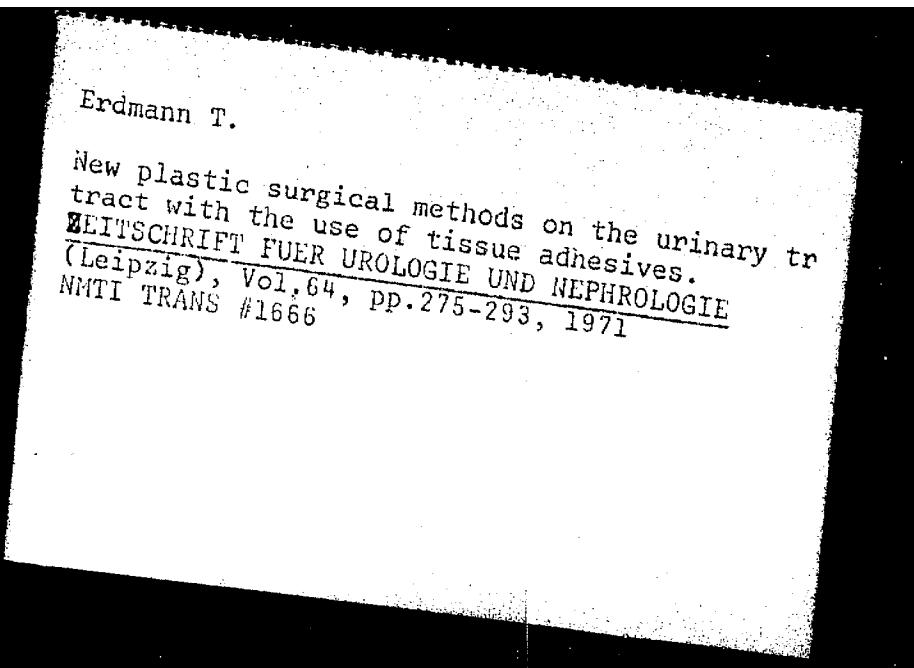
ZEITSCHRIFT FUER TROPENMEDIZIN UND PARASITOLOGIE, Vol 22,  
No 3, 1971, pp 270-284  
CSIRO-Trans-11376  
NTC 73-13903-06C

Rumberg, E.

*Decomposition products and smoke production during  
fire-exposure of plastics.*

*VEREIN DEUTSCHER INGENIEURE, ZEITSCHRIFT, Vol 113, No 1,  
1971, pp 20-24*

NTC 73-13608-11I



H. J. Baumler

Corrosion of thermally highly loaded  
heating surfaces at the water-stream side.  
VEREIN DEUTSCHER INGENIEURE. ZEITSCHRIFT.  
Vol 113, pp 859-864, 1971  
NTC 72-15313-11F

mar 73

Cube, J.-L. von

Refrigeration technology. Part 1.

VEREIN DEUTSCHER INGENIEURE, ZEITSCHRIFT (VDI-Z,  
ZEITSCHRIFT FUER DIE GESAMTE TECHNIK), Vol 114, 1972,  
pp 423-453

NTC 73-14175-13A On Loan Service charge

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P.O. #: MIPR NO. A3166Z-46-7187 9220/2257  
Title: Application of Process Computers in Industry 30 Sept 74  
Author: H. Schmittger  
Source: VDI - Zeitschrift 115, No. 2, 153-168 (1973)  
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EINSATZ VON PROZESSRECHNERN IN DER INDUSTRIE

Hach, J.P.  
Radio Navigation  
ZEITSCHRIFT VEREIN DEUTSCHER INGENIEURE(VDI-Z)  
20 pp  
Vol 115, No 3, 1973 pp 214-219

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92.26/1418  
1974

Title: Optimisation of Processing Conditions.

Author: Geyer, von Hermann.

Source: Verein Deutscher Ingenieure Zeit.  
V. 115, No. 4, pp. 318-24 (March 1973)

Language: German

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ready copy.

UncI (ORNL-tr--2661) Distribution and localization of induced breaks on the chromosomes of *bellevalia*. I.  
Methylphenylnitrosamine, diethylsulfate,  
methylmethanesulfonate. Glaess, E.; Marquardt, H.  
Translated from Z. Vererb.; 98: 167-179(1966). 16p.  
Dep. NTIS\$3.00.

06 biomed; translations  
MN-48 P NSA

frc

Unc1 (DRNL-tr--2660) Distribution and localization of induced breaks on the chromosomes of *Bellevalia*. II. N nitroso-N-methylurethane and N-nitroso-N-ethylurethane.  
Glaess, E.; Marquardt, H. Translated from *Z. Vererb.*; 98: 363-374(1966). 14p. Dep. NTIS.

06 biomed; translations  
MN-48 P NSA

The Scour Hole Below the Kariba Dam by E. Haeusler,  
ZEITSCHRIFT FUER VERFAHRENS TECHNIK UND BAUAUSFUEHRUNG  
October 1972, pp 953-962

Translated for Bureau of Reclamation  
9820-364C (S?)  
X-7730 36 pages

July 1973

Danneel, R.

The toxic effect of rotenone and its derivatives on fish.  
Part 2. The point of attack of the poisons.  
ZEITSCHRIFT FUER VERGLEICHENDE PHYSIOLOGIE, Vol 18,  
1933, pp 524-535  
NTC 73-22227-06C

Mail on loan - WALES, Frank L.C.

Danneel, Rolf 1933  
The toxic effect of rotenone and its derivatives on fish  
II. The point of attack of the poisons  
Zeitschrift für vergleichende Physiologie, 10: 524-535.  
In German.

Transl. by Robert M. Howland for BSF&W, 1972, 12p., typescript.

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13 JULY 1973

Title: The effect of temperature on the mechanoreceptors of the bony fish Labeo/leucos guttulus L.  
Author: Manfred Spahl  
Source: Zeitschrift fur vergleichende Physiologie  
56: 451-462. (1967)  
Language: German  
Special Instructions: Translate text and captions,  
copy, cut out, and paste in figures.

Spath, Manfred

1967

The effect of temperature on the mechanoreceptors of the bony fish Leuciscus rutilus L. (Die Wirkung der Temperatur auf die Mechanorezeptoren des Knochenfisches Leuciscus rutilus L.)

Zeitschrift für vergleichende Physiologie, 56: 431-462.  
in German.

Transl. by JPR3 for NMFS, Oct. 1973, 31p., typescript.

Avail. on Loan - NMFS, Wash., D.C.

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