

Tooth Bending and Appropriate Tip Relief and Root
Filletts, 3 pp. ^{UNCLASSIFIED} *by G. Dietrich*

Vol LXXXII,
GERMAN, per, VDI-Zeitschrift, ~~1949~~, No 32,
12 Aug 1949, p 938.

Navy Tr 1086/ONI 1288

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Dec 54 CTS/DEX

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Surface Currents in the Kattegat, in the Sund,
and in Belt Sea, by Gunter Dietrich. UNCLASSIFIED

MEERMAN, par, Deutsche Hydrographische Z.,
Vol IV, No 4/5/6, 1951, pp 129-149.

Navy Tr 1146/EO 243

SLA/TR 307

Scientific - Geophysics May 55 CTS/DEX

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General Oceanography, by Gunter Dietrich,
588 pp.

GERMAN, bk.

WILEY
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Sci - Earth Sci & Astron
Dec 63

A Direct Quantitative Determination of
Small Quantities of Arsenic in the Presence
of Mercury, by J. Gangl and H. Dietrich,
12 pp.

GERMAN, per, Mikrochemie, Vol XIII, No 2,
3, new series, 1936, pp 253-261.

SIA 57-3234

Sci

Aug 58

72,071

Use of Electronic Computers for the Invest-
igations of the Conditions of Serially
Polluted Water Courses and Economical
Measures for Keeping them Clean,
by H. Dietrich.

GERMAN, per, Gas und Wasserfach, No 74,
1962, pp 896-902.

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Sci-Biol

May 65

Dietrich, Isolde and Honrath-Berthausen, Marlene.
FORMATION ON ELECTRIC CONTACTS OF RESISTANCE-INCREASING LAYERS OF ORGANIC ORIGIN (Zur Bildung Widerstandserhöhender Beläge Organischen Ursprungs auf Elektrischen Kontakten). [1963] [18]p. (foreign text included) 3 refs.
Order from SLA \$1.60

63-16308

I. Dietrich, I.
II. Honrath-Berthausen, M.

Trans. of Zeit[schrift] für Angewandte Physik (West Germany) 1959, v. 11, no. 10, p. 399-403.

DESCRIPTORS: *Films, Resistance (Electrical), *Organic compounds, Organic coatings, Naphthalenes, *Electric switches, Sliding contacts, Electric currents, Electric discharges, Tracer studies, Vapors, Copper, Gold, Gold alloys, Indium, Indium alloys, Iron alloys, Iridium, Nickel, Palladium, Platinum, Platinum alloys, Rhodium, Ruthenium, Silver, Silver alloys, Tungsten, Oxides, Adsorption, Measurement.

A242819

(Physics--Electricity, TT, v. 10, no. 3) (over)

Office of Technical Services

Dietrich, Isalde and Kerps, Dietrich.
MEASUREMENT OF SWITCHING TIME TO DE-
TERMINE THE CRITICAL CURRENT FOR THIN
SUPERCONDUCTIVE LAYERS. [1963] 13p 7refs
Order from SLA \$1. 60 TT-64-14631

Trans. of [Zeitschrift für Angewandte Physik] (West
Germany) 1962, v. 14, no. 12, p. 709-713. (Abstract
available)

DESCRIPTORS: *Cryogenics, *Superconductors,
Thickness, Electrical conductance, Transition
temperature, Electric currents.

The current induced transition from the superconductive
to the normal conductive condition is caused by wall
movement at the moment a normally conductive nucleus
appears. For thin layers of simple geometry, an
equation may be derived from the heat balance equation
(Physics--Electricity, TT, v. 11, no. 11) (over)

TT-64-14631

I. Dietrich, L.
II. Kerps, D.

00628

Office of Technical Services

Determination of the Reduction Potential of
Tetraazoles Compounds, by Jarchel, Dietrich,
Walter Mohle, 17 pp.

GERMAN, par, Ber d Deutsch Chem Gesellsch,
Vol LXXVII, No 8, 1944, pp 591-601.

HLH

Scientific - Chemistry

CTS/DEX

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(NY 4938)

Standardization in Agricultural Machines and
Tractor Construction, by K. Dietrich, D. Ruschel,
8 pp.

GERMAN, per, Technische Gemeinschaft, Vol VIII,
No 6, 1960, pp 201-204.

JPRS 7452

HEur - Germany

137,811

Econ

Jan 61

DIETRICH, K.
SCHEMITT, K.

Metallwirtschaft, 2 figures, 2 tables, 1500 words;
1938.

Photometric Determination of Molybdenum in Steel.

Brutcher Trans, Order No. 643 \$1.50

A-1671

SETTEE

(NY-3278).

Problems of Standardization in Agricultural Machinery
and Tractor Construction, by K. Dietrich, 11 pp.

GERMAN, per, Deutsche Agrartechnik, Vol IX, No 9,
Berlin, 1959, pp 389-391.

JPRS 2530

EEur - East Germany
Econ - Manufacturing, Agricultural Machinery
May 60

115,315

Liabilities of Banks Within the Framework of Letters of
Credits, by Miroslav Dietrich, 6 pp. UNCLASSIFIED

POLISH, no per, Handel Zagraniczny, Vol II, No 3,
Warsaw, Mar 1956, pp 20-23.

US JPRS/DC-L-342

EE - Poland
Econ - Foreign Trade
May 58

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Interpretation of Some Terms and Conditions of
Letter of Credit, by Miroslaw Dietrich, 20 pp.
UNCLASSIFIED

POLISH, no per, Handel Zagraniczny, Vol III, No 10,
Warsaw, 1957, pp 25-32.

US JPRS/DC-L-124

EE - Poland
Econ - Foreign Trade
Apr 58

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Collections on Documentary Basis in Exports to
Countries Outside Europe, by Miroslaw Dietrich,
8 pp. UNCLASSIFIED

POLISH, no per, Handel Zagranieczny, Vol III, No 5,
Warsaw, May 1957, pp 21-23.

US JPRS/DC-L-208

KE - Poland
Econ - Foreign Trade
May 58

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(2217-N)

Electric Power Distribution Problems During Peak
Load Periods, by W. Kretschmer, ~~pp 40~~ R. Dietrich
Schoepflin, 40 pp.

GERMANY, per, Energietechnik, Vol 8, No 10, Berlin,
1958, pp 434-448.

US JPRS 1822-N

EMur - Germany
Econ
Feb 59

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The Influence of Individual Stand Speeds on the
Continuous Rolling of Large-Section Stock, by
T. Dietrich.

GERMAN, per, Stahl und Eisen, Vol LXXXIII, Aug 29,
1963, pp 1107-1116.

BISI 3432

Sci - Engr
Disc 63

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153-536

Budget of the Polish People's Republic for 1960,
by Tadeusz Districh, 19 pp.

POLISH, per, Finance, Vol XI, No 2, 1960,
pp 1-13.

JPRS 7162

REur - Poland
Recon
Nov 60

153,536

(EX-4445)

Address to the General Conference of Accountants
on the State of the Economy, by Tadeusz Dietrich,
11 pp.

POLISH, per, Finance, Vol XI, No 4, 1960, pp 1-7.

JPRS 7197

EBur - Poland

Econ

Dec 60

134,492

61-10888

Dietrich, W.
DEVELOPMENT OF A CHARACTER-READING DE-
VICE FOR TYPEWRITTEN FIGURES. [1961] 8p.
(4 figs. omitted) 6 refs.
Order from SLA 51.10 61-10888

Trans. of unidentified rept. from Standard Elektrik
Lorenz, A. G., Stuttgart honoring Prof. Dr. Eng. W.
Bader on his 60th. Birthday [1959].

DESCRIPTORS: *Reading machines, *Printing,
*Typewriters.

A laboratory model of the character-reader has been in
industrial use for a year. It reads typewritten figures
according with a speed of 400 figures per second, which
corresponds to a transport speed of 1 m/s. The reading
speed can be still further increased. The recognition-
certainty, in the shop test, is better than $1:10^3$ for un-
recognized numerals. (Author)
(Research Methods--Communication Theory, TT,
v. 6, no. 1)

I. Dietrich, W.
II. Standard Elektrik Lorenz,
A.G. (West Germany)

Office of Technical Services

Chemical Studies of Tropical Woods IV.
Chemical Investigation of Teak Wood,
by W. Sandermann, Dietrichs.

GERMAN, per, Holzforschung, Vol XIII,
No 5, 1959, pp 137-148.

CSIRO 4875

Sci - Biol, Chem
Jul 62

204,937

Investigations on Termite-Proof Wood
Species, by W. Sandermann, H. Dietrichs.

GERMAN, per, Holz als Roh- und
Werkstoff, Vol XV, No 7, 1957, pp 281-
297.

CSIRO 3679

Sci - Chem

Feb 62''

186,570

Studies int the field of Wood-Preserving Chemistry.
Part VIII. Paper Chromatography and Analysis of
Wood Preservatives, by Hans Dietrichs, Wilhelm
Sandermann, 15 pp.

GERMAN, per, Holz als Roh- und Werkstoff, Vol XVI,
No 9, 1958, pp 340-346.

SLA 59-15361

Sci - Chemistry
Nov 59

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Importance of the Constituents of Wood
On Its Use, by H. H. Diétrichs, 8 pp.

FRENCH, per, Bois et Forêts des
Tropiques, No LXII, 1958, pp 41-45.

SLA 60-16480

Sci
Vol XV, No 5
Mar 62

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Studies in the Field of Wood-Preserving Chemistry.
Part VIII. Paper Chromatography and Analysis
of Wood Preservatives, by Hans Hermann Dietrich.
Wilhelm Sandermann, 15 pp.

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XVI, No 9, 1958, pp 340-346.

SLA 59-15361

Sci - Chem
Dec 59
Vol 2, No 4

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CINEMATICS APPLIED TO TEACHING RESEARCH, BY
ALFRED BIETZ, 9 PP.

GERMANY, PER, PNEUMOBIX, NO 1, 1962, PP 114-120.

JPRS 18349

SCI - MED

APR 63

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The Passivity of Nickel, by K. Schwabe, G. Datz,
13 p.

GERMANY, per, Zeit Elektrochem, 1958, Vol LXII,
No 6/7, pp 751-759.

ATS-23L330

Sci
Mar 60
Vol 2, No 11

109,560

Steel Foundations for Steam Turbines, by H. Dietz.

RUSSIAN, per Elektrizitatzwirtschaft, Vol LIX,
1960, pp 801-804.

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Sci-MLn/Mst
Jan 63

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The Transfer of Torques in Universal Joints, by
H. Dieter, 12 pl.

Unidentified memo,

SLA 59-17833

Sci
Mar 60
Vol 2, No 11

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Analisi Fenomenologica Della Fotoproduzione dei
Mesoni π , (Phenomenological Analysis of
Photoproduction of π -Mesons), by K. Dietz, G.
Hohler, A. Müllemann,

ITALIAN to FRENCH,

Reverse Trans
Sht:G:G:G:
CNR-7

Sci
25 Apr 61

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Experiments on Tail-wheel Shimmy, by O. Dietz,
H. Harling, (81 pp. Aug 2)

Erforschung der rickel 1370, Nov 25
GERMAN, per, ZWB Pb, 1940, pp 1-101.

*S.L.A. 2046
-mas'59*

NACA
Tr No 1376

Scientific - Aeronautics Mar 55 CTS

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Dietze, F.
AERODYNAMIC FORCES AND MOMENTS ACTING ON
THE DOUBLY HINGED HARMONICALLY OSCILLATING
PLATE (WING-FLAP TAB COMBINATION) (Zum Luft-
kraftgesetz der Harmonisch Schwingenden, Klackbaren
Platte (Flügel mit Ruder und Hilfsruder). [1963] [15p]
(foreign text included) Srefa
Order from SLA \$1.60

TT-63-20554

Trans. of Luftfahrtforschung (Germany) 1941, v. 18,
no. 4, p. 135-141. (Abstract available)

DESCRIPTORS: *Aerodynamic control surfaces, Aero-
dynamic configurations, Moments, Oscillators, Wings,
Flaps, Trim tabs, Rotation, Fluid flow,

The earlier formulas for the aerodynamic forces and
moments acting on the doubly hinged harmonically oscil-
lating plate in two-dimensional flow are modified so as
to apply to the case of aerodynamically balanced sur-
(Mechanics--Aerodynamics, TT, v. 11, no. 3) (over)

TT-63-20554

I. Dietze, F.
II. Title: Wing-Flap ...

1963 8 11

Office of Technical Services

Wing and Tail-Surface Oscillations, by H. Schngen,
L. Schwarz, F. Dietze

GERMAN, Lilienthal-Gesellschaft für Luftfahrts-
forschung, Vol CXXXV, 6-3 Mar 1941, pp 61-74.

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Scientific - Aeronautics
CIS/DK

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Remarks Concerning Aerodynamically Balanced Control Surfaces, by H. Söhngen. Aerodynamically Equivalent Systems for Various Forms of Control Surfaces Within the Scope of the Two-Dimensional Wing Theory, by L. ~~Schwarz~~ Schwarz. Comparative Calculations Concerning Aerodynamic Balance of Control Surfaces, by F. Dietze, ~~47~~ 47 pp.

GERMAN, ~~per~~, Lilienthal Gesellschaft für Luftfahrtforschung, Berlin, Report 135, pp 61 - 74, Aug 1951. 6

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Sci - Aeronautics

A-1672 *dep TCYS*

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Polarisation of Diffuse Sky Radiation During
Twilight as an Indicator of an Invasion of Cosmic
Dust, by G. Diets, 11 pp.
RUSSIAN, per, Trudy Vostochno Kachestvo Meteorologi-
cheskogo Sostoyaniya, Trudy, Vol 6, 1963,
pp 98-101. P100116238-4
PTD-12-65-44

G. Lutz
Sci/Phys
Jul 68

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Measurement of Skylight Polarization According
to a Photoelectric Quotient Process, by
Gerhard Dietze, 12 pp,

GERMAN, per, Zeitschrift fuer Meteorologie,
Vol XII, No 11/12, 1959, pp 344-352.

USASIA SC-92/59

Sci - Electronics

Mar 60

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A. Investigations of the Physics of the Layer of Atmosphere Near the Surface of the Earth, by M. P. Minkofejew; B. The Importance of the Artificial Earth Satellites for Atmospheric Optical Research, by G. Dietze, 19 pp.

GERMANY, per, Z fuer Meteorologie, No 3, 1958,
pp 65-85.

ACSI, H-3364

Sci - Geophys

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Feb 61

Interpretation of the Magnetic After-Effect at
High Temperatures in Iron-Silicon Alloys (Transformer
Sheet), by H. D. Dietze, 66 pp.

GERMAN, per, Tech Mitt Krupp, Vol XVII, No 2, 1959,
pp 1-15.

AEC NP Tr-739

Sci - Chem
Feb 62

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62-18107

Dietzel, A.

FIELD STRENGTHS OF CATIONS AND THEIR RELATIONS TO DEVITRIFICATION PHENOMENA, TO FORMATION OF COMPOUNDS, AND TO MELTING POINTS OF SILICATES (Die Kationenfeldstärken und ihre Beziehungen zu Entglasungsvorgängen, zur Verhinderungsbildung und zu den Schmelzpunkten von Silicaten) [1962] [43]p. (foreign text included) 21 refs. Order from SLA \$4.60

62-18107

Trans. of Zeitschrift für Elektrochemie (Germany) 1962, v. 48, no. 1, p. 9-23.

DESCRIPTORS: *Silicates, Melting, *Glass, *Borates, Oxides, *Phosphates, Separation, Liquids, Phase studies, Chemical reactions, Crystal structure, Stability, Calorimetry, Electrolysis, *Silicon compounds, Crystallization.

(Chemistry--Physical, TT, v. 9, no. 3)

I. Dietzel, A.

C227547

Office of Technical Services

62-10002

Dietzel, A.
STRUCTURAL CHEMISTRY OF GLASS. 21 May 45,
22p. (7 figs. 1 table omitted) 37 refs.
Order from SLA \$2.60

62-10002

I. Dietzel, A.

Trans. of [die] Naturwissenschaften (Germany) 1941,
v. 29, p. 537-547.

DESCRIPTORS: *Glass, Crystal structure, Lattices,
Stability, Chemistry

(Materials-Chemical, TT, v. 7, no. 8)

Office of Technical Service

On the Structure of Quartz Glass,
by F. Oberlin, A. Dietzel.
GEMMOL, ger. Glashüttenische Berichte,
Vol. 30, No. 4, 1977, pp 37-42.
RLA II-66-10676

A. Dietzel

Bel-MNH
Jul 66

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A Fixed Point of the Viscosity in the
Processing Region of Glasses. Rapid
Determination of the Viscosity-Temper-
ature Course, by A. Dietzel, R. Brueckner.
GERMAN, per, Glastechnische Berichte,
Vol 30, No 3, 1957, pp. 73-9.
NTC 69-11728-11B

A. Dietzel

Sci-Mat
July 69

386,669

TT-64-14035

Dietzel, A. and Boncke, R.
EFFECT OF TITANIUM DIOXIDE ON THE COLORING
OF GLASS AND ITS STRUCTURE-THEORETICAL
INTERPRETATION (Wirkung von Titandioxyd auf die
Farbung von Gläsern und deren Strukturtheoretische
Deutung). [1963] f31p (foreign text included) 14refs
Order from SLA \$3.60 TT-64-14035

I. Dietzel, A.
II. Boncke, R.

Trans. of Glastechnische Berichte (Germany) 1941,
v. 19, no. 7, p. 217-225.

63438

(Materials--Ceramics, TT, v. 11, no. 12)

Office of Technical Services

About the Reaction of SnO_2 at High Tem- 157
peratures, and About a Few Systems with
 SnO_2 , by A. Dietzel, W. Peoh.
GERMAN, per, Radex Rundschau, No 1, 1960,
pp 56-61.
NTC 69-10905-20L

A. Dietzel CONTRACT

Sci-Phys
May 69

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Zirconium Oxide and Binary Systems With Zirconium Oxide, by A. Dietzel, H. Tober,

GERMAN, per, Ber Deut Keram Ges, Vol XXX, No 3, 1953, pp 47-61.

ATB 563-GJ

Sci - Chem

Aug 60

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Etudes Concernant le Dosage Entierement Automatique
de l'humidite des Sables et des Pates Ceramiques,
by E. Anrheim, A. Dietzel, et al., 16 pp.

GERMAN to FRENCH, per, Ber. dtsh. Keram. Gesellsch.,
Vol XXXVIII, No 7, 1960, pp 311-315. 9214337

CEA-A-1224
Reverse Translation

Sci
Nov 63

Zirconium Oxide and Binary Systems with Aluminum
Oxide, by A. Dietzel, H. Tober,

GERMAN, per, Ber Deut Keram Ges, Vol XXX, No 3,
1953, pp 71-82.

ATS 564-GJ

Sci - Chem

Aug 60

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Zirconium Oxide and Binary Systems With Zirconium
Oxide, by A. Dietzel, H. Tober, ~~12~~₂₆ p.

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No 4, pp 71-82.

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Sci
Jan 60
Vol 2, No 8

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Zirconium Oxide and Binary Systems With
Zirconium Oxide, by A. Dietzel, H. Tober,
32 p.

GERMAN, por, Deut Keram Ges Ber, 1953. Vol XXX,
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ATS- 22L31 G

Sci
Jan 60
Vol 2, No 3

105,508

The Rehydration of Metakaolin, by A. Dietzel,
B. Dhekne.

GERMAN, por, Berichte der Deutschen Keramischen
Gesellschaft, Vol XXXIV, No 11, 1957, pp 366-377.

CSIRO 4004

Sci - Chem
Aug 62

211.343

Recognition and Measurement of Anisotropic
Properties of in Opaque Materials of Low
Conductivity, by A. Dietzel and E. Deeg, 24
pp.

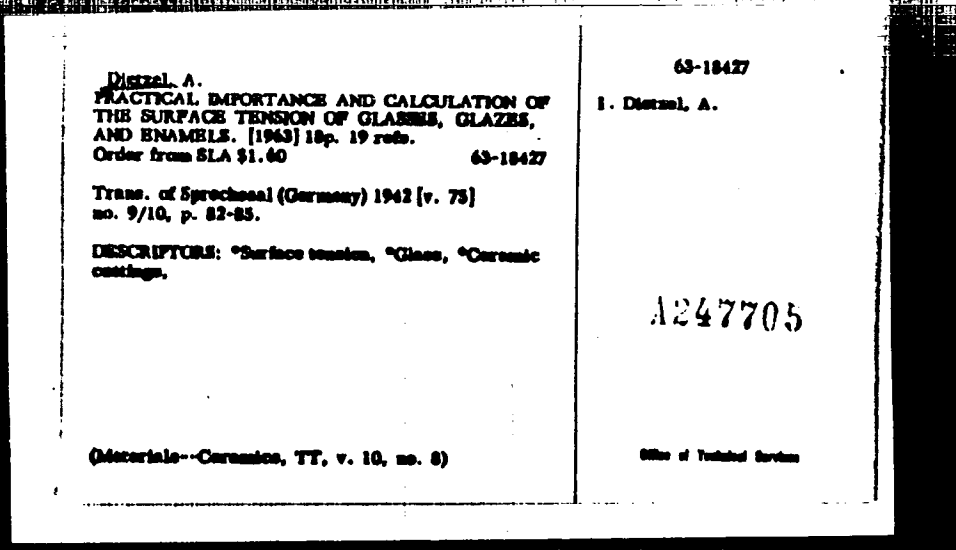
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GERMAN, Ber Deut Keram Ges, Vol XXXI, No 12,
1954, pp 396-401. (Loan Copy Only)

SLA 57-3003

Sci

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Aug 58



63-17860

Dietzel, A. and Coenen, M.
TRIVALENT COBALT IN GLASSES WITH HIGH
ALKALI CONTENT. [1963]. BGIRA/Ty/63/11;
no. 544.
Order from BGIRA

BGIRA-544

Trans. of Glasschimische Berichte (West Germany)
1961, v. 34, no. 2, p. 69-88.

DESCRIPTORS: *Cobalt, *Valence, *Glass, *Alkali
metal compounds, Alkali metals.

- I. Dietzel, A.
- II. Coenen, M.
- III. BGIRA/Ty/63/11
- IV. BGIRA-544
- V. British Glass Industry
Research Association

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(Materials—Ceramic, TT, v. 18, no. 6)

Office of Technical Services

Experiments With Supersonic Sound in the Testing
of Metal, Castings, and Ceramics, by A. Dietzel,
3 pp.

GERMAN, per, Ber Deut Keram Ges, Vol XXVIII, 1951,
pp 299-302.

AEC Tr 1779

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Scientific - Physics
CTS/DEK

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Phase Inversion of Various ZrO_2 Samples, by
I Hahn, A. Dietzel
GERMAN, ger, Deutsche Keramische Gesellschaft.
Vol 39, 1962, pp 489-494
CSIND/No. 7069

A. Dietzel

Sci -
Aug 67

335-693

TT-64-14035

Dietzel, A. and Boncke, R.
EFFECT OF TITANIUM DIOXIDE ON THE COLORING
OF GLASS AND ITS STRUCTURE-THEORETICAL
INTERPRETATION (Wirkung von Titandioxyd auf die
Färbung von Gläsern und deren Strukturtheoretische
Deutung). [1963] [31p] (foreign text included) 14 refs
Order from SLA \$3.60 TT-64-14035

I. Dietzel, A.
II. Boncke, R.

Trans. of Glastechnische Berichte (Germany) 1961,
v. 19, no. 7, p. 217-225.

1283438

(Materials--Ceramics, TT, v. 11, no. 12)

Office of Technical Services

On the Structure of Quartz Glass, by F. Oberliss,
A. Metzger,

GERMAN, per, Glastechnische Berichte, Vol XXI, No 2,
pp 37-42. 1957

C.S.I.R.O.

Sai

May 60

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Apparatus for the Automatic Recording of the Distribution of Anisotropy in Ceramic Bodies, by E. Deeg, A. Dietzel, E. M. Aurhein, 14 pp.

GERMAN, per, Berichte der Deutsch Kamm Ges, Vol XXXV, No 12, 1958, pp 391-398.

CIA/FDD XX-690

NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Physics
Nov 59

USIB INTERNAL USE ONLY

101, III

Insel, Adolph and Brijckner, Rolf.
CONSTRUCTION OF AN ABSOLUTE VISCOSIMETER
FOR HIGHER TEMPERATURES AND ITS CALIBRA-
TION BY MEASURING OF VISCOSITIES OF MOLTEN
BORIC ACID. 30p 26rafs
Order from SLA \$2.60

TT-64-16336

Trans. of Glacotechnische Berichte (West Germany)
1965, v. 28 [no. 12] p. 455-467.

TT-64-16336
I. Diesel, A.
II. Brijckner, R.

85271

Glacotechnische Berichte, TT, v. 12, no. 3)

Office of Technical Services

Dietzel, Adolf and Coenen, Matthias.
CONNECTION BETWEEN WETTABILITY BY GLASS
MELTS AND ELECTROCHEMICAL PROPERTIES OF
THE NOBLE METALS. Paper presented at Glass
Technical [meeting] (no. 32) Freudenstadt, 21 May 58.
[1960] 18 p. 20 refs.
Order from SLA ml\$2.40, ph\$3.30 61-10509

Trans. of Glastechnische Berichte (West Germany)
1959, v. 32, no. 9, p. 357-361.

Alloys of beryllium-platinum, gold-platinum and
platinum-rhodium were studied. The wettability was
measured by taking the angle of contact of molten
sodium-lime glass on sheets of platinum alloys.
Measurements were made of the anodic overvoltage in
1 N H₂SO₄, and the emf as O-electrode. The diffusion
of O-atoms appeared as the reason for the connection
between wettability and electrochemical properties.
(See also 60-16252)

(Chemistry--Physical, TT, v. 5, no. 9)

61-10509

1. Electrochemistry
 2. Diffusion--Theory
 3. Glass--Temperature factors
 4. Platinum alloys--
Temperature factors
- I. Dietzel, A.
 - II. Coenen, M.

Office of Technical Services

Dietzel, Adolph and Deeg, Emil.
A DYNAMIC MODEL OF GLASS STRUCTURE (Ein
Dynamisches Modell der Glasstruktur). (1962) [18]p.
(foreign text included) 8 refs.
Order from SLA \$1.60 62-18108

Trans. of Glastechn[ische] Berichte (West Germany)
1957, v. 30, no. 7, p. 282-287.

DESCRIPTORS: *Glass, Dynamics, Crystal structure,
Model tests, Tensile properties, *Fused materials,
Dioxides, Silicon compounds, Polarization, Ions, Me-
chanical properties, Stresses.

(Materials--Ceramics, TT, v. 9, no. 3)

62-18108

1. Title: Quenching
- I. Dietzel, A.
- II. Deeg, E.

C227548

Office of Technical Services

The Use of Linearly Polarised Microwaves
for Non-Destructive Testing of Materials,
by A. Dietzel, E. Deeg, E. H. Amrhein, 13 pp.

GERMAN, per, Elektronische Rundschau,
Vol XIII, No 4, 1959, pp 122-123.

SLA 60-16856

Sci
Vol IV, No 7
Apr 62

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On Temperature Dependence of Internal Damping,
Sound Velocity & Modulus of Elasticity, by A.
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GERMAN, per, Glat Ber, Vol XXVII, 1954, pp 105-116.

Language Sv Bu

Sci - Chem

Oct 60

129,648

New Rapid Method For Approximate Determination
of Alumina Content in Refractory Clay or Grog,
by A. Dietzel.

GERMAN, per, Ber Deut Keram Ges, Vol XXIV,
1943, pp 283-286.

Dept of Int,
Bur of Mines,
Electrotech Exper Sta,
Morris, Tenn

Sci - Chem, Engr
Nov 58

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Etudes Sur La Structure De Substances Poreuses.
(Studies on the Structure of Porous Substances),
by A. Dietzel, H. Saalfeld, 16 pp.

FRENCH from GERMAN, per, Ber Deut Keram Ges, Vol XXXIV,
1957, pp 363-366.

Reverse Translation
AEC/CEA-Tr-A493

Metallic Materials for Glass Manufacture and
Studies on Mould Castings, by F. Oberlies,
A. Dietzel, 13 pp.

GERMAN, per, Glastech Berichte, Vol XXIV, 1951,
pp 790102.

SLA Tr 57-730

Sci - Engr

53,182

Sep 57

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DESCRIPTORS: Printing, *Pictures, Reproduction,
*Photographic paper, *Photoconductive film, Infrared
radiation, Sensitivity, Ultraviolet radiation

A method is described for making the copy of a graphic
original on a copying sheet sensitive to radiation, con-
taining a diazo compound and a binding composition and
being capable to being converted into a stable visible
state upon exposure to ammonia, said sheet containing
also a developing composition capable of emitting
(Materials--Photographic, TT, v. 8, no. 7) (over)

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