

Photo-Sensitive Glass Conclusion, by F. Reinhart.

GERMAN, per, Glas-Email Keramo-Technik, Vol VII, Jan
1956, pp 208-210.

ASLIB-GB105

Sci

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New Refractory Materials, by F. Reinhardt.

GEMMAN, per, Glas-Email-Keramo-
Technik, Vol IX, No 9, 1958, pp 327-329.

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Sci - Phys
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203, 456

Ferrites, by F. Reinhart, 7 pp.

GERMAN, per, Sprechsoal fur Ceramic-Glas-Email,
Vol LXXXVII, 1954, pp 416-417, 451-453.

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Reinhart, Hans.
GRINDING OF HARD METALS (CARBIDES) WITH
DIAMOND GRINDING WHEELS. [1962] 13p. (figs.
omitted) 4 refs.
Order from SLA \$1.60

62-16840

Trans. of Werkstatt und Betrieb (West Germany):
1961, v. 94, no. 8, p. 529-533.

DESCRIPTORS: *Carbides, Metals, *Grinders,
*Diamond wheels.

Diamond grinding wheels bonded with bronze were
advantageously sharpened with ceramic bonded
carborundum honing stones. A requirement was
recognized that the grains of the hone must be some-
what coarser than those of the diamond used in the
apparatus. The rule of thumb for figuring the grain
number of the hone in the usual diamond designations
of the German Language according to DIN848 (aver-
(Machinery, Fabrications and Accessory Equipment,
TT, v. 8, no. 9)

(over)

62-16840

1. Reinhart, H.

C826024

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The Retardation Curves of Rotating Machines and
Their Evaluation, by Fritz Reinhardt.

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1936, pp 297-301.

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Sci - Engr
Sep 60

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Innovations for Improving the Regularity of
Laps on Seutehars and La Machines, by
G. Reinhardt.

GERMAN, per, Melland Textilberichte,
No 6, 1955, pp 624-626.

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Jun 62

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On the Densest Lattice Packing of Congruent
Regions in a Plane and a Special Kind of Convex
Curve, by K. Reinhardt. 109

GERMAN, per, Abh. aus dem Math. Seminar der
Hamburgischen Univ., Vol 10, 1934, pp 216-230.

Navy APL/JHU T-1977

tr 5184

K. Reinhardt

Sci/Mathematical
Mar 67

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A Comparison of the Sensitivities of
Different Methods of Measurements for Radio
Carbon, by M. Reinharz, G. Rohringer, E.
Broda, 4 pp.

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No 3, 1954, pp 285-288.

A.E.R.E. Harwell No 458

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Production of Lubricants From Solid
Paraffin Hydrocarbons of the Fischer-Tropsch
Synthesis (Normal-Pressure Synthesis)
Using Their Olefin-Rich Cracking Distil-
lates, by Herbert Koch, HE Reinhold,
22 pp.

GERMAN, per, Brennstoff-Chemie,
Vol XXI, No 15, 1954, pp 169-177.

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Jun 62

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WEST GERM: OBSERVATIONS ON EAST GERMAN
STATISTICS, BY ALFRED REINHOLD, 13 PP.
GERMAN, PER, SEE ARCHV, VOL XIII, NO 21,
PP 322-326.

JPRS 17542

EUR - GERMANY
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FEB 63

221,561

Soil Cement in Germany, by F. Reinhold, 7 pp.

Full translation.

GERMAN, book, Beobachtungen an Betonfahrbahndecken,
Kirschbaum Verlag, 1952, pp 73-75.

S.L.A.

Scientific - Engineering

Aug 55

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Contribution to Congenital Neck Torture
Formation and Development of the Cervical
Spinal Column, by H. Reinhold, R. Sauerberg,
8pp

CHIRURG, par, ~~Entwicklungsstörungen~~, Vol 92,
1959, No 5, pp 643-648
SLA TT-65-10106

H Reinhold

Sci - Biol
June 67

326,855

Reinhold, H. and Mohring, H.
CONDUCTION OF ELECTRICITY AND DIFFUSION
IN SEMIMETALLIC ALLOYS. I. $\text{Cu}_2\text{-xSe}$. [1962] 12p.
(figs. omitted) 33 refs.
Order from SLA \$1.60

62-20246

Trans. of Z[eitschrift für] Physik[allische] Chem[ie,
Leipzig] (Germany) 1937, v. 38B, p. 221-244.

DESCRIPTORS: *Electrical conductance, *Diffusion,
Alloys, *Copper alloys, *Selenium alloys, *Semicon-
ductors, Thermoelectricity

(Physics--Solid State, TT, v. 10, no. 1)

62-20246

I. Reinhold, H.
II. Mohring, H.
III. Title: $\text{Cu}_2\text{-xSe}$

62-20246

Office of Technical Services

Reinhold, H., Rood, M. de, and Kenis, Y.
COMBINED EFFETS ON ANGIOTENSIN AND CYCLO-
PROPANE ON HEART RHYTHM (Effets Combines de
l'angiotensine et du Cyclopropane sur le Rythme
Cardiaque). Paper presented at the World Congress of
Anesthetists (no. 2) Toronto, 4-10 Sep 60. [1962]
14p. 23 refs.
Order from SLA \$1.60

62-16114

Trans. of Acta Anaesth[esiologica] Belg[ica] 1960, v. 11
[no. 2] p. 163-176.

DESCRIPTORS: *Vasomotor drugs, Epinephrine,
*Anesthesia, Blood pressure, *Heart, *Rhythm,
*Hypertension, *Propanes.

Sixty hypertensive tests were conducted on 12 dogs
anesthetized with cyclopropane, with equipotent doses
of these two vasopressor substances. Examination of
the electrocardiographic tracings has demonstrated
(Biological Sciences--Pharmacology, TT, v. 9, no. 3)
(over)

62-16114

I. Reinhold, H.
II. Rood, M. de
III. Kenis, Y.
IV. Title: World ...

C227517

Office of Technical Services

Reinhold, H. and Branninger, Helmut.
ELECTRICAL CONDUCTIVITY AND DIFFUSION IN
SEMIMETALLIC ALLOYS. III. Cu_{2-x}Te . [1962] 18p.
(figs. omitted) 11 refs.
Order from SLA \$1.60 62-20248

Trans. of Zeitschrift für Physik[allische] Chem[ie,
Leipzig] (Germany) 1938, v. 41B, p. 397-426.

DESCRIPTORS: *Copper alloys, *Tellurium alloys,
*Semiconductors, *Electrical conductance, *Diffusion,
Thermoelectricity.

The specific conductivities of the semimetallic alloys
of the compositions $\text{Cu}_{1.95}\text{Te}$, $\text{Cu}_{1.87}\text{Te}$, $\text{Cu}_{1.80}\text{Te}$
and $\text{Cu}_{1.71}\text{Te}$ were measured in the temperature range
from -400° to -180°C in dependence on the prelimi-
nary thermal treatment of the alloys. They are of the
order of magnitude of 10^3 to $10^4 \text{ ohm}^{-1} \text{ cm}^{-1}$. The
thermoelectric powers of the cells: Pt Cu_{2-x}Te were
(Physics--Solid State, TT, v. 9, no. 8) (over)

62-20248

I. Reinhold, H.
II. Branninger, H.
III. Title: Cu_{2-x}Te

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Office of Technical Services

Reinhold, H., Rood, M. de, and Kenis, Y.
COMBINED EFFETS ON ANGIOTENSIN AND CYCLO-
PROPANE ON HEART RHYTHM (Effets Combines de
l'angiotensine et du Cyclopropane sur le Rythme
Cardiaque). Paper presented at the World Congress of
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14p. 23 refs.

Order from SLA \$1.60

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Trans. of Acta Anaesth[esiologica] Belg[ica] 1960, v. 11
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Trans. of Acta Anaesth[esiologica] Belg[ica] 1960, v. 11
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Office of Technical Services

Reinhold, H. and Branninger, Helmut.
ELECTRICAL CONDUCTIVITY AND DIFFUSION IN
SEMIMETALLIC ALLOYS. III. Cu_{2-x}Te . [1962] 18p.
(figs. omitted) 11 refs.
Order from SLA \$1.60

62-20248

Trans. of Zeitschrift für Physik[alische] Chem[ie],
Leipzig [Germany] 1938, v. 41B, p. 397-426.

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*Semiconductors, *Electrical conductance, *Diffusion,
Thermoelectricity.

The specific conductivities of the semimetallic alloys
of the compositions $\text{Cu}_{1.95}\text{Te}$, $\text{Cu}_{1.87}\text{Te}$, $\text{Cu}_{1.80}\text{Te}$
and $\text{Cu}_{1.71}\text{Te}$ were measured in the temperature range
from -400° to -180°C in dependence on the prelimi-
nary thermal treatment of the alloys. They are of the
order of magnitude of 10^3 to $10^4 \text{ ohm}^{-1} \text{ cm}^{-1}$. The
thermoelectric powers of the cells: Pt Cu_{2-x}Te were
(Physics--Solid State, TT, v. 9, no. 8) (over)

62-20248

I. Reinhold, H.
II. Branninger, H.
III. Title: Cu_{2-x}Te

4256637

Office of Technical Services

measured in the temperature range from 100° to -150°C in dependence on the preliminary thermal treatment of the alloys. The constants of propagation diffusion were measured in the region of the three enantiotropic phases of the alloy. The order of magnitude amounted to 10^{-2} to $1\text{ cm}^2\text{ day}^{-1}$. The electrolytic transport numbers of the alloys of the compositions $\text{Cu}_{1.85}\text{Te}$ and $\text{Cu}_{1.77}\text{Te}$ were determined at 410°C ($\alpha\text{-Cu}_{2-x}\text{Te}$) and at 335°C ($\beta\text{-Cu}_{2-x}\text{Te}$). They are of the order of magnitude of 10^{-4} . The existence of predominating defect conductivity of electrons and Cu^{+} ions was concluded from the results. (Author)

PB-

62-20248

Reinhold, H. and Seidel, H.
CONDUCTION OF ELECTRICITY AND DIFFUSION IN
SEMIMETALLIC ALLOYS. II. $\text{Cu}_2\text{-xSe}$. [1962] 18p.
(figs. omitted) 25 refs.
Order from SLA \$1.60

62-20247

Trans. of Zeitschrift für Physik[alische] Chemie,
Leipzig [Germany] 1937, v. 38B, p. 245-269.

DESCRIPTORS: *Copper alloys, *Selenium alloys,
*Semiconductors, *Electrical conductance, *Diffusion,
Thermoelectricity.

(See also 62-20246)

(Physics--Solid State, TT, v. 9, no. 8)

62-20247

I. Reinhold, H.
II. Seidel, H.
III. Title: $\text{Cu}_2\text{-xSe}$

62-20247
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Reinhold, H. and Schmitt, Karl.
CONDUCTION OF ELECTRICITY AND DIFFUSION
IN SEMIMETALLIC ALLOYS. IV. ELECTRICAL
CONDUCTIVITY AND THERMOELECTRIC POWER
OF α -SILVER SULFIDE. [1962] 21p. (figs. omitted)
22 refs.
Order from SLA \$2.60

62-20458

Trans. of Zeitschrift für Physik[alische] Chemie,
Leipzig (Germany) 1939, v. 44B, p. 75-97.

DESCRIPTORS: *Sulfides, *Silver compounds,
*Thermoelectricity, *Electrical conductance, *Semi-
conductors, *Diffusion.

(See also 62-20248)

(Physics--Solid State, TT, v. 9, no. 8)

62-20458

I. Reinhold, H.
II. Schmitt, K.
III. Title: Electrical ...

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Rate of Formation and Electrical Conductivity
of γ -Silver Sulfide. A Contribution to the
Understanding of the Tarnishing Process, by H.
Reinhold, Hans Mohring, 14 pp.

GERMAN, per, Z fuer Physikalische Chemie, ~~Vol~~
Vol XXVIII B, 1935, pp 178-183. 9097890

AEC UCL Tr-756(L)

Sci - Phys, Chem
Apr 62

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Some Problems on Testing Scale Formed in Differently
Fired Furnaces, by M. Reinhold.

HUNGARIAN, per, Kohaszati Lapok, Vol XIV, Aug 1959,
pp 381-383.

BISI 2041

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Sci - Engr

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Book Review of the New Textbook, Rundamentals of
Marxism-Leninism, by Otto Reinhold.

GERMAN, np, Neues Weg, Issue 7, 26 Apr 1960.

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Cutting Ceramics for the Manufacture of Machine
Tools, by R. Reinhold, pp 27.

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Vol X, No 11, Nov 1960, pp 679-683, 695.

JPRS 7948

EEur- German

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Apr 61

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The Behavior of Atmospheric-electric Values
During Precipitation at Different Altitudes, From
a Synoptic Point of View, by Reinhold Reiter, 49 pp.

GERMAN, per, Met Rundschau, Vol X, No 2, 1957,
pp 63-75.

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AF Cambridge Res Center

Eci - Geophys

Jan 60

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The Mechanism of Sedimentation on Tidal Flats, by
Th. Reinhold.

DUTCH, per, Mededel Geol Sticht (N.S.), No 3,
1948-1949, pp 75-80.

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Sci

May 59

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Reinicke, Albrecht.
THE PROBLEM OF THREAD CLEANING. [1961] 6p.
(5 figs. omitted).
Available on loan from SLA

61-14555

Trans. of Textil- und Faserstofftechnik (Germany)
1954, v. 4, no. 11, p. 641-642.

(Materials--Textiles, TT, v. 5, no. 12)

61-14555

1. Threads--Cleaning
2. Threads--Production
1. Reinicke, A.

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Presence in France of Human Infections of the
Coxsackie Group (Virus C). Isolation of the Virus,
by P. Lepine, S. Thieffry, L. Reinie, V. Sautter,
Mme. Martin, 6 pp.

^{AN}
Full translation.

FRENCH, per, Ann Inst Pasteur, Vol LXXX, 1951,
pp 200-203.

CIA/FDD/X-722

WE - France
Scientific - Medicine, Coxsackie Group, Virus

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Oct 52 CEX/DEX

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Sprayed Metal Coatings Improved by Impregnation,
by H. Reininger.
GERMAN, per. Metall-Behandlung Vorrichtung.
Vol 18, No 8, Mar 1954, pp 48-52.
HB 6362

H. Reininger

EE-German
Sci/66M
May 65

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On Disturbances of Eye Development in Rat
Embryos by Oxygen Deficiency in Early Pregnancy,
by A. Werthemann, M. Reiniger, 31 pp.

GERMAN, per, Acta Anat, Vol XI, 1950, pp 329-347.

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NIH 8-35

Sci - Med
Sep 59

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Flame Spraying of Metals, by H. Reininger. 4/62

GERMAN, per, Metallwissenschaft und Technik, Vol XIV,
No 2, 1960, pp 115-125.

JPRS/DC-8214

Sci - Engr. - Min/Met

Nov 62

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Testing and Evaluation of Binders for Foundry Sands,
by Reininger *HH*

GERMAN, per, Giesserei-Praxis, Vol LXXV, 25 Apr 1957,
pp 176-181.

Sci - Engr
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Intro. by Reininger
~~Comp. Engr. Tr~~ 704
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57,764
SIH 61-16223

Corrosion-Protection by Sprayed-on Metal-
Coatings, by Hans Reiningger, Prof. Schindler, 5 pp
CHRON, par, ~~Handbuche der Korrosion~~, Vol 4,
1953, No 5, pp 156-172
SLA TR-64-20505
SLA TR-62-18248, 26 pp

Hans Reiningger

Sci - Metals
June 67

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Cold Sprayed Powder Coating, by H. Reininger,
9 pp.

GERMAN, per, Deut Farben Zeit, Vol XII,
No 11, 1958, pp 437-442.

OTS 60-16573

Sci

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Vol 4, No 4

Reininger, H.

CORROSION PROTECTION BY SPRAYED-ON METALLIC COATINGS. [1962] 26p. (figs. tables refs. omitted).

Order from SLA \$2.60

62-18248

Trans. of Werkstoffe und Korrosion (West Germany) 1953, v. 4, p. 156-172.

DESCRIPTORS: *Corrosion inhibition, *Metal coatings, Surface properties, Paint sprayers, Adhesion.

(Metallurgy--Corrosion, TT, v. 9, no. 4)

62-18248

I. Reininger, H.

C227725

Office of Technical Services

Reininger, H.
POWDERED COLDSpray PROCESS, (1962), 10p.
(figs. tables omitted) 9 refs.
Order from CLA \$1.10 62-16541

Trans. of Werkstoffe und Korrosion (West Germany)
1956, v. 7, no. 8/9, p. 433-440.

DESCRIPTORS: *Coatings, Powders, Sprays, *Paint
sprayers, Spray nozzles. *Corrosion inhibition.

A two-nozzled cold spraying gun is described by means
of which it is possible to spray suitable metallic and
non-metallic powder and any mixtures, both together
with a binding agent under six atmospheres in order to
make protective coatings. Smooth metallic surfaces
must be previously rendered rough by sanding, and zinc
spraying of 0.05 to 0.1mm thickness layers has proved
to be suitable as an intermediary layer. (Author)
(Metallurgy--Corrosion, TT, v. 9, no. 3)

62-16541

I. Reininger, H.

C227534

Office of Technical Services

Measuring of Metallized Coat Thickness in the
Workshop, by H. Reininger, 6 pp.

GERMAN, par, Metalloberfläche, Vol VIII, No 4,
1954, pp 55-61.

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Sci

Jul 58

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REININGER, H.

Sprayed-Metal Coating According to Cauchetier Process. MET

METALLOBERFLACHE, vol 4, 1950, No 8, pp A119-A121;
2200 words.

Brutcher No 2577, \$ 4.40

A 9801

N-10/66

The Importance of Echos From the Sporadic
E-Layer in Pulsed Transmission Over 1,700
Kilometers (Athens to Breisach), by
Bodo Reinisch, (SF-3910)
GERMAN, per, A. E. Ue, Vol XIX, No 7, 1965,
pp 361-366.
*JPRS

Sci
Oct 65

Method to Determine Optimum Correction Factors for
Linear Single- Loop Control Circuit, by Karl Reinisch,
16 pp.

CZECH, bk, Souhrn Praci o Automatizaci, Nakladatelstvi
Ceskoslovenske Akademie Ved, Praha, 1961, pp 19-34.
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Sci-Electronics

Sep 63

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Trend of Developments in German Structural
Steelwork, by F. Reinitzhuber.

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Vol XX, No 1, 1961, pp 29-38.

BIBI 2584

WEur - Germany

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Reinius, Erling.

A THEORY OF THE DEFORMATION AND THE
FAILURE OF CONCRETE [1961] 31p. 10 refs.
Order from SLA \$3.60

61-18957

Trans. of Betong (Sweden) 1955, v. 40, no. 1,
p. 15-43.

DESCRIPTORS: *Concrete, Deformation, Failure
(Mechanics), Physical properties, Rupture, Theory,
Stresses.

A theory is proposed to explain the behaviour of con-
crete - the nature of rupture and crack formation, de-
formation in connection with rupture, the variation of
Poisson's ratio under an increasing load, the function
of reinforcement in the case of spiral reinforcement of
columns, etc.

(Materials, TT, v. 6, no. 12)

61-18957

I. Reinius, E.

Office of Technical Services

A Theory of the Deformation and the Failure of
Concrete, by Erling Reinius.

SWEDISH, per, Betong, Vol I, 1955, pp 31 pp.

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Sci - Engr
Sep 60

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On the Determination of Point of
Support in the Production of Shovel-
like Body by Path Controlled Mill, by
H. Clausen, P. Reinke.
GERMAN, per, Elektronische Daten-
verarbeitung, Vol 7, no 2, 1965,
pp. 73-80
NTC 69-10615-098

P. Reinke

Sci-Elem
July 69

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On the Origin and History of Turkish Red, by
Karl Reinking, Sabri Atayolu, 16 pp. UNCLASSIFIED

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1937, pp 382-384; 459-460. CIA D151100

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Scientific - Chemistry, Dye

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SLA 58-1059

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Reinkober, O.
MECHANICAL STRENGTH AND ELASTICITY OF
THIN QUARTZ FIBERS [PT. III]. [1961] 26p. (7 figs.
omitted) 27 refs.
Order from SLA mi\$2.70, ph\$4.80 61-10846

Trans. of Physikalische Zeitschrift (Germany) 1937,
v. 38, p. 112-122.

1. Quartz fibers--Elasticity
2. Quartz fibers--
Mechanical properties
1. Reinkober, O.

Office of Technical Services

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THE ELASTIC AND MECHANICAL PROPERTIES OF
THIN QUARTZ FIBRES, PT. II. [1961] 17p. (2 figs.
omitted) 7 refs.

Order from SLA mi\$2.40, ph\$3.30 61-10845

Trans. of Physikalische Zeitschrift (Germany) 1932,
v. 33, p. 32-38.

(Unannounced)

61-10845

1. Quartz fibers--Elasticity
2. Quartz fibers--
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1. Reinkober, O.

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Texture in the Ferrous Scale XI. A Study of Scales
Forming during Oxidation of Iron in Carbon
Dioxide, by V. I. Arkharov, V. P. Mar'evich, M.
Reinkol'd, M. I. Simonova, 3 pp.

RUSSIAN, per, Fiz Metal i Metall, Vol V, No 2,
1957, pp 251-254.

Pergamon Inst

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The Electrolytic Separation of Chromium From Aqueous
Chromic Acid Solutions Containing Foreign Ions, by
D. Reinkowski, C. A. Knorr, 14 pp.

GERMAN, per, Z. fur Elektrochem, Vol LVIII, No 9,
1954, pp 709-718.

ATB-68M41G

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Practical Experience in the Prophylaxis of Acute
Cardiac Standstill, by J. Reichmuller, 16 pp.

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pp 1659-1662.

SLA 59-10057

Sci - Med
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Alcohols From Olarins, by E. Reinmuth, 15 P.
GERMAN, per, Chemiker Zeitung, Vol LXXVI, No 11/12,
1952, pp 248-251.
SLA TT 66-10622

E. Reinmuth

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Sci-Chem
Jul 66

Determination of the Elastic Limit of Metals at Very
Low Temperatures, by N. M. Reznov, A. P. Smirnov, 3
3 pp.

RUSSIAN, per, Priboz; Tekh Eksp, No 1, 1960,
pp 128-130.

ISA

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Mar 61

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Temperature Dependence of Artirary Magnetization
in Ferrites Co-Zn, at Low Temperatures, by
N. M. Reinova, et al.

RUSSIAN, per, Radiotekhnika, Mar 1957.

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Sci - Chemistry
Jul 57

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Selective Transparency of Atmospheric Aerosols, by
S. F. Rodionov, E. M. Pavlova, N. M. Reinov, Ye. V.
Rdultovskaya, 19 pp.

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RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geog i Geofiz,
No 4, 1942, pp 135-147. CIA 56 3849

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Sci - Geophysics
dex/CTB Dec 1956

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The Temperature Dependence of the Spontaneous
Magnetization of Co-Zn Ferrites at Low Temperatures,
by N. M. Reinov, M. F. Stel'makh, 4 pp.

RUSSIAN, par, Radiotekh i Elektron, Vol II, No 3.
1957, pp 342-344.

Pergamon Inst

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Excitons in Cuprous Oxide Crystals, at the Temperature
of Liquid Helium (4.2°K), by Ye. F. Gross, B. P.
Zakharchenya, N. M. Reinov

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, Vol XCII,
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