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AEC-NP-Tr-1092

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NAVY/JHM/ATL SS SEC-1060

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APL/JHU TG 230-T260.
Order from OTS or SLA \$1.60

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Trans. of Zeitschrift fur Naturforschung (West
Germany) 1946, v. 1[a] p. 305-310.

DESCRIPTORS: Bessel functions, Decay schemes,
Electric discharges, Molecules, Energy, Dissociation,
*Gas ionization, Transport properties, *Electric arcs,
Ionic current, Electric currents, Theory, Heat trans-
fer coefficients.

The Elenbaas-Heller balance of energy of the arc col-
umn is advanced beyond the Rompe-Schulze contribution
(energy transport resulting from ionization of gas mole-
cules) by a new theory which takes into account energy
(Physics--Electricity, TT, v. 10, no. 9) (over)

1. Title: Elenbaas equation
- I. Hoecker, K. -H.
- II. Finkelnburg, W.
- III. APL/JHU TG 230-T260
- IV. Applied Physics Lab.,
Johns Hopkins U.,
Silver Spring, Md.
- V. Contract NOrd-7386

7-2-63

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pp 35-53.

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THE PRODUCTION OF SYNTHETIC TOBACCO
LEAVES FROM TOBACCO WASTE [1963] 23p. (figs.
tables equations omitted).
Order from SLA \$2.60

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Trans. from unidentified mono. Karlsruhe, 1959.

DESCRIPTORS: *Tobacco, Production, Plants (Botany),
*Wastes (Industrial), *Pectins, *Cellulose, Foils,
Esters, Adhesives.

Experiments were conducted to regenerate a tobacco
leaf from tobacco scrap, which could be used as inner
wrapper in cigars. The binder to be used originates in
the tobacco itself. About 6% pectin was successfully
isolated from tobacco dust. The quantity of pectin iso-
lated from tobacco dust is not adequate to bind all the
extracted tobacco dust in one coherent firm foil. A
(Chemistry, TT, v. 10, no. 6) (over)

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1. Title: Leaves
1. Hoeger, K. J.

444460

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HLA-IT-06-1150.

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No 4, 1959, pp 129-136.

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SP 40 2 4517

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DESCRIPTORS: *Exhaust gases, *Oxidation, *At-
mospheric pollution, Waste gases, Hydrocarbons,
Combustion, Reduction, Catalysts.

(Engineering--Safety, TT, v. 9, no. 10)

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Prediction of the Bactericidal Effects of
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ACSI Y-9762
ID 2204006066

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THE METALLURGICAL BEHAVIOUR OF CHROME
ORES. [1959] [30]p. 8 refs.
Order from SLA \$2.60 61-18408

I. Hoenes, D.
II. Volkert, G.

Trans. of Archiv für das Eisenhüttenwesen (West
Germany) 1954 [v. 25, no. 1] p. 1-10.

DESCRIPTORS: Metallurgical analysis, *Ores, *Chro-
mium alloys, Processing, Refineries, Minerals, Slags,
Chemical reactions, Melting, *Iron compounds, Indus-
trial plants.

From investigations on various chrome ores and fur-
nace residues, a residue of "bottom fast" ores after the
pre-melting (a condition necessary for the most satis-
factory refining behaviour), can be expected from all
ore deliveries if they contain adequate amounts of dense
chromite, i. e., chromite which is not mixed with sili-
cates, especially serpentine. The presence of olivine
(Metallurgy--Ferrous Metals, TT, v. 6, no. 10) (over)

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pp 3-11. 9212027
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BKI 3893

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The Influence of Decholine on the Metabolism of
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SIA-TT-64-20037

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Hyperbilirubinemia Following the Administration
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NFC-71-10362-14B

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ELA 58-521

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T-0-64-59

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EEur - Soviet Bloc,
FE - China
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Econ - Manufacturing
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SLA 60-10937

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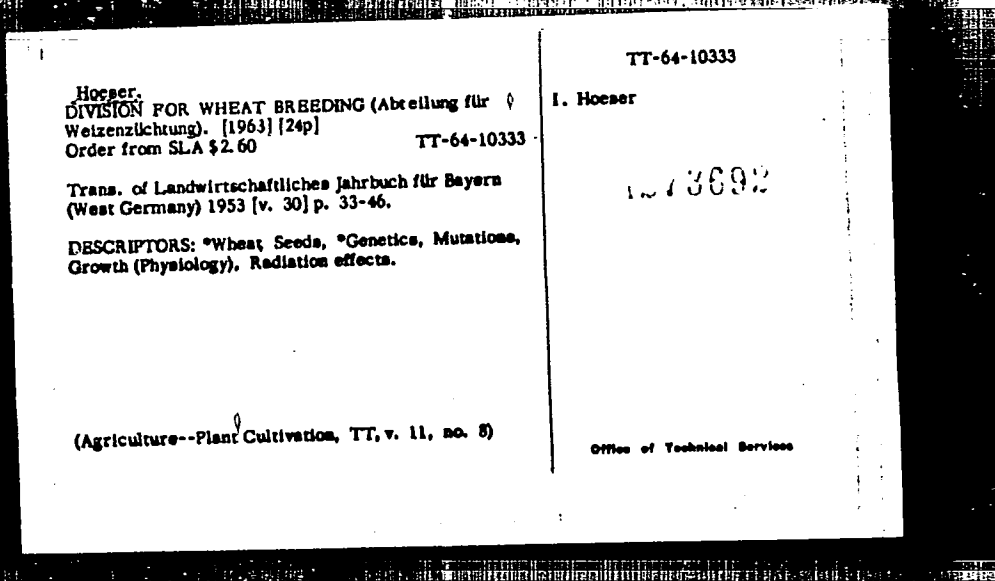
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FTD-TT-63-726

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Sci - Min/Met

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Trans. of Zeitschrift für Psychologie und Physiologie
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DESCRIPTORS: *Visual perception, Measurement.
*Eye, Anatomy, Determination, *Vision, Physiology.
*Optical illusions.

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62-16966

Hofbauer, Th. and Koch, K. M.
ON THE MECHANISM OF THE MAGNETIZATION
DISCONTINUITIES. Preliminary Communication.
[1962] 5p. (refs. figs. omitted).
Order from SLA \$1. 10

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Trans. of Zeits[chrift] f[ür] Physik (West Germany)
1951, v. 130, no. 4, p. 409-414.

DESCRIPTORS: Iron, Nickel, Wire, Magnetic fields,
Magnetic effects, Torque, Deformation, Electric
wire, *Magnetism.

It was found that in specimens with preferred direc-
tion of magnetization an auxiliary field at rather
high frequency promotes both the release and the
course of the magnetization discontinuities thus
causing - with given values of the main field - an
increase in value of the saturation magnetization
and of the remanence. (Author)
(Physics--Magnetism, TT. v. 8, no. 10)

I. Hofbauer, T.
II. Koch, K. M.

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DEVELOPMENT OF THE OXYGEN-CUTTING
MACHINE FROM THE SIMPLE DEVICE TO THE
MODERN MACHINE-TOOL. [1962] [24]p. 5 refs.
Order from SLA \$2.60 62-20059

Trans. from Mitt[eilungen] der B E F A (West Germany)
1952, no. 11.

DESCRIPTORS: *Oxygen, *Cutting torches, Machine
tools, Construction, Design, Cutting tools.

Mechanized oxygen-cutting provides quality surfaces
and makes it possible to obtain accurate shapes in
plate thicknesses of up to 100 mm and more. Thanks
to the peculiar nature of the oxygen-cutting process,
in which the oxygen jet acts as the cutting tool, even
heavy cuts are accomplished with great ease and the
(Machinery, Fabrications and Accessory Equipment,
TT, v. 9, no. 9) (over)

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Aids and Appliances for Flame-Cutting, by H. Hofe,
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GERMAN, part, Helvetica Chimica Acta, Vol XLV, No 5,
1962, pp 1413-1418.

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Improving the Running Properties of Travelling Cranes
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Handel, No 3, 1964, pp 24-26.
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Höfer, Karl-Heinz.

CONTRIBUTION TO THE QUESTION OF THE
STABILITY OF MASSIFS AT POTASH MINING.
[1963] [138]p. (figs. omitted) 62 refs.
Order from SLA \$10.50

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Trans. of Freiburger Forschungshefte. [Reihe] A.
[Bergbau] (West Germany) 1958, v. 100, 148p.

DESCRIPTORS: *Mining engineering, *Supports,
Stability, *Salts, Rock (Geology), Earth, Pressure,
*Rupture, *Deformation, Creep, Elasticity, Plasticity,
Geophysics, Potassium.

(Earth Sciences--Geology, TT, v. 10, no. 4)

63-16268

I. Höfer, K.-H.

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Observations on Fracture, by Karl-Heinz Hofer.

GERMAN, per, Beitrag zur Frage der Standfestigkeit
von Bergfesten im Kalibergbau, pp 28-37. 1962

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Sci - Med

Jan 63

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Research on Bromine, by J. D'Ans, P. Hofer, 8 p.

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Vol 2, No 8

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GERMAN, semino per, Stahl und Eisen, Vol LXXVII, 5 Sep 1957, pp 1215-1220.

Co-op Tr Sch Tr 695

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Jan 58

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Skin and Cancer and Intracutaneous Diagnosis of Cancer,
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pp 168-172. 9668545

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TESTING THE UNIFORMITY OF ZINC COATINGS
ON STEEL WIRE BY DIPPING IN CuSO_4 SOLU-
TIONS. [1962] 7p. (figs. refs. omitted).
Order from SLA \$1.10

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Trans. of Arch[iv] f[ür] d[as] Eisenh[ütten]wesen
(West Germany) 1949 [v. 20, no. 3/4] p. 135-138.

DESCRIPTORS: *Zinc coatings, *Steel wire, Process-
ing, Solutions, Copper compounds, Sulfur compounds,
Oxides.

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