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- II. Title: Semiconductors

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TT-64-10412

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DESCRIPTORS: \*Ferromagnetic materials, \*Crystals, \*Crystal lattice defects, Crystal structure, Theory, (Physics--Solid State, TT, v. 11, no. 9) (over)

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Brutcher Tr 2916

Scientific - Cast aluminum, alloys, stress state

A10636

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DELAYED ELECTRON EMISSION OF GERMANIUM  
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61-20533

Trans. of Acta Physica Austriaca, 1957, v. 10, no. 4,  
p. 448-452.

DESCRIPTORS: \*Germanium, Electron bombardment,  
\*Secondary emission, Electronics, Surface area,  
Temperature, Liquid air, Vacuum apparatus, Count-  
ing methods, Electron multipliers, Semiconductors,  
Heating, Cooling, Ultraviolet radiation, Excitation,  
Electrons, Exposure

(Physics--Electronics, TT, v. 7, no. 5)

61-20533

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(Verzögerte Elektronenemission von Germanium).  
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Temperature, Liquid air, Vacuum apparatus, Count-  
ing methods, Electron multipliers, Semiconductors,  
Heating, Cooling, Ultraviolet radiation, Excitation,  
Electrons, Exposure

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Electron Emission of Metal Surfaces as an After-  
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DESCRIPTORS: \*Tobacco, \*Aging, Air.

(Agriculture--Plant Cultivation, TT, v. 8, no. 8)

62-17624

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The Effect of Wood Preservation on the  
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UNIVERSITY OF MINNESOTA, MINNEAPOLIS, MINN.  
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NO. 1, PP. 109-112  
SLA 11-01-20400

*Gust Luskamp*

Det. - Det.  
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23 pp.

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SLA 60-14558

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THE REACTION OF NITROGEN DIOXIDE WITH  
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Trans. of Chemische Berichte (West Germany) 1963,  
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DESCRIPTORS: \*Nitrogen compounds, \*Fluorides,  
\*Hydrogen compounds, \*Fluorides, \*Nitrosyls,  
\*Chemical reactions, Chemical equilibrium, Boiling,  
Mixtures.

Nitrogen dioxide gas reacts with liquid hydrogen fluoride  
to form nitrosylfluoride-trihydrogen fluoride, nitro-  
sylfluoride-hexahydrogen fluoride, and nitric acid, the  
proportions of the two nitrosyl fluoride-hydrogen  
fluorides being determined by the rate of formation. If  
an  $\text{NO}_2/\text{HF}$  mixture is distilled at normal pressure to a  
(Chemistry--Inorganic, TT, v. 10, no. 7) (over)

63-16531

I. Seel, F.  
II. Fuchs, G.  
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The Isomerism of Dinitrogen tetroxide: The  
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NTC 69-12464-07B

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AEC Tr-5462

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1957, pp 135.

NTC 69-12463-07B

*F. Seel*

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ATS 72R77G

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Kinetics and Mechanism of the Raschig  
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PHARMACOLOGICAL INVESTIGATIONS OF NATURAL  
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Order from K-H \$30.00 K-H 9767 b

Trans. of [Naunyn-Schmiedeberg's] Arch[iv für]  
Exp[erimentelle] Path[ologie und] Pharm[akologie]  
(Germany) 1927, v. 122, p. 338-353.

DESCRIPTORS: \*Pharmacology, Synthesis (Chemistry),  
\*Drugs.

(Biological Sciences--Pharmacology, TT, v. 9, no. 4)

62-22737

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- I. Seel, H.
- II. K-H-9767-b
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NIH 4-40-61

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Feb 63

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PP 66-7L.

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SLA 58-2184.

Sci - Med  
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Sci -  
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BT51 4436

*W. Seelektag*

EE-Germany  
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A Method for Exact Determination of Section-Level Necessary in Tomograms of Sharply Outlined Objects, by W. Seelentag, 13 pp<sup>4</sup>

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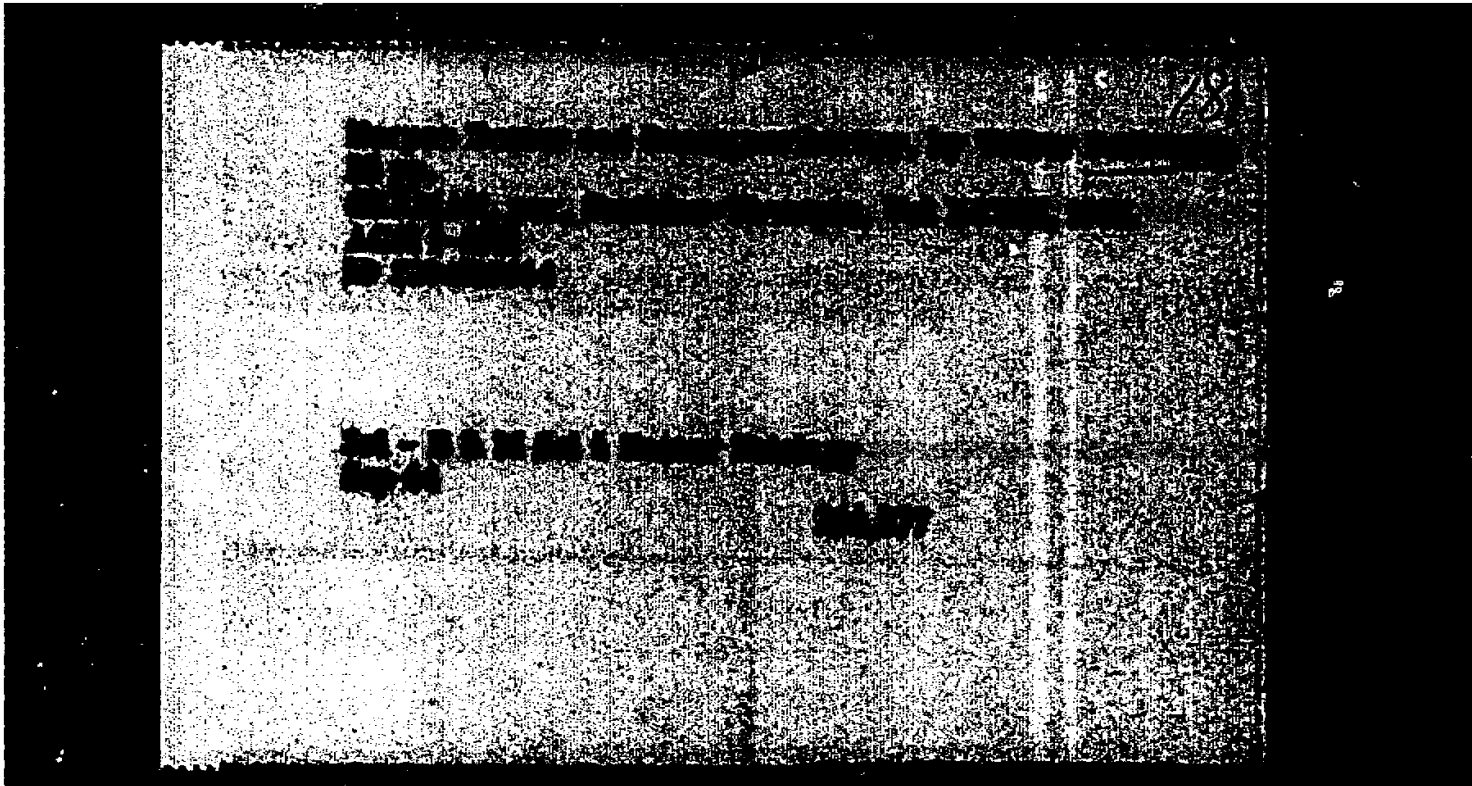
NIH Tr 4-72

Sci - Med

May 58

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MODERN LIGHTING INSTALLATIONS IN INDUS-  
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Order from SLA \$1.10 60-18973

Trans. of [Werkstattstechnik und Maschinenbau]  
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DESCRIPTORS: Industrial plants. Lighting systems

60-18973

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THE PHENOMENON OF "ROTATION TURBULENCE"  
IN ROTATING TUBES AND CONDUITS. [1962] 8p.  
Order from K-H \$10.00 K-H 6641 J

Trans. of article from an unidentified source in Berlin-  
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DESCRIPTORS: \*Bodies of revolution, \*Rotation, Ro-  
tating structures, Hydraulic conduits, \*Turbulence

(Mechanics, TT, v. 9, no. 1)

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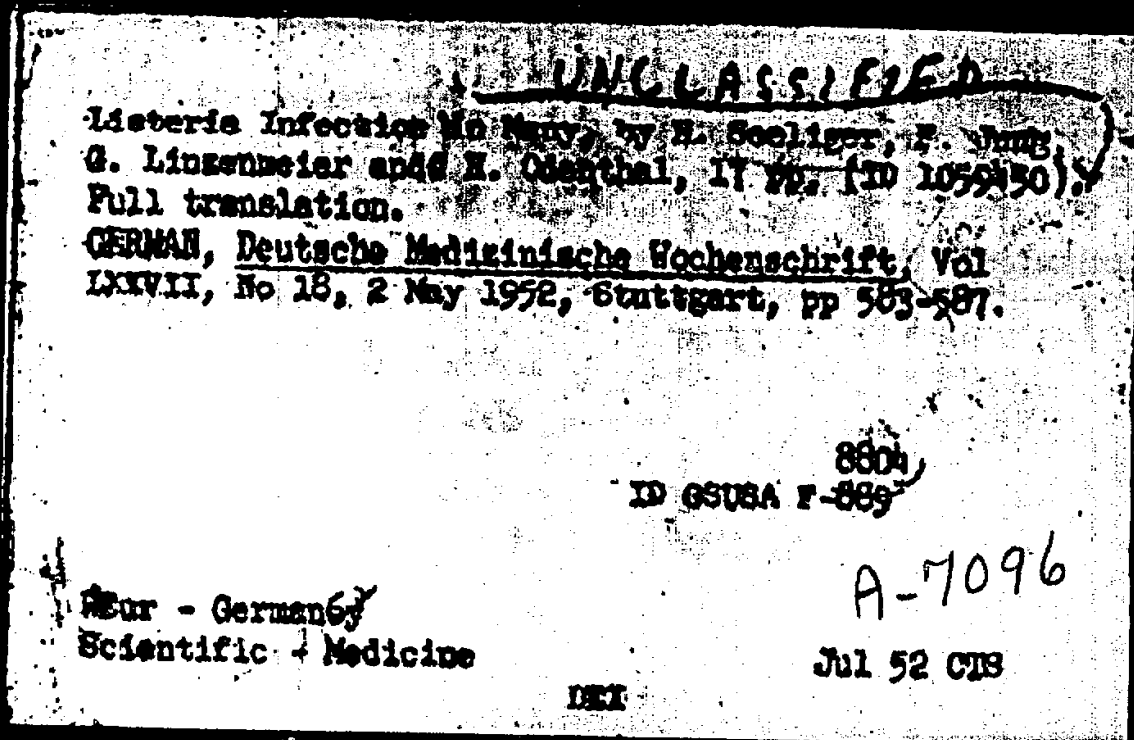
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NIH Tr 8-11

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Aug 57

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SLA 3252



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*H. P. R. Seeliger*

Sci-B&M  
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Qualitative and Quantitative Studies  
of the Intestinal Flora in Man, by  
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Mh 1-2-65

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*H. P. R. Seeliger*

Sci-3601  
Aug 65

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CSIRO-2813

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**Air Res and Dev Command**

**Scientific - Physics**

**TT 216**

**Translation on tape June 55 OIS**

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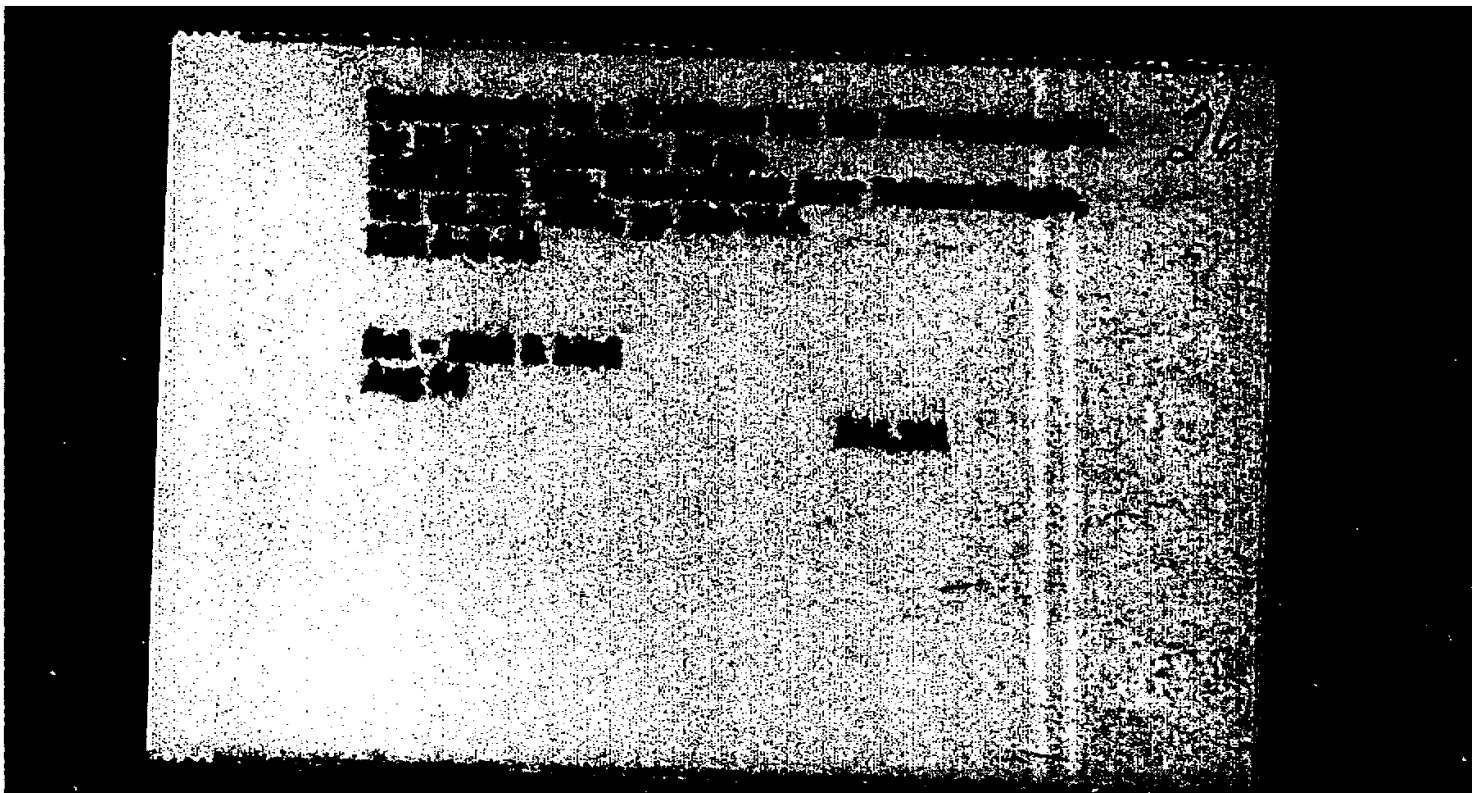
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Scientific - Physics

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Electron Microscope Investigations  
of Fracture Surface of Opal Glass,  
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Vol 28, No 7, 1955, pp. 262-4.  
NTC 69-11730-118

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*R. Seeliger*

Sci-Mater  
July 69

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HUNKER, J.  
PANLEK, F.  
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Clarification of Precipitation Processes in  
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pp 168-174; 4700 words.

Drutcher No 2799, 8 11.75

A 4274

Topophysis and Cyclophysis of Plant Organs and  
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DESCRIPTORS: \*X-rays, \*Fluorescence, Analysis,  
Excitation, Equations, Iron, Nickel, Alloys, Scintilla-  
tion counters, Bremsstrahlung, Continuous spectrum,  
\*Quantitative analysis.

The fluorescence intensity formed with excitation from  
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system and compared with experimentally determined  
values. It showed a very good agreement. Based on  
these results and under simplifying assumptions, a  
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