

62-10677

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SOME FACTS ON MERCERIZATION AND MERCERIZING AGENTS (Einiges über Mercerisation und Mercerisiermittel). [1961] 37p. (30 figs. omitted). Order from SLA \$3.60 62-10677

1. Title: Mercerization
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Trans. of Melland Textilberichte (West Germany) 1959, v. 40, Nov. p. 1307-1315.

DESCRIPTORS: *Textiles, Processing. *Wetting agents, *Dyes, Cotton textiles, Sodium compounds, Hydroxides, Manufacturing methods.

209080

After a historical review of mercerization, the most important finishing effects expected of it are stressed. These effects, namely luster and increased dye receptivity, are discussed in terms of experimental conditions on the basis of the test results obtained by other authors. A number of yarn and piece-goods (Materials--Textiles, TT, v. 7, no. 11) (over)

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Ya. Fel', S. A. Efros, 3 pp.

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JPRS 13863

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STUDY OF THE EQUATORIAL ORBIT OF AN
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UNEQUAL AXES. [1951] [18] p. 4 refs.
Order from SLA \$1.65

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Trans. of Soc[ieté] Royale [des] Sciences [de] Liège.
Bull[etin] (Belgium) 1951, v. 28, no. 97/10,
p. 207-221.

DESCRIPTORS: Satellite vehicles trajectories,
*Orbital flight paths, Ellipsoids, Earth, *Perturba-
tion theory, Resonance, Electromagnetic factors,
*Satellite vehicles.

This paper presents a discussion of the first perturba-
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of Specific Surface Area and Pore Size, by
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July 69

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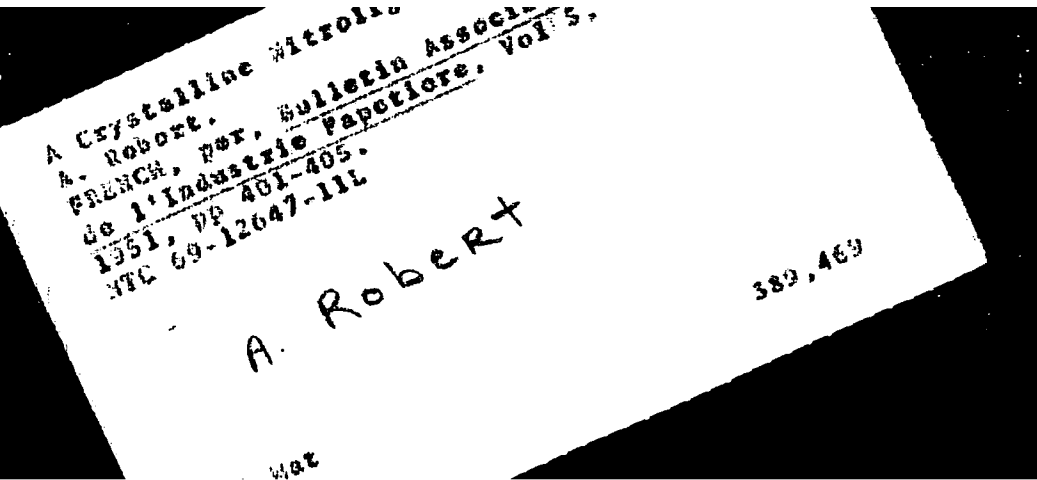
Contribution to the Identification of High Polymers
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Order from K-H \$13.75 K-H 3759 c

Trans. of Rev[ue de l']Inst[itut] Fran[çais du] Pétrole
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p. 164-169.

DESCRIPTORS: *Infrared spectroscopy, Analysis.
*Oils, *Greases, *Mineral oils.

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

- I. Robert, L.
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pp 117-126, 180-245. Call No GB 361.B4R64

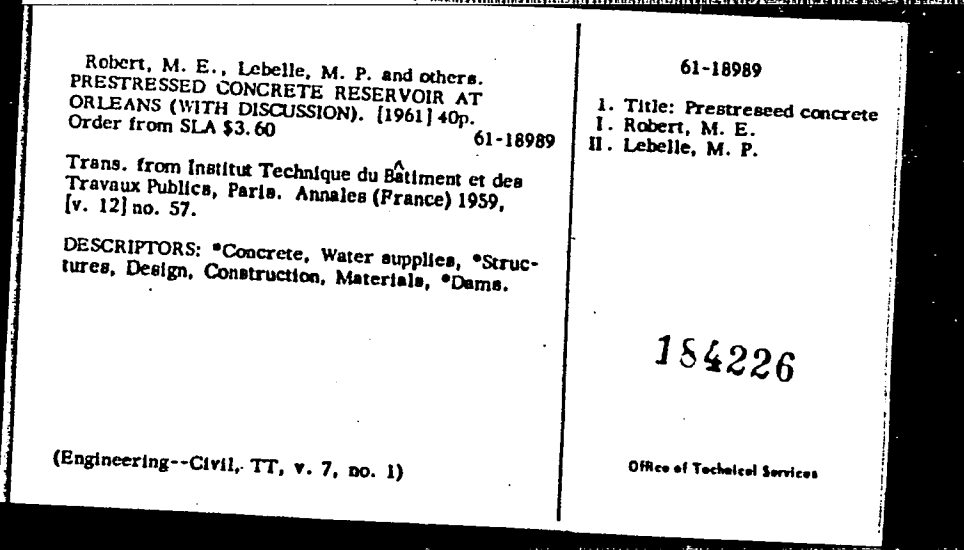
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Order from SLA \$3.60

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Trans. from Institut Technique du Bâtiment et des
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[v. 12] no. 57.

DESCRIPTORS: *Concrete, Water supplies, *Struc-
tures, Design, Construction, Materials, *Dams.

(Engineering--Civil, TT, v. 7, no. 1)

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- I. Title: Prestressed concrete
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Sci - Med
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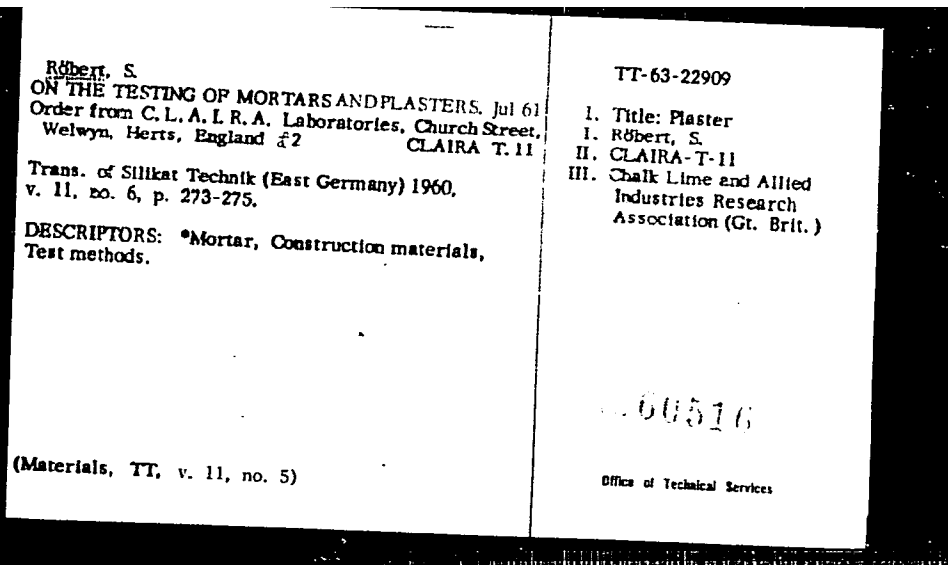
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NIH 1-28-60

Sci - Med

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BELGIAN, Patent No 667,541.
NTC 69-10815-07A

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2-Carboxylic Acid on the Radioresistance of
Bacterial Suspensions of B. Anthracis, B. Cereus,
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3 pp.

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<p>Robieux, J. EFFECT OF MANUFACTURING PRECISION ON THE PERFORMANCE OF AN ANTENNA. [1961] 41p. Order from ATS \$49.65 ATS-30N55F</p> <p>Trans. of Annales de Radioélectrique (France) 1956, v. 11, no. 43, p. 29-56.</p> <p>DESCRIPTORS: *Antennas, Sensitivity, Manufacturing methods, *Precision finishing.</p> <p>(Engineering--Electronic, TT, v. 7, no. 4)</p>	<p>62-12224</p> <p>I. Robieux, J. II. ATS-30N55F III. Associated Technical Services, East Orange, N. J.</p> <p>191242</p> <p>Office of Technical Services</p>
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ACSI I-8284
ID 2224771

Sci - Electron
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Application to Surface Waves and Propagation, by
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CSIRO/No 6665

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Sci -
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<p>Robijn, P. and Angenot, P. EMISSIVITY PROPERTIES OF REFRACTORY MA- TERIALS. Aug 63 Order from BGIRA BGIRA-575</p> <p>Trans. of Verres et Refractaires (France) 1963, v. 17, no. 1, p. 3-10.</p> <p>DESCRIPTORS: *Refractory materials, Emissivity.</p> <p>(Materials--Refractories, TT, v. 10, no. 12)</p>	<p>63-22675</p> <p>I. Robijn, P. II. Angenot, P. III. BGIRA-575 IV. British Glass Industry Research Association</p> <p>6266</p> <p>Office of Technical Services</p>
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INFLUENCE OF HEAT TREATMENTS IN THE β AND α PHASES ON THE MICROGRAPHIC STRUCTURE OF URANIUM, tr. by Liz Appleby. Thesis. [1963] [92] p. 57 refs.

Order from OTS or SLA \$8.60

HW-TR-28

Trans. of C[ommissariat a l']E[nergie A[tomique, Paris] (France) no. 1057, 1959.

DESCRIPTORS: *Uranium, Microstructure, Phase studies, Alpha particles, Beta particles, Heat treatment, Uranium compounds, *Hydrides, Mechanical properties, *Chromium alloys, Gamma rays, Crystal structure, Grain structures (Metallurgy), Electrodes, Electrolytic polishing, *Metallography.

Methods of micrographic examination of uranium by formation of epitaxial oxide films
Polygonization substructures produced in uranium (Metallurgy--Structural, TT, v. 10, no. 10) (over)

63-23491

- I. Robillard, A.
- II. HW-TR-28
- III. CEA-1057
- IV. Hanford Atomic Products Operation, Richland, Wash.

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CEA Tr-1057
U.K. Atomic Energy Authority
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19 pp.

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ATS 72128F

Sci Min/Met
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A New Method for the Micrographic Examination of Uranium by the Formation of Epitaxial Layers of Oxide, by A. Robillard, J. Durand, P. Lacombe, 3 pp.

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AEC Tr 2994

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Sci - Physics; Chemistry
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PROCESS AND DEVICE FOR OBTAINING A VISIBLE INDICATION OF A RADIATION ON AN ELECTRO-SENSITIVE MEDIUM. [1962] 25p. (figs. omitted).
Order from OTS or SLA \$2.60 62-16394

Trans. of French patent 1,172,832, gr. 12, -cl. 2, internat. cl. G 01 j - G 03 c, appl. 6 Mar 57, granted 20 Oct 58, pub. 16 Feb 59 (pat. appl. filed U. S., 8 Mar 56 in the name of applicant).

DESCRIPTORS: Light, Infrared radiation, Ultraviolet radiation, X-rays, Detection, Photosensitivity, Photoconductivity, Semiconductors, *Optical images, Images, Production, *Electromagnetic waves.

(Physics--Optics, TT, v. 9, no. 9)

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R. Robillard, L. Tremblay, J. Genest, 12 pp.

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S.L.A. Tr 1835

Sci - Medicine
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7 pp.

HUNGARIAN, per, Orvosi Hetilap, Vol XLIV, 24 Jun
1953, pp 690-692.

S.I.A. Tr 1280

Sci - Medicine
Jan 57 GTS

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The Mueschinger Effect in Plain Carbon Steels, by 167
G. Robiller, C. Stressburger.
GERMAN, per, Materialpruefung, Vol 11, Mar 1969,
pp 85-95,
BISI 7798

Sci-Mat
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G. Robiller

Fort Gouraud Iron, by J. Robin.

FRENCH, per, Europe France Outremer, No 363, 1960,
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NE/A - Africa
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EFFECT OF PRESSURE ON SOME SEMICONDUCTOR PROPERTIES. [1962] 19p. (figs. refs. tables omitted).

Order from SLA \$1.60

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Trans. of J[ournal de] Phys[ique et le] Radium (France) 1960, v. 21 [no. 2] p. 130-140.

DESCRIPTORS: *Semiconductors, Germanium, Silicon, Tellurium, *Crystal structure, Pressure, Resistance.

After an elementary survey of some characteristic properties, we summarize the principle work of various authors on the influence of pressure on intrinsic resistivity of different semiconductors. This effect is primarily indicated by a variation in the value E_g of the forbidden band with pressure. We then give a sketch of two other methods of determination (Physics--Solid State, TT, v. 8, no. 9) (over)

62-16558

I. Robin, J.

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