

Effect of Surface Treatment on the Corrosion of Steels  
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AEC-Risley Tr 746  
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Strength of Tyro-rayon Yarn, by G. Quintalier,  
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*M. WARZEE*

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(NY-6929)

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BERMAN, per, Beton- und Stahlbetonbau, No 1,  
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Sci - Engr; Min/Met

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Vol XXXV, 1926, pp 1009-1022.

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\*EISI 6504

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*R. Wasmuth*

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SODIUM CHLORIDE. III-IV. INFLUENCE OF  
CURRENT CUT-OFF IN INDUSTRIAL ELECTRO-  
LYSERS ON LOSSES OF MERCURY IN THE ELEC-  
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10p. (figs. omitted) 5 refs.  
Order from SLA \$1.10

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DESCRIPTORS: \*Mercury, \*Electrolysis, Sodium com-  
pounds, Chlorides, Electric currents, Chlorine,  
Electrochemistry, Solvent action.

Cutting off electrolyser current in quarter-industrial  
scale (pilot) units causes a migration of mercury from  
the unpolarized cathode to the brine. Maximum mercury  
content dissolved in brines during cut-off was 170 mg  
(Chemistry--Physical, TT, v. 10, no. 5)      (over)

63-14114

I. Wasiłowski, L.  
II. Gnoj, W.  
III. Swatek, S.  
IV. Title: Influence...

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LOSSES OF MERCURY. [1963] 10p. 2 refs.  
Order from SLA \$1.10      63-14113

Trans. of Przemysl Chemiczny (Poland) 1961, v. [17] (40)  
no. 4, p. 203-206.

DESCRIPTORS: \*Mercury, \*Electrolysis, Sodium  
compounds, Chlorides, Solvent action, Electrochemistry

Losses of mercury in brine occur both during the elec-  
trolysis process and when the current is turned off.  
The main losses of mercury occur in salt slimes and in  
brines drawn off during circulation. These saline  
slimes and brines contain both dissolved and undis-  
solved mercury. The amounts of mercury include vari-  
ous concentrations of mercury in the brines, ac-  
cumulating in the tank and left behind in the saline slimes.  
(Chemistry--Physical, TT, v. 10, no. 5)      (over)

63-14113

I. Wasilewski, L.  
II. Swatek, S.  
III. Gact, W.  
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Construction of Prestressed Concrete Bridges in  
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EEur - Poland  
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Determination of Oxide Inclusions in Iron and Steel  
Decomposition by Chlorine and Residue Analysis,  
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Oberhoffer. 5

GERMAN, per, Stahl u Eisen, Vol XLIX, 29 Aug 1929,  
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On hardening Phenomena in Iron-Boron alloys with  
Special Reference to Precipitation Hardening.

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Development of Orchards and Fruit Processing [in Poland]  
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POLISH, per, Nowe Rolnictwo, Warsaw, Vol VIII, No 16,  
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Resilient Mounting of Piston Engines, by H. Waas:

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Scientific - Engines, piston, mounting

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Negative Individuals, by E. Wassen, 7 pp.

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Sci - Medicine  
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On the Theory of Mercury-Cathode Spots,  
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*Theodor Wasserrab*

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Wasserberg, et al.

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NASA TT F-52

National Aeronautics and Space Administration.  
THE EFFECT OF THE BEHAVIOR OF THE LOAD  
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OF A RING. E. B. Wasserman. January 1961.  
20p. OTS price, \$0.50.  
(NASA TECHNICAL TRANSLATION F-52. Transla-  
tion from Voprosy Dinamiki I Dinamicheskoi  
Prochnosti, no. 4, 1956, p. 49-71 (USSR))

The problem of free, plane and three-dimensional  
small-amplitude vibrations of radially loaded flexible  
circular rings is investigated. Differential equations  
are derived from three types of behavior of the load  
during deformation. Expressions are obtained for  
the frequencies and critical loads. Examples of rings  
with circular, tubular, square, and rectangular cross  
sections are given.

Copies obtainable from NASA, Washington

- I. Wasserman, E. B.
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OF CUBIC FACE CENTERED METALS, by G. WASSERMANN,  
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*G. Wassermann*

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G. Wassermann. 101

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DLL Ref: 5826.48 (H.13107)

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On the Effect of Deformations on the Mechanical  
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GERMAN, per, Z. Metallk, Vol. II, No 11,  
1958, pp 549-556.

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Fulmer Res Inst

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Oxidation of Molten Cadmium and Cadmium Alloy Alloys  
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mation, by Gunter Wassermann, 10 pp.

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Saemann-Bohlin Principle to Stress Measurement,  
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Sci - Engr  
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On the Ideal Orientations in the Texture of Rolled  
Metal, by J. Greven, G. Wassermann, 18 pp.

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Aluminum-Base Materials Produced by Powder  
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Stress Corrosion as Function of Load and  
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