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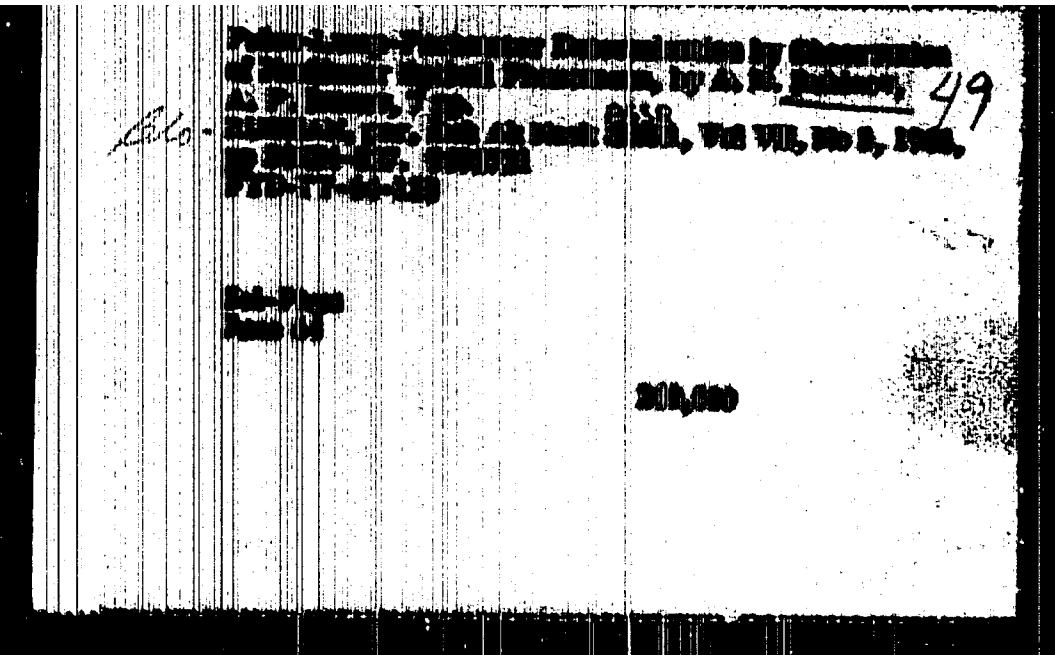
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DESCRIPTORS: Magnesium compounds, \*Oxides,  
\*Catalysts, X-ray diffraction analysis, Crystal  
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**DESCRIPTORS:** \*Benzenes, \*Carbon compounds,  
\*Mineraloids, \*Hydrogenation, \*Alumina-nickel  
catalysts, Chemical reactions, Catalysts, Vapors.

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DESCRIPTORS: \*Dehydrogenation, Catalysis, \*Nickel  
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preparations of the catalyst, in which the dispersion of  
nickel varied from 49 to 122 Å. Activity-dispersion  
isotherms were constructed for dehydrogenation of cy-  
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