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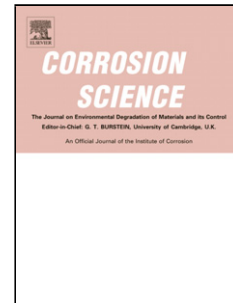
Title: Stress in Aluminum Induced by Hydrogen Absorption during Cathodic Polarization

Author: Jae Wook Shin Gery R. Stafford Kurt R. Hebert

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- In situ stress measurements detect hydrogen absorption in aluminum electrodes.
- Hydrogen absorption induces potential-dependent compressive stress.
- The potential dependence of stress is consistent with equilibrium solubility data.
- Hydrogen concentrations inferred from stress agree with analytical measurements.

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