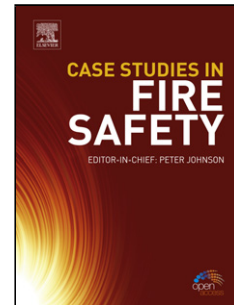


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Title: Microstructure-Sensitive Modeling of Pitting Corrosion:
Effect of the Crystallographic Orientation

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- Experimental microstructure incorporated into computational model of pitting corrosion
- Polarization behavior varied based on measured crystallographic orientation
- Variation in polarization behavior affects local pit geometries
- Measures of tortuosity has greater sensitivity to local evolving pit shapes

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