

ASME VVUQ 2022 - Verification, Validation, and Uncertainty Quantification Symposium

Texas A&M Hotel and Conference Center
177 Joe Routh Boulevard
College Station, TX 77840

May 25 - 26, 2022

9:00AM - 5:00PM

 ASME VVUQ 2022
Symposium

Texas A&M University, College Station, TX

Training & Committee Meetings: May 23 - 24, 2022: Zachry Engineering Education Complex Building
Symposium: May 25 - 26, 2022: Texas A&M Hotel and Conference Center

Molecular Dynamics Analysis on the Creep-Fatigue Damage Around a Grain Boundary in Ni-Base Alloy at Elevated Temperature

Shogo Tezuka¹⁾, and Ken Suzuki²⁾, and Hideo Miura²⁾

¹⁾Department of Finemechanics,

²⁾Fracture and Reliability Research Institute,
Graduate School of Engineering,
Tohoku University, Japan

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First-Principles Analysis on the Strain-Induced Variation of Adsorption Behavior of Gas Molecules on Graphene

Meng Yin¹⁾, Ken Suzuki²⁾ and Hideo Miura²⁾

¹⁾ Department of Finemechanics, School of Engineering

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