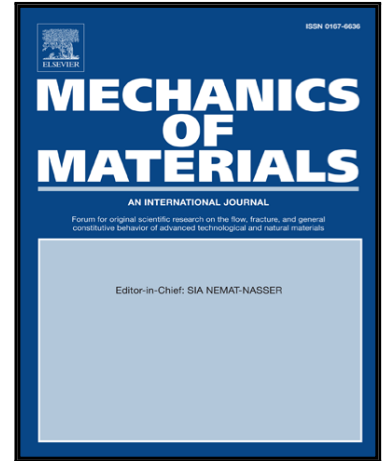


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A Finite-Strain Constitutive Model for Anisotropic Shape Memory Alloys

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Highlights

- A 3D finite-strain constitutive model for asymmetry/anisotropy behaviors in SMAs.
- Simulation of self-accommodation, transformation, orientation and reorientation.
- Constitutive equations with symmetric tensors enhancing computational efficiency.
- Validation studies on behaviors of SMA 3D printed parts, wires and helical springs.

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