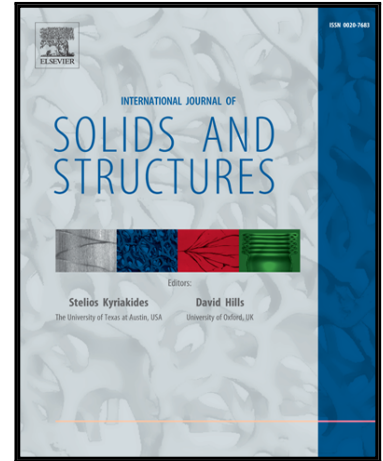


## Accepted Manuscript

Amplified Effect of Mild Plastic Anisotropy on Residual Stress and Strain Anisotropy

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## Highlights

- Axisymmetric indentation produced residual stresses in a disk of 2024 Aluminum
- Mild plastic anisotropy caused severe anisotropy in residual stress and strain
- Modeling showed that constraint effects caused the amplified stress anisotropy
- Hookean elasticity explained the even more amplified residual strain anisotropy

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