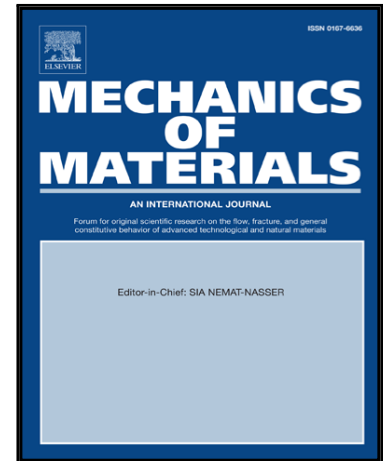


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Influence of axial and torsional cyclic loading on the fatigue behavior of 304LN stainless steel using solid and hollow specimens

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Highlights

- Specimen geometry influences the fatigue life under axial loading
- Cyclic deformation behavior observed for shear and axial loading in tubular specimens was considerably different.
- Work hardening was higher for tubular specimens subjected to shear loading
- Substructural evolution under shear loading resulted in different cellular arrangements along with martensite

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