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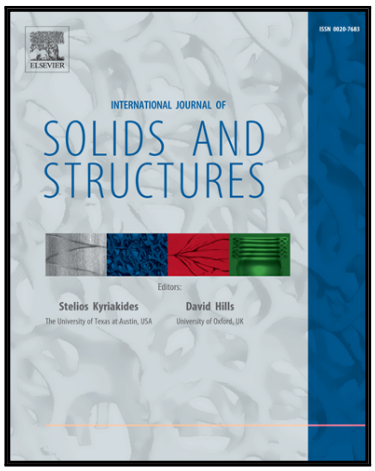

Scaled metal forming experiments: a transport equation approach

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Highlights

A novel isotropic theory for scaled-metal forming experiments.
The concept of finite similitude applicable to continuum mechanics.
Establishment of relationships sufficient for finite similitude.
A procedure for scaled metal-forming experimentation.
Initial testing on thermo-mechanical processes.

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