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Evaluation and Calibration of Anisotropic Yield Criteria in Shear Loading: Constraints to Eliminate Numerical Artefacts

A. Abedini , C. Butcher , T. Rahmaan , M.J. Worswick

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Highlights

- Phenomenological yield functions may lead to non-physical artefacts in shear region
- These artefacts manifest as non-zero hydrostatic stress or through-thickness strain
- These artefacts can be removed with a calibration constraint proposed in the paper

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