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Constitutive analysis of pressure-insensitive metals under axisymmetric tensile loading: a stress triaxiality-dependent plasticity damage model

Feng Yu , P.-Y. Ben Jar , Michael T. Hendry

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Highlights

- Investigation on the insensitivity of constitutive equations to stress triaxiality
- A new constitutive model with coupled stress triaxiality-dependent plasticity and damage
- Decouple damage-free constitutive equation from damage evolution for smooth and notched specimens

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