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A Stabilized Nodally Integrated Meshfree Formulation for Fully Coupled Hydro-Mechanical Analysis of Fluid-Saturated Porous Media

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**Highlights**

- Meshfree u-p formulation for modeling low permeable or undrained porous media.
- Pressure projection under stabilized conforming nodal integration framework.
- Efficient, accurate, free of spurious low-energy modes in nodal integration.

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