

# Accepted Manuscript

Sequential Implicit Nonlinear Solver for Geothermal Simulation

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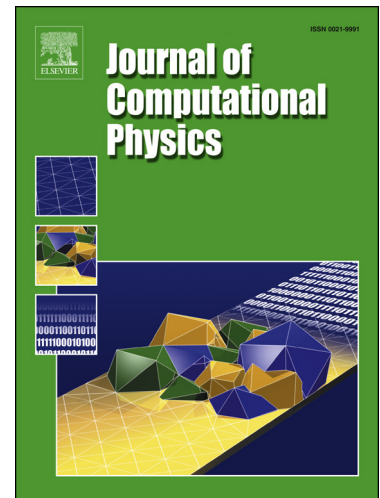
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## Highlights

- Nonlinear analysis of negative compressibility is presented
- Sequential preconditioning strategy overcomes the negative compressibility problem
- Derived a criterion to determine when preconditioner is effective
- Nonlinear preconditioning strategy effective for multidimensional problems

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