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Multiscale model reduction for shale gas transport in poroelastic fractured media

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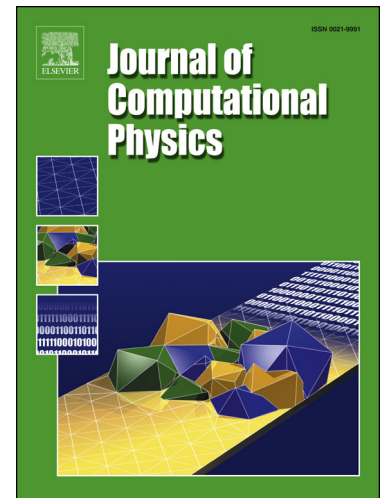
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## Highlights

- Model of compressible shale gas transport in fractured media.
- Fine-grid discretization with DFM for the model.
- GMsFEM approach for coarse-grid computation of coupled flow and geomechanics in fractured medium.
- Numerical results for GMsFEM approach.

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