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Title: Optimization of simultaneously propagating multiple fractures in hydraulic fracturing to achieve uniform growth using data-based model reduction

Author: Prashanth Siddhamshetty Kan Wu Joseph Sang-II Kwon



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Highlights

- Modelling of stress-shadow effects in simultaneously propagating multiple fractures
- Development of a new model order-reduction technique to calculate the pressure drops
- Model-based pumping schedule design for uniform growth of multiple fractures

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