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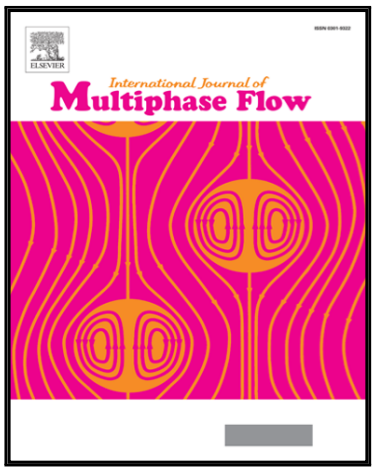

Transient modeling of one-dimensional solid-liquid flow in conduits

Ulf Jakob F. Aarsnes, Alexander Busch

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Highlights

- A transient three layer model represented by three equations (a third order PDE)
- The transient model is be completed by introducing closure relations
- Simulations comparing the simulated trends with six cuttings transport experiments

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