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Numerical modelling of 3D sloshing experiments in rectangular tanks

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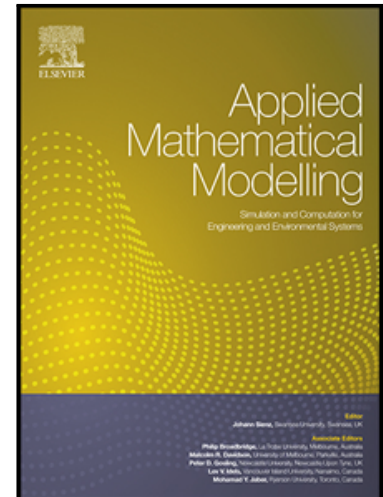
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Highlights

- Improved mass-preserving renormalization method for 3D two-fluid viscous flows
- Report of new 3D experimental data for free-surface evolution in sloshing problems
- 3D confirmation of 2D predictions for free and forced sloshing planar modes
- Experimental validation for simulation of fully 3D sloshing cases
- Effect of the initial conditions on the 3D simulation

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