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A Volume-of-Fluid Ghost-Cell Immersed Boundary Method for Multiphase Flows with Contact Line Dynamics

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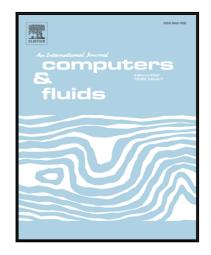
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Highlights

- A new contact line model for ghost-cell immersed boundary methods is proposed
- The contact line model is suitable for flat and curved geometries
- Some applications of the model are demonstrated
- A coupled momentum/CICSAM scheme is proposed for high density ratio flows

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