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A numerical framework for bubble transport in a subcooled fluid flow

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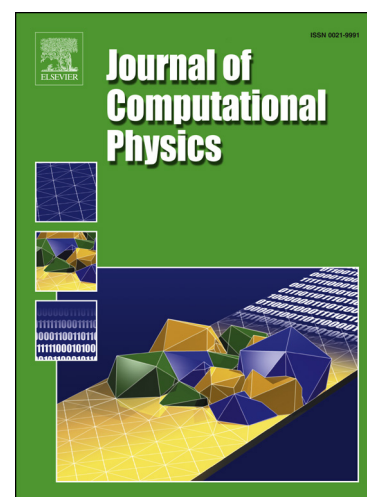
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## Highlights

- A framework for bubble transport in a subcooled fluid flow is presented.
- A conservative derivation for a DQMOM/two-fluid methodology is discussed.
- The dynamically computed abscissas are advantageous for bubble condensation.
- An iterative scheme for the non-linear abscissa equations is numerically evaluated.
- The DQMOM model reduces the computational time as compared to a MUSIG methodology.

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