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An all-Mach method for the simulation of bubble dynamics problems in the presence of surface tension

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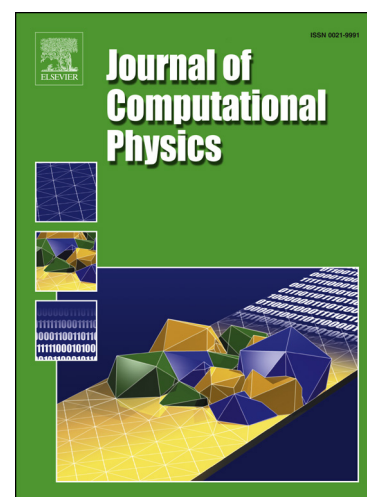
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Highlights

- All-Mach fully conservative formulation using the VOF method.
- The formulation includes surface tension and viscous forces.
- The new method avoids numerical diffusion of momentum and energy during advection.
- The code is tested for various problems involving bubbles in compressible liquids.

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