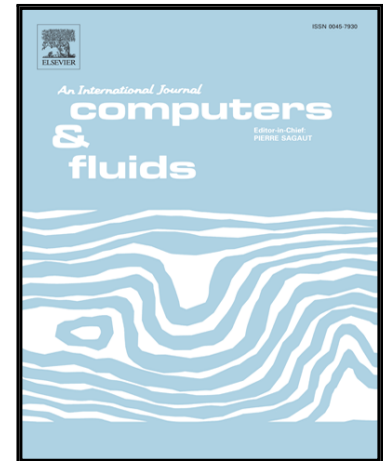


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An ALE particle method using upwind interpolation

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Highlights

- An ALE particle method for the simulation of incompressible flows is presented.
- An LSMPS method is used as a solver of the Navier-Stokes equations.
- Two particle redistribution models are presented.
- An upwind least squares interpolation scheme is proposed.

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