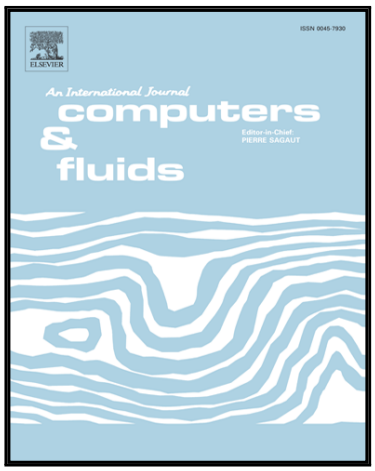

An ALE particle method using upwind interpolation

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PII: S0045-7930(16)30394-2
DOI: 10.1016/j.compfluid.2016.12.011
Reference: CAF 3351

To appear in: *Computers and Fluids*

Received date: 18 January 2016
Revised date: 13 October 2016
Accepted date: 13 December 2016

Please cite this article as: Fangyuan Hu, Takuya Matsunaga, Tasuku Tamai, Seiichi Koshizuka, An ALE particle method using upwind interpolation, *Computers and Fluids* (2016), doi: 10.1016/j.compfluid.2016.12.011

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.