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Reprint of: “Direct arbitrary-Lagrangian-Eulerian finite volume schemes on moving non-conforming unstructured meshes”. (English) [Zbl 1391.76406](#)
Comput. Fluids 169, 263-284 (2018).

Reprint of [the authors, *ibid.* 159, 254–275 (2017; [Zbl 1390.76433](#))] as part of the special issue.

MSC:

76M12 Finite volume methods applied to problems in fluid mechanics

65M08 Finite volume methods for initial value and initial-boundary value problems involving PDEs

Keywords:

moving nonconforming unstructured meshes; slide lines in direct arbitrary-Lagrangian-Eulerian (ALE) methods for shear flows; cell-centered Godunov-type finite volume methods; shallow water equations in Cartesian and cylindrical coordinates; hyperbolic conservation laws; well balanced methods

Software:

ReALE

Full Text: [DOI](#)

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