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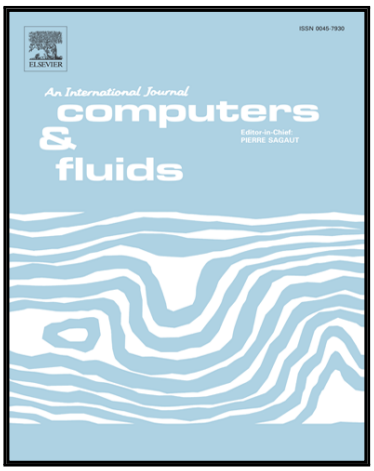

Analysis of non-conservative interpolation techniques in overset grid finite-volume methods

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PII: S0045-7930(17)30052-X
DOI: 10.1016/j.compfluid.2017.02.010
Reference: CAF 3399

To appear in: *Computers and Fluids*

Received date: 2 August 2016
Revised date: 24 January 2017
Accepted date: 9 February 2017

Please cite this article as: S. Völkner, J. Brunswig, T. Rung, Analysis of non-conservative interpolation techniques in overset grid finite-volume methods, *Computers and Fluids* (2017), doi: 10.1016/j.compfluid.2017.02.010

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Highlights

- Analysis of coupling defects in incompressible FV overset grids
- Investigation of multi-phase, interpolation, resolution and transient influences
- Outline of strategies to counteract imbalanced inter-grid fluxes
- Verification of solution strategies for 2D/3D flows, including transient phenomena

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