

Accepted Manuscript

Development and analysis of high-order vorticity confinement schemes

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PII: S0045-7930(17)30129-9
DOI: [10.1016/j.compfluid.2017.04.011](https://doi.org/10.1016/j.compfluid.2017.04.011)
Reference: CAF 3452



To appear in: *Computers and Fluids*

Received date: 13 January 2017
Revised date: 6 April 2017
Accepted date: 10 April 2017

Please cite this article as: I. Petropoulos, M. Costes, P. Cinnella, Development and analysis of high-order vorticity confinement schemes, *Computers and Fluids* (2017), doi: [10.1016/j.compfluid.2017.04.011](https://doi.org/10.1016/j.compfluid.2017.04.011)

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Highlights

- Time-space decoupled scalar formulation of VC2
- Spectral analysis of confinement schemes for the linear advection equation
- Equivalence of high-order VC with a nonlinear anti-diffusive flux correction
- Validation of the 3rd- and 5th-order VC extensions

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