Accepted Manuscript

A Reconstructed Direct Discontinuous Galerkin Method for Simulating the Compressible Laminar and Turbulent Flows on Hybrid Grids

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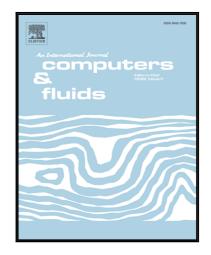
PII: \$0045-7930(18)30200-7

DOI: 10.1016/j.compfluid.2018.04.011

Reference: CAF 3856

To appear in: Computers and Fluids

Received date: 24 September 2017 Revised date: 22 January 2018 Accepted date: 6 April 2018



Please cite this article as: Xiaoquan Yang, Jian Cheng, Hong Luo, Qijun Zhao, A Reconstructed Direct Discontinuous Galerkin Method for Simulating the Compressible Laminar and Turbulent Flows on Hybrid Grids, *Computers and Fluids* (2018), doi: 10.1016/j.compfluid.2018.04.011

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Highlights:

- A hybrid reconstructed discontinuous Galerkin method is evaluated for compressible flows
- A direct discontinuous method is used for discretizingthe viscous fluxes
- ExactJacobian isderived and used in the implicit temporal discretization



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