## **Accepted Manuscript**

Accuracy preserving limiter for the high-order finite volume method on unstructured grids

Yilang Liu, Weiwei Zhang

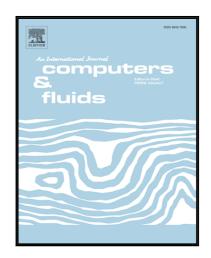
PII: \$0045-7930(17)30088-9

DOI: 10.1016/j.compfluid.2017.03.008

Reference: CAF 3419

To appear in: Computers and Fluids

Received date: 22 July 2016
Revised date: 21 February 2017
Accepted date: 8 March 2017



Please cite this article as: Yilang Liu, Weiwei Zhang, Accuracy preserving limiter for the high-order finite volume method on unstructured grids, *Computers and Fluids* (2017), doi: 10.1016/j.compfluid.2017.03.008

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

### ACCEPTED MANUSCRIPT

#### Highlights

- We developed a DWBAP limiter for high-order finite volume method.
- The limiter can implement on unstructured grid and has high efficiency.
- The limiter can both preserve numerical accuracy and control oscillations.



#### Download English Version:

# https://daneshyari.com/en/article/5011884

Download Persian Version:

https://daneshyari.com/article/5011884

<u>Daneshyari.com</u>