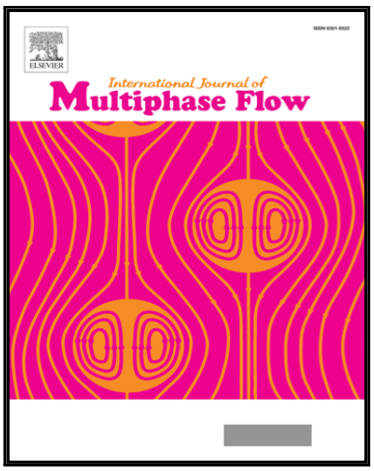

A new coupled level set and volume-of-fluid method to capture free surface on an overset grid system

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PII: S0301-9322(16)30297-X
DOI: 10.1016/j.ijmultiphaseflow.2017.01.002
Reference: IJMF 2522

To appear in: *International Journal of Multiphase Flow*

Received date: 17 May 2016
Revised date: 8 January 2017
Accepted date: 15 January 2017

Please cite this article as: Yucheng Zhao , Hamn-Ching Chen , A new coupled level set and volume-of-fluid method to capture free surface on an overset grid system, *International Journal of Multiphase Flow* (2017), doi: 10.1016/j.ijmultiphaseflow.2017.01.002

Highlights

- A new coupled Level-Set and Volume-of-Fluid (CLSVOF) method is developed on an overset grid system.
- The CLSVOF method can capture accurate free surface.
- The CLSVOF method can preserve good local and stable mass conservation.