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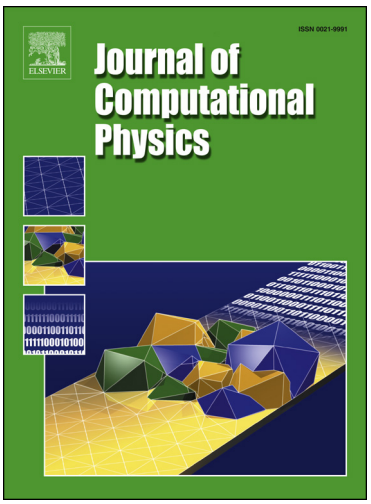

Multiscale Reconstruction in Physics for Compositional Simulation

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PII: S0021-9991(18)30577-1
DOI: https://doi.org/10.1016/j.jcp.2018.08.046
Reference: YJCPH 8232

To appear in: *Journal of Computational Physics*

Received date: 16 March 2018
Revised date: 10 July 2018
Accepted date: 24 August 2018

Please cite this article in press as: C. Ganapathy, D.V. Voskov, Multiscale Reconstruction in Physics for Compositional Simulation, *J. Comput. Phys.* (2018), https://doi.org/10.1016/j.jcp.2018.08.046

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Highlights

- Multiscale reconstruction in compositional physics is implemented in 1D.
- The first stage of reconstruction fully recover the two-phase boundaries.
- The second stage recovers a full conservative solution.
- The cost of a compositional solution reduces to a black-oil cost.
- The implementation in OBL framework extends to 3D.

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