

Accepted Manuscript

Comment on “A charge-conservative approach for simulating electrohydrodynamic two-phase flows using volume-of-fluid”

Ramakrishnan Thirumalaisamy, Ganesh Natarajan, Amaresh Dalal

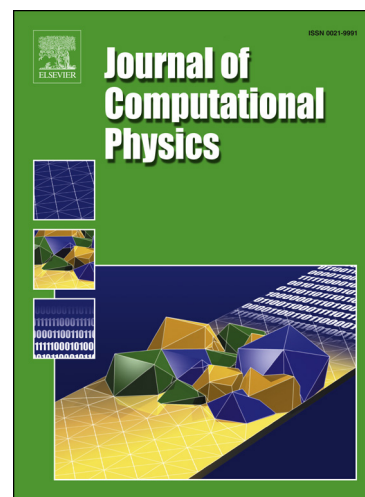
PII: S0021-9991(18)30240-7
DOI: <https://doi.org/10.1016/j.jcp.2018.04.024>
Reference: YJCPH 7963

To appear in: *Journal of Computational Physics*

Received date: 13 February 2018
Revised date: 23 March 2018
Accepted date: 11 April 2018

Please cite this article in press as: R. Thirumalaisamy et al., Comment on “A charge-conservative approach for simulating electrohydrodynamic two-phase flows using volume-of-fluid”, *J. Comput. Phys.* (2018), <https://doi.org/10.1016/j.jcp.2018.04.024>

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Highlights

- Highlight inaccuracies with existing framework for high permittivity ratios.
- Simple remedy using reconstruction to compute electric displacement.
- Electric forces computed as divergence of Maxwell tensor using electric displacement.
- Proposed approach more accurate over wide range of permittivity ratios.
- Generic and easy to implement on existing multiphase EHD solvers.

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