

Accepted Manuscript

A space–time domain decomposition approach using enhanced velocity mixed finite element method

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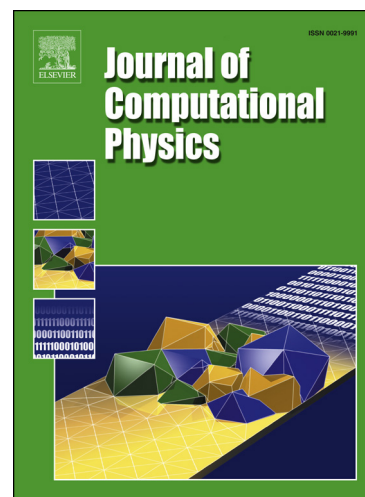
PII: S0021-9991(18)30536-9
DOI: <https://doi.org/10.1016/j.jcp.2018.08.013>
Reference: YJCPH 8199

To appear in: *Journal of Computational Physics*

Received date: 5 January 2018
Revised date: 10 July 2018
Accepted date: 5 August 2018

Please cite this article in press as: G. Singh, M.F. Wheeler, A space–time domain decomposition approach using enhanced velocity mixed finite element method, *J. Comput. Phys.* (2018), <https://doi.org/10.1016/j.jcp.2018.08.013>

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Highlights

- Space time domain decomposition for spatial and temporal refinements in subdomains.
- Fully implicit, monolithic, space–time solver.
- Circumvent Newton convergence and small time-step size issues for non-linear PDEs.
- Numerical results for scientific and practical problems of interest in porous medium.

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