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High-order Finite Element–Integral Equation Coupling on Embedded Meshes

Natalie N. Beams, Andreas Klöckner, Luke N. Olson

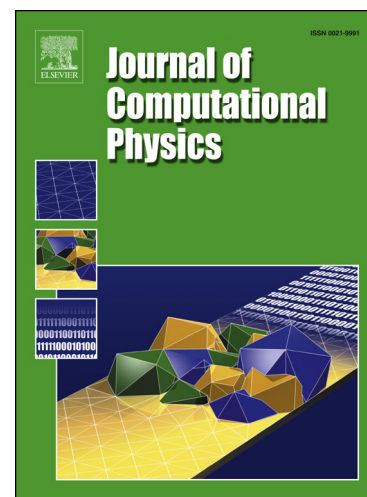
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Highlights

- Coupled integral equation-finite element methods for interface problems.
- Our IE representations lead to well-conditioned second-kind integral equations.
- Analysis supports existence, uniqueness, and convergence of solutions.
- The methods demonstrate high-order accuracy throughout the solution domain.

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