

Computational Finite Element Methods In Nanotechnology

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Deals with Finite Element Analysis, CFD, non-linear analysis, and education and dissemination.

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the desired level of accuracy required and associated computational time requirements can be managed
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A grid-based bridging domain multiple-scale method

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The extended finite element method (x-fem)

In the extended finite element method (X-FEM), a standard displacement based finite element approximation is enriched by additional (special) functions using the

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