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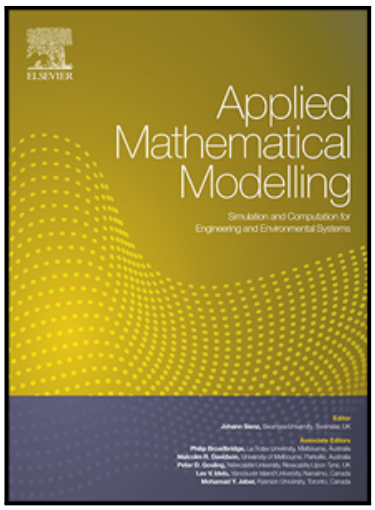

An energy-momentum conserving scheme for Hamiltonian wave equation based on multiquadric trigonometric quasi-interpolation

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Highlights

- We propose an energy-momentum conserving scheme for nonlinear Hamiltonian wave equation.
- We provide an iterated approach for approximating spatial derivatives based on multiquadric trigonometric quasi-interpolation.
- Our scheme is valid for both uniform centers and scattered centers.

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