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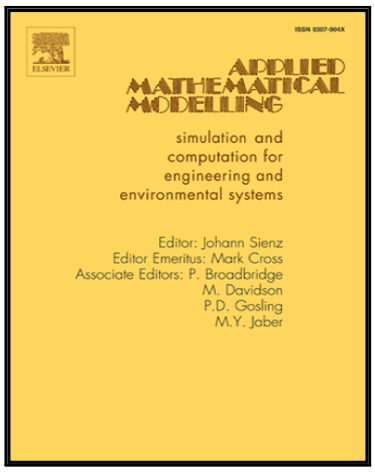

Implementations with generalized finite differences of the displacements and velocity-stress formulations of seismic wave propagation problem

J.J. Benito, F. Ureña, L. Gavete, E. Salete, M. Ureña

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Highlights

- Application of the GFDM to the wave propagation problem.
- Comparison between displacements and velocity-stress of second and fourth order.
- Implementation of the PML and analysis of results.
- The influence of the type of discretization of clouds of nodes.
- Application to the solution wave propagation problem with domain irregularities.

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