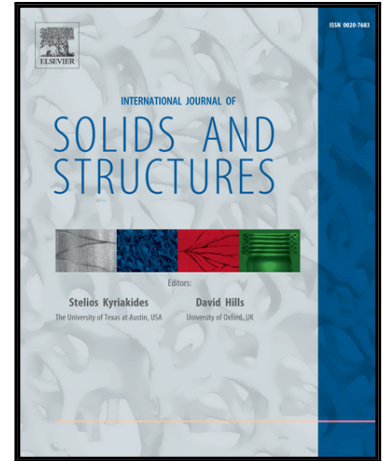


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An invariant method of fundamental solutions for the two-dimensional isotropic linear elasticity

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Highlights

- Numerical reconstruction of the missing boundary data in 2D linear elasticity.
- Noisy over-prescribed data are available on the solution domain boundary.
- The boundary value problems are solved by a meshless method, i.e. the invariant method of fundamental solutions (IMFS).
- Stabilization is achieved via Tikhonov regularization method.
- The regularization parameter is selected via Morozov discrepancy principle.

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