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An accurate boundary element method for the exterior elastic scattering problem in two dimensions

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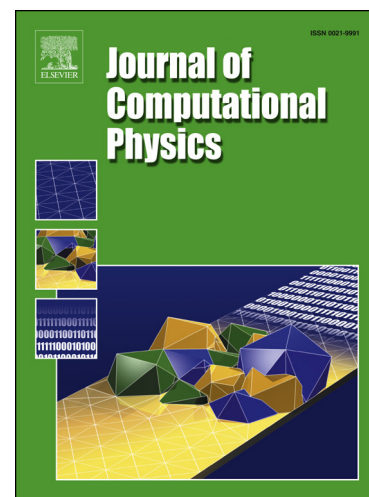
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Highlights

- A new and accurate regularization formula which replaces the weak form of hypersingular boundary integral operator by a coupling of several weakly-singular boundary integrals is given.
- Based on the series expansions of Hankel functions several special integrals, all weakly-singular boundary integrals are evaluated exactly.

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