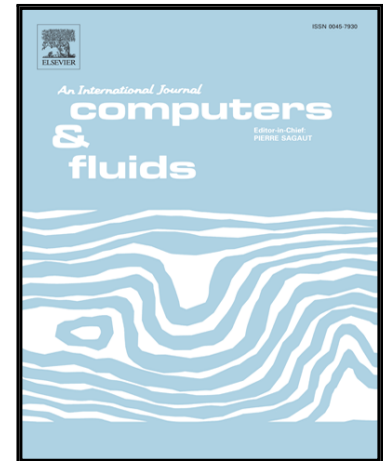


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On Meshfree GFDM Solvers for the Incompressible Navier–Stokes Equations

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Highlights

- A new meshfree monolithic scheme for the incompressible Navier-Stokes equations.
- Improves accuracy of the mass conservation equation on both interior and boundary points.
- Local accuracy improved without the use of a higher order scheme, spatially or temporally.
- Numerically compared with two other meshfree generalized finite difference schemes, and shown to produce to more accurate results.

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