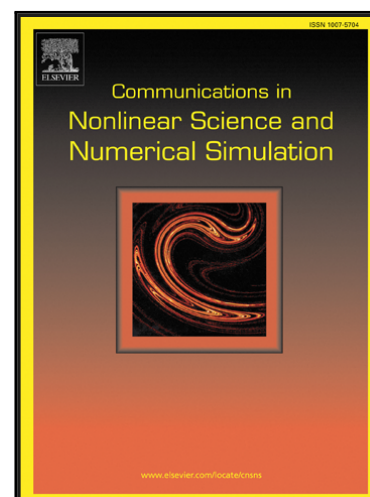


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A novel homotopy-wavelet approach for solving stream function-vorticity formulation of Navier-Stokes equations

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Highlights

- The novel approach Homotopy analysis wavelet technique is established.
- The excellent computing efficiency of the proposed technique is illustrated.
- The proposed approach is adapted to both homogenous and nonhomogeneous boundary conditions
- The incompatible boundary conditions are reconstructed by Coiflets

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