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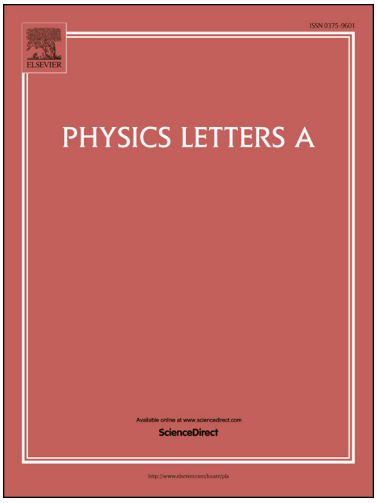

Numerical simulation of magnetic nanofluid natural convection in porous media

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Highlights

- Nanofluid free convection in a porous cavity is studied.
- External magnetic field influence is considered.
- CVFEM is applied to solve the governing equations
- Nu enhances with increase of φ and Da.

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