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Mhd Natural Convection And Entropy Generation Of Ferrofluids In A Cavity With A Non-Uniformly Heated Horizontal Plate

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Highlights

- MHD convection and entropy generation in a cavity with a heated plate is studied.
- The finite volume method is used to solve the dimensionless governing equations.
- Magnetic field suppresses the convective flow, heat transfer and entropy generation.
- Magnetic field inclination angle is a very good control parameter for heat transfer.

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