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Numerical communication for MHD thermally stratified dual convection flow of Casson fluid yields by stretching cylinder

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### Highlights

- Mathematical modelling for thermally stratified Casson fluid flow is proposed.
- Casson fluid flow is brought by stretching cylindrical surface.
- A comparative analysis is performed for both flat and cylindrical surface.
- The obtained results are remarkably enormous for cylindrical geometry.
- Comparison with existing work sets a benchmark of quality of numerical approach.

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