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Study of Mass Transport in Rotating Couple Stress Liquid under Concentration modulation

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Highlights

- Effect of concentration modulation on solutal convection is investigated.
- Couple stress fluid is considered in rotating fluid layer.
- Weakly nonlinear analysis is performed by real Ginzburg-Landau equation .
- Taylor number and frequency of modulation have stabilizing effect.
- The value of Sh increases as we increase the value of Schmidt number and Couple stress parameter .

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