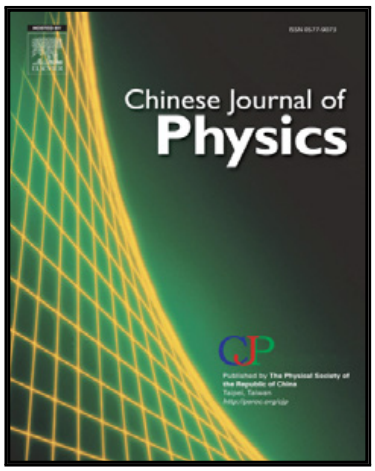

Heat transfer analysis for three-dimensional stagnation-point flow over an exponentially stretching surface

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Highlights

- Flow over an exponentially stretching surface with heated wall is considered.
- Model is initiated for stagnation point that is not been explore in the literature so far.
- Homotopy analysis method (HAM) is used to tackle the nonlinear model.
- Dominant effects of heated wall within the boundary layer domain are presented.
- Local Nusselt number is plotted to determine the heat transfer rate at the surface.