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Boundary layer flow of nanofluid over a moving surface in a flowing fluid using revised model with stability analysis

Shah Jahan , Hamzah Sakidin , Roslinda Nazar , Ioan Pop

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**Highlights**

- A numerical study is performed to investigate the problem of stagnation-point flow
- Exponentially permeable shrinking sheet with heat generation and suction is considered
- The governing partial differential equations are transformed into ordinary differential equations
- Dual solutions are found for a certain range of the shrinking and suction parameters
- A stability analysis has been performed to determine which solution is stable and physically realizable

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