

## عنوان مقاله:

Mixed Convection Falkner-Skan Wedge Flow of an Oldroyd-B Fluid in Presence of Thermal Radiation

# محل انتشار:

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### خلاصه مقاله:

The present study deals with the Falkner-Skan flow of rate type non-Newtonian fluid. Expressions of an Oldroyd-B fluid in the presence of mixed convection and thermal radiation are used in the development of relevant equations. The resulting partial differential equations are reduced into the ordinary differential equations employing appropriate transformations. Expressions of flow and heat transfer are constructed. Convergence of derived nonsimilar series solutions is guaranteed. Impact of various parameters involved in the flow and heat transfer results is plotted and .examined

# كلمات كليدى:

Oldroyd, Skan flow, B fluid, Mixed convection, Thermal radiation, Falkner

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