

عنوان مقاله:

Melting with Viscous Dissipation on MHD Radiative Flow from a Vertical Plate Embedded in Non-Darcy Porous Medium

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خلاصه مقاله:

We analyzed in this paper the effect of radiation on melting from a vertical plate embedded in porous medium in MHD mixed convection with viscous dissipation under non-Darcy (Forchheimer) conditions. Both aiding and opposing flows are considered in the study. The numerical results were obtained for velocity and temperature variation in melting region and presented in a graphical form. Heat transfer in the melting region has also been studied and the effect of .melting parameter and radiation on Nusselt number are presented in graphical form

کلمات کلیدی:

Porous medium, Non, Newtonian fluid, Melting, Thermal dispersion, Radiation

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