

عنوان مقاله:

Effects of elasticity and cross-flow Reynolds on visco-elastic fluids across the ground and a porous elliptic plate

محل انتشار:

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خلاصه مقاله:

We are concerned with an analysis performed to simulate the steady-state Walter's B' viscoelastic fluid in a \(\mathbb{P}-D \) space across the ground and a porous elliptic plate. We study the effect of viscoelasticity and with the help of a suitable resemblance transformation for components of velocity, fundamental equations are then reduced to a set of ODEs which are then solved by the Homotopy analysis method (HAM). Impacts of elasticity and cross-flow Reynolds number .are discussed

كلمات كليدى:

HAM, Walter's B' viscoelastic fluid, elliptic plate, velocity

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