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Effect of temperature dependent viscosity on entropy generation in transient viscoelastic polymeric fluid flow from an isothermal vertical plate

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<u>Highlights</u>

- Entropy generation on unsteady flow of viscoelastic polymeric fluid is investigated.
- Temperature dependent viscosity effect is studied.
- Average momentum and heat transport coefficients have involved the investigation.
- Entropy and Bejan lines are discussed for different values of physical parameters.
- Flow-field profiles for second grade fluid differs with Newtonian fluids.

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