

## Documents

Tufail, M.N., Butt, A.S., Ali, A.

**Computational modeling of an MHD flow of a non-Newtonian fluid over an unsteady stretching sheet with viscous dissipation effects**  
(2016) *Journal of Applied Mechanics and Technical Physics*, 57 (5), pp. 900-907. Cited 3 times.

### Abstract

An investigation has been conducted on the MHD Casson fluid and heat transfer over an unsteady stretching sheet with viscous dissipation effects. With suitable dimensionless variables, partial differential equations are reduced to ordinary differential equations, which are then solved by the homotopy analysis method. Dependences of flow characteristics on various parameters involved into the equations are obtained. © 2016, Pleiades Publishing, Ltd.

2-s2.0-85006132430

**Document Type:** Article

**Publication Stage:** Final

**Source:** Scopus