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Numerical treatment for 3D magnetized Casson fluid flow over an unsteady convectively heated surface with variable thermal conductivity

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Authors:



Bhose Ganga



Sekar Charles




Abdul Hakeem



Manoj Nayak

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Parvaiz Ahmad Naik¹



N. Indumathi²



B. Ganga³



S. Charles⁴



A. K.

Abdul Hakeem⁵



Zahoor Iqbal⁶



ElSayed Tag-ElDin⁷



Jian Zu^{1*}



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Magneto hydrodynamics Boundary Layer Flow Past a Wedge of Casson CuO-TiO₂/EG Embedded in Non-Darcian Porous Media: Viscous Dissipation Effects

N. Indumathi, B. Ganga, +1 author A. K. Abdul Hakeem · Published in Journal of Nanofluids 2022 · Physics

The movement physiognomies and heat transmission of viscous dissipative Casson hybrid nanoliquid (cupric oxide CuO titania TiO₂/ethylene glycol EG) and nanoliquid (titania TiO₂/ethylene glycol EG) MHD flow via a wedge saturated with non-Darcy porous medium and forced convection were the focus of this inquiry. The major partial differential equalities beside with the limit conditions were condensed to dimensionless forms by spending proper similarity transformation. The follow-on system of ODEs... [Expand](#)

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Original article

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[Hsiu-Ling Hsu](#)^a ✉, [L. Selva Roselin](#)^b, [R. Savidha](#)^c, [Rosilda Selvin](#)^d

- ^a Department of Chemical and Materials Engineering, Lunghwa University of Science and Technology, Guishan, Taoyuan County, 33306, Taiwan, ROC
- ^b Department of Chemistry, Science and Arts College, Rabigh Campus, King Abdulaziz University, Jeddah 21911, Saudi Arabia
- ^c Department of Chemistry, Providence College for Women, Spring Field, Bandishola, Coonor, Tamil Nadu 643104, India
- ^d Don Bosco Institute of Technology, Kurla, Mumbai, Maharashtra 400070, India

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