

Transportation of Fe₃O₄ -SiO₂ -Al₂O₃ /EO and SiO₂ - Al₂O₃ /EO nanoparticles in magnetized ReineróPhilippoff liquid, including modified fluxes via Galerkin algorithm: Significance of EMHD

Elsayed Mohamed Tag Eldin ,Muhammad Sohail1*, www.frontiersin.orgUmar Nazir2, www.frontiersin.orgKanit Mukdasai2, www.frontiersin.orgManoj Singh3, www.frontiersin.orgAbha Singh4, www.frontiersin.orgChandika Rama Mohan5, www.frontiersin.orgAhmed M. Galal6,7 and www.frontiersin.orgSayed M. Eldin8*

Abstract

<https://www.frontiersin.org/articles/10.3389/fphy.2023.1133550/full>

Frontiers in Physics 2023, March