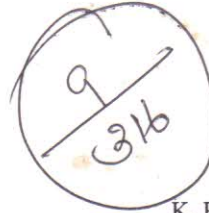


Contents



The Heat Transfer on the Peristaltic Flow of an MHD Fluid in an Inclined Channel in a Porous Space	K. Rajanikanth, Y. Rajesh yadav & S. Sreenadh	1-16
Effect of Internal Heat Generation on the Onset of Darcy–Benard Convection in Porous Media	Gangadharaiah Y. H. & Suma S. P.	17-25
Analytical Solution for Magnetohydrodynamic (MHD) Flow of a Viscoelastic Fluid over a Stretching Sheet Filled with Nanoparticles	Mohsen Zolfaghari Moghadam & Gh.H. Dehghan	27-41
Unsteady Free Convective MHD Flow and Mass Transfer Through Porous Medium in a Rotating System with Fluctuating Heat Source/Sink and Chemical Reaction	R. N. Barik	43-58
Three-Dimensional Fluid Flow Simulation in Porous Media Using Lattice Boltzmann Method	Ahmad Reza Rahmati & Mehrdad Naderi Beni	59-72
Effect of Slip and Jump Boundary Conditions on Chemically Reacting and Radiating MHD Free Convective Flow of Viscoelastic Fluid Through a Porous Medium in Porous Vertical Channel	Khem Chand, K. D. Singh & Shavnam Sharma	73-88