

ISSN : 0975-4199

VOLUME 6

NUMBER 2

DECEMBER 2014

INTERNATIONAL JOURNAL OF

FLUID MECHANICS



Research Science Press

LIBRARY REF. NO. 88
DATE: 28/11/15

INTERNATIONAL JOURNAL OF FLUID MECHANICS

VOLUME 6 NUMBER 2 DECEMBER 2014

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	109-124
Effect of Internal Heat Generation on the Onset of Darcy-Benard Convection in Porous Media	Gangadharaiah Y. H. & Suma S. P.	125-133
Analytical Solution for Magnetohydrodynamic (MHD) Flow of a Viscoelastic Fluid over a Stretching Sheet Filled with Nanoparticles	Mohsen Zolfaghari Moghadam & Gh.H. Dehghan	135-149
Natural 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	151-166
Three-Dimensional Fluid Flow Simulation in Porous Media Using Lattice Boltzmann Method	Ahmad Reza Rahmati & Mehrdad Naderi Beni	167-180
Effect of Slip and Jump Boundary Conditions on Chemically Reacting and Radiating MHD Free Convective Flow of Viscoelastic Fluid Through Porous Medium in Porous Vertical Channel	Khem Chand, K. D. Singh & Shavnam Sharma	181-196