ISSN: 0975-4199

VOLUME 7

NUMBER 2

DECEMBER 2015

FLUID MECHANICS

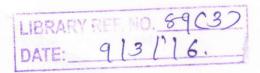
International Journal of Fluid Mechanics

VOLUME 7

NUMBER 2

DECEMBER 2015

Contents



A Numerical Study on Unsteady Free Convection Flow Past a Semi-infinite Vertical Plate with Variable Surface Temperature and Temperature Dependent Viscosity	G. Palani and U. Srikanth	97-106
MHD Free Convection Flow of Water at 4 °C Past A Semi-infinite Vertical Cone with Variable Surface Heat Flux	E. J. Lalith Kumar and G. Palani	107-116
Padiative Heat Flow Past A Semi-INfinite Vertical Oscillating Cylinder with Constant Heat Flux	G. Palani and A. Sarojini	117-129
Estimation of Jet Velocity of Hollow Charge from the Concept of Hydrodynamic Theory	Mohammadali Partanian and R. N. Pralhad	131-138
Using Perforated Sill in Free Hydraulic Jump Basins	H. K. Zare and R. E. Baddour	139-154
On MHD Boundary Layer Flow of Chemically Reacting Fluid with Heat and Mass Transfer Past a Stretching Sheet	S. Y. Ibrahim and O. D. Makinde	155-164
Chemically Reacting and Radiating Fluid with Section	J. Prakash	165-181
Axi-symmetric Ferrofluid Flow with Rotating Disk in a Porous Medium	Paras Ram, Anupam Bhandari and Kushal Sharma	183-193