

Table of Contents

Volume 8 Number 4

December 2018

Numerical Simulation of Liquid Crystal Flow Induced by Annihilation of a Pair of Defects

- S. Chono, T. Tsuji.....343

Thermal Radiation of Hydromagnetic Stagnation Gravity-Driven Flow through a Porous Confined Cylinder with Non-Uniform Heat Source

- O. K. Onanuga, M. A. C. Chendo, N. E. Erusiafe.....361

Exact Solution for Pressure Driven Flow of Two Immiscible Phan-Thien-Tanner Fluids in a Pipe

- A. M. Siddiqui, A. Walait, T. Allison, T. Haroon.....378

Numerical Simulations of Shock-Shock Interactions

- R. Paoli.....392

Dynamics of Water Flow in the Atmosphere-Aerial Roots Continuum

- M. E. Alexis, K. B. Basile, K. Clément.....404

Large-Eddy Simulation of Airflow over a Steep, Three-Dimensional Isolated Hill with Multi-GPUs Computing

- T. Uchida.....416

A Counter-Rotating Impulse Turbine for Wave Energy Conversion

- M. Takao, K. Yamada, S. Okuhara, M. M. A. Alam, Y. Kinoue, T. Setoguchi.....435