

Table of Contents

Volume 10 Number 3

September 2020

Simulation and Experimental Analysis of Vortex Tube Using Steel Material

M. Bilal, Y. L. Chen, J. Zha, N. Ullah.....151

The Influence of Geometry on the Fluid Dynamics of Continuous Settler

F. D. T. de Luna, A. G. da Silva, A. dos Santos Vianna Júnior.....164

Detecting Pipeline Anomalies and Variations in Acoustic Velocity in Multiphase Flow Regimes Using Computational Fluid Dynamics

A. Kumar, C. Olmi, O. Ogundare, P. Jha, D. Bennett.....184

A Preliminary Numerical Investigation of Airborne Droplet Dispersion in Aircraft Cabins

D. Bhatia, A. De Santis.....198

On the Axisymmetric Steady Incompressible Beltrami Flows

P. Bělík, X. Q. Su, D. P. Dokken, K. Scholz, M. M. Shvartsman.....208

The Algebraic Immersed Interface and Boundary Method for Elliptic Equations with Jump Conditions

A. Sarthou, S. Vincent, P. Angot, J.-P. Caltagirone.....239

A Study on Fluidic Diode for Wave Energy Conversion-Effect of Bypass Geometry on the Turbine Performance

K. Matsumoto, M. Takao, S. Okuhara, M. M. A. Alam, Y. Kinoue.....270