

Table of Contents

Volume 9 Number 2

June 2019

Steady-State Radial Flow Modeling through the Production Well in the Confined Aquifer of Monzoungoudo, Benin

F. de P. Codo, B. Hountondji, M. P. Aina.....107

CFD Assisted Study of Multi-Chapels Greenhouse Vents Openings Effect on Inside Airflow Circulation and Microclimate Patterns

A. Senhaji, M. Mouqallid, H. Majdoubi.....119

Generation of Vertical Fine Structure by Internal Waves in a Shear Flow

A. A. Slepyshev, D. I. Vorotnikov.....140

A Low-Cost Active Control Multi-Fan Turbulence Wind Tunnel with an Embedded System to Generate Natural Wind

H. Kikuchi, H. Matsubara, P. Pornthisarn, K. Toshimitsu.....158

Improvement of the Viscous Penalty Method for Particle-Resolved Simulations

M.-A. Chadil, S. Vincent, J.-L. Estivalèzes.....168

Simulation of Flamboyant Gums (Power Fluid) with the Lattice Boltzmann Method

L. J. Corzo-Ríos, M. E. R. Ortiz, J. L. Velázquez-Ortega.....193