

# Table of Contents

**Volume 7    Number 2**

**June 2017**

**Wave Spectral Patterns during a Historical Cyclone: A Numerical Model for Cyclone Gonu in the Northern Oman Sea**

M. N. Allahdadi, N. Chaichitehrani, M. Allahyar, L. McGee.....131

**MHD Free Convection Flow past an Inclined Stretching Sheet with Considering Viscous Dissipation and Radiation**

M. Hasan, E. Karim, A. Samad.....152

**Effects of Orbital Motion on the Velocity Field of Boundary Layer Flow over a Rotating Disk**

M. Munekata, T. Utatsu, H. Yoshikawa, Y. Okumura.....169

**Active Flow Control of a Low Reynolds Number S809 Wind Turbine Blade Model under Dynamic Pitching Maneuvers**

V. Maldonado, S. Gupta.....178

**Investigation on Combustion Characteristics in Channel with Obstacles for Internal Combustion Wave Rotor**

J. Z. Li, L. Yuan, E. L. Gong, W. Li, K. C. Zhang.....194

**Study of Numerical Analysis on Smoke Exhaust Performance of Portable Smoke Exhaust Fan**

J.-Y. Kim.....205

**Process-Based Friction Factor for Pipe Flow**

J. M. Gregory, J. A. McEnery.....219

**Mixed Convection and Heat Transfer Studies in Non-Uniformly Heated Buoyancy Driven Cavity Flow**

A. D. A. Rejeesh, S. Udhayakumar, T. V. S. Sekhar, R. Sivakumar.....231