

TABLE OF CONTENTS

Volume 5 Number 5

May 2013

Evaluating Reference Crop Evapotranspiration (ET_o) in the Centre of Guanzhong Basin

- H. I. Ahmed, J. M. Liu.....459

Finite Element Modeling of Variable Membrane Thickness for Field Fabricated Spherical (LNG) Pressure Vessels

- O. Adeyefa, O. Oluwole.....469

Finite Element Modeling of Stability of Beam-Column Supports for Field Fabricated Spherical Storage Pressure Vessels

- O. Adeyefa, O. Oluwole.....475

Testing of the Ultra-Micro Gas Turbine Devices (1 - 10 kW) for Portable Power Generation at University of Roma 1: First Tests Results

- A. Calabria, R. Capata, M. Di Veroli, G. Pepe.....481

A GIS-Based Drastic Model for Assessing Aquifer Vulnerability in Amman-Zerqa Groundwater Basin, Jordan

- A. M. Al-Rawabdeh, N. A. Al-Ansari, A. A. Al-Taani, S. Knutsson.....490

Approximate Analytical Solution to Temperature Profile in a Solid Composite Heated by a Pulsed Laser

- S. Jibrin, M. M. Moksin, M. S. Husin, M. Y. Waziri, A. B. Zakaria, Z. A. B. Talib.....505

Influence of Swimming Pool Design on Hydraulic Behavior: A Numerical and Experimental Study

- A. Cloteaux, F. Gérardin, N. Midoux.....511

Thermal Comfort Zone for Thai People

- J. Taweekun, A. Tantiwichien.....529

Runge-Kutta Schemes Coefficients Simulation for Comparison and Visual Effects

- T. A. O. Salau, O. O. Ajide.....530

The figure on the front cover is from the article published in Engineering, 2013, Vol. 5, No. 5, pp. 459-468 by Hussein I. Ahmed, Junmin Liu.