

Table of Contents

Volume 5 Number 8

August 2017

Design of Grid-Connected Photovoltaic System

N. Khan, M. Aamir, F. Mehmood, M. Aslam, M. Arif.....1

Melting and Solidification Heat Transfer Characteristics of a Phase-Change Material in a Latent Heat Storage Vessel: Effects of a Perforated Partition Plate and Metal Fiber

T. T. Naing, A. Horibe, N. Haruki, Y. Yamada.....13

Matlab Code to Assess the Reliability of the Smart Power Distribution System Using Monte Carlo Simulation

T. M. Aljohani, M. J. Beshir.....30

Optimum Efficiency Analysis of Regenerative Cycle with Feed Water Heaters

A. F. V. Da Cunha, N. Fraidenraich, L. De Souza Silva.....45

Historical Satellite Data Analysis to Enhance Climate Change Adaption and Hydrologic Models in Egypt

M. G. Salem, E. A. H. El-Sayed.....56

Simulation Study of Active Noise Control in Wind Turbines Using FxLMS Adaptation Algorithm

S. Roy, P. Naik.....72