

International Journal of Computer and Electrical Engineering

CONTENTS

Volume 5, Number 3, June 2013

An Improved DCT-Based Image Watermarking Scheme Using Fast Walsh Hadamard Transform.....	271
<i>Aris Marjuni, Mohammad Faizal Ahmad Fauzi, Rajasvaran Logeswaran, and Swee-Huay Heng</i>	
Research on Control Strategy for Three-Phase Four-Wire LCL-Based Active Power Filter.....	279
<i>Longfei Li and Xinjian Jiang</i>	
Evaluation of Carbon Dioxide Emission Using Energy Analysis Approach: A Case Study of a District Cooling Plant.....	284
<i>Adzuiéen Nordin, Norsheila Buyamin, M. Amin A. Majid, and S. Amear S. Ariffin</i>	
The Analysis of the Convergence of Newton-Raphson Method Based on the Current Injection in Distribution Network Case.....	288
<i>Tan Tingting, Li Yang, Li Ying, and Jiang Tong</i>	
A Study on Heat Pipe Optimization Using PSO.....	291
<i>Kwonho Kim, Kyun Ho Lee, and Seung Wook Baek</i>	
Safety Impact of Large-Scale Distributed PV Power Access to Power Grids.....	294
<i>Hualing Han, Ning Chen, Linan Qu, Tao Shi, and Lingzhi Zhu</i>	
Photovoltaic Generation Model for Power System Transient Stability Analysis.....	297
<i>Linan Qu, Dawei Zhao, Tao Shi, Ning Chen, and Jie Ding</i>	
Strategy of Harmonic Suppression of Smart Distribution Network with Grid-Connected Photovoltaic Generation.....	301
<i>Lifeng Zhu, Shuxi Xu, Zijia Ding, Lijun Qin, and Feng Jiao</i>	
The Research of Islanding Detection about the Photovoltaic Grid-Connected Generation System.....	305
<i>Zongjie Liu, Lifeng Zhu, Li Deng, Lijun Qin, and Feng Jiao</i>	
Review of Grounding Grids Corrosion Diagnosis.....	309
<i>Wenguang Chen, Ruyi Bi, Jian Wang, and Hougui Chen</i>	
The Application of Ultrasonic Guided Wave in Grounding Grid Corrosion Diagnosis.....	313
<i>Yiming Jiang, Wenguang Chen, Ying huang, and Hougui Chen</i>	
Fault Location for Resonant Grounded System Based on Zero-Sequence Current Increment Method.....	317
<i>Lv Jin, Ju Rong, Wu Mingyu, Liu Jiajia, and He Xiongfeng</i>	
Design and Research on the LCL Filter in Three-Phase PV Grid-Connected Inverters.....	322
<i>Xu Renzhong, Xia Lie, Zhang Junjun, and Ding Jie</i>	
Parallel-Connected Solar Photovoltaic with Ultra Low Voltage DC/DC Converter.....	326

Zhiwen Yu, Da Xie, and Junqi Feng

An Improved Electric Model with Online Parameters Correction for Large Li-Ion Battery Packs.....	330
<i>Daiming Yang, Chao Lu, and Guoguang Qi</i>	
Evaluation Method of Electromagnetic Field Exposure Levels from Wireless Power Transfer System.....	334
<i>Seon-Eui Hong, Hyung-Do Choi, Jeong-Ik Mom, and Seong-Min Kim</i>	
Advanced Energy Systems and Energy Conservation Measures to Meet the Growing Energy Demand in a Sustainable Approach.....	337
<i>Bale V. Reddy</i>	
Probabilistic Seismic Hazard Analysis of East Java Region, Indonesia.....	341
<i>Adi Susilo and Zulkarnain Adnan</i>	
Performance Analysis of VoIP Codecs over BE WiMAX Network.....	345
<i>M. Imran Tariq, M. Ajmal Azad, Razvan Beuran, and Yoichi Shinoda</i>	