

International Journal of Electrical Energy

CONTENTS

Volume 1, Number 4, December 2013

Evaluation of Partial Discharge in Power Transformers by Acoustic Emission Method and Propagation Modeling of Acoustic Signal.....	182
<i>Abdolrahman Peimankar, Arman Kazemi, and Seyed Mohammad Taghi Bathaee</i>	
Application of UPFC to Improve the FRT Capability of Wind Turbine Generator.....	188
<i>Yasser M. Alharbi, A. M. ShiddiqYunus, and A. Abu-Siada</i>	
A Coupled Thermal-Electromagnetic FEM Model to Characterize the Thermal Behavior of Power Transformers Damaged By Short Circuit Faults	194
<i>Vahid Behjat</i>	
Robust Control Design of an Induction Motor.....	201
<i>Yacine Rachedi, Meriem Otmane Rachedi, and Said Yahmedi</i>	
Impact of Reserve Margin Variance on Competition for Creating Price Efficiency and Investment Encouragement.....	206
<i>Ira Savitri, Eleftheria M. Polykarpou, and Glenn R. Drayton</i>	
Estimating Available Bandwidth on Access Links by Means of Stratified Probing	213
<i>Bjørn J. Villa and Poul E. Heegaard</i>	
Multimodal Biometric System Using Finger Knuckle and Nail: A Neural Network Approach.....	222
<i>Karbhari V. Kale, Yogesh Rode, Majharoddin M. Kazi, Shrinivas Chavan, Siddharth Dabhade, and Prapti Deshmukh</i>	
Proposals for a Revision of Kerberos When Run in Conjunction with the IPsec Protocol Suit.....	228
<i>Dean Rogers</i>	
Voltage Space Vector Averaging Technique for Two PMSMs Connected in Parallel	234
<i>Ahmad Asri Abd Samat, Dahaman Ishak, and Shahid Iqbal</i>	
Assessment of Radar Reflectivity-Rainfall Rate, Z-R Relationships for a Convective Event in Malaysia	239
<i>Nuurul Huda Mohd Sobli, Ahmad Fadzil Ismail, Farah Nadia Md. Isa, and Hasmah Mansor</i>	
Developing a Nested Class Complexity Metric for Nested Classes.....	244
<i>Rajender Singh Chhillar, Parveen Kajla, and Usha Chhillar</i>	
Higher Utilization of Multi-Core Processors in Dynamic Real-Time Software Systems	249
<i>Thomas Hanti, Michael Ernst, and Andreas Frey</i>	
Supervision of Plug-in Electric Vehicles Connected to the Electric Distribution Grids	256
<i>Siyamak Sarabi, Laid Kefsi, Asma Merdassi, and Benoit Robyns</i>	
A Study on Optimum Feature Selection for Recognition of Starking Apple	264
<i>Hayrettin Toylan and Hilmi Kuscu</i>	

Assessments of Time Diversity Rain Fade Mitigation Technique for V-band Space-Earth Link Operating in Tropical Climate	268
<i>Nurul Wahida M Saad@Md Saad, Ahmad Fadzil Ismail, Khairayu Badron, and Nuurul Huda Mohd Sobli</i>	
Energy-Efficient Fault-Tolerant Scheduling Approach for Embedded Real Time Systems	274
<i>Chafik Arar, Hamoudi Kalla, Salim Kalla, and Sonia Sabrina Bendib</i>	
A Remote Biometric Authentication Protocol for Online Banking.....	279
<i>Anongporn Salaiwarakul</i>	
Multi-Modal Ontology that Enhances Visual Content Retrieval System.....	284
<i>Stefan Poslad and Kraisak Kesorn</i>	
Industrial Equipment Simulation Training System Based on Kinect	291
<i>Jun-Feng Yao, Lin Yang, and Lei Lan</i>	
Interface Design Effects on Webpage: A Theoretical Study and Website Evaluation.....	295
<i>Lijin Su and Mingxi Tang</i>	
Performance Improvement of Phase Displacement Modulated Inverter.....	300
<i>Md. Imran Azim and Prof. Dr. Md. Fayzur Rahman</i>	