

International Journal of Electrical Energy

CONTENTS

Volume 2, Number 3, September 2014

Study and Analysis of Power Electronic Distribution Transformer	178
<i>K. Y. Ahmed, N. Z. Yahaya, and V. S. Asirvadam</i>	
Impact of Line Current Harmonics on the DC Bus Quality of a Three-Phase PWM Inverter	184
<i>Saeid Haghbin and Torbjörn Thiringer</i>	
Effect of the Stator Mutual Leakage Reactance of Dual Stator Induction Generator	189
<i>M. B. Slimene, M. A. Khlifi, M. Benfredj, and H. Rhaoulia</i>	
Effect of Number of Phases on Electromagnetic Torque of Synchronous Machines.....	194
<i>Ali Alaeddini and Hamed Tahanian</i>	
A Design and Automation with PLC of a Solar System and Test Results	200
<i>M. Dursun, A. Saygın, and S. Özden</i>	
Simulation of OPF Problem Using Modified PSO Incorporating with Various FACTS Devices	206
<i>E. N. Kumar and R. Dhanasekaran</i>	
Hybrid Genetic Based Improved Invasive Weed Optimization Algorithm for Solving Optimal Reactive Power Dispatch Problem	211
<i>K. Lenin and B. R. Reddy</i>	
Active Power Dispatch Planning using Pattern Search	216
<i>Navpreet Singh Tung and Sandeep Chakravorty</i>	
Hybrid Eagle Strategy Flower Pollination Algorithm for Solving Optimal Reactive Power Dispatch Problem.....	221
<i>K. Lenin and B. R. Reddy</i>	
Scheduling Physical Operations in Quantum Circuits Using a Greedy Algorithm	226
<i>M. Raeisi and N. Mohammadzadeh</i>	
Climate Control of Greenhouse Using Fuzzy Logic and PID Controllers	232
<i>Medjber Ahmed, Moualdia Abdelhafidh, and Ould Cherchali Nouredine</i>	
Scope of Energy Conservation and Energy Audit.....	238
<i>Rajendra Aparnathi and Ved Vyas Dwivedi</i>	
Embedded Electricity Quality Analyzer	244
<i>S. Freitas, R. Martins, F. Martins, and C. Felgueiras</i>	
An Effective Addressing Scheme for Smart Meter Targeting.....	249
<i>B. Sigweni and M. Mangwala</i>	
Design and Implementation of Meter Simulator for Smart Grid Technology	254
<i>Hyunjeong Lee, Taein Hwang, and Il-Woo Lee</i>	