

International Journal of Electrical Energy

CONTENTS

Volume 2, Number 1, March 2014

Semi-Supervised Boosting Fold Recognition Algorithm (SB-FR) for Protein Fold Recognition	1
<i>Wessam H. El-Behaidy, Aliaa A. A. Youssif, and Atef Z. Ghalwash</i>	
Development of RF Spectrum Management Tool for Malaysia Using Open-Source Software.....	7
<i>Mohamad Afif Saman, Ahmad Fadzil Ismail, Huda Adibah Mohd Ramli, and Khairayu Badron</i>	
An Efficient Copy-Back Operation Scheme Using Dedicated Flash Memory Controller in Solid-State Disks	13
<i>Woo Tae Chang, Yong Tae Lim, and Jun Dong Cho</i>	
A New Approach to Fractal Image Compression Using DBSCAN	18
<i>Jaseela C C and Ajay James</i>	
Multiuser Detection for DS-CDMA Systems on Nakagami-0.5 Fading Channels with Impulsive Noise.....	23
<i>Vinay Kumar Pamula, Habibulla Khan, Srinivasa Rao Vempati, and Anil Kumar Tipparti</i>	
Development of a 20 Degrees of Freedom Kid Sized Humanoid Platform with Vision.....	28
<i>Gautam Narang, Soumya Singh, and Arjun Narang</i>	
Effects of Unbalanced Voltage on the Steady State of the Induction Motors	34
<i>Lamia Youb</i>	
Surge Arrester Faults and Their Causes at EThekwini Electricity	39
<i>M. Gumede and G. Frederick d'Almaine</i>	
Pareto-Based Multi-Stage and Multi-Objective Planning of DG Enhanced Distribution System	45
<i>Miguel A. Velásquez, José L. Morillo, John E. Barco, and Ángela I. Cadena</i>	
Condition Monitoring Techniques of the Wind Turbines Gearbox and Rotor	53
<i>Abdulwahed A. Salem, Ahmed Abu-Siada, and Syed Islam</i>	
Classification of Arrhythmia	57
<i>Saleha Samad, Shoab A. Khan, Anam Haq, and Amna Riaz</i>	
Design Applications of Synchronized Controller for Micro Precision Servo Press Machine	62
<i>Shang-Liang Chen and Hoai-Nam Dinh</i>	
Practical Approach for Product Dimension Measurement Using Stereoscopic Vision.....	67
<i>Zoheir Mentouri, Salah Bouhouche, Slimane Ziani, Adel Boudiaf, and Me Samira Benchiheub</i>	
Optimized PI and Fuzzy Speed Vector Control of Dual Stator Induction Generator Used in a Variable Speed Wind	74
<i>Fatima. Ameur and Katia. Kouzi</i>	
On the Effect of Swap in Application Switching for Android Platform with Pattern Analysis of eMMC	82
<i>Jae Gon Lee, Jun Dong Cho, Kyu Min Park, Byung Yo Lee, Hak Yong Lee, Kwang Won Park, and Kwan Yong Jin</i>	