

International Journal of Electrical Energy

CONTENTS

Volume 2, Number 2, June 2014

- Implementation of Active Anti-Islanding Methods Protection Devices for Grid Connected Photovoltaic Systems89
Mohammed Laour, Achour Mahrane, Fethi Akel, and Douadi Bendib
- Isolation of Breast Cancer Accumulation in Mammograms for Improving Radiologists Analysis94
Prapti V. Patil, Rode Yogesh, and K. V. Kale
- The Improvement of Parameterized Face Model of Candide Based on MPEG-4 and FACS99
Baoying Ma, Junfeng Yao, Ruohe Yan, and Binbin Zhang
- Facial Expression Parameter Extraction with Cohn-Kanade Based Database103
Baoying Ma, Junfeng Yao, Ruohe Yan, and Binbin Zhang
- Old Manuscripts Restoration Using Segmentation and Texture Inpainting107
Insaf Setitra and Abdelkrim Meziane
- Wind Time Series Modeling for Power Turbine Forecasting112
Silvia Nunnari, Luigi Fortuna, and Antonio Gallo
- Data Storage in DNA119
Siddhant Shrivastava and Rohan Badlani
- Illumination Invariant Novel Approaches for Face Recognition125
Shylaja S. S., K. N. Balasubramanya Murthy, and S. Natarajan
- Enhanced Multivariate Process Monitoring for Biological Wastewater Treatment Plants131
Alima Chaouch, Khaled Bouzenad, and Messaoud Ramdani
- Effective Data Compression Model for On-Line Power System Applications138
K. Nithiyananthan and V. Ramachandran
- The Flywheel Energy Storage System: A Conceptual Study, Design, and Applications in Modern Power Systems146
Tawfiq M. Aljohani
- Transient Stability Enhancement of Wind Farm Connected to Grid Supported with FACTS Devices154
Qusay Salem and Ibrahim Altawil
- Modeling and Simulation of Grid Connected Wind Energy Conversion System Based on a Doubly Fed Induction Generator (DFIG)161
Chandrasekaran Subramanian, Domenico Casadei, Angelo Tani, and Claudio Rossi
- A Novel Method for Generation Rescheduling to Alleviate Line Overloads167
S. Kuruseelan