

Advances in Electronic and Electric Engineering

Volume 8, Number 1 (2017)

Contents

- Implementation of a Sensor Web Service for Environmental Pollution Monitoring using Wireless Sensor Networks – A Test Bed Approach** 1-13
M. Bhargava Rama¹, K. Raghava Rao² and J.V.N Ramesh³
- Optimization of Electrode Location Parameters and Hinge Geometry of Torsional MEMS Switches with Pull-in Considerations** 15-25
M. Maheswaran¹, V. Maheswaran², N. Harihara Srinivasan³, Har Narayan Upadhyay⁴,
- Modeling of Photovoltaic Switched Inductor Z Source Multilevel Inverter Effective Of Power Factor Control** 27-43
Sam Alaric¹, Caroline² and Suresh Manic³
- Removing Motion Artifact From Heart Rate Signal Of Photoplethysmography Using Active Noise Cancellation** 45-55
Rizal Maulana^{1,2}, Jang-Zern Tsai¹, Wijono²
- High Temperature HF C-V Characteristics of High-κ-Based Metal-Oxide-Semiconductor Devices: A Role of Interfacial Layer Thickness** 57-61
Chaitali Chakraborty
- Real Time Audio Equalization Using Texas TMS320C6713 DSP Processor** 63-70
Ilayarajaa.K.T¹ and Logashanmugam.E²
- The Optimal Tuning of PSO Parameters Application To Economic Load Dispatch Problem In Power System** 71-81
S.Kalaivani¹, P.Arul², S.Nishanthinivalli³

**Efficient Systolic Array Architecture Design And Implementation
For Discrete Wavelet Transform**

83-99

Selva Kumar R., Dr Dharmishtan K.Varughese