

Journal of The Institution of Engineers (India): Series B

Volume 98 · Issue 5 · October 2017

ORIGINAL CONTRIBUTIONS

Circular Microstrip Antenna with Fractal Slots for Multiband Applications

S.J. Singh · G. Singh · G. Bharti 441

Current Controller for Multi-level Front-end Converter and Its Digital Implementation Considerations on Three-level Flying Capacitor Topology

P.N. Tekwani · M.T. Shah 449

Development and Performance Assessment of White LED Dimmer

P.K. Maiti · B. Roy 461

GPU Based N-Gram String Matching Algorithm with Score Table Approach for String Searching in Many Documents

K.G. Srinivasa · B.N. Shree Devi 467

Improved Performance of Radial Elliptical Low-Pass Filter for ISM Band

Tanushree · A.K. Tiwary 477

Modelling and Simulation of Single-Phase Series Active Compensator for Power Quality Improvement

A.K. Verma · K. Mathuria · B. Singh ·

G. Bhuvaneshwari 485

Multiobjective Economic Load Dispatch in 3-D Space by Genetic Algorithm

N.K. Jain · U. Nangia · I. Singh 495

Two Level Versus Matrix Converters Performance in Wind Energy Conversion Systems Employing DFIG

G.P.R. Reddy · M.V. Kumar 503

REVIEW PAPER

A Review Analysis of Inverter Topologies for Solar PV Applications Focused on Power Quality

S.N.A. Faruqi · N. Anwer 517

ARTICLE OF PROFESSIONAL INTERESTS

Multi Dimensional Honey Bee Foraging Algorithm Based on Optimal Energy Consumption

R. Saritha · S.S. Vinod Chandra 527

Further articles can be found at link.springer.com

Indexed/abstracted in *Google Scholar, EBSCO, OCLC, Summon* by *ProQuest*

Instructions for Authors for *J. Inst. Eng. India Ser. B* are available at <http://www.springer.com/40031>