

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

Volume 100 · Issue 6 · December 2019

ORIGINAL CONTRIBUTIONS

A Proposal to Adjust the Time-Keeping Systems for Savings in Cycling Operation and Carbon Emission

A. Chakrabarti · K. Chakrabarty 541

Advanced Load Flow Analysis for Unbalanced Radial Distribution System Incorporating Weather Conditions

S. Singh · V.R. Singh · R. Ranjan · S. Swapnil 551

Experimental Investigation on a New Hybrid System Employing Wind-Driven DFIG and Solar PV Panels

S. Nindra · L.R. Paila · K. Natarajan · M.P. Selvan 561

Game Theory-Based Framework of Solar-Wind Renewable Energy System

V. Khare · S. Nema · P. Baredar · C.J. Khare 575

Implementation of MVF-Based Control Technique for 3- Φ Distribution Static Compensator

G. Pathak · D. Mohanty · S.K. Dwivedi · B. Singh · B.K. Panigrahi 589

Performance Analysis of Switching Table Based DTC for 5-Phase Induction Motor with 3-Level Inverter

U. Mahanta · B.P. Panigrahi · A.K. Panda 599

REVIEW PAPERS

A Review of Indian Grid Codes for Wind Power Generation

M.P. Bhawalkar · N. Gopalakrishnan · Y.P. Nerkar 609

Approximate Computing: A Survey of Recent Trends—Bringing Greenness to Computing and Communication

H.B. Barua · K.C. Mondal 619

DPLLs in Wireless Communication: Current State and Trends—A Literature Survey

S. Bhattacharyya · A. Misra · K.K. Sarma 627

Generalized Formulations and Solving Techniques for Selective Harmonic Elimination PWM Strategy: A Review

N. Rai · S. Chakravorty 649

Further articles can be found at link.springer.com

Indexed/abstracted in *Scopus*, *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>