Table of Contents

International Journal of Energy Optimization and Engineering

Volume 6 • Issue 2 • April-June-2017 • ISSN: 2160-9500 • eISSN: 2160-9543

An official publication of the Information Resources Management Association

Research Articles

- 1 A Feasibility Study in Energy Harvesting from Piezoelectric Keyboards
 Tom Page, Loughborough University, Loughborough, United Kingdom
- 24 Sustainable Development Dilemmas of Biofuels Research and Production: A Snapshot in South Africa Lwazi Ngubevana, Saline Water Conversion Corporation, Riyadh, Saudi Arabia
- 42 A Hybrid PSO-LEVY Flight Algorithm Based Fuzzy PID Controller for Automatic Generation Control of Multi Area Power Systems: Fuzzy Based Hybrid PSO for Automatic Generation Control

Ajit Kumar Barisal, Veer Surendra Sai University of Technology, Burla, Odisha, India Tapas Kumar Panigrahi, IIIT, Bhubaneswar, Odisha, India Somanath Mishra, Veer Surendra Sai University of Technology, Burla, Odisha, India

64 Neural Fuzzy Control of Ball and Beam System

Ashwani Kharola, Graphic Era University, Dehradun, India Pravin Patil, Graphic Era University, Dehradun, India

79 Economic Load Dispatch Using Oppositional Backtracking Search Algorithm

Moumita Pradhan, Dr B C Roy Engineering College, Durgapur, West Bengal, India Provas Kumar Roy, Kalyani Government Engineering College, Kalyani Tandra Pal, National Institute of Technology, Durgapur, West Bengal, India

Book Review

98 Handbook of Research on Artificial Intelligence Techniques and Algorithms

Ugo Fiore, Federico II University, Naples, Italy

COPYRIGHT

The International Journal of Energy Optimization and Engineering (IJEOE) (ISSN 2160-9500; eISSN 2160-9543), Copyright © 2017 IGI Global. All rights, including translation into other languages reserved by the publisher. No part of this journal may be reproduced or used in any form or by any means without written permission from the publisher, except for noncommercial, educational use including classroom teaching purposes. Product or company names used in this journal are for identification purposes only. Inclusion of the names of the products or companies does not indicate a claim of ownership by IGI Global of the trademark or registered trademark. The views expressed in this journal are those of the authors but not necessarily of IGI Global.

The International Journal of Energy Optimization and Engineering is indexed or listed in the following: ACM Digital Library; Bacon's Media Directory; Cabell's Directories; DBLP; Google Scholar; IAOR Online; IndexCopernicus; INSPEC; JournalTOCs; MediaFinder; RePEc; The Standard Periodical Directory; Ulrich's Periodicals Directory; Web of Science Emerging Sources Citation Index (ESCI)