## International Journal of Applied Evolutionary Computation

October-December 2012, Vol. 3, No. 4

## Table of Contents

SPECIAL ISSUE ON EVOLUTIONARY AND FUZZY TECHNIQUES

Kusum Deep, Department of Mathematics, Indian Institute of Technology-Roorkee, Roorkee, India

Atulya Nagar, Department of Mathematics and Computer Science, Liverpool Hope University, Liverpool, England, UK Millie Pant, Department of Pulp and Paper Technology, Indian Institute of Technology-Roorkee, Roorkee, India Jagdish Chand Bansal, Department of Mathematics, Indian Institute of Information Technology & Management, Gwalior, India Wei-Chiang Hong, Department of Information Management, Oriental Institute of Technology, Panchiao, Taipei, Taiwan

## RESEARCH ARTICLES

1 Fuzzy COTS Selection for Modular Software Systems Based on Cohesion and Coupling under Multiple Applications Environment

Pankaj Gupta, Department of Operational Research, University of Delhi, Delhi, India Shilpi Verma, Department of Operational Research, University of Delhi, Delhi, India Mukesh Kumar Mehlawat, Department of Decision Sciences, Apeejay School of Management, Dwarka, New Delhi, India

19 Dynamic Swarm Artificial Bee Colony Algorithm

Harish Sharma, ABV-Indian Institute of Information Technology and Management, Gwalior, India Jagdish Chand Bansal, ABV-Indian Institute of Information Technology and Management, Gwalior, India K. V. Arya, ABV-Indian Institute of Information Technology and Management, Gwalior, India Kusum Deep, Indian Institute of Technology, Roorkee, Roorkee, India

34 Interpolation Based Mutation Variants of Differential Evolution

Pravesh Kumar, Department of Applied Science and Engineering, Indian Institute of Technology, Roorkee, Roorkee, India Sushil Kumar, Department of Applied Science and Engineering, Indian Institute of Technology, Roorkee, Roorkee, India Millie Pant, Department of Applied Science and Engineering, Indian Institute of Technology, Roorkee, Roorkee, India V.P. Singh, Stallion College for Engineering and Technology, Saharanpur, India

51 Development of an EOQ Model for Single Source to Multi Destination: Multi Deteriorating Products under Fuzzy Environment

Kanika Gandhi, Department of Operational Research, Faculty of Mathematical Sciences, University of Delhi, Delhi, India P. C. Jha, Department of Operational Research, Faculty of Mathematical Sciences, University of Delhi, Delhi, India M. Mathirajan, Department of Management Studies, Faculty of Engineering, Indian Institute of Science Bangalore, Bangalore, India

71 Fuzzy Time Series Model Based on Intuitionistic Fuzzy Sets for Empirical Research in Stock Market Bhagawati P. Joshi, G. B. Pant University of Agriculture & Technology, Pantnagar, India Sanjay Kumar, G. B. Pant University of Agriculture & Technology, Pantnagar, India

## Copyright

The International Journal of Applied Evolutionary Computation (ISSN 1942-3594; eISSN 1942-3608). Copyright © 2012 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 Applied Evolutionary Computation is currently listed or indexed in: ACM Digital Library; Bacon's Media Directory; Cabell's Directories; DBLP; Google Scholar; INSPEC; JournalTOCs; MediaFinder; The Standard Periodical Directory; Ulrich's Periodicals Directory