

# INTERNATIONAL JOURNAL OF APPLIED EVOLUTIONARY COMPUTATION

April-June 2012, Vol. 3, No. 2

## Table of Contents

### EDITORIAL PREFACE

- i **Wide Applications of Hybrid Models and Hybrid Evolutionary Algorithms**  
*Wei-Chiang Samuelson Hong, Oriental Institute of Technology, Taiwan*

### RESEARCH ARTICLES

- 1 **A New Multiple Objective Evolutionary Algorithm for Reliability Optimization of Series-Parallel Systems**  
*Heidi A. Taboada, The University of Texas at El Paso, USA*  
*David W. Coit, Rutgers, The State University of New Jersey, USA*
- 19 **New Hybrid Discrete PSO for Solving Non Convex Trim Loss Problem**  
*Kusum Deep, Indian Institute of Technology Roorkee, India*  
*Pinkey Chauhan, Indian Institute of Technology Roorkee, India*  
*Millie Pant, Indian Institute of Technology Roorkee, India*
- 42 **Single Machine Scheduling with Rejection: Minimizing Total Weighted Completion Time and Rejection Cost**  
*Atefeh Moghaddam, University of Technology of Troyes, France*  
*Lionel Amodeo, University of Technology of Troyes, France*  
*Farouk Yalaoui, University of Technology of Troyes, France*  
*Behrooz Karimi, Amirkabir University of Technology, Iran*
- 62 **Functional Link Artificial Neural Networks for Software Cost Estimation**  
*B. Tirimula Rao, Anil Neeruknoda Institute of Technology and Sciences, India*  
*Satchidananda Dehuri, Fakir Mohan University, India*  
*Rajib Mall, Indian Institute of Technology Kharagpur, India*