Table of Contents

SPECIAL ISSUE ON ADVANCED TOOLS AND TECHNIQUES FOR COMPLEXITY SCIENCES (PART 1)

GUEST EDITORIAL PREFACE

Mohamed Nemiche, Ibn Zohr University, Agadir, Morocco
Abdelouahed Tajer, National School of Applied Science, Cadi Ayyad University of Marrakech, Marrakech, Morocco

RESEARCH ARTICLES

1  A Theoretical Learning Model Combining Stochastic Cellular Automata and Economic Indicators to Simulate Land Use Change
Fatima Ezahra Sfa
Intelligent Systems and Communicating Laboratory (IRF-SIC), Agadir, Morocco
Mohamed Nemiche
Ibn Zohr University, Agadir, Morocco
Rafael Pla Lopez
Department of Applied Mathematics, Universidad de Valencia, Valencia, Spain

9  A Co-Evolution Analysis for Software Product Lines: An Approach based on Evolutionary Trees
Anissa Benlarabi
National School of Computer Science and Systems Analysis (ENSIAS), University Mohamed V, Rabat, Morocco
Amal Khtira
National School of Computer Science and Systems Analysis (ENSIAS), University Mohamed V, Rabat, Morocco
Bouchra El Asri
National School of Computer Science and Systems Analysis (ENSIAS), University Mohamed V, Rabat, Morocco

33  Improvement of 2-Partition Entropy Approach Using Type-2 Fuzzy Sets for Image Thresholding
Ouarda Assas
Department of Computer Science, University of M’sila, M’sila, Algeria

49  What Issues of Literary Analysis Can Differential Equations Clarify?
Mikhail E. Zhuravlev
St. Petersburg State University, St. Petersburg, Russia
Irina V. Golovacheva
St. Petersburg State University, St. Petersburg, Russia
Polina V. de Mauny
St. Petersburg State University, St. Petersburg, Russia

Copyright

The International Journal of Applied Evolutionary Computation (IJAEC) (ISSN 1942-3594; eISSN 1942-3608), Copyright © 2015 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 indexed or listed in the following: ACM Digital Library; Bacon’s Media Directory; Cabell’s Directories; DBLP; Google Scholar; INSPEC; JournalTOCs; MediaFinder; The Standard Periodical Directory; Ulrich’s Periodicals Directory