Table of Contents

International Journal of Natural Computing Research

Volume 8 • Issue 1 • January-March-2019 • ISSN: 1947-928X • eISSN: 1947-9298

An official publication of the Information Resources Management Association

Research Articles

1 Clustering and Query Optimization in Fuzzy Object-Oriented Database

Thuan Tan Nguyen, Duy Tan University, Da Nang, Viet Nam
Ban Van Doan, Institute of Information Technology – VAST, Hà Nội, Viet Nam
Chau Ngoc Truong, Information Technology Department – Danang University of Technology, Da Nang, Viet Nam
Trinh Thi Thuy Tran, Information Technology Department – Duy Tan University, Da Nang, Viet Nam

18 A Better Stability Control of Inverted Pendulum System Using FMINCON Based FOPID Controller Over Fractional Order Based MRAC Controller

Deep Mukherjee, KIIT University, Bhubaneswar, India Palash Kundu, Jadavpur University, Kolkata, India Apurba Ghosh, UIT, Burdwan University, Bardhaman, India

31 Identification of Essential Proteins by Detecting Topological and Functional Clusters in Protein Interaction Network of Saccharomyces Cerevisiae

Kaustav Sengupta, Jadavpur University, Kolkata, India Sovan Saha, Dr. Sudhir Chandra Sur Degree Engineering College, Kolkata, India Piyali Chatterjee, Netaji Subhash Engineering College, Kolkata, India Mahantapas Kundu, Jadavpur University, Kolkata, India Mita Nasipuri, Jadavpur University, Kolkata, India Subhadip Basu, Jadavpur University, Kolkata, India

52 Deep Learning for Trilingual Character Recognition

M. Yashodha, Dept. of ISE, Bahubali College of Engineering, India SK Niranjan, JSS Science and Technology University, Mysore, India V. N. Manjunath Aradhya, Sri Jayachamarajendra College of Engineering, Mysore, India

COPYRIGHT

The International Journal of Natural Computing Research (IJNCR) (ISSN 1947-928X; eISSN 1947-9298), Copyright © 2019 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 Natural Computing Research 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