

Table of Contents

International Journal of Fuzzy System Applications

Volume 7 • Issue 1 • January-March-2018 • ISSN: 2156-177X • eISSN: 2156-1761

An official publication of the Information Resources Management Association

Research Articles

- 1 **Generalized Scaled Prioritized Intuitionistic Fuzzy Geometric Interaction Aggregation Operators and Their Applications to the Selection of Cold Chain Logistics Enterprises**
Shanshan Meng, College of Management and Economics, Tianjin University, Tianjin, China
Yingdong He, College of Management and Economics, Tianjin University, Tianjin, China
- 22 **Interval-Valued Complex Fuzzy Sets and Its Application to the Malaysian Economy**
Ganeshsree Selvachandran, Department of Actuarial Science and Applied Statistics, UCSI University, Cheras, Malaysia
Madhumangal Pal, Department of Applied Mathematics, Vidyasagar University, Medinipur, India
Tahani A. Abdusalam Alhawari, Faculty of Science and Technology, Universiti Kebangsaan Malaysia, Bangi, Malaysia
Abdul Razak Salleh, School of Mathematical Sciences, Universiti Kebangsaan Malaysia, Bangi, Malaysia
- 32 **Designing of a New Intuitionistic Fuzzy Based Diabetic Diagnostic System**
Supriya Raheja, The NorthCap University, Gurgaon, India
Vaishali Jain, Development Department, Gaussian Network, Gurgaon, India
- 46 **Existence of Fuzzy Zhou Bargaining Sets in TU Fuzzy Games**
Wenbo Yang, Department of Trace Examination, National Police University of China, Shengyang, China
Jiuqiang Liu, Department of Mathematics, Eastern Michigan University, Ypsilanti, MI, USA
Xiaodong Liu, School of Management Engineering, Xi'an University of Finance and Economics, Xi'an, China
- 56 **Percentile Matching Estimation of Zigzag Uncertainty Distribution**
S. Sampath, Department of Statistics, University of Madras, Chennai, India
K. Anjana, University of Madras, Chennai, India
- 74 **A Rule Based Classification for Vegetable Production Using Rough Set and Genetic Algorithm**
R. Rathi, School of Information Technology and Engineering, VIT University, Vellore, India
Debi Prasanna Acharjya, School of Computer Science and Engineering, VIT University, Vellore, India

COPYRIGHT

The **International Journal of Fuzzy System Applications (IJFSA)** (ISSN 2156-177X; eISSN 2156-1761), Copyright © 2018 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 Fuzzy System Applications* is indexed or listed in the following: ACM Digital Library; Bacon's Media Directory; Cabell's Directories; DBLP; Google Scholar; INSPEC; JournalTOCs; MediaFinder; ProQuest Advanced Technologies & Aerospace Journals; ProQuest Computer Science Journals; ProQuest Illustrata: Technology; ProQuest SciTech Journals; ProQuest Technology Journals; SCOPUS; The Standard Periodical Directory; Ulrich's Periodicals Directory