## **Table of Contents**

## **International Journal of Fuzzy System Applications**

Volume 9 • Issue 1 • January-March-2020 • ISSN: 2156-177X • eISSN: 2156-1761

## **Research Articles**

- Developing a New Approach to Solve Solid Assignment Problems Under Intuitionistic Fuzzy Environment
  P. Senthil Kumar, Department of Humanities and Sciences, Navodaya Institute of Technology, Raichur, India
- Fruit-Fly Optimization Algorithm for Disability-Specific Teaching Based on Interval Trapezoidal Type-2 Fuzzy Numbers

Deepak Aeloor, St. John College of Engineering and Management, Palghar, India

64 Supply Chain Model for Expiring Items Following Ramp-Type Demand With Stochastic Lead Time Under Crisp and Fuzzy Environment

Chaman Singh, Acharaya Narendra Dev College, University of Delhi, New Delhi, India S.R. Singh, C.C.S. University, Meerut, India

92 Intelligent Industrial Process Control Based on Fuzzy Logic and Machine Learning

Hanane Zermane, Batna 2 University, Fesdis, Algeria Rached Kasmi, Batna 2 University, Fesdis, Algeria

Fuzzy Transportation Problem by Using Triangular, Pentagonal and Heptagonal Fuzzy Numbers With Lagrange's Polynomial to Approximate Fuzzy Cost for Nonagon and Hendecagon

Ashok Sahebrao Mhaske, Dada Patil Mahavidyalaya, Karjat, India Kirankumar Laxmanrao Bondar, NES Science College, Nanded, India

## **COPYRIGHT**

The International Journal of Fuzzy System Applications (IJFSA) (ISSN 2156-177X; eISSN 2156-1761), Copyright © 2020 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