Emerging Research on Applied Fuzzy Sets and Intuitionistic Fuzzy Matrices

Part of the Advances in Computational Intelligence and Robotics Book Series

Amal Kumar Adak (Jafuly Deshpran High School, India), Debashree Manna (Damda High School, India) and Monoranjan Bhowmik (VIT College, India)

Description:

The use of fuzzy logic has become prominent in a variety of fields and applications. By implementing these logic sets, problems and uncertainties are more effectively resolved.

Emerging Research on Applied Fuzzy Sets and Intuitionistic Fuzzy Matrices is a pivotal reference source for the latest scholarly perspectives on the interdisciplinary use of fuzzy logic theory, focusing on the application of sets and matrices. Highlights theoretical framework and empirical research findings.

Readers:

This book is ideally designed for academics, practitioners, upper-level students, and professionals interested in an innovative overview of fuzzy logic sets and matrices.


Topics Covered:

- Bioinformatics
- Data Mining
- Design Optimization
- Forecasting
- Fuzzy Difference Equations
- Fuzzy Rings
- Interval-Valued Intuitionistic Fuzzy Sets
- Machine Learning

Hardcover + Free E-Book:

$205.00

E-Book Only:

$205.00

Order Information
Phone: 717-533-8845 x100
Toll Free: 1-866-342-6657
Fax: 717-533-8661 or 717-533-7115
Online Bookstore: www.igi-global.com
**Amal Kumar Adak** received his M.Sc. degree in Mathematics and PhD from Vidyasagar University, West Bengal, India in 2006 and 2013, respectively. He is an Assistant Teachers in Department of Mathematics of Jafuly Deshpran School (H.S.), West Bengal, India since 2007. His research interest includes fuzzy and intuitionistic fuzzy sets, intuitionistic fuzzy matrices and operations research. His papers are published in several national and international journals. He has participated and presented papers in several national and international conferences.

**Debashree Manna** received her MSc degree in Mathematics from Vidyasagar University, West Bengal, India in 2012. She is an Assistant Teachers in Department of Mathematics of Damda High School, West Bengal, India since 2010. Her research interest includes fuzzy and intuitionistic fuzzy matrices.

**Monoranjan Bhowmik** received his M.Sc. in Mathematics from Indian Institute of Technology, Kharagpur, West Bengal, India and Ph.D. from Vidyasagar University, India in 1995 and 2010, respectively. Currently, he is an Assistant Professor of VTT College, Paschim Midnapore, West Bengal, India. He is Associate-Editor of International Journal of Fuzzy Mathematical Archive. He is a reviewer of several international journals. His main scientific interest concentrates on fuzzy and intuitionistic fuzzy sets, fuzzy and intuitionistic fuzzy matrices and fuzzy algebras, Math Education and Educational Statistics. He is author of more than 30 articles published in various scholarly journals and conference proceedings and also had organized several Seminar, Conference in his institution.