Recent Advances in Fuzzy Set Theory

Guest Editor:

Dr. Sankar Prasad Mondal
Department of Applied Science, Maulana Abul Kalam Azad University of Technology, West Bengal 700064, India.

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Message from the Guest Editor

Uncertainty theory is not new. Fuzzy set theory is a very popular tool to describe the uncertainties in theoretical as well as practical problems. However, different types of uncertain environments arise day by day, requiring more advances in the field as previous strategies may not apply new problems. Additionally, it is not necessary that we apply all types of uncertainty settings in the same problem. So, defining uncertainty parameters and their application with real-world problem is currently a challenging issue.

- interval uncertainty modelling
- fuzzy set theory modelling
- intuitionistic fuzzy set theory modelling
- neutrosophic set theory modelling
- biological modelling with uncertainty
- modelling management sciences problems with uncertainty
- engineering problems with uncertainty.

Special issue

Editor-in-Chief

Prof. Dr. Frank Werner
Faculty of Mathematics, Otto-von-Guericke-University, P.O. Box 4120, D-39016 Magdeburg, Germany

Message from the Editor-in-Chief

Algorithms are the very core of Computer Science. The whole area has been considered from quite different perspectives, having led to the development of many sub-communities: Complexity theory (limitations), approximation or parameterized algorithms (types of problems), geometric algorithms (subject area), metaheuristics, algorithm engineering, medical imaging (applications), indicates the range of perspectives. Our journal welcomes submissions written from any of these perspectives, so that it may become a forum for exchange of ideas between the corresponding scientific subcommunities.

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