

Special Issue

Advances in Fuzzy Systems and Decision Making Theory

Message from the Guest Editor

This issue highlights innovative research that explores novel fuzzy models, algorithms, and applications, including multi-criteria decision-making, fuzzy control systems, and fuzzy neural networks. We also encourage contributions that investigate the intersection of fuzzy systems with machine learning, big data analytics, and optimization techniques. Topics of interest include the following: - New fuzzy algorithms for real-time decision-making; - Multi-criteria decision-making under uncertainty; - Applications of fuzzy systems in finance, healthcare, and engineering; - Hybrid approaches combining fuzzy logic with other computational techniques; - Fuzzy optimization and large-scale data-driven fuzzy decision models; - Theoretical advancements in fuzzy set theory and its implications for decision-making.

Guest Editor

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Message from the Editor-in-Chief

The journal *Mathematics* publishes high-quality, refereed papers that treat both pure and applied mathematics. The journal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering and sociology, particularly those that stress analytical/algebraic aspects and novel problems and their solutions. One of the missions of the journal is to serve mathematicians and scientists through the prompt publication of significant advances in any branch of science and technology, and to provide a forum for the discussion of new scientific developments.

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