Special Issue

Advances in Fuzzy Rough Sets and Intelligent Computing

Message from the Guest Editors

We are pleased to invite you to contribute to a special issue of *Mathematics* focused on **Fuzzy Rough Sets and Intelligence Computing**. It aims to explore the intersection of fuzzy rough set theory and intelligent computing techniques. Fuzzy rough sets provide a powerful mathematical framework for handling uncertainty, imprecision, and vagueness in data analysis, while intelligent computing incorporates methods such as machine learning, artificial intelligence, and data mining for decision support and problem-solving. By combining these two areas, we can address complex real-world problems that involve uncertain or incomplete information, with applications spanning across multiple fields such as artificial intelligence, machine learning, data mining, decision-making, and pattern recognition. This Special Issue aims to the latest developments in fuzzy rough set theory, intelligent computing, and their integration in tackling challenging problems. We invite both theoretical and applied contributions, including novel algorithms, methods, and case studies that explore how fuzzy rough sets can enhance intelligent computing processes for improved decision-making and problem-solving.

Guest Editors

Dr. Wentao Li

Dr. Chao Zhang

Dr. Tao Zhan

Deadline for manuscript submissions

31 December 2026

About the Journal

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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