Special Issue

Advanced Research in Fuzzy System and Neural Networks

Message from the Guest Editor

We are pleased to announce this Special Issue of the journal Mathematics entitled "Advanced Research in Fuzzy System and Neural Networks". This Special Issue aims to publish original or review articles that focus on the current advances, methodologies, and applications of fuzzy systems and neural networks. Special attention will be paid to research works that address practical problems regarding the application of evaluation and decision-making methods in fuzzy modeling, neural networks and neuro-fuzzy networks. Contributions that attend to the following topics are particularly welcome.

- fuzzy logic
- fuzzy systems
- feed forward neural network
- multilayer perception
- convolutional neural network
- recurrent neural network
- LSTM—long short-term memory network
- sequence to sequence models
- modular neural network
- neuro-fuzzy networks
- application of soft computing models

Guest Editor

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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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manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.4 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).