

# Special Issue

## Soft Computing and Uncertainty Learning with Applications

### Message from the Guest Editors

In recent years, soft computing methods have experienced rapid developments through being combined with machine learning and other artificial intelligence techniques, and have also achieved successful applications in various kinds of intelligent data analysis tasks. This Special Issue will focus on recent theoretical and computational studies of soft computing models, algorithms, systems and applications. Topics include, but are not limited to:

1. Fundamental soft computing models.
2. Granular computing methodologies.
3. Three-way decision methodologies.
4. Uncertain and approximate reasoning.
5. Uncertain machine learning with soft computing.
6. Machine learning for uncertain data and knowledge.
7. Expert systems based on soft computing and machine learning.
8. Data applications of social media, business intelligence, medicine and healthcare, bioinformatics manufacturing, cybernetics and robotics, etc. Crossfield theoretical studies and applications in soft computing and machine learning are particularly welcome in this Special Issue.

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### Guest Editors

Prof. Dr. Xiaodong Yue

Prof. Dr. Shu Zhao

Prof. Dr. Jie Zhou

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### Deadline for manuscript submissions

closed (10 January 2025)



## Mathematics

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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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### Editor-in-Chief

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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).