Special Issue

Advances in Intelligent Computing, Machine Learning and Pattern Recognition

Message from the Guest Editors

We are pleased to announce this Special Issue of the journal *Mathematics*, entitled "Advances in Intelligent Computing, Machine Learning and Pattern Recognition". This Special Issue aims to present the latest progress and breakthroughs in interdisciplinary fields such as intelligent computing, machine learning, and pattern recognition, and to provide a comprehensive platform for the dissemination of significant research findings and applications. The scope of this Special Issue includes, but is not limited to, the following topics:

- **Neural Networks**
- **Deep Learning**
- **Algorithmic Optimization**
- **Computational Intelligence**
- **Clustering Algorithms**
- **Pattern Recognition**
- **AI Application Systems**
- **Big Data Analytics**
- **Linear Algebra in Intelligent Systems**

We invite submissions of high-quality research articles, reviews, and case studies that address these topics. Contributions should demonstrate original theoretical, methodological, or applied advancements and should provide significant insights into the challenges and future directions of intelligent computing, machine learning, and pattern recognition.

Guest Editors

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Deadline for manuscript submissions

28 February 2026

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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.

Editor-in-Chief

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