

Special Issue

Applications of Advanced Machine Learning and Intelligent Data Analysis

Message from the Guest Editor

This Special Issue explores the latest advancements in machine learning and intelligent data analysis, highlighting innovative methodologies, algorithms, and applications across various fields. It features a collection of research articles that delve into cutting-edge techniques such as deep, reinforcement, and unsupervised learning, emphasizing their effectiveness in solving complex real-world problems. Contributions include studies on the integration of machine learning with big data analytics, enhancing predictive modeling, and improving decision-making processes. This issue also examines the role of machine learning in healthcare, finance, and smart cities, showcasing practical implementations driving efficiency and innovation. This Special Issue aims to foster interdisciplinary collaboration and inspire future research directions in the realm of advanced machine learning and intelligent data analysis. We invite researcher to engage with the diverse methodologies and applications presented, as they represent the forefront of research in this dynamic field.

Guest Editor

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Deadline for manuscript submissions

closed (31 July 2025)



Mathematics

an Open Access Journal
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Impact Factor 2.2
CiteScore 4.6



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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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