



Applications of Artificial Intelligence, Machine Learning and Data Science

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Message from the Guest Editors

Dear Colleagues,

The current Special Issue focuses on the applications of mathematical methods in artificial intelligence, machine learning, and data science. Over the past decade, mathematical theories and methods have driven the rapid development of new technologies in artificial intelligence, machine learning, and data science. These technologies can match or even exceed human performance levels in a variety of applications. These advancements have the potential to enable new high-impact applications in different fields. We encourage researchers to contribute to this Special Issue, including, but not limited to, the following subject areas: deep learning models and their applications, machine learning methodologies and theoretical analysis, image processing technologies and applications, computer vision methods and algorithms, and data mining and data analytics.





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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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