

# Special Issue

## Advances in Data Mining, Machine Learning and Causal Inference and Their Applications

### Message from the Guest Editors

In recent decades, the cores of artificial intelligence, including data mining, machine learning and causal inference, have gained increasing attention across many areas, such as education, economics, health and computer version. A large number of works have promptly been developed in computer science and there have been corresponding applications in engineering, industry, economics, health, biology, and so on. Computational theoretics and methodologies play a critical role in the core of artificial intelligence. This Special Issue focuses on the theoretical and methodological methods in data science, especially in the cores of artificial intelligence, with topics including but not limited to those in the following fields: computer version, natural language processing, bioinformatics, knowledge graph, knowledge engineering, mathematics, explainable artificial intelligence (XAI), distributed computation, multiagent technology, fuzzy systems, deep learning, causal discovery, causal inference, latent variables, selection bias, and graphical causal modelling.

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### Guest Editors

Dr. Debo Cheng

Dr. Junbo Ma

Dr. Rongyao Hu

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### Deadline for manuscript submissions

closed (30 December 2023)



## 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

Prof. Dr. Francisco Chiclana  
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