

# Special Issue

## Computational Methods and Application in Machine Learning

### Message from the Guest Editors

Machine learning is an interdisciplinary subject involving probability theory, statistics, approximation theory, convex analysis, optimization, algorithm complexity theory, etc. The main focus of this Special Issue is the progress of machine learning methods and applications, as well as emerging intelligent applications and models in topics of interest, including, but not limited to, information retrieval, expert systems, automatic reasoning, natural language understanding, pattern recognition, computer vision, intelligent robot, and deep learning. The goal of this Special Issue is to establish a community of authors and readers to discuss the latest research, propose new ideas and research directions, and associate them with practical applications. In terms of application, we welcome papers including, but not limited to, the following topics: new machine learning models for vision, natural language, bioinformatics, intelligent robots and expert systems. We will consider any theoretically solid contributions to the fields related to machine learning.

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### Guest Editors

Dr. Chunwei Tian

Prof. Dr. Huawen Liu

Dr. Chengyuan Zhang

Prof. Dr. Weiren Yu

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### Deadline for manuscript submissions

closed (20 September 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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