Special Issue

Advances in Artificial Intelligence: Data, Methods and Interdisciplinary Applications

Message from the Guest Editors

In recent years, artificial intelligence (AI) and big data methods are becoming widely used toolkits in different scientific fields. The aim of this Special Issue is to publish original research articles covering advances in the data, model, theory, and application of artificial intelligence, especially its interdisciplinary applications, e.g., AI plus mathematics, AI plus physics, or AI plus chemistry. The topics of interest include but are not limited to the following:

- Analysis of data distribution problem;
- Analysis of data label problem;
- Analysis of data quality problems;
- Deep learning and machine learning;
- Explainable artificial intelligence;
- Applications of image analysis;
- Applications of AI and mathematics;
- Applications of AI and chemistry;
- Applications of AI and biology;
- Other AI interdisciplinary research.

Guest Editors

Prof. Dr. Fan Zhang

Prof. Dr. Songhe Feng

Prof. Dr. Yongsheng Zhou

Dr. Junlin Hu

Deadline for manuscript submissions

closed (31 August 2023)

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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

Prof. Dr. Francisco Chiclana
School of Computer Science and Informatics, De Montfort University, The Gateway, Leicester LE1 9BH, UK

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