Special Issue

Mathematical Method and Application of Machine Learning

Message from the Guest Editors

In recent years, artificial intelligence has rapidly entered the public field of vision and ushered in a period of rapid development of the industry worldwide. As a component of artificial intelligence, machine learning is an important driving force of scientific research and the application of artificial intelligence and will bring a series of fundamental changes to the traditional decision-making mechanism. At present, machine learning has been widely used in industrial and agricultural production. transportation, the military, and information technology and has made many remarkable achievements. To promote the cross-integration of machine learning, industrial production, and social life, and actively carry out interdisciplinary exploratory research and show the achievements of machine learning applications, we hereby organize this Special Issue.

Guest Editors

Prof. Dr. Xunlin Zhu

School of Mathematics and Statistics, Zhengzhou University, Zhenghzou 450052, China

Prof. Dr. Lijun Pei

School of Mathematics and Statistics, Zhengzhou University, Zhengzhou 450001, China

Deadline for manuscript submissions

closed (20 July 2023)



Mathematics

an Open Access Journal by MDPI

Impact Factor 2.2 CiteScore 4.6



mdpi.com/si/96400

Mathematics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
mathematics@mdpi.com

mdpi.com/journal/mathematics





Mathematics

an Open Access Journal by MDPI

Impact Factor 2.2 CiteScore 4.6



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

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), RePEc, and other databases.

Journal Rank:

JCR - Q1 (Mathematics) / CiteScore - Q1 (General Mathematics)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.4 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).

