

Special Issue

Recent Advances in Computational Intelligence and Its Applications

Message from the Guest Editors

Computational Intelligence (CI) is an evolving field that develops or applies a set of nature-inspired methodologies and algorithms to address complex problems in practice. It encompasses different computational paradigms, such as evolutionary computation, swarm intelligence, fuzzy systems, artificial neural networks, and deep learning systems. The methodologies and algorithms are being widely used to handle the complex engineering problems to which the mathematical or traditional modeling methods are ineffective. The purpose of this Special Issue is to gather a collection of latest studies in CI and the related fields, from either theoretical or practical perspectives. We welcome new or improved methods to solve problems of optimization, learning, and decision support. Particular interest is also paid to the applications of CI to practical fields like intelligent transportation, social networks, and the Internet of Things. We invite authors to submit research articles and/or review articles that fit this purpose.

Guest Editors

Prof. Dr. Yuejiao Gong

School of Computer Science and Technology, South China University of Technology, Guangzhou 510006, China

Dr. Ting Huang

Guangzhou Institute of Technology, Xidian University, Guangzhou 510555, China

Deadline for manuscript submissions

closed (31 December 2022)



Mathematics

an Open Access Journal
by MDPI

Impact Factor 2.2
CiteScore 4.6



mdpi.com/si/91632

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

[mdpi.com/journal/
mathematics](https://mdpi.com/journal/mathematics)





Mathematics

an Open Access Journal
by MDPI

Impact Factor 2.2
CiteScore 4.6



[mdpi.com/journal/
mathematics](https://mdpi.com/journal/mathematics)



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).