

Special Issue

Advances in the Research of Complex Network Algorithms

Message from the Guest Editor

The study of complex networks focuses on understanding the intricate relationships and patterns within interconnected systems. Statistical structural analysis plays a crucial role in this field, providing tools to quantify and interpret the global organization and properties of complex networks. This involves analyzing various network properties with the aim to identify patterns, quantify structural features, and develop models to explain the network's behavior. By applying statistical techniques, researchers can quantify these properties and test hypotheses about network formation and evolution. This analysis helps us understand how complex networks function, evolve, and influence various phenomena across diverse fields.

Guest Editor

Dr. Jianjia Wang

School of Artificial Intelligence and Advanced Computing (AIAC), Xi'an Jiaotong-Liverpool University, Suzhou 215412, China

Deadline for manuscript submissions

31 December 2025



Mathematics

an Open Access Journal
by MDPI

Impact Factor 2.2
CiteScore 4.6



mdpi.com/si/205168

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).