

Special Issue

Recent Advances in Harmonic Analysis and Applications

Message from the Guest Editor

Harmonic analysis is one of the core areas of modern analytical mathematics. Over the centuries, it has formed a huge subject system and has important and profound applications in the fields of mathematics, information processing, probability, and quantum mechanics. This Special Issue, entitled “Recent Advances in Harmonic Analysis and Applications”, is devoted to collecting research papers on the recent progress in harmonic analysis, as well as some applications in various fields of mathematics, such as partial differential equations, probability, and geometry. We would like to invite original research articles that provide new results in this subject. All topics in harmonic analysis and related applications are welcome, in particular, the theory of linear and multilinear Calder $\{o\}$ n-Zygmund operators, real analysis and abstract analysis, etc. Potential topics can be related to, but are not limited to, the keywords listed below.

Guest Editor

Prof. Dr. Qingying Xue

School of Mathematical Sciences, Beijing Normal University, Beijing 100875, China

Deadline for manuscript submissions

closed (31 December 2023)



Mathematics

an Open Access Journal
by MDPI

Impact Factor 2.2
CiteScore 4.6



mdpi.com/si/97188

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 17.3 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the second half of 2025).