

Special Issue

Mathematics for Visual Computing: Acquisition, Processing, Analysis and Rendering of Visual Information

Message from the Guest Editor

This Special Issue aims to publish recent advances in mathematical modelling, algorithms and applications for visual computing that involve acquisition, processing, analysis and rendering of visual information. In this Special Issue, original research articles and reviews are welcome. Topics appropriate for this Special Issue include, but are not limited to, mathematical modelling in visual computing, computational methods in machine learning, feature representation and learning of visual information, explainable artificial intelligence based on visualization, information registration and fusion based on visual computing in multi-modal, multi-scale and multi-temporal images, segmentation and classification of visual information, representation and rendering of visual information, virtual and augmented reality in image-guided applications, and so on. We look forward to receiving your contributions.

Guest Editor

Dr. Bin Li

School of Automation Science and Engineering, South China University of Technology, Guangzhou 510640, China

Deadline for manuscript submissions

closed (28 February 2026)



Mathematics

an Open Access Journal
by MDPI

Impact Factor 2.2
CiteScore 4.6



mdpi.com/si/201507

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).