

Special Issue

Innovative Intelligent Systems in Computer Vision: Methodologies, Algorithms, and Applications

Message from the Guest Editor

This Special Issue seeks original research and review articles focused on **innovative intelligent systems** in the field of **computer vision**, with emphasis on mathematical methodologies, learning algorithms, and their real-world applications. Fueled by rapid developments in deep learning and AI, computer vision has emerged as a dominant discipline across science and engineering.

We welcome contributions that explore the following:

- Foundational models and novel algorithmic frameworks;
- Mathematical analysis and performance evaluation;
- Practical deployments in fields such as autonomous systems, healthcare, and industrial automation.

Topics of interest include (but are not limited to): object detection, image segmentation, pattern recognition, scene understanding, video analytics, multimodal learning, and visual computing at the edge.

We also encourage review articles that provide a comprehensive synthesis of current trends or spotlight emerging opportunities in this vibrant domain.

Guest Editor

Dr. Ali Al Bataineh

Department of Electrical and Computer Engineering, Norwich
University, Northfield, VT, USA

Deadline for manuscript submissions

31 March 2026



Mathematics

an Open Access Journal
by MDPI

Impact Factor 2.2
CiteScore 4.6



mdpi.com/si/244609

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).