

Special Issue

Image Processing and Generation, Pattern Recognition, and Data Visualization

Message from the Guest Editors

We are pleased to announce a Special Issue of the journal *Mathematics* entitled "Image Processing and Generation, Pattern Recognition, and Data Visualization". This Special Issue focuses on the application of mathematical principles and techniques primarily in the field of digital image processing, pattern recognition, and understanding and visualizing digital information and data, including image generation for artistic purposes. It also includes various artificial intelligence techniques such as machine learning and deep learning, which can extract significant information from complex images and help to support the understanding of visual information, as well as being used to solve either low- or high-level image processing challenges.

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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.

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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).