Special Issue

Advances in Mathematical Methods for Image Processing and Pattern Recognition

Message from the Guest Editor

The relevance of artificial intelligence has attracted much attention, and has also sparked great interest in the development of image-processing and pattern-recognition algorithms to solve a wide variety of real-world problems using mathematical skills.This Special Issue is intended as a forum aimed at encouraging new mathematical methods in the fields of image processing and pattern recognition. Specifically, from the perspective of the fields of mathematics relevant to modern applications, research topics have discovered key correlations between the two, with mathematical methods including, but not limited to, the design of nonlinear classifiers, optimization under specific conditions, or feature selection based on probabilistic latent graphs.Papers of both theoretical and applied nature are welcome, as well as original contributions to the theories, methods, discoveries, and applications of image processing and pattern recognition. Papers with mathematical analysis and practical applications are particularly welcome.

Guest Editor

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Deadline for manuscript submissions

closed (31 July 2023)

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Mathematics

an Open Access Journal by MDPI

Impact Factor 2.2 CiteScore 4.6

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.

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