

## Special Issue

# Mathematical Modeling and Analysis in Pattern Recognition and Computer Vision

### Message from the Guest Editor

Mathematical Modeling and Analysis in Pattern Recognition and Computer Vision are essential due to their rigorous framework for formulating and analyzing problems, which is crucial for ensuring the robustness and accuracy of algorithms that process large volumes of visual data. The integration of new mathematical techniques fosters interdisciplinary collaboration, leading to innovative discoveries and accelerating progress. Robust mathematical models are key to improving the accuracy and reliability of practical applications. Additionally, these approaches enable the creation of adaptable models that can generalize across various contexts, driving the development of flexible technologies. Therefore, advances in mathematical modeling are critical to advancing the field and transforming theoretical innovations into impactful real-world applications.

I look forward to receiving your contributions.

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### Guest Editor

Prof. Dr. Manuel S. Lazo-Cortés

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### Deadline for manuscript submissions

28 February 2026



## Mathematics

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### 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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### Editor-in-Chief

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