

Special Issue

Research on Computational Geometry and Computer Graphics

Message from the Guest Editor

The Special Issue "Research on Computational Geometry and Computer Graphics" will focus on recent theoretical and computational studies in the areas of computational geometry and computer graphics. Topics include (but are not limited to) the following:

- Geometric algorithms;
- Geometric data structures;
- Geometric optimization;
- Geometric modeling;
- Robotics and motion planning;
- Geometry processing;
- Continuous/discrete representation of curves and surfaces;
- Shape analyses;
- Discrete differential geometry;
- Shape optimization;
- Geometric feature modeling and recognition;
- Geometric learning/data-driven approaches.

Geometric deep learning techniques for 3D modeling are highly encouraged in this Special Issue.

Guest Editor

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Deadline for manuscript submissions

closed (25 November 2025)



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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 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).