

Special Issue

New Trends in Algebraic Geometry and Its Applications, 2nd Edition

Message from the Guest Editor

Unirational algebraic varieties, in particular curves and surfaces, play an important role in many fields, such as algebraic geometry, computational geometry, computer-aided design, computer graphics, and geometric modeling. Consequently, algorithms and results dealing with different algebraic and geometric problems involving these geometric objects are very important. The Special Issue on “New Trends in Algebraic Geometry and Its Applications” is directed at mathematicians and computer scientists who have a particular interest in algebraic geometry and its applications. In particular, this Special Issue is intended to facilitate communication between researchers who are addressing fundamental algorithmic issues in the treatment of curves and surfaces (from the symbolic and also numeric points of view).

Guest Editor

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Deadline for manuscript submissions

closed (28 February 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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