Applications of Differential and Algebraic Geometry

Guest Editor:

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Message from the Guest Editor

Numerous problems in applied mathematics, machine learning, statistics, probability theory, computer vision, optimization, dynamical systems, automatic control, biology, economics, physics and many other fields can be advantageously formulated in a geometrical framework.

This often leads to beautiful geometrical problems with differential or algebraic aspects.

This Special Issue is devoted to research on the applications of geometry, either differential or algebraic, to any field. Theoretical results that emerged from an applied context are also very relevant to this Special Issue.

We invite authors to submit original research articles and high-quality review articles that fit the scope of this Special Issue.

Special Issue

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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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