Special Issue

Modern Trends in Game Theory and Optimal Control

Message from the Guest Editors

This Special Issue on "Modern Trends in Game Theory and Optimal Control" will focus on the latest advancements in the methodologies and applications of game theory and optimal control, including, but not limited to, mean field games and mean field control. We seek articles that compare existing frameworks with emerging approaches, as well as those that provide an overview of new models and numerical analyses. Contributions are expected to encompass either general theoretical developments or specific applications across various fields, including, but not limited to, financial mathematics, engineering, and machine learning. We encourage submissions that avoid purely conjectural approaches. We welcome authors from around the globe, particularly those engaged in rigorous research that advances our understanding of game theory and optimal control in contemporary settings.

Guest Editors

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Deadline for manuscript submissions

31 July 2025

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Mathematics

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Impact Factor 2.2
CiteScore 4.6

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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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