

Special Issue

Differential Games and Its Applications, 2nd Edition

Message from the Guest Editors

The theme of this Special Issue is focused on differential games and their latest developments. Potential topics include but are not limited to:

- Differential games of pursuit and evasion;
- Games for dynamic equations on time scales;
- Two-person zero-sum differential games;
- Linear-quadratic differential games;
- Dynamic games;
- Differential games described by PDE;
- Applications of differential games to biology, computer science, economics, engineering, management science, operations research, and political science;
- Deterministic and stochastic differential games with partial observation;
- Links between incomplete information games in continuous time and repeated time games;
- Hamilton–Jacobi equations for incomplete information games;
- Continuous time games;
- Pursuit and evasion differential games with incomplete information;
- Differential games on graphs;
- Hamilton–Jacobi equations in optimal control and differential games;
- Stochastic differential games;
- Evolutionary games;
- Differential games described by the infinite system of differential equations;
- Numerical methods for differential games.

Guest Editors

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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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