

Special Issue

Game and Decision Theory Applied to Business, Economy and Finance, 2nd Edition

Message from the Guest Editor

Game theory is a branch of mathematics dedicated to designing models that make predictions under the assumption that the interacting (or negotiating) agents are rational. It can be applied to a wide range of research fields, including computer science and the social sciences. Game theory has been used in business, financial decision-making, presidential elections, jury deliberations, and biology. Its origin stems from the need to make logical decisions in situations of conflict and negotiation where multiple choices emerge. Within game theory, the information available for each player is crucial for informed decision-making. The purpose of this Special Issue, "Game and Decision Theory Applied to Business, Economy and Finance, 2nd Edition" is to present contributions that apply game theory to industry, business, economics, and finance. Alternative submissions focusing on other related areas may also be considered. Models based on decision trees, machine learning and other analytical approaches are likewise welcome.

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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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