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Game Theory with Applications to Economics

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

Game theory, which deals with strategic interactions among multiple decision makers in a context with predefined rules and outcomes, is a major research branch in economic theory. It is noteworthy that game theory is not only interesting from a theoretical point of view, but is also an important tool to understand the real behavior of society. Furthermore, there has also recently been an almost exponentially growing interest in the application of game theory concepts and tools to research on control, multiagent systems, and networks due to the irruption and attractiveness of artificial intelligence.

This Special Issue aims to further the state-of-the-art. We encourage the submission of papers underscoring recent advances in theory and application of game theory to economics. We are interested in new cutting-edge applications of game theory, including behavioral and experimental economWics applications. A few topic areas are highlighted below:

Industrial organization; Bargaining; Networks; Mechanism design Auctions; Voting theory; Experimental economics; Political economy; Behavioral economics; Experiments; Artificial intelligence; Computer science.



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