Special Issue

Intelligent Operations, Game Analysis and Decision Making in Platform-Based Supply Chains

Message from the Guest Editor

In the contemporary business landscape, platform-based supply chains have emerged as a pivotal force. These supply chains leverage digital platforms to integrate manufacturers, suppliers, retailers, and customers into a cohesive and dynamic ecosystem. This integration has not only enhanced efficiency but also introduced new complexities that require advanced methodologies to manage and optimize. This Special Issue invites submissions exploring intelligent operations, game analysis, and decision making in platform-based supply chains. It seeks high-quality research leveraging mathematical models, algorithms, and computational analysis to address challenges in platform-based supply chain optimization, resource allocation, and strategic interactions. Topics of interest include, but are not limited to, the following: Game analysis and decision making: Modeling competition, cooperation, and incentive design in platform-based supply chain; Mathematical models and algorithms: Solving complex optimization problems in multi-agent platform systems; Data-driven approaches: Extracting valuable insights to enhance strategic interactions and intelligent operations.

Guest Editor

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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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