Special Issue

Advances in Mathematical Modeling and Optimization for Business Analytics

Message from the Guest Editors

Mathematical modeling and optimization play a crucial role in addressing complex decision-making challenges across modern business domains, such as supply chain management, finance, marketing, and operations. As data become increasingly central to business strategy, integrating mathematical rigor with real-world applications is more important than ever. This Special Issue aims to highlight recent advances, emerging trends, and innovative methodologies at the intersection of mathematical modeling, optimization, and business analytics. We invite researchers and practitioners to submit original research and critical survey manuscripts that propose novel models, solution approaches, or insights into the application of optimization and analytics in business contexts. This Special Issue seeks to foster interdisciplinary contributions that bridge theoretical developments with practical business impact.

Guest Editors

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Deadline for manuscript submissions

20 December 2025

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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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