

Special Issue

Combinatorial Optimization and Artificial Intelligence for Logistics and Supply Chain Management and Production Efficiency

Message from the Guest Editors

This Special Issue aims to explore the intersection of combinatorial optimization and artificial intelligence (AI) in enhancing logistics and supply chain management (SCM) and improving production efficiency. The focus will be on innovative methodologies with practical applications and case studies that demonstrate how these fields can synergistically advance operational efficiency and decision-making processes.

We invite contributions that address, but are not limited to, the following topics:

Combinatorial Optimization Techniques:

Artificial Intelligence Applications:

Integration of AI and Optimization:

Sustainability and Efficiency:

Emerging Trends and Technologies.

Researchers and practitioners are encouraged to submit original research articles, reviews, and case studies that contribute to the understanding of the role of combinatorial optimization and AI in logistics and supply chain management. All submissions will undergo a rigorous peer-review process to ensure the highest quality of published work.

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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