

# Special Issue

## Theoretical and Applied Mathematics in Supply Chain Management

### Message from the Guest Editor

Theoretical and applied mathematics play a crucial role in supply chain management. Supply chain management involves the coordination of the flow of goods, services, and information from raw materials to finished products delivered to customers. For example, mathematical models are developed to represent the flow of goods and services in a supply chain. These models can identify bottlenecks, reduce inventory and transportation costs, increase efficiency, and improve customer service. More complicated maths, such as calculus, stochastic models, and queuing theories, is applied to help with inventory management. In this Special Issue, we encourage submissions providing new contributions at the theoretical level as well as in terms of applications, to provide directions in which novel ideas might be applied in the context of supply chain management. Potential topics include, but are not limited to, the following:

<https://www.mdpi.com/si/mathematics/2RZ4GAM2O8>

### Guest Editor

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### Deadline for manuscript submissions

30 November 2025



## Mathematics

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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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### Editor-in-Chief

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