

Special Issue

Optimization Models and Algorithms in Data Science

Message from the Guest Editors

This Special Issue focuses on the optimization and applications of models and algorithms in data science. The papers in this Special Issue cover various aspects of data science, including novel algorithms and models, theoretical analysis, and applications in real-world problems. Some of the topics covered include tensor decomposition, tensor robust principal component analysis, tensor completion, low-rank models, multi-view clustering and sparse coding. Tensor decomposition is a powerful tool for modeling high-dimensional data and has applications in a wide range of fields, including image processing, signal processing, and machine learning. The papers also showcase the latest developments in low-rank models and their application in data science.

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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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