Mathematical Data Science with Applications in Business, Industry, and Medicine

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Message from the Guest Editors

Mathematical data science is a field that combines mathematical techniques with data science methods to extract insights and knowledge from data. It includes working with data at all stages of the data life cycle, from collection and storage, to cleansing and processing, analysis and visualization of data, and communication of results and findings. Data scientists use a variety of tools and techniques to analyze data, including mathematical concepts and models, artificial intelligence techniques, machine learning algorithms, statistical analysis, and data visualization. Data science can be used to make predictions, identify patterns, and draw conclusions from data, and it is applied in a variety of areas, including business, industry, and medicine. It is a rapidly evolving field, and data scientists are expected to stay up to date with new tools, techniques, and technologies.

We welcome submissions on the latest developments in mathematical data science and its applications. This Special Issue is intended to highlight the importance of mathematical data science, particularly in the application areas of business, industry, and medicine.

Special Issue

Editor-in-Chief

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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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