

Special Issue

Statistics and Data Sciences

Message from the Guest Editors

As we advance into the era of large-scale, data-centric research, fields like **Large Vision Models (LVMs)**, **Multimodal Image Processing**, **3D Computer Vision**, and **Robotics Vision** have become central to modern computer vision and data science. These domains require sophisticated statistical and data science methodologies to analyze and interpret extensive, high-dimensional datasets, enabling breakthroughs in fields like autonomous robotics, augmented reality, and multimodal AI. This Special Issue aims to explore the role of mathematical and statistical foundations in developing and optimizing models for these cutting-edge applications. This Special Issue seeks to bridge theoretical research and practical applications, encouraging submissions that showcase innovative statistical methods and data science techniques that advance the fields of computer vision and multimodal AI. Through this collection, we aim to offer new perspectives on the integration of multimodal data, advanced vision models, and statistical approaches, driving the future of intelligent and autonomous systems.

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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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