Special Issue

Statistics and Machine Learning in Mathematical Sciences

Message from the Guest Editor

In today's data-driven world, the interplay between statistics and machine learning has become crucial in advancing mathematical sciences and solving complex real-world problems. With the exponential growth of data and the increasing complexity of mathematical challenges across various domains, there is a pressing need for innovative approaches that combine statistical rigor with the adaptive power of machine learning. This Special Issue aims to explore the transformative impact of statistical methods and machine learning algorithms within the realm of mathematical sciences.   This Special Issue seeks to collect papers that present groundbreaking theoretical advances, innovative methodologies, and practical applications in statistics and machine learning. We are particularly interested in papers that present new theoretical developments and offer insights into the integration of statistical and machine learning techniques in solving complex mathematical problems.

Guest Editor

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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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