

Special Issue

Mathematical Method and Application of Machine Learning

Message from the Guest Editors

In recent years, artificial intelligence has rapidly entered the public field of vision and ushered in a period of rapid development of the industry worldwide. As a component of artificial intelligence, machine learning is an important driving force of scientific research and the application of artificial intelligence and will bring a series of fundamental changes to the traditional decision-making mechanism. At present, machine learning has been widely used in industrial and agricultural production, transportation, the military, and information technology and has made many remarkable achievements. To promote the cross-integration of machine learning, industrial production, and social life, and actively carry out interdisciplinary exploratory research and show the achievements of machine learning applications, we hereby organize this Special Issue.

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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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