Special Issue

Recent Progress in Big Data and Artificial Intelligence: Modern Methods and Applications

Message from the Guest Editor

Being at the intersection of computer science, information engineering, and mathematics, artificial intelligence techniques have become an essential part of our lives. Nowadays, we find practical applications of artificial intelligence in almost every field of activity, from self-driving cars to speech recognition or fraud detection systems. Big data is tightly coupled with artificial intelligence. Not only do new big data technologies greatly benefit from artificial intelligence methods but the development of new artificial intelligence techniques also relies on big data technology and use big data sources. This Special Issue focuses on advances in artificial intelligence methods and their applications using big data sources and technologies. Topics of interest include but are not limited to soft computing methods such as artificial neural networks, fuzzy systems, or evolutionary computation, intelligent agents and multi-agent systems and their applications, and machine learning techniques.

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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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