Special Issue

Artificial Intelligence, Pattern Recognition and Data Learning with Applications in Engineering and Science

Message from the Guest Editors

The foundation of machine learning is found in computer science and mathematics. When machine learning (ML) methods are discussed, probability and statistics are the tools that will help you to understand their behaviors the best. With this technique, automatic data learning, performance enhancement, and prediction are all feasible. The sophisticated set of algorithms known as machine learning enables us to automatically spot patterns in data. Patterns serve as a unique identity for everything in the current digital era. Algorithms can be used to detect patterns visually or statistically. Pattern recognition is the process of locating and examining data patterns. Items are assigned to a class during the recognition or categorization process. This Special Issue will focus on the topics of recent advancements in different areas of pattern recognition and artificial intelligence (AI), such as statistical, structural, and syntactic pattern recognition, signal processing, image processing, feature extraction and selection, machine learning, data mining, neural networks, computer vision, multimedia systems, information retrieval, etc.

Guest Editors

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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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