

Special Issue

Bioinformatics, Computational Theory and Intelligent Algorithms

Message from the Guest Editors

Big data have become fundamental in various science, technology, and engineering fields. As our ability to store vast datasets grows, so does the need to develop advanced computational algorithms for analyzing and extracting meaningful information. This necessitates the creation of effective and functional machine learning methods and the computational and numerical approaches to implement them efficiently. Artificial intelligence applications are vast and far-reaching, impacting and revolutionizing fields like healthcare, engineering, fraud detection, climate science, information science, and more fundamental sciences like physics and chemistry. As such, algorithm development and advances in computational performance are fundamental topics in today's research at the crossroads of applied mathematics, statistics, and computer science. This Special Issue aims to foster discussions and insights in this multidisciplinary field.

Guest Editors

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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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