Special Issue

Advances in Algorithms, Data Structures, and Computing

Message from the Guest Editors

Advances in algorithms, data structures, and computing focus on recent advancements in mathematical computing and algorithms, highlighting innovative approaches and solutions that contribute to the efficiency, scalability, and applicability of algorithms as well as data structures in complex computational environments. The rapid evolution of computational techniques has enabled more precise and powerful tools for solving problems across diverse fields, including optimization, numerical analysis, machine learning, and data science. We invite submissions that explore novel algorithms, data structures, and computational models, as well as improvements to existing methods, especially those that enhance performance in mathematical and computational tasks. Topics of interest include, but are not limited to, algorithmic design and analysis, parallel and distributed computing, computational complexity, graph algorithms, numerical methods, cryptography, and optimization techniques.

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Deadline for manuscript submissions

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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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