

Special Issue

Numerical Methods for Scientific Computing

Message from the Guest Editors

The Special Issue, “Numerical Methods for Scientific Computing”, focuses on the application and development of computational techniques for solving scientific problems and delves into various numerical methods employed in fields such as physics, engineering, mathematics, and more. The Special issue explores topics including numerical differential equations, numerical optimization, numerical linear algebra, numerical multilinear algebra, eigenvalue problems and nonlinear eigenvalue problems, and matrix and tensor approximation. The emphasis is placed on the theoretical foundations, algorithmic advancements, and practical applications of these numerical techniques. By addressing these areas, this Special Issue aims to contribute to the advancement of scientific computing and its interdisciplinary applications.

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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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