

Special Issue

Advancements in Application of Scientific Computing and Numerical Analysis

Message from the Guest Editor

This special issue is dedicated to applications in scientific computing and numerical analysis ranging from high-performance numerical algorithms to large-scale computational problems and the development of such methods utilizing ordinary and partial differential equations, optimization, linear algebra, and any mathematical technique that underlies these types of computations. The analysis of numerical methods in a diverse range of problems arising from science and engineering are among the topics covered in this issue. In this Special Issue, we invite high-quality research papers on new advances in scientific computing and numerical analysis. We welcome contributions of original research articles as well as review articles that aim to advance computational methodologies and their applications.

Guest Editor

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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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