Advances in Computational Science and Its Applications

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Deadline for manuscript submissions:
closed (31 May 2024)

Message from the Guest Editors

Computational science is a discipline concerned with the development of numerical methods to model, simulate and analyse scientific problems. As a highly interdisciplinary area, computational sciences bring together applied mathematics, statistics, computer science, mechanics etc. Computational science is rapidly growing, and finds important applications in a wide range of fields. For example, it plays a fundamental role in engineering, chemistry, and physics. It also has many branches in social science, such as computational economics, computational sociology, cliodynamics and culturomics. For this Special Issue, we invite original research articles and survey papers on the state-of-the-art theoretical research and applications of computational science. Manuscripts that address the industrial and societal problems associated with COVID-19 are particularly welcome.

Special Issue

Editor-in-Chief

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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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