

Special Issue

Computational Models and Algorithms for Domain-Specific Accelerators

Message from the Guest Editors

For this Special Issue, we are inviting computer scientists to submit original results or surveys investigating the implications of DSAs in a broad sense. Possible research topics include, but are not limited to, the following.

- Computational models for DSAs.
- Design and analysis of algorithms for DSAs, as well as experimental results on the applications of such algorithms.
- Theoretical limits to processor specialization.

We particularly welcome contributions for computations not originally intended by the designers of the DSAs, and/or in unconventional application domains, and contributions concerning computational models that encompass multiple DSAs or classes of DSAs.

Guest Editors

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Deadline for manuscript submissions

closed (31 December 2021)



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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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manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.4 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).