

Special Issue

Computations in Mathematics, Mathematical Education, and Science

Message from the Guest Editor

This Special Issue explores the synergy between mathematics and computation across diverse educational levels. At the pre-college stage, we seek examples where computation brings forth profound mathematical concepts within everyday topics and aids in comprehending traditionally challenging subjects. For college-level education, we invite articles showcasing how computational approaches balance informal and formal learning of mathematical ideas. In science applications, we welcome submissions illustrating how symbolic computations facilitate the transition from experimental results to formal justifications. Key Questions:

- How do computations influence mathematical research?
- How are computations integrated into PK-12 mathematics educator training?
- How does the growth of online degree programs affect the use of digital technology within mathematics courses of such programs?
- How does the use or computations affect research in science?
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Join us in uncovering the dynamic interplay between mathematics and computation, driving advancements in understanding and practical applications in education and science.

Guest Editor

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

You are invited to submit the results of your research for consideration and publication in *Computation*, an international open access journal, which is published monthly online by MDPI.

The editorial board and staff of *Computation* are dedicated to establishing a benchmark journal for the world scientific and engineering communities for original research articles, reviews, conference proceedings (i.e., peer reviewed full articles), and communications, in the cutting-edge areas of computational biology, computational chemistry, computational social science and computational engineering.

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