Special Issue

Challenges in STEM Education

Message from the Guest Editors

This Special Issue of *Mathematics* will be devoted to the role of information and communication technologies (ICT) in STEM (Science, Technology, Engineering, Mathematics) education, which was very important during the pandemic situation of Covid-19 at universities. The inclusion of ICT has a potential transformative effect on education. Firstly, it enhances science education by understanding complex or remote concepts via visualization, using inquiry-based learning and different kinds of models, and facilitating the creative processes, which are crucial in STEM education. Furthermore, ICT can support, mediate, and promote the 21st century skills required for effective creativity, cooperation, communication, and critical thinking...

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Deadline for manuscript submissions

closed (31 January 2022)

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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