

Special Issue

Mathematics as the M in STEM Education

Message from the Guest Editors

STEM education includes science, technology, engineering and mathematics. STEM education as an area of inquiry is new to academia. Many researchers view STEM education as an interdisciplinary approach that builds connections between content and real-world contexts. Mathematicians and mathematics educators express some concerns that an emphasis on STEM education may dilute the emphasis on mathematics content. This Special Issue on mathematics in STEM education will include both theoretical, and empirical papers. The goal is to provide in-depth perspectives that highlight how mathematics interacts across the STEM disciplines or with one of the disciplines. It is important to note that computer science is included in STEM as an elaboration of the T for technology. Manuscripts are encouraged from scholars across the STEM disciplines as well as education, psychology, sociology and the learning sciences.

Guest Editors

Prof. Dr. David Pugalee

Dr. Michelle Stephan

Dr. Erdinç Çakıroğlu

Deadline for manuscript submissions

closed (30 September 2022)



Mathematics

an Open Access Journal
by MDPI

Impact Factor 2.2
CiteScore 4.6



mdpi.com/si/83750

Mathematics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
mathematics@mdpi.com

[mdpi.com/journal/
mathematics](https://mdpi.com/journal/mathematics)





Mathematics

an Open Access Journal
by MDPI

Impact Factor 2.2
CiteScore 4.6



[mdpi.com/journal/
mathematics](https://mdpi.com/journal/mathematics)



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.

Editor-in-Chief

Prof. Dr. Francisco Chiclana

School of Computer Science and Informatics, De Montfort University,
The Gateway, Leicester LE1 9BH, UK

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), RePEc, and other databases.

Journal Rank:

JCR - Q1 (Mathematics) / CiteScore - Q1 (General Mathematics)

Rapid Publication:

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).