

Special Issue

Securing Software Through Mathematics and Domain-Specific Knowledge: Innovations and Applications

Message from the Guest Editors

Software security and domain knowledge are critical pillars in modern computing, driving innovation across industries such as healthcare, finance, and critical infrastructure. As systems become increasingly complex, the integration of domain-specific knowledge and robust security measures is essential to address emerging threats and ensure reliability. We invite you to contribute original research articles focusing on mathematical innovations and challenges in software security and domain knowledge engineering. This Special Issue aims to showcase cutting-edge research that bridges theoretical foundations with practical applications, fostering interdisciplinary collaboration.

Broad Topics

- **Mathematical Innovations in Domain Knowledge Engineering**
- **Mathematical Methods in Software Security**
- **AI-Driven Security**
- **Formal Methods**
- **Cybersecurity in Emerging Technologies**

Guest Editors

Dr. Wei Zheng

School of Software, Northwestern Polytechnical University, Xi'an, China

Dr. Xiaoxue Wu

School of Information Engineering, Yangzhou University, Yangzhou 225000, China

Deadline for manuscript submissions

15 November 2026



Mathematics

an Open Access Journal
by MDPI

Impact Factor 2.2
CiteScore 4.6



mdpi.com/si/236033

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

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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.

Editor-in-Chief

Prof. Dr. Francisco Chiclana
School of Computer Science and Informatics, De Montfort University,
The Gateway, Leicester LE1 9BH, UK

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Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.3 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the second half of 2025).