# Special Issue

## Analytical Frameworks and Methods for Cybersecurity, 2nd Edition

### Message from the Guest Editor

Dear colleagues, We are inviting submissions to the Mathematics Special Issue on *"Analytical Frameworks and Methods for Cybersecurity, 2nd Edition".* Critical infrastructures, the provision of essential services as well as individual and group perceptions are increasingly under sophisticated attack through cyberspace. The application of adequate frameworks and advanced analytical methods can increase the effectiveness of mitigation and protection measures as well as the response to cyberattacks. This Special Issue is dedicated to rigorous analytics including, but not limited to, deep learning over big data to model attacks, providing situational awareness, detecting anomalies, classifying intrusion attempts, coordinating the response, optimizing resilience measures, protecting information and communications, and minimizing the vulnerabilities of network and information systems and supply chains.

### Guest Editor

Prof. Dr. Todor Tagarev

Institute of Information and Communication Technologies, Bulgarian Academy of Sciences, 1113 Sofia, Bulgaria

### Deadline for manuscript submissions

31 March 2026

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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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