

Special Issue

New Advances in Network Security and Data Privacy

Message from the Guest Editors

As digital technologies rapidly evolve, modern networks are increasingly vulnerable to a wide array of sophisticated threats, including advanced persistent threats, ransomware, AI-driven intrusions, and large-scale data breaches. Simultaneously, the pervasive collection and analysis of user data across platforms raises significant concerns regarding individual privacy, regulatory compliance, and ethical data use.

In response to these challenges, this Special Issue highlights emerging threats in network security and promotes novel countermeasures and privacy-preserving techniques. We invite high-quality, original research contributions that advance the state of the art in network security and data privacy. Submissions may include theoretical foundations, practical solutions, or interdisciplinary approaches that tackle real-world problems.

Guest Editors

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Prof. Dr. Hongwei Li

Prof. Dr. Robert H. Deng

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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.

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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).