Special Issue

Network Security in Artificial Intelligence Systems

Message from the Guest Editors

AI network security refers to the measures taken to protect artificial intelligence (AI) systems and their networks from unauthorized access, theft, damage, and disruption. With the increasing use of AI in various industries and applications, the need for secure AI networks has become more critical. Encryption is one of the most important methods used in AI network security. Another important method is the use of firewalls, which are hardware or software systems that block unauthorized access to a network. Intrusion detection and prevention systems are also used in AI network security. These systems monitor network activity and identify suspicious behavior, allowing administrators to respond quickly to potential threats. Access control systems, which limit access to sensitive data based on user roles and permissions, are another important part of AI network security. By ensuring that only authorized users can access sensitive data, the risk of unauthorized access or theft is reduced. Editors are invited to submit original and high-quality papers on the application of network security in artificial intelligence systems.

Guest Editors

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Deadline for manuscript submissions

closed (10 May 2025)

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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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