

Special Issue

Studies of Symmetry/Asymmetry in Cybersecurity

Message from the Guest Editors

In this Special Issue, we are particularly interested in submissions addressing current hot topics in cybersecurity, including the following:

- **Cloud Security:** Ensuring the protection of cloud environments.
- **Internet of Things (IoT) Security:** Safeguarding data and network security in IoT devices.
- **Artificial Intelligence and Machine Learning:** Utilizing these technologies for both enhancing cyber defenses and developing sophisticated attacks.
- **Chaos-based encryption:** Leveraging chaotic systems to enhance encryption methods and secure communications.
- **Supply Chain Security:** Ensuring the security of all software and hardware components.
- **Ransomware:** Addressing the persistent threat of ransomware attacks.
- **Zero Trust Architecture:** Implementing security frameworks that do not inherently trust any entity.
- **Critical Infrastructure Security:** Protecting essential services such as energy, water, and transportation from cyber attacks.
- **Data Privacy and Protection:** Comply with privacy regulations and protect personal information.
- **5G Network Security:** Securing the emerging 5G networks.
- **Insider Threats:** Detecting and mitigating threats originating from within the organization.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

Symmetry is ultimately the most important concept in natural sciences. It is not surprising then that very basic and fundamental research achievements are related to symmetry. For instance, the Nobel Prize in Physics 1979 (Glashow, Salam, Weinberg) was received for a unified symmetry description of electromagnetic and weak interactions, while the Nobel Prize in Physics 2008 (Nambu, Kobayashi, Maskawa) was received for the discovery of the mechanism of spontaneous breaking of symmetry, including CP symmetry. Our journal is named *Symmetry* and it manifests its fundamental role in nature.

Editor-in-Chief

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