

Special Issue

Symmetry in Security and Theoretical Computer Science

Message from the Guest Editors

The purpose of this Special Issue is to present the new advances, explorations, challenges, and solutions in applications, services, formal analysis, mathematical modeling, cryptographic methods, cyber security research, and development for the pre- and post-quantum era. Topics of interest include discoveries of theoretical computer science for emerging cyber security and cryptographic issues. Moreover, new security countermeasures and design methodologies for cryptographic protocols are focused on considering symmetry and theoretical computer science. The editors are looking forward to recent advances in related research, not limited to the following topics, providing a platform for researchers from both academia and industry to exchange their innovative ideas, theories, and applications.

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.

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