



symmetry



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Symmetry and Asymmetry in Cryptography, Second Edition

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Deadline for manuscript
submissions:

30 September 2024

Message from the Guest Editors

Dear Colleagues,

Due to the great success of our Special Issue "Symmetry and Asymmetry in Cryptography" we decided to set up a second volume.

Symmetry and asymmetry represent the basic nature of cryptography. Therefore, the additional symmetric/asymmetric properties of cryptographic schemes should be discussed. Alternatively, the essential usage of techniques based on symmetry or asymmetry should be considered. We solicit contributions not only on computational cryptography, but also information-theoretic or quantum cryptography.

Prof. Dr. Takeshi Koshiba

Prof. Dr. Milan Milosavljević

Guest Editors



mdpi.com/si/188780

Special Issue



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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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