



symmetry



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New Advances in Symmetric Cryptography

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Message from the Guest Editor

Dear Colleagues,

This Special Issue focuses on the use of fast and secure primitives in symmetric cryptography, including the design and analysis of block ciphers, stream ciphers, encryption schemes, hash functions, message authentication codes, (cryptographic) permutations, authenticated encryption schemes, cryptanalysis, etc.

Dr. Xiaoyang Dong
Guest Editor



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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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