Special Issue

Symmetric and Asymmetric Encryption in Blockchain

Message from the Guest Editors

The technology that is most likely to change the corporate world in the next ten years is not social networks, big data, cloud computing, robots; not even artificial intelligence, but blockchain." The main characteristics of blockchain technology are decentralization, high credibility, versatility, transparency, autonomy, non-changeable information, anonymity, traceability, irreversibility, intelligence, reward mechanism, and other characteristics. Blockchain technology is essentially a decentralized and open and transparent distributed database maintained by the collective. It has the characteristics of reliability and high confidentiality and has a good prospect in effectively solving the trust problem between the parties to the transaction. Symmetry is one of the most important notions in natural science. Therefore, we can try to combine blockchain and smart contract technology to make various applications possible. These applications include symmetry and asymmetry in mathematics, computer engineering, science, etc.

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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