Frontiers in Mathematical Methods of Secret Sharing and Applied Cryptography

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Message from the Guest Editor

Dear Colleagues,

Secret sharing encrypts secret information into shadows. For the reconstruction of this information, participants in the qualified set can decrypt the secret data, while participants in the nonqualified set have no information about the secret. Based on a beautiful property known as "threshold", secret sharing has received increasing attention from the research community due to its usefulness in multiparty secure computing, access control, and blockchain distributive storage. Although secret sharing has wide applications, its mathematical model for feature construction is widely criticised, which restricts its potential. In this Special Issue, we want to explore frontiers in the mathematical methods and applications of secret sharing and applied cryptography.

Prof. Dr. Xuehu Yan
Guest Editor

Special Issue

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Message from the Editor-in-Chief

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