Special Issue

Frontiers in Mathematical Methods of Secret Sharing and Applied Cryptography

Message from the Guest Editor

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.

Guest Editor

Prof. Dr. Xuehu Yan

College of Electronic Engineering, National University of Defense Technology, Hefei 230037, China

Deadline for manuscript submissions

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About the Journal

Message from the Editor-in-Chief

The journal *Mathematics* publishes high-quality, refereed papers that treat both pure and applied mathematics. The journal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering and sociology, particularly those that stress analytical/algebraic aspects and novel problems and their solutions. One of the missions of the journal is to serve mathematicians and scientists through the prompt publication of significant advances in any branch of science and technology, and to provide a forum for the discussion of new scientific developments.

Editor-in-Chief

Prof. Dr. Francisco Chiclana
School of Computer Science and Informatics, De Montfort University, The Gateway, Leicester LE1 9BH, UK

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