



Codes, Designs, Cryptography and Optimization, 2nd Edition

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Message from the Guest Editor

The aim of this Special Issue is to publish original research articles covering recent advances in any of the areas included in coding theory, cryptography, combinatorial design, and combinatorial optimization, with particular emphasis on establishing new synergies among them, and new applications to other fields and to the real world, including algebraic geometry, artificial intelligence, communication networks, computer science, hardware and software design, design of experiments, logistics, machine learning, and scheduling or transportation networks, among others.

Potential topics of this Special Issue include but are not limited to the following:

- Algebraic coding theory;
- Algorithm design and analysis;
- Block design theory;
- Computational complexity;
- Discrete structures: enumeration and classification;
- Error-correcting and error-detecting codes;
- Finite geometry;
- Graph theory;
- Modeling combinatorial optimization problems;
- Network design and analysis;
- Orthogonal arrays;
- Pseudorandom sequences;
- Quantum cryptography;
- Quasigroup theory;
- Secret sharing schemes.





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Message from the Editor-in-Chief

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