



Advances in Algebraic Coding Theory and Cryptography

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Message from the Guest Editor

Currently, algebraic codes are used not only for their original purpose for detecting and correcting errors, but also in information security systems. At the same time, a special interest in the theory of coding in cryptography is associated with the development of post-quantum cryptography. In addition, the use of error-correcting codes in information security systems has led to the creation of a special direction – code-based cryptography.

This Special Issue will focus on recent results in algebraic codes and their applications in cryptography. Topics include, but are not limited to, the following:

1. Algebraic codes in traditional communication channels;
2. Algebraic codes for quantum communication channels and data processing systems;
3. Algebraic codes in post-quantum cryptography;
4. Code-based cryptography;
5. Algebraic codes constructions;
6. Effective coding/decoding algorithms.





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Message from the Editor-in-Chief

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