Cryptography and Communications

Discrete Structures, Boolean Functions and Sequences
Editor-in-Chief: C. Carlet

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venue that bridges coding, cryptography, and communications
Offers an outlet for specialized work in information theory beyond
the traditional broad topical areas of other journals
Supplies a medium for dealing with discrete structures used in
cryptography applications

Cryptography and Communications Discrete Structures, Boolean Functions and Sequences (CCDS) publishes high-quality papers discussing cryptography, error correcting codes, communications and their interactions. The journal provides a forum for the research communities of these domains, and covers all the fundamental and computational aspects of these fields.

The journal publishes both theoretical and applied papers, with an emphasis on supporting applications. Applications include channel coding; wireless communications, including mobile phones and satellite communications; security of the internet; banking transfer security; e-commerce and embedded security devices.

The central topics of the journal include discrete structures used in stream and block ciphers in symmetric cryptography; code division multiple access in communications; and random number generation for statistics, cryptography and numerical methods.

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