

<<编码与密码术>>

图书基本信息

书名：<<编码与密码术>>

13位ISBN编号：9783540354819

10位ISBN编号：3540354816

出版时间：2006-12

出版时间：湖北辞书出版社

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页数：441

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内容概要

This book constitutes the thoroughly refereed post-proceedings of the International Workshop on Coding and Cryptography, WCC 2005, held in Bergen, Norway, in March 2005. The 33 revised full papers were carefully reviewed and selected during two rounds of reviewing and improvement from 118 submissions. The papers address all aspects of coding theory, cryptography and related areas, theoretical or applied. Topics covered are: coding theory, i.e., error-correcting codes, decoding algorithms, and related combinatorial problems; cryptology, i.e., block and stream ciphers, hash functions, public key cryptography, secret sharing, authentication, and intellectual property protection; and discrete mathematics and algorithmic tools arising from these two areas, such as boolean functions, sequences, finite fields, algebraic systems and related polynomial properties.

书籍目录

Second Support Weights for Binary Self-dual Codes
On Codes Correcting Symmetric Rank Errors
Error and Erasure Correction of Interleaved Reed-Solomon Codes
A Welch Berlekamp Like Algorithm for Decoding Gabidulin Codes
On the Weights of Binary Irreducible Cyclic Codes
3-Designs from Z_4 -Goethals-Like Codes and Variants of Cyclotomic Polynomials
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On the Design of Codes for DNA Computing
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