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ISBN	0-8218-8197-3 0-8218-4786-4
Descrizione fisica	1 online resource (394 p.)
Collana	Contemporary mathematics ; ; 518
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Soggetti	Finite fields (Algebra) Arithmetical algebraic geometry Number theory Coding theory Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	""Contents""; ""Preface""; ""Construction of new toric quantum codes""; ""On the calculation of the linear complexity of periodic sequences""; ""A few more functions that are not APN infinitely often""; ""An APN permutation in dimension six""; ""CCZ-equivalence of single and multi output Boolean functions""; ""Structural weaknesses of permutations with a low differential uniformity and generalized crooked functions""; ""Solvability of systems of polynomial equations with some prescribed monomials""; ""Character sums in finite fields"" ""Monomial functions with linear structure and permutation polynomials""""Primitive elements on lines in extensions of finite fields""; ""Commutative semifields of order 243 and 3125""; ""Normal elliptic bases and torus-based cryptography""; ""Unitary superperfect binary polynomials""; ""Shift-invariant polynomials and Ritts Second Theorem""; ""Waring's problem in finite fields with Dickson polynomials""; ""Jacobi sums and irreducible polynomials with prescribed trace and restricted norm""; ""A family of binary sequences

from interleaved construction and their cryptographic properties""
""Sziklai's conjecture on the number of points of a plane curve over a
finite field \mathbb{F}_q ""
""Folded algebraic-geometric codes from Galois
extensions""; ""A multilinear generalization of the Tate pairing""; ""The
merit factor of binary sequence families constructed from m-
sequences""; ""Intractable problems in cryptography""; ""Modular curves
and coding theory: A survey""; ""Minimal generating sets of Weierstrass
semigroups of certain m-tuples on the norm-trace function field"";
""On the zeta functions of an optimal tower of function fields over \mathbb{F}_4 ""
""The asymptotic theory of algebraic-geometry codes""
""A spectrum
result on maximal partial ovoids of the generalized quadrangle $Q(4, q)$,
 q odd""; ""Cyclic codes aspects of bent functions""
