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Titolo	Coding Theory and Applications [[electronic resource]] : 3rd International Colloquium, Toulon, France, November 2-4, 1988. Proceedings / / edited by Gerard Cohen, Jacques Wolfmann
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Descrizione fisica	1 online resource (IX, 331 p.)
Collana	Lecture Notes in Computer Science, , 0302-9743 ; ; 388
Disciplina	003.54
Soggetti	Coding theory Information theory Discrete mathematics Data encryption (Computer science) Combinatorics Coding and Information Theory Discrete Mathematics Cryptology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	Codes and character sums -- Codes from some Artin-Schreier curves -- Families of codes exceeding the Varshamov-Gilbert bound -- Polynomial factorization using Brill-Noether algorithm -- New bounds on cyclic codes from algebraic curves -- Exponential sums and the Carlitz-Uchiyama bound -- Bounds on the use of the postal channel -- A new authentication algorithm -- A method for finding codewords of small weight -- Generating codewords in real space: Application to decoding -- Weighted decoding of linear block codes by solving a system of implicit equations -- Suboptimum weighted-output symbol-by-symbol decoding of block codes -- Results of generalized minimum distance decoding for block code of rate 1/2 -- An overview of recent results in the theory of burst-correcting codes -- Note for computing the minimum polynomial of elements in large finite fields -- A quaternary cyclic code, and a family of quadriphase sequences with low

correlation properties -- A simple description of Kerdock codes --
Relation between the minimum weight of a linear code over $GF(q^m)$ and
its q -ary image over $GF(q)$ -- Covering in hypercubes -- More on the
plane of order 10 -- Linear recurrence relations and an extended
subresultant algorithm -- The future pan European mobile
radiotelephone system a short overview -- Experimental direct-
sequence spread-spectrum digital mobile radio transmission --
Concatenated coding schemes for H.F. (High Frequency) channels --
Bandwidth efficient coding on channels disturbed by jamming and
impulse noise -- Error correcting coding scheme against partial time
jammers -- Evaluation of a coding design for a very noisy channel /
Evaluation d'une Configuration de Codage Pour une Ligne tres Bruitee
-- Design and implementation of an asynchronous transmission
process by code division multiple access -- Is minimal distance a good
criterion? -- Open problem 1: Covering radius of the circuit code --
Open problem 2: Cyclic codes over rings and p -adic fields.
