	UNINA9910144408503321
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Titolo	Non-binary error control coding for wireless communication and data storage / / Rolando Antonio Carrasco, Martin Johnston
Pubbl/distr/stampa	Chichester, U.K. : , : Wiley, , 2008 [Piscataqay, New Jersey] : , : IEEE Xplore, , [2008]
ISBN	1-282-01241-X 9786612012419 0-470-74041-8 0-470-74040-X
Descrizione fisica	1 online resource (323 p.)
Altri autori (Persone)	JohnstonMartin <1977->
Disciplina	005.7/2
Soggetti	Error-correcting codes (Information theory) Wireless communication systems Data transmission systems Computer storage devices Analog electronic systems
Lingua di pubblicazione	Inglese
Lingua di pubblicazione Formato	Inglese Materiale a stampa
Lingua di pubblicazione Formato Livello bibliografico	Inglese Materiale a stampa Monografia
Lingua di pubblicazione Formato Livello bibliografico Note generali	Inglese Materiale a stampa Monografia Includes index.
Lingua di pubblicazione Formato Livello bibliografico Note generali Nota di bibliografia	Inglese Materiale a stampa Monografia Includes index. Includes bibliographical references and index.
Lingua di pubblicazione Formato Livello bibliografico Note generali Nota di bibliografia Nota di contenuto	Inglese Materiale a stampa Monografia Includes index. Includes bibliographical references and index. Information, channel capacity and channel modelling Basic principles of non-binary codes Non-binary block codes Algebraic- geometric codes List decoding Non-binary low density parity check codes Non-binary convolutional codes Non-binary turbo codes.

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Comprehensive and self-contained reference to non-binary error control coding starting from binary codes and progressing up to the latest non-binary codes; Explains the design and construction of good non-binary codes with descriptions of efficient non-binary decoding algorithms with applications for wireless communication and highdensity data storage; Discusses the application to specific cellular and wireless channels, and also magnetic storage channels that model the reading of data from the magnetic disc of a hard drive; Includes detailed worked examples for each coding scheme to supplement the concepts described in this book; Focuses on the encoding, decoding and performance of both block and convolutional non-binary codes, and covers the Kotter-Vardy algorithm and Non-binary LDPC codes."--Publisher's description.