Record Nr. UNINA9910450563803321 Multiple access channels [[electronic resource]]: theory and practice / **Titolo** / edited by Ezio Biglieri and Laszlo Gyorfi Pubbl/distr/stampa Amsterdam, Netherlands; ; Washington, DC, : IOS Press, c2007 **ISBN** 6610934800 1-280-93480-8 9786610934805 1-4294-9220-1 1-60750-233-X 600-00-0492-3 1-4337-0870-1 Descrizione fisica 1 online resource (360 p.) Collana NATO security through science series. D. Information and communication security, , 1574-5589;; v. 10 Altri autori (Persone) BiglieriEzio GyorfiLaszlo Disciplina 004.6/2 Soggetti Multiple access protocols (Computer network protocols) Computer network protocols Electronic books. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia "Proceedings of the NATO Advanced Study Institute on Coding and Note generali Analysis of Multiple Access Channels, Budapest, Hungary, 26 August-5 September 2006."--T.p. verso. Includes bibliographical references and author index. Nota di bibliografia Nota di contenuto Title page: Preface: Contents: Information Theoretic Aspects: Multiple Access Channels; Rate-Splitting Multiple-Access; Multiple Access Adder Channel; Multiple Access Euclidean Channel; A Survey of the Relay Channel; Source Coding for a Noiseless Broadcast Channel; Coding for Single and Multi User Channels with Constrained and Unconstrained Side Information; Multiple Access Techniques; MIMO: A Minimalist Introduction; OFDMA and Channel Coding; Braided Code Division Multiple Access: Principles of Stability Analysis for Random Accessing with Feedback Collision Channel with Multiplicity FeedbackCoding Techniques; Coding Techniques and the Two-Access Channel; The Multi-Access Channel in

	a Network: Stability and Network Coding Issues; Coding for Multiple- Access Collision Channel Without Feedback; Metrics in Coding Theory; Author Index
Sommario/riassunto	Surveys general results on multiple-access channels, and gives an overview of the problems of CDMA solutions. This work includes chapters devoted to the information-theoretical aspects of multiple-access communication. It discusses multiple-access techniques and covers coding techniques.