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Titolo	Channel-adaptive technologies and cross-layer designs for wireless systems with multiple antennas [[electronic resource]] : theory and applications // Vincent K.N. Lau, Yu Kwong Ricky Kwok
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ISBN	1-280-34358-3 9786610343584 0-470-36032-1 0-471-77406-5 0-471-77405-7
Descrizione fisica	1 online resource (544 p.)
Collana	Wiley series in telecommunications and signal processing
Altri autori (Persone)	KwokYu-Kwong Ricky
Disciplina	621.3845/6 621.38456
Soggetti	Wireless communication systems - Design and construction 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 (p. 493-501) and index.
Nota di contenuto	Channel-Adaptive Technologies and Cross-Layer Designs for Wireless Systems with Multiple Antennas; CONTENTS; List of Figures; List of Tables; Preface; Acknowledgments; PART 1 THEORY; Chapter 1 Basic Concepts in Wireless Communications; 1.1 Overview; 1.2 Wireless Channel Models; 1.2.1 AWGN Channel Model; 1.2.2 Linear Time-Varying Deterministic Spatial Channel; 1.2.3 The Random Channels; 1.2.4 Frequency-Flat Fading Channels; 1.2.5 Frequency-Selective Fading Channels; 1.3 Equivalence of Continuous-Time and Discrete-Time Models; 1.3.1 Concepts of Signal Space; 1.3.2 Sufficient Statistics 1.3.3 Discrete-Time Signal Model-Flat Fading1.3.4 Discrete-Time Channel Model-Frequency-Selective Fading; 1.4 Fundamentals of Information Theory; 1.4.1 Entropy and Mutual Information; 1.4.2 Shannon's Channel Coding Theorem; 1.4.3 Examples of Channel Capacity; 1.5 Summary; Exercises; Chapter 2 MIMO Link with Perfect Channel State Information; 2.1 Overview; 2.2 Mathematical Model of the MIMO Link; 2.2.1 Probabilistic Channels with States; 2.2.2 General

Transmission and CSI Feedback Model; 2.2.3 Adaptive-Channel Encoding and Decoding; 2.2.4 Transmit Power Constraint 2.2.5 Causal Feedback Constraint 2.3 Ergodic and Outage Channel Capacity; 2.3.1 Ergodic Capacity; 2.3.2 Outage Capacity; 2.4 Channel Capacity with No CSIT and No CSIR; 2.4.1 Fast Flat Fading MIMO Channels; 2.4.2 Block Fading Channels; 2.5 Channel Capacity with Perfect CSIR; 2.5.1 Block Fading Channels; 2.5.2 Fast Flat Fading MIMO Channels; 2.5.3 Effect of Antenna Correlation on Ergodic MIMO Capacity; 2.5.4 Slow Flat Fading MIMO Channels; 2.6 Channel Capacity with Perfect CSIT Only; 2.6.1 Discrete Block Fading Channels; 2.6.2 Discrete Channel with Three States 2.6.3 Fast Flat Fading MIMO Channels 2.6.4 Slow Flat Fading MIMO Channels; 2.7 Channel Capacity with Perfect CSIR and Perfect CSIT; 2.7.1 Fast Flat Fading MIMO Channels; 2.7.2 Slow Flat Fading MIMO Channels; 2.8 Summary; Exercises; Chapter 3 MIMO Link with Imperfect Channel State Information; 3.1 Overview; 3.2 Effect of Imperfect CSI Estimation; 3.2.1 CSI Estimation for MIMO Channels; 3.2.2 Capacity Bounds of MIMO Link; 3.3 Effect of Limited Feedback-Optimizing for SNR; 3.3.1 Introduction to Optimizing Effective SNR; 3.3.2 Grassmannian Line Packing 3.3.3 Grassmannian Precoding for MIMO Systems-Spatial Diversity 3.3.4 Grassmannian Precoding for MIMO Systems-Spatial Multiplexing; 3.4 Effect of Limited Feedback-Optimizing for Ergodic Capacity; 3.4.1 Channel Capacity with Partial CSIT; 3.4.2 Coding Theorem with Partial CSIT; 3.4.3 Equivalence with Vector Quantization Problem; 3.4.4 Fast Flat Fading MIMO Channels; 3.4.5 Lloyd's Algorithm; 3.4.6 Approximate Closed-Form Solution for Step 1; 3.4.7 Complexity of the Online Adaptation Strategy; 3.4.8 MMSE-SIC Receiver Structure; 3.4.9 Numerical Results and Discussion; 3.5 Summary; Exercises Chapter 4 Spacetime Coding and Layered Spacetime Coding for MIMO with Perfect Channel State Information

Sommario/riassunto

This innovative book sets forth two promising wireless approaches that support high-quality, high-speed data and multimedia service-multiple antenna technologies and cross layer transmitter adaptation designs-while highlighting the relationships and interactions between them. The latest advanced technologies of channel adaptation techniques for wireless communication systems with multiple antennas are thoroughly investigated. The book is divided into three parts, first giving readers a good foundation in underlying theory, then exploring applications as well as advanced topics.* Par

2. Record Nr.	UNINA9910795449803321
Autore	Van der Kaa Dominique
Titolo	Aprende a calmar el llanto de tu bebe : las claves para responder eficazmente a las necesidades de tu hijo / / por Dominique van der Kaa ; traducido por Laura Soler Pinson
Pubbl/distr/stampa	[Place of publication not identified] : , : 50Minutos.es, , [2018] ©2018
ISBN	2-8062-9939-X
Descrizione fisica	1 online resource (25 pages)
Collana	Salud y bienestar
Disciplina	649.122
Soggetti	Newborn infants - Care
Lingua di pubblicazione	Spagnolo
Formato	Materiale a stampa
Livello bibliografico	Monografia

3. Record Nr.	UNINA9910970848003321
Autore	Lerner Ross
Titolo	Unknowing Fanaticism : Reformation Literatures of Self-Annihilation // Ross Lerner
Pubbl/distr/stampa	New York, NY : , : Fordham University Press, , [2019] ©2019
ISBN	9780823286331 0823286339 9780823283880 0823283887 9780823283897 0823283895
Edizione	[First edition.]
Descrizione fisica	1 online resource (241 pages)
Collana	Fordham scholarship online
Disciplina	809/.031 809.031
Soggetti	Renaissance Reformation - Europe Politics and literature Fanaticism in literature European literature - Renaissance, 1450-1600 - History and criticism
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	This edition previously issued in print: 2019.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Front matter -- Contents -- Introduction Receiving Divine Action: Fanaticism and Form in the Reformation -- 1. Allegorical Fanaticism: Spenser's Organs -- 2. Lyric Fanaticism: Donne's Annihilation -- 3. Readerly Fanaticism: Hobbes's Outworks -- 4. Tragic Fanaticism: Milton's Motions -- Acknowledgments -- Notes -- Bibliography -- Index
Sommario/riassunto	We may think we know what defines religious fanaticism: violent action undertaken with dogmatic certainty. But the term fanatic, from the European Reformation to today, has never been a stable one. Then and now it has been reductively defined to justify state violence and to delegitimize alternative sources of authority. Unknowing Fanaticism

rejects the simplified binary of fanatical religion and rational politics, turning to Renaissance literature to demonstrate that fanaticism was integral to how both modern politics and poetics developed, from the German Peasants' Revolt to the English Civil War. The book traces two entangled approaches to fanaticism in this long Reformation moment: the targeting of it as an extreme political threat and the engagement with it as a deep epistemological and poetic problem. In the first, thinkers of modernity from Martin Luther to Thomas Hobbes and John Locke positioned themselves against fanaticism to pathologize rebellion and abet theological and political control. In the second, which arose alongside and often in response to the first, the poets of fanaticism investigated the link between fanatical self-annihilation—the process by which one could become a vessel for divine violence—and the practices of writing poetry. Edmund Spenser, John Donne, and John Milton recognized in the fanatic's claim to be a passive instrument of God their own incapacity to know and depict the origins of fanaticism. Yet this crisis of unknowing was a productive one. It led these writers to experiment with poetic techniques that would allow them to address fanaticism's tendency to unsettle the boundaries between human and divine agency and between individual and collective bodies. These poets demand a new critical method, which this book attempts to model: a historically-minded and politicized formalism that can attend to the complexity of the poetic encounter with fanaticism.
