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Autore	Betti Arianna <1970->
Titolo	Against facts / / Arianna Betti
Pubbl/distr/stampa	Cambridge, Massachusetts ; ; London, England : , : MIT Press, , [2015] ©2015
ISBN	0-262-32965-4 0-262-32964-6
Descrizione fisica	1 online resource (325 p.)
Disciplina	111
Soggetti	Facts (Philosophy)
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	I. Compositional facts -- II. Propositional facts.
Sommario/riassunto	"In this book Arianna Betti argues that we have no good reason to accept facts in our catalog of the world, at least as they are described by the two major metaphysical theories of facts. She claims that neither of these theories is tenable--neither the theory according to which facts are special structured building blocks of reality nor the theory according to which facts are whatever is named by certain expressions of the form 'the fact that such and such.' There is reality, and there are entities in reality that we are able to name, but, Betti contends, among these entities there are no facts. Drawing on metaphysics, the philosophy of language, and linguistics, Betti examines the main arguments in favor of and against facts of the two major sorts, which she distinguishes as compositional and propositional, giving special attention to methodological presuppositions. She criticizes compositional facts (facts as special structured building blocks of reality) and the central argument for them, Armstrong's truthmaker argument. She then criticizes propositional facts (facts as whatever is named in "the fact that" statements) and what she calls the argument from nominal reference, which draws on Quine's criterion of ontological commitment. Betti argues that metaphysicians should stop worrying about facts, and philosophers in general should stop arguing for or against entities on the basis of how we use language"--MIT CogNet.

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Titolo	Mobile WiMAX / / Edited by Kwang-Cheng Chen, J. Roberto B. de Marca
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ISBN	1-281-30982-6 9786611309824 0-470-72393-9 0-470-72392-0
Descrizione fisica	1 online resource (401 p.)
Collana	Wiley - iee
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Disciplina	621.384
Soggetti	Wireless metropolitan area networks Metropolitan area networks (Computer networks)
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Nota di contenuto	Contributors -- Preface -- 1 Introduction to MobileWiMAX (Longsong Lin, and Kwang-Cheng Chen) -- 1.1 IEEE 802.16 -- 1.2 IEEE 802.16 MAC -- 1.3 IEEE 802.16e Mobile WiMAX -- 1.4 Mobile WiMAX End-to-End Network Architecture -- References -- Part One Physical Layer Transmission -- 2 An Analysis of MIMO Techniques for MobileWiMAX Systems<U+0083> (Bertrand Muquet, Ezio Biglieri, Andrea Goldsmith, and Hikmet Sari) -- 2.1 Introduction -- 2.2 Multiple Antenna Systems -- 2.3 M Multiple Antennas in WiMAX Systems -- -- 2.4 Conclusion -- References -- 3 Mitigation of Inter-Cell Interference in MobileWiMAX<U+0083> (Jae-Heung Yeom and Yong-Hwan Lee) -- 3.1 Introduction -- 3.3 Combined Use of ICI Mitigations in Mobile WiMAX -- -- 3.4 New ICI Mitigation Strategy in m-WiMAX -- 3.5 Conclusion -- References -- 4 Overview of Rate Adaptation Algorithms and Simulation Environment Based on MIMO Technology in WiMAX Networks<U+0083> (Tsz Ho Chan, Chui Ying Cheung, Maode Ma and Mounir Hamdi) -- 4.1 Introduction -- 4.2 WiMAX Physical and MAC Layer Description -- 4.3 Research Issues on the MIMO-based Rate Adaptation Algorithms -- 4.4 Constructing a Practical Rate Adaptation

Simulation Model for Mimo-Based WiMAX Systems -- 4.5 Conclusion -- References -- 5 Phase Noise Estimation in OFDMA Uplink Communications<U+0083> (Yi-Ching Liao, Chung-Kei Yu, I-Hsueh Lin and Kwang-Cheng Chen) -- 5.1 Introduction -- 5.2 Modeling of Phase Noise -- 5.3 Phase Noise in OFDM -- 5.4 Phase Noise in OFDMA -- 5.5 Conclusion -- References -- Part Two Medium Access Control and Network Architecture -- 6 OptimizingWiMAX MAC Layer Operations to Enhance Application End-to-End Performance<U+0083> (Xiangying Yang, Muthaiah Venkatachalam, and Mohanty Shantidev) -- 6.1 Introduction -- 6.2 Overview of WiMAX MAC features -- 6.3 Asymmetric Link Adaptation for TCP -- -- 6.4 Service-Class Specific Scheduling -- 6.5 Simulations -- 6.6 Other MAC Layer Optimization Techniques -- 6.7 Conclusion -- References 108 -- 7 A Novel Algorithm for Efficient Paging in MobileWiMAX<U+0083> (Mohanty Shantidev, Muthaiah Venkatachalam, and Xiangying Yang).
7.1 Introduction -- 7.2 Overview of Idle Mode and Paging Operation in Mobile WiMAX Networks -- -- 7.3 Proposed Paging Algorithm for Mobile WiMAX Networks -- -- 7.4 Performance Evaluation -- 7.5 Conclusion -- References -- 8 All-IP Network Architecture for MobileWiMAX<U+0083> (Nat Natarajan, Prakash Iyer, Muthaiah Venkatachalam, Anand Bedekar, and Eren Gonen) -- 8.1 Introduction -- 8.2 WiMAX Network Architecture Principles -- 8.3 Network Architecture -- 8.4 MS Session Control Procedures -- 8.5 Mobility Management -- 8.6 QoS and Policy Architecture -- 8.7 Network Discovery and Selection -- 8.8 Network Interoperability -- 8.9 Conclusion -- References -- Part Three Multi-hop Relay Networks -- 9 Aggregation and Tunneling in IEEE 802.16j Multi-hop Relay Networks<U+0083> (Zhifeng Tao, Koon Hoo Teo, and Jinyun Zhang) -- 9.1 Introduction -- 9.2 Background and Motivation -- 9.3 Tunneling and Aggregation -- 9.4 Performance Evaluation -- 9.5 Conclusion -- References -- 10 Resource Scheduling with Directional Antennas for Multi-hop Relay Networks in a Manhattan-like Environment (Shiang-Jiun Lin, Wern-Ho Sheen, I-Kang Fu, and Chia-Chi Huang) -- 10.1 Introduction -- 10.2 System Setup and Propagation Models -- 10.3 Resource Scheduling Methods -- 10.4 Numerical Results -- 10.5 Conclusion -- References -- 11 Efficient Radio Resource Deployment for MobileWiMAX with Multi-hop Relays 1(Yong Sun, Yan Q. Bian, Andrew R. Nix, and Joseph P. McGeehan) -- 11.1 Introduction -- 11.2 System Performance and Enhancement -- 11.3 Effective Efficiency of Multi-hop Relaying -- 11.4 Relay Efficiency without Radio Resource Sharing -- 11.5 Relay Efficiency with Radio Resource Sharing -- 11.6 Directional Distributed Relay Architecture -- 11.7 Case Study of Radio Resource Sharing -- 11.8 Conclusion -- References -- 12 Dimensioning Cellular Multi-hop WiMAX Networks (Christian Hoymann and Stephan Gobbels) -- 12.1 Dimensioning Cellular 802.16 Networks -- 12.2 Dimensioning Cellular Multi-hop 802.16 Networks -- References.
Part Four Multimedia Applications, Services, and Deployment -- 13 Cross-Layer End-to-End QoS for Scalable Video over MobileWiMAX<U+0083> (Jenq-Neng Hwang, Chih-Wei Huang, and Chih-Wei Chang) -- 13.1 Introduction -- 13.2 Critical End-System Techniques -- 13.3 Mobile WiMAX QoS Provisioning -- 13.4 The Integrated Cross-Layer System -- 13.5 Conclusion -- References -- 14 WiBro - A 2.3 GHz MobileWiMAX: System Design, Network Deployment, and Services<U+0083> (Hyunpyo Kim, Jaekon Lee, and Byeong Gi Lee) -- 14.1 Introduction -- 14.2 Mobile WiMAX Network -- 14.3 ACR (ASN-GW) System Design -- 14.4 RAS (BS) System Design -- 14.5 Access Network Deployment -- 14.6 Core Network Deployment -- 14.7

WiBro Services -- References -- 15 A New WiMAX Profile for DTV Return Channel and Wireless Access<U+0083> (Lu1s Geraldo Pedroso Meloni) -- 15.1 Introduction -- 15.2 A Brief History of the SBTVD-T -- 15.3 WiMAX as Return Channel for DTV -- 15.4 WiMAX-700 Advantages and RC Application -- 15.5 Network Architecture -- 15.6 WiMAX-700 Channelling -- 15.7 WiMAX-700 Capacity Simulation for Interactive DTV -- 15.8 Conclusion -- References -- 16 A Packetization Technique for D-Cinema Contents Multicasting over MetropolitanWireless Networks<U+0083> (Paolo Micanti, Giuseppe Baruffa, and Fabrizio Frescura) -- 16.1 Introduction -- 16.2 Technical Specifications for D-Cinema -- 16.3 Multicast Protocol Overview -- 16.4 System Architecture -- 16.5 Test Application and Results -- 16.6 Conclusion -- References -- 17 WiMAX Extension to Isolated Research Data Networks: The WEIRD System (Emiliano Guainella, Eugen Borcoci, Marcos Katz, Pedro Neves, Marilia Curado, Fausto Andreotti, and Enrico Angori) -- 17.1 Introduction -- 17.2 Novel Application Scenarios for WiMAX -- 17.3 Key Technologies -- 17.4 System Architecture -- 17.5 Validating Results: Four European Testbeds -- 17.6 Conclusion -- References -- 18 Business Model for a Mobile WiMAX Deployment in Belgium<U+0083> (Bart Lannoo, Sofie Verbrugge, Jan Van Ooteghem, Bruno Quinart, Marc Casteleyn, Didier Colle, Mario Pickavet, and Piet Demeester).
18.1 Introduction -- 18.2 Technical and Physical Aspects of Mobile WiMAX -- 18.3 Technical Model and Planning Tool -- 18.4 Business Model -- 18.5 Economic Results for a Mobile WiMAX Rollout in Belgium -- 18.6 Conclusion -- Acknowledgements -- References -- Index.

Sommario/riassunto

The first book to cover one of the hottest subjects in wireless communications today, Mobile WiMAX . Summarises the fundamental theory and practice of Mobile WiMAX. Presents topics at introductory level for readers interested in understanding communication and networking knowledge for Mobile WiMAX, whilst addressing advanced / specialised subjects related to Mobile WiMAX. Contains the latest advances and research from the field and shares knowledge from the key players working in this area Chapter 1 updates Mobile WiMAX status and standards; Chapters 2-6 are related to physical layer transmission; Chapters 7-12 deal with MAC and networking issues; Chapters 13-14 discuss relay networks for mobile WiMAX; and Chapters 15-19 present multimedia networking for mobile WiMAX and application scenarios. Ideal for Mobile WiMAX R&D/practicing engineers (systems, applications and services, field, terminal, IC design, integration), business development professionals, academic researchers. Graduate students conducting research and graduate students studying in mobile WiMAX and next generation wireless communications. Undergraduate students studying mobile WiMAX related subjects.