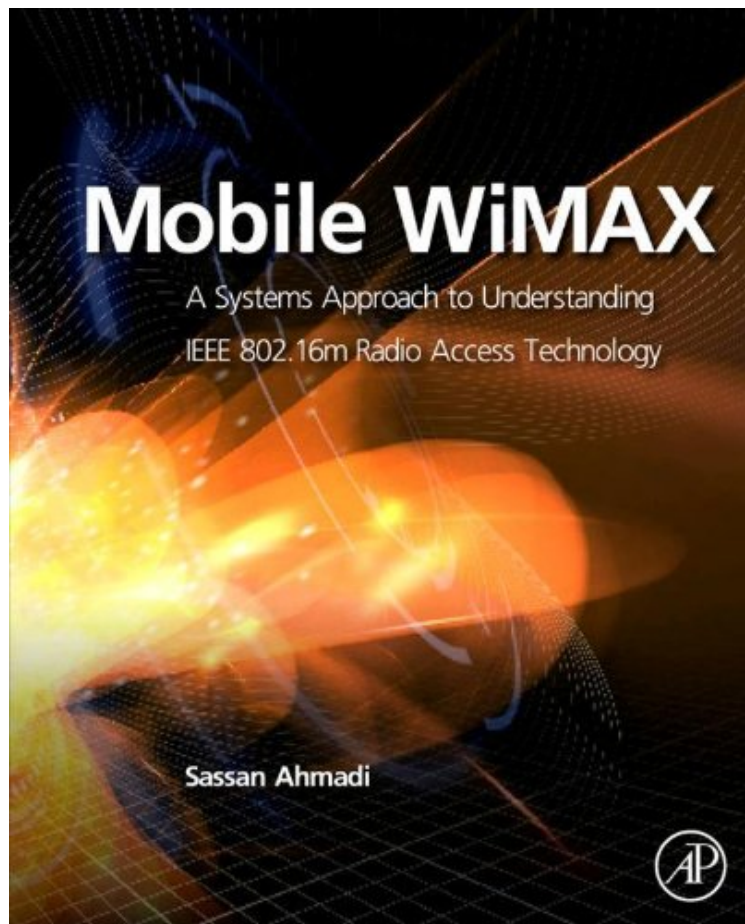


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# Mobile WiMAX: A Systems Approach to Understanding IEEE 802.16m Radio Access Technology

Von Sassan Ahmadi

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**Von Sassan Ahmadi : Mobile WiMAX: A Systems Approach to Understanding IEEE 802.16m Radio Access Technology** before purchasing it in order to gage whether or not it would be worth my time, and all praised Mobile WiMAX: A Systems Approach to Understanding IEEE 802.16m Radio Access Technology:

KundenrezensionenHilfreichste Kundenrezensionen0 von 0 Kunden fanden die folgende Rezension hilfreich. Hey Joe, where you goin' with that 802.16m device in your hand? Von Bernie I was raised on various 802 protocols and find them fascinating. I have to admit most of my practical experience is with the 802.11 realm. However is having always been fascinated but the other standards. Years ago I was working on a GSM system before it became fashionable. My last dabbling was with RFID. So even if I will not be doing anything practical with this book I am still intrigued with the technology and how it is implemented. The book its self presents the information in a text book design. It also works well as a reference book. Very good diagrams and practical explanations. Each chapter has references, some

being URLs to different sites that relate to the subject. The only drawback is color. They left off that dimension so you will have to get used to black, white and gray. Still it makes scanning easier. Too bad there are no kits you can buy to apply the information in a tactile way. I assume if there are schools out there using this book that they have some sort of lab. Any way this book can open up a whole new world. Next step is [...] Don't settle for a black box. Know how the world really works. It can be fun. This book holds nothing back. I like hardback books best; yet making a kindle version was a smart move.

**Kurzbeschreibung** Presenting the new IEEE 802.16m standard, this is the first book to take a systematic, top-down approach to describing Mobile WiMAX and its next generation, giving detailed algorithmic descriptions together with explanations of the principles behind the operation of individual air-interface protocols and network components. Features: A systematic and detailed, top-down approach to the design of 4G cellular systems based on IEEE 802.16m and 3GPP LTE/LTE-Advanced technologies A systematic approach to understanding IEEE 802.16m radio access network and mobile WiMAX network architecture and protocols The first comprehensive technical reference on the design, development and performance evaluation of IMT-Advanced systems, including the theoretical background and design principles as well as implementation considerations About the author: The author, chief architect and technical lead of the IEEE 802.16m project at Intel Corporation, initiated and masterminded the development of the IEEE 802.16m standard and has been one of the leading technical drivers in its standardization process in IEEE. The author was also a leading technical contributor to the definition and development of requirements and evaluation methodology for the IMT-Advanced systems in ITU-R. Reflecting the authors 20+ years expertise and experience, the book provides an in-depth, systematic and structured technical reference for professional engineers, researchers, and graduate students working in cellular communication systems, radio air-interface technologies, cellular communications protocols, advanced radio access technologies for 4G systems, and broadband cellular standards. A systematic and detailed, top-down approach to the design of 4G cellular systems based on IEEE 802.16m and 3GPP LTE/LTE-Advanced technologies A systematic approach to understanding IEEE 802.16m radio access network and mobile WiMAX network architecture and protocols The first comprehensive technical reference on the design, development and performance evaluation of IMT-Advanced systems, including the theoretical background and design principles as well as implementation considerations

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**ber den Autor und weitere Mitwirkende** Dr. Sassan Ahmadi is a senior wireless systems architect and cellular standards expert with over 25 years of experience in signal processing and communication system design as well as cellular systems standards development. He was a leading technical contributor to the definition and development of requirements and evaluation methodology for the IMT-Advanced systems in ITU-R. He was also a technical contributor and leader in the development of the IMT-Advanced standards in ITU-R, IEEE, and 3GPP.