CDMA2000 Evolution: System Concepts and Design Principles

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DESCRIPTION

CDMA2000 Evolution: Concepts and Design Principles provides:

• A presentation of CDMA2000 technology from the fundamental concepts, architectures and protocols to the network engineering and planning principles.

• Comprehensive and up to date information about the IS2000 1x Releases A through D, including 1xEV-DV, as well as 1xEV-DO or IS856 Revisions 0 and A standards.

• A focus on network architecture, QoS, radio network performance and dimensioning as well as comparison with other 2.5G/3G systems.

• Examples, graphics and diagrams to simplify the learning process.

Throughout the book, the emphasis is on conceptual understanding of key techniques and protocols and their evolution from simpler legacy systems to the more advanced revisions recently made to these standards.
ABOUT THE AUTHOR

KAMRAN ETEMAD received his PhD in electrical engineering from the University of Maryland. Most recently, he has been with Nexius Inc. and Wireless Facilities Inc. as the Vice President of Advanced Technology. His research interests include current and emerging telecommunication technologies and standards development as well as tools and process design for network planning, traffic engineering, and propagation analysis of mobile and fixed wireless systems. He has developed and taught numerous courses and seminars in both academia and industry, and published many papers in wireless communication and networking. Dr. Etemad is also a lecturer at the University of Maryland.

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