

图书基本信息

书名 : <<3G无线网络和无线局域网的设计与性能>>

13位ISBN编号 : 9787030182517

10位ISBN编号 : 7030182510

出版时间 : 2006-12

出版时间 : 科学

作者 : 莫伊

页数 : 3491

字数 : 573000

版权说明 : 本站所提供下载的PDF图书仅提供预览和简介 , 请支持正版图书。

更多资源请访问 : <http://www.tushu007.com>

内容概要

全书对3G无线系统的原理、部件、系统构成、网络运行等作了系统而翔实的论述，站在设计的角度来讲述技术的应用，让读者容易理解。

本书对从事无线通信的工程师、大学教师、研究生、高年级本科生均有参考价值。

书籍目录

Preface Acknowledgments Author Biographies Chapter 1 INTRODUCTION TO WIRELESS COMMUNICATIONS 1 INTRODUCTION 1.1 Technology Evolution 1.2 Techniques in Wireless Communication 1.3 Summary 1.4 References Chapter 2 INTRODUCTION TO WIRELESS SYSTEMS 2 INTRODUCTION 2.1 Generic Wireless System Architecture 2.2 Traffic Routing in Wireless Networks 2.3 First-and Second-Generation Cellular Radio Networks 2.4 Deficiencies of First-and Second-Generation Wireless Systems 2.5 Second-Generation Cellular Networks Offering Wireless Data Services 2.6 Third-Generation Wireless Networks and Wireless LANs 2.7 Transport Choices for Wireless Backhaul Networks 2.8 End-to-End Protocol Stack 2.9 RLC/MAC Function 2.10 Review Exercises 2.11 References Chapter 3 INTRODUCTION TO TRAFFIC ENGINEERING 3 INTRODUCTION 3.1 QoS Requirements of Internet Application 3.2 UMTS QoS Classes 3.3 QoS Engineering 3.4 Traffic Modeling 3.5 Review Exercises 3.6 References Chapter 4 OVERVIEW OF CDMA2000/UMTS ARCHITECTURE 4 INTRODUCTION 4.1 Evolution of CDMA2000 Standards 4.2 Overview of CDMA2000 3G1x Network Architecture 4.3 Overview of CDMA2000 1xEV-DO Network Chapter 5 AIR INTERFACE PERFORMANCE AND CAPACITY ANALYSIS Chapter 6 DESIGN AND TRAFFIC ENGINEERING OF A BASE STATION Chapter 7 RNC AND RADIO ACCESS NETWORKS DESIGN AND TRAFFIC ENGINEERING Chapter 8 CORE NETWORK DESIGN AND TRAFFIC ENGINEERING Chapter 9 END-TO-END PERFORMANCE IN 3G NETWORKS Chapter 10 OVERVIEW OF WIRELESS LAN Chapter 11 MAC AND QOS IN 802.11 NETWORKS Chapter 12 UPCOMING FEATURES FOR 3G NETWORKS Appendix INTRODUCTION TO PROBABILITIES AND RANDOM PROCESS Index

版权说明

本站所提供下载的PDF图书仅提供预览和简介，请支持正版图书。

更多资源请访问:<http://www.tushu007.com>