1. Record Nr. UNISA996204935903316

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| Autore | Pardeck Jean A. |
| Titolo | Disability Issues for Social Workers and Human Services Professionals in the Twenty-First Century |
| Pubbl/distr/stampa | [Place of publication not identified], : Routledge, 2005 |
| ISBN | 1-136-43199-3 |
| Descrizione fisica | 1 online resource (200 p.) |
| Disciplina | 362.40453 |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Bibliographic Level Mode of Issuance: Monograph |
| Sommario/riassunto | Examine issues of vital importance to you and your disabled clients--today and in the years to come!This groundbreaking text provides you with up-to-date, authoritative information that will prove to be of critical importance for disability professionals in the coming years. It will leave you better informed about aspects of disability that have not been well covered in the literature--issues surrounding spirituality, civil rights, and the "medical model vs. social (or minority) model" (of viewing disability) controversy. You'll examine the impact of the Americans with Disabilities Act in the wake of the Supreme Court's narrowing of the Act's powers and explore newly developed theories designed to more accurately define the true meaning of disability. Disability Issues for Social Workers and Human Services Professionals in the Twenty-First Century explores:the current--and potential--roles of spirituality and religion in the rehabilitation processthe use of medication in treating disability--with a study focusing on children in foster care whose emotional/behavioral disabilities are medically (rather than psychologically) treatedAttention-Deficit/Hyperactivity Disorder (ADHD) in college students--how it impacts them as a disability requiring academic accommodationsdisability as an aspect of cultural diversity--with suggested methods for educating the non-disabled about people with disabilitieslimitations on the civil rights of those with disabilities--and what can be done to eliminate those limitationscomputer technologies designed to aid people with |

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| | disabilities--with an examination of a health promotion Web site for children with disabilities and their familiesdisability and the managed mental health system--with an examination of the differences in service utilization and satisfaction in rural and urban areashow disability can be viewed as a social construct, rather than something that is inherent to the disabled personKeeping current with new developments is imperative for social workers and other professionals whose work affects people with disabilities. Disability Issues for Social Workers and Human Services Professionals in the Twenty-First Century provides the information you need to stay on the cutting edge of progress in this rapidly evolving field. |

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| Record Nr. | UNISA996281046003316 |
| Titolo | IEEE Std C2-2007/Preprint : Preprint Proposals for the 2007 Edition of the National Electrical Safety Code / / Institute of Electrical and Electronics Engineers |
| Pubbl/distr/stampa | New York, NY, USA : , : IEEE, , 2004 |
| ISBN | 0-7381-4105-4 |
| Descrizione fisica | 1 online resource (x, 741 pages) : illustrations |
| Disciplina | 621.3 |
| Soggetti | Electrical engineering<br>Electric wiring |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Sommario/riassunto | This Preprint provides the full text of each proposal to revise the 2002 edition of the NESC together with the recommendation of the subcommittee that has cognizance of the rule addressed by the change proposal (CP). A change bar, located in the left hand margin, signifies the specific material that the various subcommittees each have approved for inclusion in the revised Code. |

3. Record Nr. UNINA9910826810203321

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| Titolo | HSPA performance and evolution : a practical perspective / / Pablo Tapia ... [et al.] |
| Pubbl/distr/stampa | Chichester, U.K., : Wiley, 2009 |
| ISBN | 9786612042300<br>9781282042308<br>1282042300<br>9780470742068<br>0470742062<br>9780470742051<br>0470742054 |
| Edizione | [1st ed.] |
| Descrizione fisica | 1 online resource (285 p.) |
| Altri autori (Persone) | TapiaPablo |
| Disciplina | 621.382/16 |
| Soggetti | Packet switching (Data transmission)<br>Network performance (Telecommunication)<br>Radio - Packet transmission |
| 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 and index. |
| Nota di contenuto | Figures and Tables -- About the Authors -- Preface -- Foreword -- Acknowledgements -- 1 Introduction -- 1.1 Services and Applications for HSPA -- 1.2 Organization of the Book -- References -- 2 Overview of UMTS/HSPA Systems -- 2.1 UMTS: GSM Evolution to 3G Networks -- 2.1.1 Overview of UMTS Standardization -- 2.1.2 UMTS Network Architecture -- 2.1.3 Air Interface Technology -- 2.2 UMTS System Elements -- 2.2.1 User Equipment (UE) -- 2.2.2 Node-B -- 2.2.3 Radio Network Controller (RNC) -- 2.3 UMTS Radio Bearers and Services -- 2.3.1 Information Transfer Attributes -- 2.3.2 Quality of Service (QoS) Attributes -- 2.4 HSDPA (High Speed Downlink Packet Access) -- 2.4.1 Motivation for the Introduction of HSDPA -- 2.4.2 Main HSDPA Features -- 2.5 HSUPA (High Speed Uplink Packet Access) -- 2.5.1 Main HSUPA Features -- 2.6 Summary -- References -- 3 Applications and Quality of Service in HSPA Networks -- 3.1 Application Performance Requirements -- 3.1.1 The Role of Latency in End-user Performance -- |

3.1.2 Considerations of TCP/IP -- 3.1.3 Typical Application Profiles -- 3.2 Support of QoS in HSPA Networks -- 3.2.1 3GPP QoS Attributes -- 3.2.2 Negotiation of QoS Attributes -- 3.2.3 QoS Modification for HSPA -- 3.3 Summary -- References -- 4 Radio Resource Management in UMTS/HSPA Networks -- 4.1 Admission and Congestion Control -- 4.1.1 Management of Transmit Power Resources -- 4.1.2 Management of Channelization Codes -- 4.2 Packet Scheduler -- 4.2.1 HSDPA Scheduling -- 4.2.2 HSUPA Scheduling -- 4.3 HSDPA Power Allocation -- 4.4 Power Control and Link Adaptation -- 4.4.1 Power Control -- 4.4.2 Link Adaptation -- 4.5 Mobility Management -- 4.5.1 HSDPA Mobility Management -- 4.5.2 HSUPA Mobility Management -- 4.6 Summary -- References -- 5 HSPA Radio Network Planning and Optimization -- 5.1 Key Differences Between HSPA and Legacy Rel.'99 Channels -- 5.1.1 HSPA Data User Behavior Compared to Rel.'99 Voice Users -- 5.1.2 HSPA Radio Performance Considerations Compared to Rel.'99.
5.1.3 HSPA Mobility Considerations Compared to Rel.'99 -- 5.1.4 HSPA Baseband and Backhaul Resource Considerations Compared to Rel.'99 -- 5.2 Link Budget Analysis -- 5.2.1 Link Budget Methodology -- 5.2.2 Downlink Analysis -- 5.2.3 Uplink Link Budget Analysis -- 5.3 Overview of System Level Simulations -- 5.4 Cell Planning Process -- 5.4.1 Practical Rules for UMTS/HSPA Cell Planning -- 5.4.2 Automate Cell Planning (ACP) Tool Usage -- 5.4.3 Deployment of ACP Network Configuration -- 5.5 Optimization with Drive Test Tools -- 5.6 Main Radio Parameters Affecting HSPA Performance -- 5.6.1 Basic Activation Features -- 5.6.2 Control of Resources -- 5.6.3 Mobility Management Parameters -- 5.6.4 Performance Parameters -- 5.7 Dynamic Network Optimization (DNO) Tools -- 5.7.1 Collection of Relevant Network Information -- 5.7.2 Identification of Parameters for DNO -- 5.7.3 Definition of the DNO Strategy -- 5.8 Summary -- References -- 6 HSPA Radio Performance -- 6.1 HSDPA Lab Performance Evaluation -- 6.1.1 Lab Setup -- 6.1.2 Basic Functionality Testing -- 6.1.3 HSDPA Latency Improvement -- 6.1.4 HSDPA Throughput and Link Performance -- 6.1.5 HSDPA Link Adaptation Performance -- 6.1.6 Dynamic Power Allocation -- 6.1.7 HSDPA Scheduler Performance -- 6.2 HSUPA Lab Performance Evaluation -- 6.2.1 Throughput Performance -- 6.2.2 Scheduler Performance -- 6.2.3 Latency Performance -- 6.2.4 Mixed Voice and HSUPA Performance -- 6.3 Field Evaluation -- 6.3.1 Field Network Configurations -- 6.3.2 HSDPA Performance -- 6.3.3 HSUPA Performance -- 6.4 Other Performance Considerations -- 6.4.1 Terminal Device Performance -- 6.4.2 Infrastructure Performance -- 6.4.3 Application Performance -- 6.5 Summary -- References -- 7 Capacity Growth Management -- 7.1 UMTS/HSPA Carrier Deployment Strategy -- 7.1.1 Factors Affecting the Carrier Planning Strategy -- 7.1.2 Voice and HSPA on One Carrier -- 7.1.3 Data Centric Carrier -- 7.1.4 Factors Affecting the Shared vs. Data Centric Carrier Decision -- 7.2 Data Traffic Profiling and Network Dimensioning.
7.2.1 Traffic Profiling -- 7.2.2 Data Traffic Models -- 7.2.3 Data Traffic Modeling Case Study -- 7.3 Summary -- References -- 8 HSPA Evolution (HSPA+) -- 8.1 Standards Evolution -- 8.1.1 Radio Evolution -- 8.1.2 Architecture Evolution -- 8.1.3 Vendor Ecosystem -- 8.2 HSPA+ Radio Enhancements -- 8.2.1 MIMO -- 8.2.2 Higher Order Modulation (HOM) -- 8.2.3 Advanced Receivers -- 8.2.4 Continuous Packet Connectivity (CPC) -- 8.2.5 Circuit-switched Voice Over HSPA -- 8.2.6 Dual Carrier Operation in HSDPA -- 8.3 Architecture Evolution -- 8.3.1 GPRS Flat Architecture -- 8.3.2 End-to-end Quality of Service (QoS) Architecture -- 8.4 Converged Voice and Data Networks: VoIP --

8.4.1 Benefits of an All-IP Network -- 8.4.2 Fundamentals of Voice over IP (VoIP) -- 8.4.3 Requirements for VoIP as a Complete Voice Service -- 8.4.4 HSPA Enablers for Voice Over IP -- 8.4.5 Performance of VoIP in HSPA Networks -- 8.5 Summary -- References -- 9 Technology Strategy Beyond HSPA -- 9.1 Introduction to Evolved UTRAN -- 9.1.1 Technology Choice and Key Features -- 9.1.2 Architecture and Interfaces -- 9.1.3 Early LTE Trials -- 9.2 Analysis of HSPA vs. LTE -- 9.2.1 Performance Comparison of LTE vs. HSPA Rel.'6 -- 9.2.2 Performance Comparison of LTE vs. HSPA+ -- 9.3 LTE Deployment and Migration Scenarios -- 9.3.1 Technology Timelines -- 9.3.2 Key Factors for New Technology Overlay -- 9.3.3 HSPA and LTE Overlay Scenarios -- 9.4 Summary -- References -- Index.

Sommario/riassunto

Written from an operator's viewpoint, HSPA Performance and Evolution explores the lessons learned and techniques developed for optimally deploying HSPA (High Speed Packet Access). The essential distinctions between rolling out HSPA compared to earlier UMTS and GSM technologies are explained covering the many issues that must be specifically handled. Areas in standards which have been left open for interpretation, causing significant differences between vendor implementations, are identified and solutions explored. This book is invaluable in enabling wireless operators to extract maximum performance offered by 3GPP's HSPA radio technology, consisting of both downlink (HSDPA) and uplink (HSUPA) elements. It focuses on real-world performance, sharing practical implementation methods and tradeoffs for deploying, optimizing and maintaining networks using the HSPA air interface. * Examines algorithms, equipment and performance perspectives to identify and explain HSPA * Measures performance and sets network parameters for optimal tradeoffs * Presents results from practical and real-world network performances * Explores the evolution of HSPA technology into HSPA+ and eventually next generation LTE technologies.