

1. Record Nr.	UNINA9910139248203321
Autore	Remy Jean-Gabriel
Titolo	Home area networks and IPTV [[electronic resource] /] / Jean-Gabriel Remy, Charlotte Letamendia
Pubbl/distr/stampa	London, : ISTE Hoboken, N.J., : Wiley, 2011
ISBN	1-118-61706-1 1-118-61652-9 1-299-31533-X 1-118-61728-2
Edizione	[1st edition]
Descrizione fisica	1 online resource (285 p.)
Collana	ISTE
Altri autori (Persone)	LetamendiaCharlotte
Disciplina	004.6 004.68
Soggetti	Home computer networks Internet television Electronic books.
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	Cover; Title Page; Copyright Page; Table of Contents; Chapter 1. Services Offered by Home Area Networks; 1.1. Why home networking?; 1.2. Service convergence; 1.2.1. Triple play; 1.2.2. Quadruple play; 1.2.3. Services linked to the person; 1.2.4. Home services, energy saving, intelligent housing; 1.3. IP or non-IP home area networks; 1.3.1. Comparison with automobiles: the requirement of standards for home networks; 1.4. Bibliography; 1.5. Appendix: the uses of very high bit rates; 1.5.1. Progressive deployment; 1.5.2. Client ubiquity; Chapter 2. Receiving Television via Internet: IPTV 2.1. Introduction 2.2. Digital TV formats (DVB and MPEG standards); 2.2.1. MPEG; 2.2.2. DVB; 2.3. Digital TV transmission through IP; 2.3.1. History and market; 2.3.2. The evolution of consumer trends; 2.4. IPTV: elements of the network; 2.4.1. General points; 2.4.2. Data transmission in an IPTV network; 2.4.3. Quality of service; 2.4.4. IP channel-switching; 2.4.5. IPTV in a local loop; 2.5. Set-top box (STB) hardware and software design; 2.5.1. IPTV middleware; 2.5.2. Content

protection; 2.5.3. Interactivity; 2.6. Bibliography; 2.7. Appendix: notes on digital television; 2.7.1. Video

2.7.2. Screens, size and resolution

2.7.3. Production; Chapter 3. Household Internet Connections; 3.1. Network cables; 3.1.1. Introduction; 3.1.2. Communication media; 3.1.3. The DOCSIS/EURODOCSIS standard; 3.1.4. Modems and DOCSIS/EURODOCSIS CMTS; 3.1.5. RF DOCSIS/EURODOCSIS signals; 3.1.6. Sizing optical nodes for DOCSIS services; 3.1.7. Digital Television; 3.1.8. Analog television; 3.1.9. The last mile: from local loop VHF to fiber; 3.1.10. Transport and distribution of signals from headend to local loops; 3.2. Internet access by means of outdoor PLC

3.2.1. Structure of an electrical supply network

3.2.2. Use of the electric pair by PLC; 3.2.3. Frequencies used by PLC; 3.2.4. PLC standards; 3.2.5. Administration of an outdoor PLC; 3.3. Fiber optics to the home (FTTH); 3.3.1. Introduction; 3.3.2. Fiber optic technologies; 3.3.3. Fiber optic cables; 3.3.4. Lasers, LEDs and optical receivers; 3.3.5. Fiber optic subscriber connections: FTTx; 3.3.6. Fiber to the Home (FTTH); 3.4. xDSL networks; 3.4.1. Introduction; 3.4.2. General points; 3.4.3. ADSL technology; 3.4.4. Data organization: ADSL frame and superframe; 3.4.5. Elements of ADSL access

3.4.6. Protocol architecture for ADSL

3.4.7. Gigabit Ethernet transmission; 3.4.8. Unbundling; 3.4.9. Services over an ADSL network; 3.5. High bit rate radio: satellite, WiMAX and LTE; 3.5.1. Introduction; 3.5.2. Worldwide Inter-operability for Microwave Access (WiMAX); 3.5.3. LTE (-SAE); 3.5.4. Internet by satellite; 3.6. Bibliography; Chapter 4. Home Area Network Technologies; 4.1. Copper pair cables; 4.2. The home network in coaxial cable; 4.2.1. Communication mediums; 4.2.2. Transported signals: DOCSIS/EURODOCSIS; 4.2.3. Terminal section; 4.2.4. FTTLA beyond 2012

4.3. Home networks using indoor power line communications

---

#### Sommario/riassunto

The field of Home Area Networks (HAN), a dedicated residential subset of LAN technologies for home-based use, is fast becoming the next frontier for the communications industry. This book describes the various technologies involved in the implementation of a HAN: high-speed Internet connections, indoor implementations, services, software, and management packages. It also reviews multimedia applications (which are increasingly the most important and complex aspects of most HANs) with a detailed description of IPTV technology. It highlights the main technologies used for HANs: information tra

---

2. Record Nr.	UNINA9910709817603321
Titolo	Cognitive research on response error in survey questions on smoking
Pubbl/distr/stampa	Hyattsville, Maryland : , : U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control, National Center for Health Statistics, , 1992
Descrizione fisica	1 online resource (vi, 97 pages) : illustrations
Collana	Vital and health statistics. Series 6, Cognition and survey measurement ; ; no. 5 DHHS publication ; ; no. (PHS) 92-1080
Altri autori (Persone)	MeansBarbara <1949->
Soggetti	Cigarette smokers - Attitudes - Rating of - United States Smoking cessation - United States Health surveys - United States - Evaluation Self-perception - United States Health behavior - United States Health surveys - Evaluation Self-perception United States
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Prepared for the National Center for Health Statistics by SRI International: Barbara Means, principal investigator. Shipping list no.: 92-0662-P. "September 1992." "Performed under Department of Health and Human Services contract 200-88-7074 ... to SRI International"--Page ii.
Nota di bibliografia	Includes bibliographical references (pages 33-34).