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Broadband communication expands our opportunities for entertainment, e-commerce and work at home, health care, education, and even e-

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government. It can make the Internet more useful to more people. But it all hinges on higher capacity in the "first mile" or "last mile" that connects the user to the larger communications

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network. That connection is often adequate for large organizations such as universities or corporations, but enhanced connections to homes are needed to reap the full social and economic

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promise. Broadband: Bringing Home the Bits provides a contemporary snapshot of technologies, strategies, and policies for improving our communications and information infrastructure. It

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explores the potential benefits of broadband, existing and projected demand, progress and failures in deployment, competition in the broadband industry, and costs and who pays them. Explanations of

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**broadbandâ€™s alphabet
soup â€™ HFC, DSL, FTTH,
and all the rest â€™ are
included as well. The
reportâ€™s finding and
recommendations address
regulation, the roles of**

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communities, needed research, and other aspects, including implications for the Telecommunications Act of 1996.

“Annabel Dodd has cogently untangled the wires and

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switches and technobabble of the telecommunications revolution and explained how the introduction of the word 'digital' into our legislative and regulatory lexicon will affect consumers, companies and

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society into the next millennium.” – United States Senator Edward J. Markey of Massachusetts; Member, U.S. Senate Subcommittee on Communications, Technology, Innovation, and the Internet

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“Annabel Dodd has a unique knack for explaining complex technologies in understandable ways. This latest revision of her book covers the rapid changes in the fields of broadband,

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cellular, and streaming technologies; newly developing 5G networks; and the constant changes happening in both wired and wireless networks. This book is a must-read for anyone who

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wants to understand the rapidly evolving world of telecommunications in the 21st century!” – David Mash, Retired Senior Vice President for Innovation, Strategy, and Technology, Berklee College

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**of Music Completely updated
for current trends and
technologies, The Essential
Guide to Telecommunications,
Sixth Edition, is the world's
top-selling, accessible guide
to the fast-changing global**

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telecommunications industry. Writing in easy-to-understand language, Dodd demystifies today's most significant technologies, standards, architectures, and trends. She introduces leading providers

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worldwide, explains where they fit in the marketplace, and reveals their key strategies. New topics covered in this edition include: LTE Advanced and 5G wireless, modern security

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threats and countermeasures, emerging applications, and breakthrough techniques for building more scalable, manageable networks. Gain a practical understanding of modern cellular, Wi-Fi,

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Internet, cloud, and carrier technologies Discover how key technical, business, and regulatory innovations are changing the industry See how streaming video, social media, cloud computing,

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smartphones, and the Internet of Things are transforming networks Explore growing concerns about security and privacy, and review modern strategies for detecting and mitigating network breaches

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Learn how Software Defined Networks (SDN) and Network Function Virtualization (NFV) add intelligence to networks, enabling automation, flexible configurations, and advanced networks Preview cutting-

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edge, telecom-enabled applications and gear—from mobile payments to drones Whether you're an aspiring network engineer looking for a broad understanding of the industry, or a salesperson,

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marketer, investor, or customer, this indispensable guide provides everything you need to know about telecommunications right now. This new edition is ideal for both self-study and

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corrections as they become
available.**

***** NEW FOURTH EDITION**

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FOR TELECOM 101, 4TH
EDITION This is the historical
listing for the third edition.
Telecom 101 is the three
course workbooks from
Teracom's acclaimed core**

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**training Course 101 Telecom,
Datacom and Networking for
Non-Engineering
Professionals combined
together into a single
professionally-bound
softcover textbook with a**

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**laminated cover, 401 pages,
177 diagrams and a full index.
Telecom 101 covers telecom,
datacom and networking from
A-Z, organized in logical
chapters covering all major
topics, and written in our**

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signature telecom for non-engineers style. Specifically designed for the non-engineering professional, we'll bust the buzzwords, demystify the jargon, and cut through doubletalk. We fill in the gaps,

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build a solid, structured base of knowledge and show how everything fits together... knowledge and understanding that lasts a lifetime. This content, tuned and refined over the course of eighteen

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years, has been taught to thousands of people needing to build a solid, structured understanding of telecom, datacom and networking. A high percentage of seminar attendees specifically praise

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the course materials on seminar evaluations – materials now available in softcover textbook format in Telecom 101. Teracom's Telecom 101 is an invaluable day-to-day handbook, and is

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used by many as an economical and convenient way to self-study. A US Army communications specialist deployed to Iraq called it “a lifesaver” when contacting to us to order his own copy after

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**the owner of the one he was
borrowing demanded it back!
The third edition, published
2008, is completely revised
and updated, with complete
coverage of telecom, datacom,
IP and networking**

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may not cover what you need to know - in plain English - and you'll agree this is a very attractive deal. Chapter list:

PART 1: Fundamentals of Telecommunications

Introduction Fundamentals of

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**Telephony Telecom
Equipment The
Telecommunications Industry
Digital Communications
Transmission Systems T1
Wireless Communications
Voice Services and Jargon**

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**PART 2: Understanding Data
Communications Introduction
to Data Communications and
Networking How Data is
Formatted for Transmission
Modems Broadband Modems
Understanding LANs PART 3:**

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**Understanding IP and
Networking Understanding
Protocol Stacks IP Addressing
Private Networks Using
Routers and Dedicated Lines
Bandwidth On Demand IP
Network Services**

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**Understanding the Internet
Wrapping Up Ideal for anyone
needing an authoritative, up-to-
date reference covering all
major topics in
telecommunications, data
communications, IP and**

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**networking... in plain English.
A wealth of clear, concise,
organized knowledge,
impossible to find in one place
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many times over.**

**Global Sources Telecom
ProductsThe Emerging WDM
EPONSpringer
Personal Wireless**

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Communications

The Great Telecom Meltdown

Bringing Home the Bits

**Strategies and Policies for the
Developing World**

**19th International Conference,
Frankfurt/Main, Germany,**

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**March 13-16, 2006,
Proceedings
Third Edition
ICT Innovations for
Sustainability
Bachelor Thesis from the
year 2008 in the subject**

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**Business economics -
Marketing, Corporate
Communication, CRM,
Market Research, Social
Media, grade: 86 %,
Cologne Business School
Köln, 57 entries in the**

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**bibliography, language:
English, abstract: The
medium Television in
Germany looks back on a
more than 70-years old
history. Since the first
regular television**

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**programme was
broadcasted in 1935 -
which has been the first
worldwide - television was
subject of permanent
change. Broadcasting and
recording techniques, end**

**devices, public perception
and acceptance and
content developed
significantly over the
decades. Starting with a
single channel
broadcasting black and**

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white free-to-air, today consumers with the proper equipment can receive hundreds or even thousands of different channels that serve every imaginable need. Free-to-

**air broadcasting was little
by little replaced by cable
and satellite
broadcasting, starting in
1983 respectively in 1988.
Hand in hand with the
digitisation era a new**

**medium arose in the
1990's: broadcasting via
the internet. Due to high
bandwidth requirements
this distribution channel
developed slowly. Even
nowadays this represents**

the bottleneck of the potential “TV of the future”, called Internet Protocol Television (IPTV). However, IPTV has yet earned an early round of applause which

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is legitimated by the numerous advantages it offers for the consumer as well as for the distributor, content provider and advertiser. Service providers are

increasingly focused on delivering triple-play bundles that incorporate Internet, video, and VoIP services—as well as multi-play bundles containing even more advanced

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**services. Broadband
Network Architectures is
the first comprehensive
guide to designing,
implementing, and
managing the networks
that make triple-play**

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**services possible.
Hellberg, Greene, and
Boyes present their field-
tested industry best
practices and objectively
evaluate the tradeoffs
associated with key up-**

**front architectural
decisions that balance the
complexities of bundled
services and sophisticated
traffic policies.**

**Broadband Network
Architectures not only**

documents what is possible on this rapidly changing field of networking, but it also details how to divide Internet access into these more sophisticated

**services with specialized
Quality of Service
handling. Coverage
includes · An in-depth
introduction to next-
generation triple-play
services: components,**

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**integration, and business
connectivity · Triple-play
backbone design: MPLS,
Layer 3 VPNs, and
Broadband Network
Gateways
(BNGs)/Broadband**

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Remote Access Servers (B-RAS) · Protocols and strategies for integrating BNGs into robust triple-play networks · Triple-play access network design: DSLAM

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**architectures,
aggregation networks,
transport, and Layer 2
tunneling · VLAN-per-
customer versus service-
per-VLAN architectures:
advantages and**

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**disadvantages · PPP or
DHCP: choosing the right
access protocol · Issues
associated with operating
in wholesale, unbundled
environments · IP
addressing and**

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**subscriber session
management · Broadband
network security,
including Denial of
Service attacks and VoIP
privacy · The future of
wireless broadband: IMS,**

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**SIP, and non-SIP based
fixed mobile convergence
and wireless video**

The OECD

**Communications Outlook
provides an extensive
range of indicators for**

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**different types of
communications networks
and compares
performance indicators
such as revenue,
investment, employment
and prices for services**

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**throughout the OECD
area.**

**With the advent of digital
convergence, incumbent
telephone and cable
companies have begun to
offer their services, such**

**as voice telephony,
Internet and TV in so-
called triple play
packages. While carefully
recognizing the
technological, legal and
economic framework of**

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**the fixed-line
telecommunications
industry, this book
investigates whether
bundling is indeed a
profitable pricing
strategy for the firms and**

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**if it can possibly facilitate
the leverage of market
power into neighboring
markets.**

**Technologies and
Business Models for
Success**

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**Telecommunications
Essentials, Second
Edition**

**Network Management:
Principles and Practice**

Realizing the 2020 Digital

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Agenda
Technologies and
Deployment Strategies
The Case of T-Home

*This book constitutes the
refereed proceedings of the
10th International Teletraffic*

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***Congress, ITC 2007, held in
Ottawa, Canada, June 2007.
Coverage includes IPTV
planning and modeling,
network performance, traffic
engineering, end-to-end delay
in converged networks,***

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queuing models, impact of convergence and divergence forces on network performance, traffic management in wireless networks, and network design for capacity and performance.

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Access to broadband connectivity is a country's passport to the global information society and knowledge economy the future. However, the adoption and use of broadband

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technology today remains extremely uneven and threatens to create a new digital divide. At the end of 2009, countries in North America and the European Union accounted for more

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***than 50 percent of the world's
1 billion fixed and mobile
broadband subscriptions, but
South Asia and Sub-Saharan
Africa together accounted for
less than 3 percent. The
experience with mobile***

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telephony though shows the potential for growth in the information and communication technology sector in developing countries. Almost 75 percent of the world s mobile

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telephone subscriptions are in low- and middle-income countries, which have also promoted exciting innovations and realized significant economic development benefits. In fact, a growing

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number of countries are seeking to spur broadband development. To aid governments as they design their own programs, this volume offers examples and ideas from some of the most

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successful broadband markets: particularly the Republic of Korea, but also Finland, France, Japan, Sweden, the United Kingdom, and the United States.
'Building Broadband' does not

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***suggest a universal solution
but rather provides a long list
of policies and programs
organized within a strategic
framework that allows
solutions tailored to country
circumstances. The essential***

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building blocks identified are useful everywhere because they focus on improving incentives and the climate for private investment. This is a policy that even countries with very limited resources will be

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able to exploit.

This book is available as open access through the Bloomsbury Open Access programme and is available on www.bloomsburycollections.com. Chris Marsden maneuvers

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***through the hype articulated
by Netwrok Neutrality
advocates and opponents. He
offers a clear-headed analysis
of the high stakes in this
debate about the Internet's
future, and fearlessly refutes***

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***the misinformation and
misconceptions that about'
Professor Rob Freiden, Penn
State University Net Neutrality
is a very heated and contested
policy principle regarding
access for content providers***

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to the Internet end-user, and potential discrimination in that access where the end-user's ISP (or another ISP) blocks that access in part or whole. The suggestion has been that the problem can be resolved

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by either introducing greater competition, or closely policing conditions for vertically integrated service, such as VOIP. However, that is not the whole story, and ISPs as a whole have incentives to

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discriminate between content for matters such as network management of spam, to secure and maintain customer experience at current levels, and for economic benefit from new Quality of Service

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standards. This includes offering a 'priority lane' on the network for premium content types such as video and voice service. The author considers market developments and policy responses in Europe

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and the United States, draws conclusions and proposes regulatory recommendations. Network Management: Principles And Practice is a reference book that comprehensively covers

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various theoretical and practical concepts of network management. It is divided into four units. The first unit gives an overview of network management. The
Optical Access Networks and

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***Advanced Photonics:
Technologies and Deployment
Strategies
Broadband
Achieving the Triple Play
The Masterplan for Starting
and Managing a Profitable,***

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***Customer-based Marketing
Program***

***Encyclopedia of Internet
Technologies and
Applications***

***For Next Generation Passive
Optical Networks***

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The Emerging WDM EPON

This book proposes dynamic wavelength and bandwidth allocation (DWBA), a hybrid of time-division multiplexing (TDM) and wavelength-division multiplexing (WDM), which offers a solution for service providers

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faced with multiservice networks. It discusses different models, architectures and implementations and evaluates their performance. Video on Demand Systems brings together in one place important contributions and up-to-date research

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results in this fast moving area. Video on Demand Systems serves as an excellent reference, providing insight into some of the most challenging research issues in the field.

First in-depth analysis of broadband developments in Europe, combining

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qualitative and quantitative analysis, with chapter contributions provided by in-country experts.

ICT Innovations for Sustainability is an investigation of how information and communication technology can contribute to sustainable development.

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It presents clear definitions of sustainability, suggesting conceptual frameworks for the positive and negative effects of ICT on sustainable development. It reviews methods of assessing the direct and indirect impact of ICT systems on energy and

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materials demand, and examines the results of such assessments. In addition, it investigates ICT-based approaches to supporting sustainable patterns of production and consumption, analyzing them at various levels of abstraction – from

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end-user devices, Internet infrastructure, user behavior, and social practices to macro-economic indicators. Combining approaches from Computer Science, Information Systems, Human-Computer Interaction, Economics, and

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Environmental Sciences, the book presents a new, holistic perspective on ICT for Sustainability (ICT4S). It is an indispensable resource for anyone working in the area of ICT for Energy Efficiency, Life Cycle Assessment of ICT, Green IT, Green Information

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Systems, Environmental Informatics,
Energy Informatics, Sustainable HCI,
or Computational Sustainability.

The Essential Guide to
Telecommunications

Communication Technology Update
SONET/SDH, ATM, MPLS and

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Optical Networks
Access Technologies for Multimedia
Communications
Technology, Interoperability and
Trials
The Complete Global Source
Networks for Grid Applications

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First Published in 2004. Routledge is an imprint of Taylor & Francis, an informa company.

Providing readers with an authoritative account of what contributed to the "Great Telecom Crash," this insightful resource

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explores the roots of the perfect storm that buffeted telecom and Internet companies and investors.

Telecommunications Essentials, Second Edition, provides a comprehensive overview of the rapidly evolving world of telecommunications.

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Providing an in-depth, one-stop reference for anyone wanting to get up to speed on the \$1.2 trillion telecommunications industry, this book not only covers the basic building blocks but also introduces the most current information on new

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technologies. This edition features new sections on IP telephony, VPNs, NGN architectures, broadband access alternatives, and broadband wireless applications, and it describes the technological and political forces at play in the world of

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*telecommunications around the globe.
Topics include Communications
fundamentals, from traditional
transmission media, to establishing
communicationschannels, to the PSTN
Data networking and the Internet,
including the basics of data*

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communications, local area networking, wide area networking, and the Internet and IP infrastructures Next-generation networks, including the applications, characteristics, and requirements of the new generation of networks that are being built to quickly

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and reliably carry the ever-increasing network traffic, focusing on IP services, network infrastructure, optical networking, and broadband access alternatives Wireless networking, including the basics of wireless networking and the

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technologies involved in WWANs, WMANs, WLANs, and WPANs
Written as an authoritative introduction, this text describes the technology of digital television broadcasting. It gives a thorough technical description of the underlying

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principles of the DVB standard following the logical progression of signal processing steps, as well as COFDM modulation, source and channel coding, MPEG compression and multiplexing methods, conditional access and set-top box technology. If

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you are looking for a concise technical briefing' that will quickly get you up to speed with the subject without getting lost in the detail - this is the book you need. After an overview of analogue TV systems and video digitization formats, the author then examines the various

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steps of signal processing - taken in order from transmission to reception - to facilitate an understanding of the architecture and function of the main blocks of the Integrated Receiver/Decoder (IRD) or "set-top" box. Herve Benoit focuses attention on

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*the very complex problems that need to be solved in order to define reliable standards for broadcasting digital pictures to the consumer and gives solutions chosen for the current DVB system. * Enhance your knowledge of digital television with this authoritative*

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*technical introduction * Learn the underlying principles of DVB standard, COFDM modulation, compression, multiplexing, conditional access and set-top box technology *A concise technical 'briefing' that brings you up to speed with the subject.*

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IPTV Monthly Newsletter

Video on Demand Systems

Global Sources Telecom Products

*MPEG-1, MPEG-2 and Principles of
the DVB System*

Broadband Network Architectures

Implementation and Applications of

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DSL Technology

11th IFIP WG 6.1 International

Conference, DAIS 2011, Reykjavik,

Iceland, June 6-9, 2011, Proceedings

"This encyclopedia offers a

comprehensive knowledge of

multimedia information technology from

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*an economic and technological perspective"--Provided by publisher.
A thorough knowledge of modern connection-oriented networks is essential to understanding the current and near-future state of networking.
This book provides a complete overview of connection-oriented*

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networks, discussing both packet-switched and circuit-switched networks, which, though seemingly different, share common networking principles. It details the history and development of such networks, and defines their terminology and architecture, before progressing to

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aspects such as signaling and standards. There is inclusive coverage of SONET/SDH, ATM networks, Multi-Protocol Label Switching (MPLS), optical networks, access networks and voice over ATM and MPLS.

*Connection-oriented Networks: *
Provides in-depth, systematic*

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*coverage of several connection-oriented networks in a single volume * Explains topics such as the Generic Framing Procedure, Label Distribution Protocols, Wavelength Routing Optical Networks, Optical Burst Switching, and Access Networks in detail * Illustrates all concepts with problems and*

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*simulation projects to test and deepen your understanding * Includes an accompanying website with solutions manual and complete set of PowerPoint presentations for each chapter Senior undergraduate and graduate students in telecommunication and networking*

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courses, as well as networking engineers, will find this comprehensive guide to connection-oriented packet-switched and circuit-switched networks useful for their training. The book presents tried and tested material based on an existing, successful course.

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This guide identifies issues and challenges in broadband development, analyzing potential solutions to consider, and providing practical examples from countries that have addressed broadband-related matters. Provides the most thorough examination of Internet technologies

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and applications for researchers in a variety of related fields. For the average Internet consumer, as well as for experts in the field of networking and Internet technologies.

Home Networking

*Bundling Telecommunications
Services*

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*Competitive Strategies for Converging
Markets*

Net Neutrality

The Internet in New Zealand

*The 12th IFIP International Conference
on Personal Wireless Communications
(PWC 2007), Prague, Czech Republic,
September 2007*

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*20th International Teletraffic Congress,
ITC20 2007, Ottawa, Canada, June
17-21, 2007, Proceedings*

**The Home Networking
Conference 2007 provided
an international technical
forum for experts from**

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**industry and academia
everywhere in the world to
exchange ideas and present
results of ongoing
researches in home
networking. The IFIP series
publishes state-of-the-art**

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results in the sciences and technologies of information and communication. Proceedings and post-proceedings of referred international conferences in computer science and

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interdisciplinary fields are featured.

This book focuses on various Passive optical networks (PONs) types, including currently deployed Ethernet PON

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(EPON) and Gigabit PON (GPON) as well as next generation WDM PON and OFDM PON. Also this book examines the integrated optical and wireless access networks. Concentrating on

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two issues in these networks: media access control (MAC) and resource allocation. These two problems can greatly affect performances of PONs such as network resource

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utilization and QoS of end users. Finally this book will discuss various solutions to address the MAC and resource allocation issues in various PON networks. Technological progress is

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one of the driving forces behind the dramatic development of computer system architecture over the past three decades. Even though it is quite clear that this development cannot only

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be measured by the maximum number of components on a chip, Moore's Law may be and is often taken as a simple measure for the non-braked growth of computational

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power over the years. The more components are realizable on a chip, the more innovative and unconventional ideas can be realized by system architects. As a result,

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research in computer system architectures is more exciting than ever before. This book covers the trends that shape the field of computer system architectures. The fundamental trad

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**e-
o?inthedesignofcomputing
systems is between
?exibility, performance, pow
erconsumption, andchip
area.The full exploitation of
future silicon capacity**

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requires new architecture approaches and new design paradigms such as multiple computers on a single chip, recon?gurable processor arrays, extensible processor architectures,

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and embedded memory technologies. For a successful use in practical applications, it is not enough to solve the hardware problems but also to develop platforms that provide software

**reinfrasturcture and
support e?ective
programming. A quantum
jump in complexity is
achieved by embedded
computing systems with an
unprecedented level of**

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connectivity linking together a growing number of physical devices through networks. Embedded systems will become more and more pervasive as the component technologies

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become smaller, faster, and cheaper. Their complexity arises not only from the large number of components but also from a lack of determinism and a continual evolution of these

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systems.

One of the most popular offerings telecom companies now provide is the triple play, which consists of voice, video, and data, all from one

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company and with one bill. This book addresses the challenges and benefits of offering converged services and looks at how the new technology is affecting companies and customers.

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**Media Access Control and
Resource Allocation
Connecting the Clouds
First IFIP WG 6.2 Home
Networking Conference
(IHN'2007), Paris, France,
December 10-12, 2007**

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**Managing Traffic
Performance in Converged
Networks
Broadband Last Mile
Broadband Strategies
Handbook
ADSL news**

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Strategic Database Marketing is the only resource to explain database marketing from the customer's point of view, instead of the seller's. Now, as exploding research and technology create entirely new

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market challenges, the Second Edition of this influential bestseller explains the method for computing RFM (Reach, Frequency, Monetary), as well as covering recently developed tools and resources including

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the Internet, loyalty programs, customer-specific marketing, and more.

The International conference on Personal Wireless Communications (PWC 2007) was the twelfth conference of

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its series aimed at stimulating technical exchange between researchers, practitioners and students interested in mobile computing and wireless networks. The program covered a variety of research

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topics that are of current interest, including Ad-Hoc Networks, WiMAX, Heterogeneous Networks, Wireless Networking, QoS and Security, Sensor Networks, Multicast and Signal

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processing.

Broadband Last Mile: Access Technologies for Multimedia Communications provides in-depth treatments of access technologies and the applications that rely upon

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them or support them. It examines innovations and enhancements along multiple dimensions in access, with the overarching goal of ensuring that the last mile is not the weak link in the broadband

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chain. Written by experts from the academic and commercial segments of the field, the book's self-contained sections address topics related to the disciplines of communications, networking, computing, and

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signal processing. The core of this treatment contains contemporary reviews of broadband pipes in the classes of copper, cable, fiber, wireless, and satellite. It emphasizes the coexistence of

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these classes within a network, the importance of optical communications for unprecedented bandwidth, and the flexibility and mobility provided by wireless. The book also includes perspective on

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the increasingly important topic of network management, providing insights that are true regardless of the nature of the pipe. The text concludes with a discussion of newly emerging applications and

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broadband services. This book offers an all-in-one treatment of the physical pipes and network architectures that make rich and increasingly personalized applications possible. It serves as a

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valuable resource for researchers and practitioners working in the increasingly pervasive field of broadband. This book constitutes the refereed proceedings of the 11th IFIP WG 6.1 International

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Conference on Distributed Applications and Interoperable Systems, DAIS 2011, held in Reykjavik, Iceland, in June 2011 as one of the DisCoTec 2011 events. The 18 revised full papers and 6 short papers

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presented were carefully reviewed and selected from 55 submissions. The papers presented at DAIS 2011 address key challenges of modern distributed services and applications, including

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pervasiveness and peer-to-peer environments, and tackle issues related to adaptation, interoperability, availability and performance, as well as dependability and security.

OECD Communications

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Outlook 2007

Designing and Deploying
Triple-Play Services

Telecom 101 :

Telecommunications for Non-
engineers

Architecture of Computing

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Systems - ARCS 2006

Telecom 101

Distributed Applications and
Interoperable Systems

Strategic Database Marketing

"This book presents a
comprehensive overview of

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emerging optical access network solutions to efficiently meet the anticipated growth in bandwidth demand"--Provided by publisher.

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The digital subscriber line (DSL) industry is expanding rapidly and a technology once thought to be only transitional will soon clear \$100 billion in total annual service

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revenue. From the world's leading DSL experts, Implementation and Application of DSL Technologies builds upon the theory presented in Fundamentals of DSL

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Technologies to address issues fundamental to the success of DSL technology, including those that sustain DSL development, constraints, and challenges. This highly

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practical text peers into the blossoming sub-industries, all born of the DSL. The editors lead with a discussion on splitter circuits and micro-filters and continue

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by addressing digital chipsets and the capabilities required to mix and match them with various other components. Since testing has become an industry in its own,

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several chapters describe the various types of testing necessary for service qualification, the evolution of testing and provisioning of services from plain old telephone

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service, loop qualification, and regulator's decree of spectrum management. The book gives adequate coverage of DSM technology and describes networks for

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multiple applications in video, telephony, and Internet data areas and the associated network architectures. In addition, a section on security discusses packet

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transfer mechanism and voice-over DSL. Offering a vast array of information not currently in the public domain, Implementation and Application of DSL

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Technologies provides a rigorous survey of DSL applications that illustrates the profound effect this technology is having on the communications industry.

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When combined with Fundamentals of DSL Technology, this is the most comprehensive and authoritative source of information on DSL. This book constitutes the

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thoroughly refereed post-conference proceedings of the Second International Conference on Networks for Grid Applications, GridNets 2008, held in Beijing, China in October

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2008. The 19 revised full papers presented together with 4 invited presentations were carefully reviewed and selected from 37 submissions. The papers

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address the whole spectrum of grid networks, ranging from formal approaches for grid management to case studies in optical switching.

Connecting the Clouds: The

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Internet in New Zealand takes the reader on an informative and entertaining ride through our telecommunications history and the people who have shaped it. The

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important issues and choices facing us today are explained in plain language. It provides valuable insights into the evolving communications framework that helped New

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Zealand shift from an isolated outpost of the British Empire to a nation of digital pioneers intimately connected and active in the emerging global village. As

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advances in computer and Internet technology continue to transform government, business, communities and our personal lives, it's essential that there

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should be well-informed debate from a wide cross-section of the New Zealand community. This highly readable and accessible book aims to spur that debate. Writer Keith Newman

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has conducted over 100 interviews with visionaries and scientists, computer programmers, telecommunications experts, engineers,

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business leaders and politicians. The result is a fascinating, highly readable account that marks a key chapter in New Zealand's development as a modern nation.

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Digital Television
Encyclopedia of Multimedia
Technology and Networking
The Dynamics of Broadband
Markets in Europe
Building Broadband
Connection-Oriented

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Networks

Second International
Conference, GridNets 2008,
Beijing, China, October
8-10, 2008. Revised
Selected Papers
Internet Protocol

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Television in Germany –
Analysing Business Models
for Market Success