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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	-- Preface viii -- 1 Introduction 1 -- 2 Technology, Business and Policy 14 -- 3 Voice Communications 49 -- 4 Information Theory 78 -- 5 From Analogue to Digital 98 -- 6 Error Control Coding 129 -- 7 Digital Modulation 153 -- 8 Packetised Data Communications 169 -- 9 Fixed Broadband Communications Systems 191 -- 10 Terrestrial Broadband Wireless Telecommunications 215 -- 11 Satellite Communications 257 -- 12 Personal Wireless Communications Systems 282 -- 13 Network Topologies, Design and Convergence 307 -- 14 Content Delivery and Net Neutrality 334 -- Acknowledgements 355 -- Case Study Index 356 -- Index 357
Sommario/riassunto	The focus of this book is broadband telecommunications: both fixed (DSL, fiber) and wireless (1G-4G). It uniquely covers the broadband telecom field from technological, business and policy angles. The reader learns about the necessary technologies to a certain depth in order to be able to evaluate and analyse competing technologies. The student can then apply the results of the technology analysis to business (revenues and costs, market size, etc) to evaluate how successful a technology may be in the market place. Technology and business analyses lead to policy analysis and how government deal with

rolling out of broadband networks; content (such as text, audio and video) delivered over them. Furthermore, how government may ensure a competitive and fair environment is maintained for service provision. The book is unique in its approach as it prepares the student to evaluate products from three different viewpoints of technology-business and policy. The book provides a unified vision for broadband communications, offering the required background as well a description of existing broadband systems, finishing with a business scenario. The book breaks new ground by discussing telecommunication technologies in a business and policy context.

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Rosinger, Elemer E.

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Lecture notes in mathematics, 0075-8434 ; 684

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Equations involving nonlinear operators

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