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Soggetti	Telecommunication systems Technological innovations
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Front Matter -- Introduction -- User Hardware. Physical Layer Connectivity -- Interrelationship of the Physical Layer with Other Layers of the OSI Model -- Telecommunications Economies of Scale -- Wireless User Hardware -- Cable, Copper, Wireless and Fibre and the World of the Big TV -- User Software. Device-Centric Software -- User-Centric Software -- Content-and Entertainment-Centric Software -- Information-Centric Software -- Transaction-Centric Software -- Network Hardware. Wireless Radio Access Network Hardware -- Wireless Core Network Hardware -- Cable Network and Fibre Network Technologies and Topologies -- Terrestrial Broadcast/Cellular Network Integration -- Satellite Networks -- Network Software. Network Software The User Experience -- Network Software - Energy Management and Control -- Network Software - Microdevices and Microdevice Networks - The Software of the Very Small -- Server Software -- Future Trends, Forecasting, the Age of Adaptation and More Transformative Transforms -- Index.
Sommario/riassunto	Bridging the industry divide between the technical expertise of

engineers and the aims of market and business planners, Making Telecoms Work provides a basis for more effective interdisciplinary analysis of technology, engineering, market and business investment risk and opportunity. Since fixed and mobile broadband has become a dominant deliverable, multiple areas of transition and transformation have occurred; the book places these changes in the context of the political, social and economic dynamics of the global telecommunications industry. Drawing on 25 years of participative experience in the mobile phone and telecommunications industry, the author closely analyses the materials, components and devices that have had a transformative impact. By presenting detailed case studies of materials innovation, such as those shown at success story Apple, the book shows how the collaboration of technological imagination with business knowledge will shape the industry's future. Makes a link between the technical aspects and the business practice of the telecoms industry, highlighting the commercial and economic significance of new developments . Gives a historical analysis of past successes and failures in order to identify future competitive advantage opportunities. Supplies detailed case studies of supply chain disconnects and the impact these have on industry risk and profitability. Brings together technological detail with analysis of what is and is not commercially important, from the implications of energy and environmental networks to the technical details of wireless network hardware.
