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Soggetti	Telecommunication Signal processing Electronics Communications Engineering, Networks Microwaves, RF Engineering and Optical Communications Digital and Analog Signal Processing Electronics and Microelectronics, Instrumentation
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Introduction -- Physical Layer of the DAB and DAB+ Systems -- Impact of The Propagation Channel on Reception Quality of the DAB Signal -- Single Frequency Networks SFN -- Dab Multiplexes -- Logical Channels -- Layered Description of Transport in the DAB / DAB+ Systems -- Multimedia Applications -- Transmission of Services in the Cumulative DAB Network -- Transmission of Multiplex Signal to Broadcasting Network -- Mechanisms of Conditional Access in the DAB System -- Development of The DAB System -- Conclusion.
Sommario/riassunto	This book describes the basic functions of the European Digital Radio DAB+ (Digital Audio Broadcasting plus) with its direct possible applications in a simple way. The book refers to fundamentals of DABs 80+ norms and specifications. Presented subjects are indicating problems of DAB signal propagation and possible multimedia applications. The book provides about 130 figures for explaining new concepts in an easy to approach manner. Applications include, but are not limited to audio compression MPEG, OFDM, SFN phasor

representation, multiplexes, MOT, and conditional access. The book is intended for those interested in decisions regarding radio at various levels, owners of radio stations, and designers of various multimedia applications of digital radio in the field of security, students of wireless systems, etc. • Presents the fundamental functions of DAB / DAB+ (Digital Audio Broadcasting) along with its applications, • Outlines the European Digital Radio system, • Explains the functions of worldwide emerging digital radio subsystems.