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Nota di contenuto	About the Authors -- Preface -- Acknowledgements -- Abbreviations -- List of Contributors -- List of Figures -- 1. General -- 1.1 Setting up the Scene -- 1.2 Benefits of DVB-H -- 1.3 Standardization -- 1.4 Contents of the Book -- 2. DVB-H Overview -- 2.1 Time Slicing -- 2.2 MPE-FEC -- 2.3 DVB-H Specific Signaling -- 2.4 The Broadcast and Cellular Systems in DVB-H -- 2.5 Market Needs -- 2.6 Applications -- 3. Mobile TV Business Eco-System -- 3.1 The Network of Dependencies in Mobile TV Business -- 3.2 Mobile TV Business Role -- 3.3 Vertical Business Model, Mobile Operator-Driven Model -- 3.4 Virtual Network Operator Model, Mobile Operator Operator-Driven Model -- 3.5 Wholesaler-Reseller Model, Broadcast Network Operator-Driven Model. -- 3.6 NewCo or Consortium / Broadcaster-Driven Model -- 3.7 Revenue Models -- 3.8 Broadcast Network as Starting Point -- 4. Technical Architecture -- 4.1 Main Elements -- 4.2 Core Network -- 4.3 Mobile Broadcast Solution (MBS) -- 4.4 Radio Network -- 4.5 Interfaces and Protocols -- 5. DVB-H Equipment -- 5.1 Terminals -- 5.2 Core Elements -- 5.3 Radio Elements -- 5.4 Antenna Systems --

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Sommario/riassunto

A guide to implementing the DVB-H system for the carriage of MobileTV services, The DVB-H Handbook provides an overview of all aspects of the specification. Placing particular emphasis on the technical elements, it includes important information on the signalling and service discovery. The background, functioning, planning and optimisation of DVB-H are systematically explained for use in network planning and optimization. Subjects such as coding, different modes for channel delivery and protection in core and radio system are detailed. Giving examples on the practical interpretation of the DVB-H specifications, this book also describes the process behind the realization of the end-to-end system. * Outlines the functioning, planning and optimization of the complete DVB-H system * Spans topics from physical network planning and link layer specifications, to application ingredients such as EPGs and audiovisual streaming technologies * Uses illustrations and selected case examples reflecting real-life practice to give greater understanding * Functions as an overview of the topic, as well as a tutorial for implementing the system * A must-read for beginners as well as established experts within the field of Mobile broadcasting.
