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Digital Terrestrial Broadcasting Networks addresses the issue of frequency and network planning for digital terrestrial broadcasting systems with a focus on Digital Audio Broadcast and Digital Video Broadcast. The author presents relevant terrestrial broadcasting systems as well as the general international framework of spectrum management. The material also introduces basic concepts and mathematical methods needed for the planning process. The mathematics contained within the book are based on elaborate algorithms, but the material takes a descriptive approach rather than developing the requi The Integrated Services Digital Broadcasting for Terrestrial Television Broadcasting (ISDB-T) was conceived in Japan to broadcast digital television signals. It allows high-definition television (HDTV) to be accessible for users of the mobile and wireless receivers, with high or low image definition. These waves travel in the air until they reach the ISDB-T receivers, which have the function of executing the reverse process i.e. turning electromagnetic waves into digital signals that the television decoders will understand: the video and audio signals. The transformation process is complex and attempts to guarantee a perfect signal at the receiver, which implies high quality of sound and image. Digital Terrestrial Multimedia Broadcast. From Wikipedia, the free encyclopedia. "DTMB" redirects here. Previously known as DMB-T/H (Digital Multimedia Broadcast-Terrestrial/Handheld), the DTMB is a merger of the standards ADTB-T (developed by the Shanghai Jiao Tong University), DMB-T (developed by Tsinghua University) and TiMi (Terrestrial Interactive Multiservice Infrastructure); this last one is the standard proposed by the Academy of Broadcasting Science in 2002.