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Soggetti	Electrical engineering Signal processing Image processing Speech processing systems Coding theory Information theory Communications Engineering, Networks Signal, Image and Speech Processing Coding and Information Theory
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Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	Introduction -- Hybrid video codec structure -- Intra Prediction -- Inter Prediction -- Rate distortion cost optimization -- Fast Prediction Techniques -- Conclusion.
Sommario/riassunto	This book discusses in detail the basic algorithms of video compression that are widely used in modern video codec. The authors dissect complicated specifications and present material in a way that gets readers quickly up to speed by describing video compression algorithms succinctly, without going to the mathematical details and technical specifications. For accelerated learning, hybrid codec structure, inter- and intra- prediction techniques in MPEG-4, H. 264/AVC, and HEVC are discussed together. In addition, the latest research in the fast encoder design for the HEVC and H.264/AVC is also included.