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Altri autori (Persone)	SuzukiYoiti
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Nota di contenuto	section 1. Exploring new frontiers in sound localizations -- section 2. Measuring and modeling the head-related transfer function -- section 3. Capturing and controlling the spatial sound field -- section 4. Applying virtual sound techniques in the real world.
Sommario/riassunto	Humans possess a remarkable ability to extract rich three-dimensional information about sound environments simply by analyzing the acoustic signals they receive at their two ears. Research in spatial hearing has evolved from a theoretical discipline studying the basic mechanisms of hearing to a technical discipline focused on designing and implementing increasingly sophisticated spatial auditory display systems. This book contains over 30 chapters representing the current state-of-the-art in spatial audio research selected from papers presented in Sendai, Japan, at the First International Work