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Descrizione fisica	1 online resource (XVII, 417 p. 92 illus., 74 illus. in color.)
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Soggetti	Directional hearing Speech perception Binaural hearing aids Oïda Percepció auditiva Psicoacústica Llibres electrònics
Lingua di pubblicazione	Inglese
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Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Ch 1: Binaural Processing of Sounds -- Ch 2: Localization and Lateralization of Sound -- Ch 3: Sound Source Localization Is a Multisystem Process -- Ch 4: Anatomy and Physiology of the Avian Binaural System -- Ch 5: Binaural Hearing by the Mammalian Auditory Brainstem: Joint Coding of Interaural Level and Time Differences by the Lateral Superior Olive -- Ch 6: Binaural Hearing with Temporally Complex Signals -- Ch 7: Binaural Hearing and Across-Channel Processing -- Ch 8: Binaural Unmasking and Spatial Release from Masking -- Ch 9: Spatial Hearing in Rooms and Effects of Reverberation -- Ch 10: Computational Models of Binaural Processing -- Ch 11: Clinical Ramifications of the Effects of Hearing Impairment and Aging on Spatial and Binaural Hearing -- Ch 12: Physiology of Higher Central Auditory Processing and Plasticity -- Ch 13: Binaural Hearing with Devices. .
Sommario/riassunto	This volume provides an up-to-date reference on the developments and novel ideas in the field of binaural hearing. The primary readership

for the volume are specialists in the diverse fields such as psychoacoustics, neuroscience, engineering, psychology, audiology, hearing aids, and cochlear implants.
