

Auditory Perception of Sound Sources - 544 pages - 9780387518381 - Springer US, 1989 - Wilfried Brauer, C. Freksa - 1989

Auditory perceptual development. Auditory perception is dependent on three things: the appropriate transduction of sound waves into electrical signals, filtering out of background noise, and the reconstruction of complex sound patterns into recognizable bytes. Small changes in air pressure move the tympanic membrane and its attached malleus, which shifts the stapes and incus. Cambridge Core - Neurosciences - Auditory Perception. Book description. This revised and updated third edition describes the nature of sound, how sound is analyzed by the auditory system, and the rules and principles governing our interpretation of auditory input. It covers many topics including sound and the auditory system, locating sound sources, the basis for loudness judgments, perception of acoustic sequences, perceptual restoration of obliterated sounds, speech production and perception, and the relation of hearing to perception in general. Start by marking "Auditory Perception of Sound Sources" as Want to Read: Want to Read saving... Want to Read. Currently Reading. Read. Auditory Perception of by William A Yost. Other editions. The Springer Handbook of Auditory Research presents a series of comprehensive and synthetic reviews of the fundamental topics in modern auditory research. The volumes are aimed at all individuals with interests in hearing research, including advanced graduate students, postdoctoral researchers, and clinical investigators. The volumes are intended to introduce new investiga The Springer Handbook of Auditory Research presents a series of comprehensive and synthetic reviews of the fundamental topics in modern auditory research.