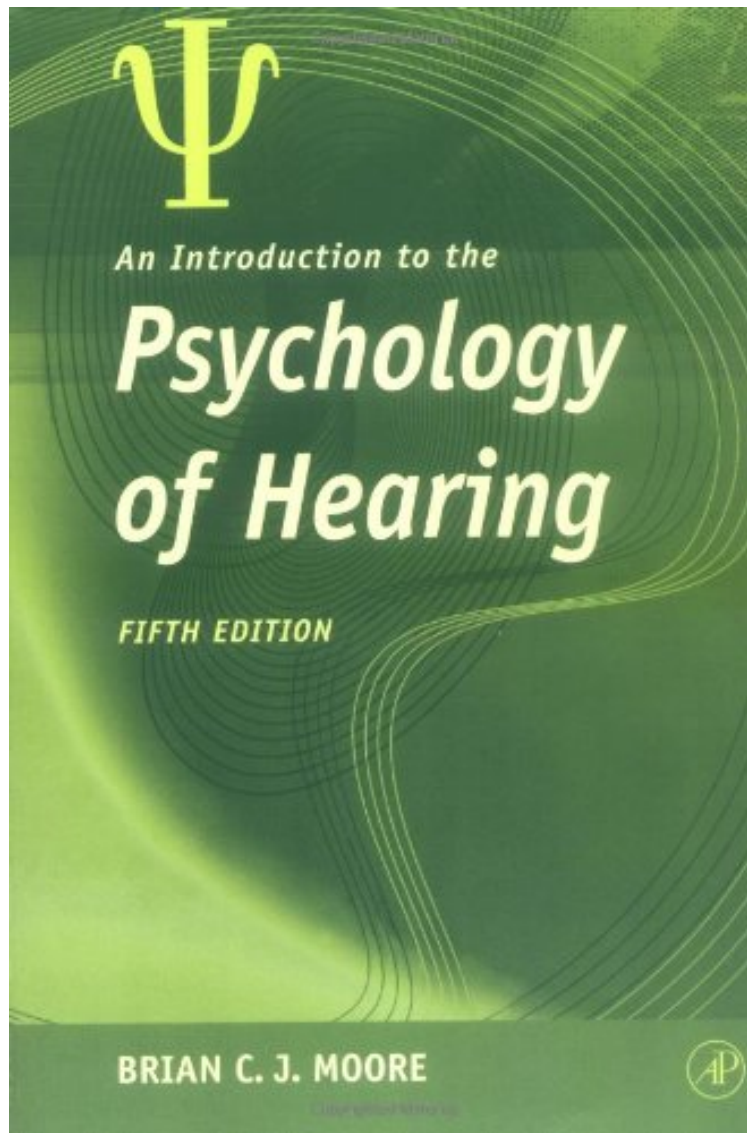


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An Introduction to the Psychology of Hearing, 5th Edition

Brian Moore

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have paid extra money for a longer book with a better explanation. However, if the basics of anatomy and acoustics aren't new to you, I suggest this as a good starting point. 4 of 4 people found the following review helpful. Maybe the best
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By A Customer This is the standard text for those interested in psychoacoustics. In addition to being authoritative, it is an excellent read. One of the few technical books I've actually read cover-to-cover more than once, and an invaluable reference.

Now available in a Fifth Edition, *An Introduction to the Psychology of Hearing* is the leading textbook in the field of auditory perception also known as psychoacoustics. The Fifth Edition has been thoroughly updated, with more than 200 references to articles and books published since 1996. The book describes the relationships between the characteristics of the sounds that enter the ear and the sensations that they produce. Wherever possible these relationships are specified in terms of the underlying mechanisms. In other words, the goal is to impart an understanding of what the auditory system does and how it works. Topics covered include the physics of sound, the physiology of the auditory system, frequency selectivity and masking, loudness perception, temporal analysis, pitch perception, sound localization, timbre perception, the perceptual organization of complex auditory "scenes", speech perception, and practical applications such as hearing aids, cochlear implants, and high-fidelity sound reproduction. The book starts from basic principles, and does not assume prior knowledge about hearing. Research results are not just described, but are interpreted and evaluated. The book includes extensive references to recent research so that those interested in a specific area can readily obtain more detailed information. Designed for advanced undergraduate and graduate level courses in psychology, speech and hearing sciences, and audiology Will appeal to researchers and professionals involved in sound and hearing, such as audio engineers, otologists, hearing-aid designers, audiologists, and hearing aid dispensers Emphasis on the mechanisms underlying auditory perception with key concepts clearly explained

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from the University of Cambridge, England. He is currently Professor of Auditory Perception in the University of Cambridge. He has also been a Visiting Professor at Brooklyn College, the City University of New York, and the University of California at Berkeley and was a van Houten Fellow at the Institute for Perception Research, Eindhoven, the Netherlands. His research interests are: the perception of sound; mechanisms of normal hearing and hearing impairments; relationship of auditory abilities to speech perception; design of signal processing hearing aids for sensorineural hearing loss; methods for fitting hearing aids to the individual; design and specification of high-fidelity sound-reproducing equipment; perception of music and of musical instruments. He is a Fellow of the Royal Society of London, a Fellow of the Academy of Medical Sciences, a Fellow of the Acoustical Society of America, a Fellow of the Association for Psychological Science, and an Honorary Fellow of the Belgian Society of Audiology and the British Society of Hearing Aid Audiologists. He is a member of the Experimental Psychology Society (U.K.), the British Society of Audiology, The American Speech-Language Hearing Association, The American Auditory Society, the Audio Engineering Society, the Association for Research in Otolaryngology and the American Academy of Audiology. He is President of the Association of Independent Hearing Healthcare Professionals (UK). He has written or edited 15 books and over 500 scientific papers and book chapters. He has twice received the Littler Prize of the British Society of Audiology. In 2003 he was awarded the Acoustical Society of America Silver Medal in physiological and psychological acoustics. In 2004 he received the first "International Award in Hearing" from the American Academy of Audiology. In 2008 he received the Award of Merit from the Association for Research in Otolaryngology and the Hugh Knowles Prize for Distinguished Achievement from Northwestern University. In 2010 he gave the Distinguished Heyser memorial Lecture to the Audio Engineering Society. He is wine steward of Wolfson College, Cambridge.