



Auditory Neuroscience: Making Sense of Sound (Paperback)

By Jan Schnupp, Israel Nelken, Andrew King

MIT Press Ltd, United States, 2012. Paperback. Condition: New. Language: English . Brand New Book. An integrated overview of hearing and the interplay of physical, biological, and psychological processes underlying it. Every time we listen -- to speech, to music, to footsteps approaching or retreating -- our auditory perception is the result of a long chain of diverse and intricate processes that unfold within the source of the sound itself, in the air, in our ears, and, most of all, in our brains. Hearing is an everyday miracle that, despite its staggering complexity, seems effortless. This book offers an integrated account of hearing in terms of the neural processes that take place in different parts of the auditory system. Because hearing results from the interplay of so many physical, biological, and psychological processes, the book pulls together the different aspects of hearing -- including acoustics, the mathematics of signal processing, the physiology of the ear and central auditory pathways, psychoacoustics, speech, and music -- into a coherent whole.



READ ONLINE
[8.27 MB]

Reviews

It is not difficult in go through easier to understand. It normally fails to price too much. I am very happy to inform you that this is actually the greatest ebook i actually have read through within my personal lifestyle and can be he best publication for ever.

-- **Miss Ebony Brakus IV**

This book is very gripping and fascinating. Of course, it can be perform, nevertheless an amazing and interesting literature. I am just pleased to explain how this is basically the finest publication i have go through within my very own lifestyle and might be he best pdf for possibly.

-- **Prof. Beulah Stark**