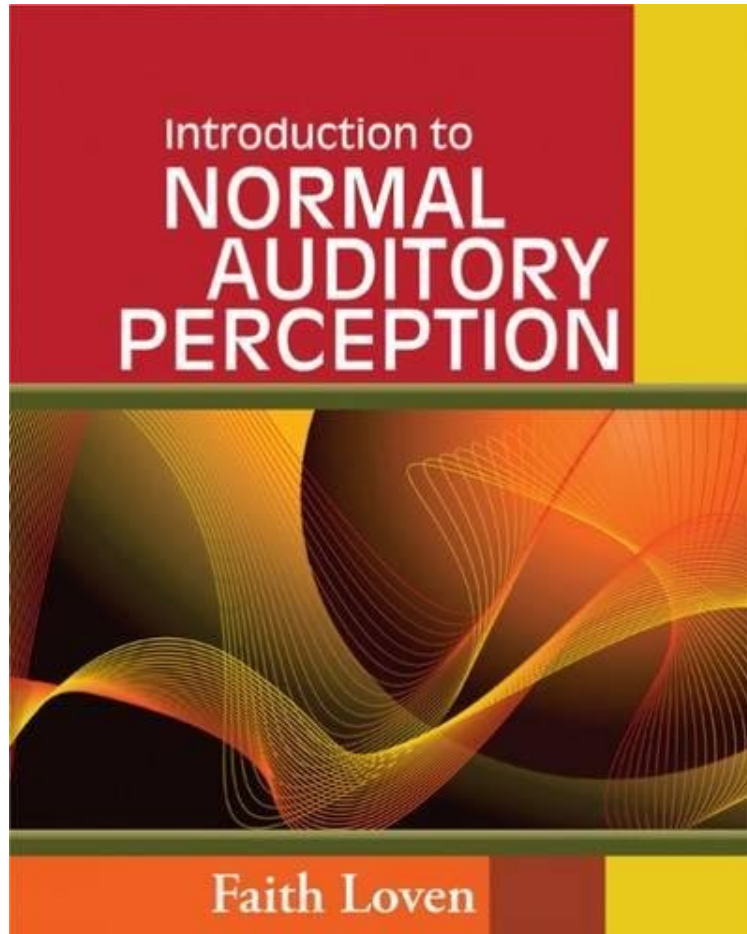


Introduction to Normal Auditory Perception

Faith Loven

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Faith Loven : Introduction to Normal Auditory Perception before purchasing it in order to gage whether or not it would be worth my time, and all praised Introduction to Normal Auditory Perception:

0 of 0 people found the following review helpful. Greatly disliked!By Shauna L. PuckettHard to understand and full of errors, as pointed out by my professors. If you just need to learn the basics this book is overkill.0 of 0 people found the following review helpful. Well written, easy readBy KAvery easy read for what could be a very complicated topic. I recommend this book for anyone struggling with this topic.0 of 1 people found the following review helpful. BookBy SarahI hated this book with a passion. It was required for a class I was taking, but it was so boring. Some of the chapters were short, which was awesome, but there are quite a few errors, especially in the graphs, which makes it difficult to learn since you're being given incorrect information.

Taking a classical approach to psychoacoustics, Introduction to Normal Auditory Perception guides students toward a basic understanding of hearing science and theory. The book explores the germinal research published in the field of

auditory perception and then clearly interprets the findings which have formed the foundations of modern auditory theory. Complex theories are broken down for easy comprehension. Starting with the basic principles of acoustics, the text moves through seminal experiments in psychoacoustics regarding the role of stimulus intensity, frequency, and duration on fundamental auditory perceptions. Basic principles of binaural listening are also covered.

Section One Acoustics Chapter 1: Simple Harmonic Motion, Sine Waves, and Pure Tones Chapter 2: Sound Transmission and Sound Waves Chapter 3: Sound Measurement and the Decibel Scale Section Two Intensity Chapter 4: Auditory Sensitivity Chapter 5: Loudness Chapter 6: Intensity Discrimination Section Three Frequency Chapter 7: Masking Chapter 8: Frequency Selectivity and the Critical Band Chapter 9: Frequency Discrimination Chapter 10: Pitch Perception Section Four Duration Chapter 11: Stimulus Duration and its Role in Audibility, Loudness, And Discrimination Chapter 12: Auditory Fatigue and Adaptation Chapter 13: Introduction to Binaural Hearing