



## Speech and Voice Science (Mixed media product)

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By Alison Behrman

Plural Publishing Inc, United States, 2012. Mixed media product. Book Condition: New. 2nd Revised edition. 278 x 216 mm. Language: English . Brand New Book. Speech and Voice Science, now in its second edition, is the definitive speech science and acoustics textbook for students and professionals. Heavily referenced and based on current research and knowledge, the text presents a comprehensive study of acoustics, anatomy and physiology, and biomechanics of all major subsystems of speech production - breathing, phonation, resonance, and articulation. After providing an introduction to the science of speech and voice production and creating a foundation of knowledge in basic concepts of acoustics and physics, the author gives extensive attention to the examination of imaging, kinematic, and acoustic instrumentation used in research and clinical settings. The author includes a generous number of spectrograms (vowels, consonants, and coarticulatory effects). Two key chapters on phonation present the most in-depth exploration of voice and laryngeal dynamics available in any existing text. The author fully integrates concepts of speech motor control and speech perception into relevant chapters on vowels and consonants. Historical and current theories of speech production and perception, and many of the issues central to research in these areas, are addressed thoroughly....



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