

Acoustic and auditory phonetics

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Abstrak

This volume provides an introduction to phonetics and speech science courses. The first chapters introduce basic acoustics, audition, digital signal processing, and the source filter theory of speech production, while the later chapters survey the major classes of speech sounds describing in detail their acoustic and auditory properties. Students in linguistic phonetics and speech science will find this a gentle, yet rigorous, introduction to some of the more technical aspects of computer speech analysis which are assumed in modern instrumental studies of speech, distinctive feature theory, and the acoustic characterization of speech pathology.

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