



## Elements of Acoustic Phonetics (Paperback)

By Peter Ladefoged

The University of Chicago Press, United States, 1995. Paperback. Condition: New. 2nd Revised edition. Language: English . Brand New Book. This revised and expanded edition of the classic Elements of Acoustic Phonetics provides a concise introduction to basic concepts of acoustics and digital speech processing that are important to linguists, phoneticians, and speech scientists. The second edition includes four new chapters that cover new experimental techniques in acoustic phonetics made possible by the use of computers. Assuming no background in physics or mathematics, Ladefoged explains concepts that must be understood in using modern laboratory techniques for acoustic analysis, including resonances of the vocal tract and the relation of formants to different cavities; digital speech processing and computer storage of sound waves; and Fourier analysis and Linear Predictive Coding, the equations used most frequently in the analysis of speech sounds. Incorporating recent developments in our knowledge of the nature of speech, Ladefoged also updates the original edition's discussion of the basic properties of sound waves; variations in loudness, pitch, and quality of speech sounds; wave analysis; and the hearing and production of speech.



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### Reviews

*It is fantastic and great. It is written in easy words and phrases instead of confusing. I am just delighted to explain how this is actually the best book I have got read through during my individual life and might be the finest publication for ever.*

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*The book is great and fantastic. Yes, it really is engaging, still an interesting and amazing literature. You won't feel monotony at any moment of your respective time (that's what catalogs are for regarding if you request me).*

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