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## **Readings in Acoustic Phonetics**

edited by Ree Lehiste

# Readings In Acoustic Phonetics

**Ilse Lehiste**



## Readings In Acoustic Phonetics:

**Acoustic Phonetics** D. B. Fry, 2009-04-02 D B Fry has edited a basic course of readings on the acoustics of speech The collection includes all the important classical papers in the field It is carefully structured to present the student with a coherent picture of the relations between language units and the corresponding sound waves and to explain the laws that govern these relations He includes extracts which explain the generation of sound waves by the speech mechanism the methods of acoustic analysis of speech and the operation of the sound spectrograph with excerpts from the first published accounts of the instrument The volume also illustrates the contribution to the general study of language made by research on speech perception There are accounts of speech synthesis and of experiments on rhythm intonation and the perception of acoustic cues

**Readings in Acoustic Phonetics** Ilse Lehiste, 1973 **Acoustic Phonetics** Dennis Butler Fry, 1979  
**Readings in Acoustic Phonetics** Ilse Lehiste, 1969 *Readings in Acoustic Phonetics. Edited by Ilse Lehiste. [With Illustrations.]* Ilse LEHISTE, 1967 Readings In Acoustic Phonetics I. Lehiste, **Readings in Acoustic Phonetics, Ed. by Ilse Lehiste** Ilse Lehiste, 1973 *Readings in Speech Recognition* Alexander Waibel, Kai-Fu Lee, 1990-05 Speech recognition by machine a review D R Reddy The value of speech recognition systems W A Lea Digital representations of speech signals R W Schafer and L R Rabiner Comparison of parametric representations for monosyllabic word recognition in continuously spoken sentences S B Davis and P Mermelstein Vector quantization R M Gray A joint synchrony mean rate model of auditory speech processing S Seneff Isolated and connected word recognition theory and selected applications L R Rabiner and S E Levinson Minimum prediction residual principle applied to speech recognition F Itakura Dynamic programming algorithm optimization for spoken word recognition S Hakoe and S Chiba Speaker independent recognition of isolated words using clustering techniques L R Rabiner and others Two level DP matching a dynamic programming based pattern matching algorithm for connected word recognition H Sakoe The use of a one stage dynamic pr **Instrumental Clinical Phonetics** Martin J. Ball, Chris Code, 2008-04-30 This book presents a collection of accounts by internationally renowned experts on current techniques in the instrumental investigation of speech and disorders of speech **Principles of Phonetics** John Laver, 1994-05-12 Comprehensive textbook on phonetics with examples from over 500 languages

Learning about Linguistics F.C. Stork, J.D.A. Widdowson, 2014-02-03 This book offers a workbook approach to linguistics and provides guidelines for the study of language It aims to give basic information and to indicate something of the background and development of the more important trends in the subject Each chapter includes exercises which lead the reader outwards from the information given in the text A list of suggested further reading and references follows each chapter so that each aspect of the subject may be followed up in greater depth if so desired The book will be of particular use to first year university students and to students in polytechnics technical colleges colleges of education and further education and the authors also hope to many sixth formers in secondary schools It will also be of interest to the general reader who

wishes to learn about linguistics      **Experimental Phonetics** Katrina Hayward, 2014-07-10 Traditionally investigations into speech and pronunciation have relied on the unaided skills of the phonetician in recognising and reproducing speech sounds But many practitioners are now using instruments to gain a greater understanding of speech and to be able to analyse speech patterns in situations when speaking and hearing would otherwise be inaccessible without the use of these instruments This new book looks at how this form of investigation has developed and considers the types of data that can be used and which questions can be solved using experimental phonetics      **Readings in Clinical Spectrography of Speech** Ronald J. Baken, Raymond Daniloff, 1991      The Oxford Handbook of Chinese Linguistics William S-Y Wang, Chaofen Sun, 2015-01-29 The Oxford Handbook of Chinese Linguistics offers a broad and comprehensive coverage of the entire field from a multi disciplinary perspective All chapters are contributed by leading scholars in their respective areas This Handbook contains eight sections history languages and dialects language contact morphology syntax phonetics and phonology socio cultural aspects and neuro psychological aspects It provides not only a diachronic view of how languages evolve but also a synchronic view of how languages in contact enrich each other by borrowing new words calquing loan translation and even developing new syntactic structures It also accompanies traditional linguistic studies of grammar and phonology with empirical evidence from psychology and neurocognitive sciences In addition to research on the Chinese language and its major dialect groups this handbook covers studies on sign languages and non Chinese languages such as the Austronesian languages spoken in Taiwan      **Psychology Library Editions: Psychology of Reading** Various Authors, 2021-03-01 The psychology of reading investigates the process by which readers extract visual information from written text and make sense of it Psychology Library Editions Psychology of Reading 11 Volumes brings together as one set or individual volumes a small series of previously out of print titles originally published between 1980 and 1995 The set includes topics such as dyslexia and the relationship between speech and reading      *Handbook of Vowels and Vowel Disorders* Karen Pollock, 2013-05-07 In the general study of speech and phonetics vowels have stood in second place to consonants But what vowels are how they differ from one another how they vary among speakers and how they are subject to disorder are questions that require a closer examination This Handbook presents a comprehensive cogent and up to date analysis of the vowel including its typical development in children s speech description by perceptual and instrumental methods cross linguistic and sociolinguistic aspects and disorders of its production and use It approaches the problems of vowel production and perception from the viewpoints of physiology physics psychology linguistics phonetics phonology and speech language pathology The chapters are logically complementary and the major sections of the book are like key dimensions of understanding each adding a perspective and base of knowledge on vowels The sum total of the chapters is a synthesis of information on vowels that has no precedent      **Psychology: From Research to Practice** H. Pick, 2012-12-06 This book grew out of discussion at the meetings of the Board of Scientific Affairs of the American Psychological Association

during the years 1972 through 1975 Members of the board felt that there was general misunderstanding by the public about the role of basic research in science The problem was thought to be particularly severe in the case of the behavioral sciences but it appeared to be a reflection of a more general anti intellectual attitude in the United States At the same time basic researchers had been admittedly underconcerned with the practical application of their results Yet many thoughtful scientists realize there is a very fruitful interplay between basic research and application The proposal was made to prepare a book of case studies that demonstrate the application of basic research in psychology The book was organized to sample applications from a range of topics in psychology The editorial board divided up responsibilities for these topics Herschel W Leibowitz focused on applications from experimental and engineering psychology and Jerome E Singer organized the section on applications to social problems Alfred Steinschneider took responsibility for the section on clinical applications of basic research in psychology and Harold W Stevenson organized the section on applications of basic research to developmental and educational problems

**The Oxford Handbook of Language Production** Matthew Andrew Goldrick, Victor S. Ferreira, Michele Miozzo, 2014 Featuring contributions from psycholinguists cognitive neuroscientists and linguists this book provides a comprehensive multidisciplinary review of the core aspects of human language processing

**The Pronunciation of English** Charles W. Kreidler, 2008-04-15 This revised second edition provides an introduction to the phonetics and phonology of English It incorporates all central aspects of research in the phonology of English and involves the reader at every step with over 80 exercises leading students to discover facts to formulate general statements and to apply concepts Discusses the nature of speech and phonetic description the principles of phonological analysis the consonants and vowels of English and their possible sequences Provides extensive treatment of rhythm stress and intonation and the role of these prosodic elements in discourse Includes more than 80 exercises with feedback and glossary of technical terms Incorporates developments in phonology since the first edition appeared

**Linguistics in Western Europe. Part 1** Einar Haugen, Werner Winter, 2019-05-20 No detailed description available for LINGUISTICS WEST EUROPE HAUGEN

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