

## Phonetic Data Analysis An Introduction To

*This volume brings together ten papers, all presented at the 8th International Conference on the Structure of Hungarian (New York City, 2007), addressing a wide range of topics in the morphology, phonetics, phonology, pragmatics, semantics, and syntax of Hungarian, with discussion of related facts in other languages as well. The volume includes an analysis of the morphophonology of the infinitival suffix in Optimality Theory, a plea for a phonetically-grounded theory of phonology based on partial neutralization of the "v/f" contrast, a Government Phonology account of vowel/zero alternations, a discussion of the recursive nature of speech prosody, a context-structure perspective on the pragmatics of polarity particles, a novel outlook on the prosody, semantics, and syntax of negative quantifiers, a structural approach to the difference between factive and non-factive complements and the distribution of the clausal expletive "azt," a pioneering study of the licensing and position of overt nominative subjects of infinitival complement clauses, a lexicalist perspective on the distribution of ablative cause-PPs in anti-causative constructions, and an analysis of the complicated morphosyntax of adpositional preverbs and their doubling in terms of partial chain reduction in a phase-based cyclic mapping of syntax to phonology. The volume will be of interest not just to scholars working on Hungarian, but to a general audience of generative linguists. The new edition of the leading textbook for English applied phonetics and phonology A leading textbook for English Phonetics and Phonology, the fourth edition of Applied English Phonology is an accessible, authoritative introduction to the English sound system. Providing clear explanations and numerous illustrative examples, this new edition has been fully updated with the latest research and references. Detailed discussions of fundamental concepts of applied English phonology cover phonetic elements, phonemics, English consonants and vowels, stress and intonation, structural factors in second language phonology, and much more. Designed for students and professionals in both theoretical and applied linguistics, education, and communication sciences and disorders, this textbook contains new material throughout, including a new chapter introducing typical phonological development, patterns of simplification, and disordered phonology. Expanded sections explore topics such as contracted forms, issues in consonant and vowel transcription conventions, and regional dialects of American English. The essential introduction to phonetics and phonology, this textbook: Presents new and revised exercises, references, and recommended readings Covers developmental disorders relevant to the field of speech pathology Includes end-of-chapter passages that help students check their phonetic transcriptions Features an enhanced companion website which contains instructor resources and sound files for transcription exercises Written by an internationally recognized scholar and educator, Applied English Phonology, Fourth Edition is essential reading for anyone in applied phonetics and phonology courses, as well as students and practitioners in areas of language and linguistics, TESOL, and communication sciences and disorders.*

*Linguistic Field Methods approaches the elicitation of linguistic data from native speaker informants in a novel and engaging manner. The authors follow introductory chapters surveying the general enterprise of field research with chapters exploring methods of eliciting data in eight major areas of current linguistic interest: phonetics, phonology, morphology, syntax, semantics, pragmatics, sociolinguistics and dialectology, and historical linguistics.*

*English Pronunciation for Speakers of Spanish fills a gaping hole in the market for books on English phonetics and pronunciation because it not only combines theoretical issues and applications to practice, but it also adopts a contrastive English-Spanish approach to better suit the needs of Spanish-speaking learners of English (SSLE), enabling them to build gradually on the knowledge gained in each chapter. The book covers the key concepts of English phonetics and phonology in seven chapters written in an accessible and engaging style: 1. Phonetics and Phonology 2. The Production and Classification of Speech Sounds 3. Vowels and Glides 4. Consonants 5. Segment Dynamics: Aspects of Connected Speech 6. Beyond the Segment: Stress and Intonation 7. Predicting Pronunciation from Spelling (and vice versa) Features: in-text audio illustrations, as well as over a hundred written and audio exercises with corresponding keys and different kinds of artwork (Tables, Figures, illustrations, spectrograms, etc.) classic readings in the discipline in the Further Reading section of each chapter highlights the phonetic contrasts and specific cues that are more important to aid comprehension in English and offers guidelines on "correct" pronunciation habits to help SSLE sound as close as possible to native English The book's companion website, EPSS Multimedia Lab, can be used on computers, smartphones and tablets, and is useful for the self-taught student and the busy lecturer alike. Features of the website: a complete sound bank defining and illustrating the sounds of English RP as compared with those of Peninsular Spanish written definitions and animated diagrams, videos and original recordings (by native speakers of English and Spanish) showing the articulation of each sound, alongside its most common spellings, as well as pronunciation practice for individual words and whole sentences a comprehensive selection of over a hundred written and audio exercises (with their keys) for practice both at home or in the language lab audio files corresponding to the audio illustrations given in the written book a repository of useful resources by topics and a list of online glossaries and pronunciation dictionaries*

*This revised and expanded edition of a classic textbook 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. Like its predecessor, this edition of Elements of Acoustic Phonetics will serve as an invaluable textbook and reference for students and practitioners of linguistics and speech science, and for anyone who wants to understand the physics of speech.*

*Language Science and Language technology in Africa*

*Research Methods in Clinical Linguistics and Phonetics*

*Festschrift for Justus C. Roux*

*A Phonetic and Phonological Account of the Civili Vowel Duration*

*An Introduction to Fieldwork and Instrumental Techniques*

Over the last two decades, focus has become a prominent topic in major fields in linguistic research (syntax, semantics, phonology). Focus Strategies in African Languages contributes to the ongoing discussion of focus by investigating focus-related phenomena in a range of African languages, most of which have been under-represented in the theoretical literature on focus. The articles in the volume look at focus strategies in Niger-Congo and Afro-Asiatic languages from several theoretical and methodological perspectives, ranging from detailed generative analysis to careful typological generalization across languages. Their common aim is to deepen our understanding of whether and how the information-structural category of focus is represented and marked in natural language. Topics investigated are, among others, the relation of focus and prosody, the effects of information structure on word order, ex situ versus in situ strategies of focus marking, the inventory of focus marking devices, focus and related constructions, focus-sensitive particles. The present inquiry into the focus systems of African languages has repercussions on existing theories of focus. It reveals new focus strategies as well as fine-tuned focus distinctions that are not discussed in the theoretical literature, which is almost exclusively based on well-documented intonation languages.

The Bloomsbury Companion To Phonetics is designed to be the essential one-volume resource for advanced students and academics. It offers a comprehensive reference resource, giving an overview of key topics and key terms in phonetics. It offers a survey of current research areas and new directions in the field as well as featuring a manageable guide to beginning or developing research. The book gives readers practical guidance for advanced study in the area. The volume covers all the most important issues, concepts, movements and approaches in the field, looking at both the core and applied domains of phonetics and speech science. It offers insights into areas as diverse as the acquisition, production and perception of speech, and clinical and forensic phonetics. There is a state of the art exploration of voice and phonation, tone and intonation, phonetic pedagogy, speech technology and phonetic universals.

The only volume to offer hands-on information about the wide range of research philosophies, methods and tools used across linguistics, phonetics, and speech science, as applied to disordered speech and language. • Covers core topics for students undertaking their own research, including experimental and qualitative methods, sociolinguistics, corpus construction and analysis, data recording, transcription and digital analysis of speech, and speech imaging. • Considers the research ethics associated with working with people who have speech, language or other communication difficulties. • Includes a detailed discussion of the dissemination of research results, and advice on the writing of theses and dissertations, and on the writing and publishing of journal articles, as well the peer review process. • Offers students and researchers from a variety of entry points – such as linguistics, education, psychology, and speech pathology – an introduction to the scope of research in clinical linguistics and phonetics, and a practical guide to this interdisciplinary field

Phonetic Data Analysis examines the procedures involved in describing the sounds of a language and illustrates the basic techniques of experimental phonetics, most of them requiring little more than a tape recorder, a video camera, and a computer. Examines the procedures involved in describing the sounds of a language and illustrates the basic techniques of experimental phonetics. Written by Peter Ladefoged, one of the world’s leading phoneticians. Enables readers to work with a speaker in class or go out into the field and make their own discoveries about how the sounds of a language are made. Provides full descriptions of techniques that are readily available and do not require the resources of a major phonetics laboratory. Includes enlightening comments throughout about Ladefoged’s own fieldwork experiences.

Phonetics - the study and classification of speech sounds - is a major sub-discipline of linguistics. Bringing together a team of internationally renowned phoneticians, this handbook provides comprehensive coverage of the most recent, cutting-edge work in the field, and focuses on the most widely-debated contemporary issues. Chapters are divided into five thematic areas: segmental production, prosodic production, measuring speech, audition and perception, and applications of phonetics. Each chapter presents an historical overview of the area, along with critical issues, current research and advice on the best practice for teaching phonetics to undergraduates. It brings together global perspectives, and includes examples from a wide range of languages, allowing readers to extend their knowledge beyond English. By providing both state-of-the-art research information, and an appreciation of how it can be shared with students, this handbook is essential both for academic phoneticians, and anyone with an interest in this exciting, rapidly developing field.

Interdisciplinary Perspectives on Conditions, Mechanisms, and Domains for Phonetic Variation

Research Methods in Linguistics

The Interaction of Focus and Grammar in Niger-Congo and Afro-Asiatic

Statistics for Linguists: An Introduction Using R

English Pronunciation for Speakers of Spanish

Papers from the 2007 New York Conference

*Providing a broad overview and packed with examples, A COURSE IN PHONETICS, 7e remains the ideal introduction to phonetics-no previous knowledge required! With its reader-friendly writing style, the book introduces concepts of speech production, describes speech in acoustic terms, and teaches practical phonetic skills, including IPA transcription. In addition, expanded sections on acoustic phonetics and speech motor control help readers use tools for digital inspection and manipulation of speech. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.*

*The Routledge Handbook of Phonetics provides a comprehensive and up-to-date compilation of research, history and techniques in phonetics. With contributions from 41 prominent authors from North America, Europe, Australia and Japan, and including over 130 figures to illustrate key points, this handbook covers all the most important areas in the field, including: • the history and scope of techniques used, including speech synthesis, vocal tract imaging techniques, and obtaining information on under-researched languages from language archives; • the physiological bases of speech and hearing, including auditory, articulatory, and neural explanations of hearing, speech, and language processes; • theories and models of speech perception and production related to the processing of consonants, vowels, prosody, tone, and intonation; • linguistic phonetics, with discussions of the phonetics-phonology interface, sound change, second language acquisition, sociophonetics, and second language teaching research; • applications and extensions, including phonetics and gender, clinical phonetics, and forensic phonetics. The Routledge Handbook of Phonetics will be indispensable reading for students and practitioners in the fields of speech, language, linguistics and hearing sciences.*

*Phonetically reduced forms are plentiful, theoretically interesting, and a key challenge for automatic speech recognition systems. Yet canonical forms are still central to models of production and perception. Drawing from different fields and diverse languages, this volume brings new insights to the debate on abstractions and canonical forms in linguistics: their psychological reality, descriptive adequacy, and technical implementability.*

*This handbook is structured in two parts: it provides, on the one hand, a comprehensive (synchronic) overview of the phonetics and phonology (including prosody) of a breadth of Romance languages and focuses, on the other hand, on central topics of research in Romance segmental and suprasegmental phonology, including comparative and diachronic perspectives. Phonetics and phonology have always been a core discipline in Romance linguistics: the wide synchronic variety of languages and dialects derived from spoken Latin is extensively explored in numerous corpus and atlas projects, and for quite a few of these varieties there is also more or less ample documentation of at least some of their diachronic stages. This rich empirical database offers excellent testing grounds for different theoretical approaches and allows for substantial insights into phonological structuring as well as into (incipient, ongoing, or concluded) processes of phonological change. The volume can be read both as a state-of-the-art report of research in the field and as a manual of Romance languages with special emphasis on the key topics of phonetics and phonology.*

*This popular and accessible introduction to phonetics has been fully updated for its third edition, and now includes an accompanying website with sound files, and expanded coverage of topics such as speech technology. Describes how languages use a variety of different sounds, many of them quite unlike any that occur in well-known languages Written by the late Peter Ladefoged, one of the world's leading phoneticians, with updates by renowned forensic linguist, Sandra Ferrari Disner Includes numerous revisions to the discussion of speech technology and additional updates throughout the book Explores the acoustic, articulatory, and perceptual components of speech, demonstrates speech synthesis, and explains how speech recognition systems work Supported by an accompanying website at www.vowelsandconsonants3e.com featuring additional data and recordings of the sounds of a wide variety of languages, to reinforce learning and bring the descriptions to life*

*Coproduction and Coarticulation in IsiZulu Clicks*

*The Cambridge Handbook of Phonetics*

*From research to practice*

*From Theory to Practice*

*Documentary and Theoretical Approaches*

*Rethinking Reduction*

Click Consonants is an indispensable volume for those who want to explore cutting-edge research on the linguistics of this remarkable yet oft-overlooked class of consonants.

This text illustrates an approach to prosodic typology through descriptions of the intonation and the prosodic structure of 13 typologically different languages based on the same theoretical framework and the transcription system of prosody known as Tones and Break Indices (ToBI).

This book provides a broad overview of current work on South African languages, language resources and language technologies. While it provides a fairly comprehensive overview, it also ties together the most recent knowledge state here, and is therefore truly innovative? The book is therefore informed by current international trends in the respective fields of science, and feeds back into them? There is absolutely no doubt that the book has an academic peer audience and is directed at specialists in the field. - Prof. Axel Fleisch, University of Helsinki, Finland

An accessible introduction to the phonetic analysis of speech corpora, this workbook-style text provides an extensive set of exercises to help readers develop the necessary skills to design and carry out experiments in speech research. Offers the first step-by-step treatment of advanced techniques in experimental phonetics using speech corpora and downloadable software, including the R programming language Introduces methods of analyzing phonetically-labelled speech corpora, with the goal of testing hypotheses that often arise in experimental phonetics and laboratory phonology Incorporates an extensive set of exercises and answers to reinforce the techniques introduced Accessibly written with easy-to-follow computer commands and spectrograms of speech Companion website at www.wiley.com/go/harrington, which includes illustrations, video tutorials, appendices, and downloadable speech corpora for testing purposes. Discusses techniques in digital speech processing and in structuring and querying annotations from speech corpora Includes substantial coverage of analysis, including measuring gestural synchronization using EMA, the acoustics of vowels, consonant overlap using EPG, spectral analysis of fricatives and obstruents, and the probabilistic classification of acoustic speech data

The first edition of ELL (1993, Ron Asher, Editor) was hailed as "the field's standard reference work for a generation". Now the all-new second edition matches ELL's comprehensiveness and high quality, expanded for a new generation, while being the first encyclopedia to really exploit the multimedia potential of linguistics. \* The most authoritative, up-to-date, comprehensive, and international reference source in its field \* An entirely new work, with new editors, new authors, new topics and newly commissioned articles with a handful of classic articles \* The first Encyclopedia to exploit the multimedia potential of linguistics through the online edition \* Ground-breaking and International in scope and approach \* Alphabetically arranged with extensive cross-referencing \* Available in print and online, priced separately. The online version will include updates as subjects develop ELL2 includes: \* c. 7,500,000 words \* c. 11,000 pages \* c. 3,000 articles \* c. 1,500 figures: 130 halftones and 150 colour \* Supplementary audio, video and text files online \* c. 3,500 glossary definitions \* c. 39,000 references \* Extensive list of commonly used abbreviations \* List of languages of the world (including information on no. of speakers, language family, etc.) \* Approximately 700 biographical entries (now includes contemporary linguists) \* 200 language maps in print and online Also available online via ScienceDirect

featuring extensive browsing, searching, and internal cross-referencing between articles in the work, plus dynamic linking to journal articles and abstract databases, making navigation flexible and easy. For more information, pricing options and availability visit www.info.sciencedirect.com. The first Encyclopedia to exploit the multimedia potential of linguistics Ground-breaking in scope - wider than any predecessor An invaluable resource for researchers, academics,

students and professionals in the fields of: linguistics, anthropology, education, psychology, language acquisition, language pathology, cognitive science, sociology, the law, the media, medicine & computer science. The most authoritative, up-to-date, comprehensive, and international reference source in its field

Investigating the interplay between morphology, phonology and phonetics

The Real Professor(s) Higgins

Phonetic Data Analysis

Focus on Intelligibility

Introduction to English Phonetics

Manual of Clinical Phonetics

Understanding Linguistic Fieldwork offers a diverse and practical introduction to research methods used in field linguistics. Designed to teach students how to collect quality linguistic data in an ethical and responsible manner, the key features include: A focus on fieldwork in countries and continents that have undergone colonial expansion

South America and Africa; A description of specialist methods used to conduct research on phonological, grammatical and lexical description, but also including methods for research on gesture and sign, language acquisition, language contact and the verbal arts; Examples of resources that have resulted from collaborations with language c and support language revitalisation work; Annotated guidance on sources for further reading. This book is essential reading for students studying modules relating to linguistic fieldwork or those looking to embark upon field research.

Pragmatics of society takes a socio-cultural perspective on pragmatics and gives a broad view of how social and cultural factors influence language use. The volume covers a wide range of topics within the field of sociopragmatics. This subfield of pragmatics encompasses sociolinguistic studies that focus on how pragmatic and discourse age, gender, class and region (variational pragmatics), and discourse/conversation analytical studies investigating variation according to the activity engaged in by the participants and the identities displayed as relevant in interaction. The volume also covers studies in linguistic pragmatics with a more general socio-cultural focus, including discourse analysis and linguistic anthropology. Each article presents the state-of-the-art of the topic at hand, as well as new research.

Exploring English Phonetics is conceived as a meeting point of the diverse perspectives, approaches and interests of scholars working in the field of English Phonetics worldwide. The focus of the volume is on the topics in the domain of language varieties, mutual language influences, and also on issues pertaining to the research, study, and Authors raise a number of novel, motivating and noteworthy questions, relevant from the point of view of either phonetic research or phonetic training and EFL teaching. These questions cover a wide range of phonetic topics: the nature of vowels and consonants in several dominating varieties of English, the phenomena of connected speech phonetic research, problems encountered by speakers of other languages striving to acquire English pronunciation, and attitudes to different native and non-native varieties of English. Despite such a broad variety of topics, the volume offers a unifying approach to the study of speech and puts forward intriguing results gained by original research with the English spoken and learned by speakers of other languages, thus highlighting both the current status of English as the language of global communication, and the international orientation of this volume.

This is an experimental phonetic investigation into the vowel duration system of Civili, an indigenous language spoken in Gabon and some of its neighboring countries. Apart from providing insight into how mother-tongue speakers articulate and perceive certain vowels, it contributes significantly to the establishment of a credible orthographic fieldwork were analyzed acoustically to determine sound qualities, after which perception tests were administered to determine how listeners perceive vowel sounds in different environments. The findings are of significance for linguistic descriptions per se, as well as for eventual use in the field of human language technologies. This seven students of phonetics and phonology.

African Linguistics on the Prairie features select revised peer-reviewed papers from the 45th Annual Conference on African Linguistics, held at the University of Kansas. The articles in this volume reflect the enormous diversity of African languages, as they focus on languages from all of the major African language phyla. The articles here also work of linguists in the Association for Contemporary African Linguistics. The diversity of views presented in this volume are thus indicative of the vitality of current African linguistics research. The work presented in this volume represents both descriptive and theoretical methodologies and covers fields ranging from phonetics, phonology, discourse analysis, language acquisition, computational linguistics and beyond. This broad scope and the quality of the articles contained within holds out the promise of continued advancement in linguistic research on African languages.

Linguistic Field Methods

The Phonology of Intonation and Phrasing

Africa's Endangered Languages

The Routledge Handbook of Phonetics

Key Issues in the Teaching of Spanish Pronunciation

Vowels and Consonants

*Available online or as a five-volume print set, "The Blackwell Companion to Phonology" is a major reference work drawing together 124 new contributions from leading international scholars in the field. It will be indispensable to students and researchers in the field for years to come. Key Features: Full explorations of all the most important ideas and key developments in the field Documents major insights into human language gathered by phonologists in past decades; highlights interdisciplinary connections, such as the social and computational sciences; and examines statistical and experimental techniques Offers an overview of theoretical positions and ongoing debates within phonology at the beginning of the twenty-first century An extensive reference work based on the best and most recent scholarly research - ideal for advanced undergraduates through to faculty and researchers Publishing simultaneously in print and online; visit www.companiontophonology.com for full details Additional features of the online edition (ISBN: 978-1-4443-3526-2): Powerful searching, browsing, and cross-referencing capabilities, including Open URL linking, with all entries classified by key topic, subject, place, people, and period For those institutions already subscribing to "Blackwell Reference Online," it offers fully integrated and searchable content with the comprehensive "Handbooks in Linguistics" series*

*Pronunciation plays a crucial role in learning English as an international language, yet often remains marginalised by educators due to a lack of required phonetic and phonological knowledge. Pronunciation for English as an International Language bridges the gap between phonetics, phonology and pronunciation and provides the reader with a research based guide on how best to teach the English language. The book follows an easy to follow format which ensures the reader will have a comprehensive grasp of each given topic by the end of the chapter. Key ideas explored include:
• Articulation of English speech sounds and basic transcription
• Connected speech processes
• Current issues in English language pronunciation teaching
• Multimedia in English language pronunciation practice
• Using speech analysis to investigate pronunciation features Using the latest research, Pronunciation for English as an International Language will facilitate effective teaching and learning for any individual involved in teaching English as a second, foreign or international language.*

*Intelligibility is the ultimate goal of human communication. However, measuring it objectively remained elusive until the 1940s when physicist Harvey Fletcher pioneered a psychoacoustic methodology for doing so. Another physicist, von Bekesy, demonstrated clinically that Fletcher's theory of Critical Bands was anchored in anatomical and auditory reality. Fletcher's and Bekesy's approach to intelligibility has revolutionized contemporary understanding of the processes involved in encoding and decoding speech signals. Their insights are applied in this book to account for the intelligibility of the pronunciation of 67 non-native speakers from the following language backgrounds -10 Arabic, 10 Japanese, 10 Korean, 10 Mandarin, 11 Serbian and Croatian "the Slavic Group," 6 Somali, and 10 Spanish speakers who read the Speech Accent Archive elicitation paragraph. Their pronunciation is analyzed instrumentally and compared and contrasted with that of 10 native speakers of General American English (GAE) who read the same paragraph. The data-driven intelligibility analyses proposed in this book help answer the following questions: Can L2 speakers of English whose native language lacks a segment/segments or a suprasegment/ suprasegments manage to produce it/them intelligibly? If they cannot, what segments or suprasegments do they use to substitute for it/them? Do the compensatory strategies used interfere with intelligibility? The findings reported in this book are based on nearly 12,000 measured speech tokens produced by all the participants. This includes some 2,000 vowels, more than 500 stop consonants, over 3,000 fricatives, nearly 1,200 nasals, about 1,500 approximants, a over 1,200 syllables onsets, as many as 800 syllable codas, more than 1,600 measurement of F0/pitch, and duration measurements of no fewer than 539 disyllabic words. These measurements are in keeping with Baken and Orlikoff (2000:3) and in accordance with widely accepted Just Noticeable Difference thresholds, and relative functional load calculations provided by Catforda (1987).*

*This successful textbook introduces beginning university students of English to the study of English linguistics. Now updated and expanded, the second edition features a more detailed discussion of the differences between British and North American English, and explains the differences in the two traditions of phonetic transcription. The major difference between this book and its potential competitors lies in its hands-on didactic orientation, with a strong focus on linguistic analysis and argumentation. Language and linguistic theory are approached from a strictly empirical perspective: given a certain set of data to be accounted for, theoretical and methodological problems must be solved in order to analyze and understand the data properly.*

*The book is not written in the perspective of a particular theoretical framework and draws on insights from various research traditions. Introduction to English Linguistics concentrates on gaining expertise and analytical skills in the traditional core areas of linguistics, i.e. phonology, morphology, syntax, semantics and pragmatics. The final chapter on "Extensions and applications" widens the perspective to other areas of linguistic research, such as historical, socio- and psycholinguistics. Each chapter is accompanied by exercises and suggestions for further reading. A glossary and an index facilitate access to terms and topics.*

*Statistics for Linguists: An Introduction Using R is the first statistics textbook on linear models for linguistics. The book covers simple uses of linear models through generalized models to more advanced approaches, maintaining its focus on conceptual issues and avoiding excessive mathematical details. It contains many applied examples using the R statistical programming environment. Written in an accessible tone and style, this text is the ideal main resource for graduate and advanced undergraduate students of Linguistics statistics courses as well as those in other fields, including Psychology, Cognitive Science, and Data Science.*

**Focus Strategies in African Languages**

**African linguistics on the prairie**

**Relevant Acoustic Phonetics of L2 English**

**Pronunciation for English as an International Language**

**A Course in Phonetics**

**A Practical Guide**

*Offers a wide-ranging overview of the issues and research approaches in the diverse field of applied linguistics Applied linguistics is an interdisciplinary field that identifies, examines, and seeks solutions to real-life language-related issues. Such issues often occur in situations of language contact and technological innovation, where language problems can range from explaining misunderstandings in face-to-face oral conversation to designing automated speech recognition systems for business. The Concise Encyclopedia of Applied Linguistics includes entries on the fundamentals of the discipline, introducing readers to the concepts, research, and methods used by applied linguists working in the field. This succinct, reader-friendly volume offers a collection of entries on a range of language problems and the analytic approaches used to address them. This abridged reference work has been compiled from the most-accessed entries from The Encyclopedia of Applied Linguistics (www.encyclopediaofappliedlinguistics.com), the more extensive volume which is available in print and digital format in 1000 libraries spanning 50 countries worldwide. Alphabetically-organized and updated entries help readers gain an understanding of the essentials of the field with entries on topics such as multilingualism, language policy and planning, language assessment and testing, translation and interpreting, and many others. Accessible for readers who are new to applied linguistics, The Concise Encyclopedia of Applied Linguistics: Includes entries written by experts in a broad range of areas within applied linguistics Explains the theory and research approaches used in the field for analysis of language, language use, and contexts of language use Demonstrates the connections among theory, research, and practice in the study of language issues Provides a perfect starting point for pursuing essential topics in applied linguistics Designed to offer readers an introduction to the range of topics and approaches within the field, The Concise Encyclopedia of Applied Linguistics is ideal for new students of applied linguistics and for researchers in the field.*

*Key Issues in the Teaching of Spanish Pronunciation: From Description to Pedagogy is a resource that encourages Spanish teachers and curriculum designers to increase their incorporation of pronunciation into the classroom. Combining theory and practical guidance, it will help language practitioners integrate the teaching of Spanish pronunciation with confidence and effectiveness. The international group of scholars across its 15 chapters is made up of individuals with well-established research records and training in best pedagogical practices. Key features: A range of topics including vowels, various classes of consonants, prosody, the use of technology, the role of orthography, the importance of both perception and production, individual learner differences, and teacher training; Overviews of descriptive, empirical, and acquisition-based research associated with each aspect of the Spanish sound system; Guidance on the difficulties that teachers face when incorporating the teaching of pronunciation into the classroom; Clear explanations of concepts, accompanied by an abundance of concrete examples and references; Multiple sample activities and lesson plans tailored to different levels and backgrounds of students; A bilingual glossary of terms to help the content reach the widest audience possible. Written in a clear and accessible manner, Key Issues in the Teaching of Spanish Pronunciation is an essential resource for teachers of Spanish at all levels. It is also an excellent reference book for researchers and both undergraduate and graduate university students interested in Spanish phonetics and language acquisition.*

*The present book offers a brief historical overview of the main scholars, hence the real Professors Higgins[1], who played an important role in the development and study of the pronunciation of the English language. The aim of the book is not to give a comprehensive account of the subject, but rather to stimulate and help students of English linguistics deepen their knowledge by reading about the life and thought of some of the greatest thinkers in the field. In particular, the main idea of the work is that it may serve as a stimulus for students to learn something about the actual human beings who are behind the topics they have to study when attending a course of English Phonetics and Phonology at university; especially considering that these are the people who determined, although unconsciously, such topics. For this reason, the selection of scholars illustrated here was slightly constrained by the content of the university program, which means that some important linguists and also some thoughts and works of those included were left out. In terms of content, this work is divided into four main parts: the first Section, Professor Henry Higgins, briefly introduces the character whose name inspired the title of the present book, namely, the famous Professor of Phonetics who was created by the Irish playwright George Bernard Shaw for his Pygmalion (1912), who also inspired the movies Pygmalion (1938) and My Fair Lady (1964), inter alia[2]. The second and third Sections, instead, illustrate some of the most important real (i.e. not fictional) scholars who, like the fictional Mr. Higgins, were interested in the sounds of the English language and largely contributed to the development of the discipline. More specifically, the second Section, The Pioneers, after offering a brief and more general introduction to the origins of the study of language sounds, focuses on the pioneers of the field, whereas the third, XXI Century Scholars, concentrates on two important linguists who played an important role in our century. Finally, the fourth Section, Playing Mr. Higgins, has been conceived as an opportunity for students to learn how to analyze sounds, as Mr. Higgins did, through modern software programs used in acoustic phonetics such as Praat, which Mr. Higgins did not have. Indeed, despite the fact that the book cannot be exhaustive in the least, it is envisaged that within this limit it could, however, give those few students who might become passionate about the topic a good reason for continuing to explore it further, or to become the new real professor Higgins of the future.*

*From the Introduction*

*Arabic is one of the world's largest languages, spoken natively by nearly 300 million people. By strength of numbers alone Arabic is one of our most important languages, studied by scholars across many different academic fields and cultural settings. It is, however, a complex language rooted in its own tradition of scholarship, constituted of varieties each imbued with unique cultural values and characteristic linguistic properties. Understanding its linguistics holistically is therefore a challenge. The Oxford Handbook of Arabic Linguistics is a comprehensive, one-volume guide that deals with all major research domains which have been developed within Arabic linguistics. Chapters are written by leading experts in the field, who both present state-of-the-art overviews and develop their own critical perspectives. The Handbook begins with Arabic in its Semitic setting and ends with the modern dialects; it ranges across the traditional - the classical Arabic grammatical and lexicographical traditions--to the contemporary--Arabic sociolinguistics, Creole varieties and codeswitching, psycholinguistics, and Arabic as a second language - while situating Arabic within current phonetic, phonological, morphological, syntactic and lexicological theory. An essential reference work for anyone working within Arabic linguistics, the book brings together different approaches and scholarly traditions, and provides analysis of current trends and directions for future research.*

*A comprehensive guide to conducting research projects in linguistics, this book provides a complete training in state-of-the-art data collection, processing, and analysis techniques. The book follows the structure of a research project, guiding the reader through the steps involved in collecting and processing data, and providing a solid foundation for linguistic analysis. All major research methods are covered, each by a leading expert. Rather than focusing on narrow specializations, the text fosters interdisciplinarity, with many chapters focusing on shared methods such as sampling, experimental design, transcription and constructing an argument. Highly practical, the book offers helpful tips on how and where to get started, depending on the nature of the research question. The only book that covers the full range of methods used across the field, this student-friendly text is also a helpful reference source for the more experienced researcher and current practitioner.*

*Bloomsbury Companion to Phonetics*

*Elements of Acoustic Phonetics*

*From Description to Pedagogy*

*Prosodic Typology II*

*Gemination and degemination in English affixation*

*Encyclopedia of Language and Linguistics*

Based on the author's Ph.D. dissertation.

In English, phonological double consonants only occur across morphological boundaries, for example, in affixation (e.g. in unnatural, innumerable). There are two possibilities for the phonetic realization of these morphological geminates: Either the phonological double is realized with a longer duration than a phonological singleton (gemination), or it is of the same duration as a singleton consonant (degemination). The present book provides the first large-scale empirical study on the gemination with the five English affixes un-, locative in-, negative in-, dis- and -ly. Using corpus and experimental data, the predictions of various approaches to the morpho-phonological and the morpho-phonetic interface are tested. By finding out which approach can account best for the gemination pattern of English affixed words, important implications about the interplay between morphology, phonology and phonetics are drawn.

The second edition of this distinguished textbook introduces undergraduates to the concepts, terminology and representations needed for an understanding of how English is pronounced around the world. Assuming no prior knowledge, this textbook guides the reader through the vocal tract and explains how the sounds of speech are made, offering an accessible and expanded introduction to areas including transcription, vowels and acoustic analysis. As far as possible, it uses naturally-occurring conversational speech so that readers are familiar with the details of everyday talk (and not just the careful pronunciations presented in dictionaries.) The book also includes a new concluding chapter that works through a piece of spoken data to show the reader how a more complete phon analysis can be conducted. Examples are taken from around the English-speaking world, including North America, Australia, New Zealand and varieties of British English. The book takes an open-minded approach to what sounds of English might be significant for making meaning, and highlights the significance of word meaning, morphology, sociolinguistics and conversational interaction in phonetic analysis.

This comprehensive collection equips readers with a state-of-the-art description of clinical phonetics and a practical guide on how to employ phonetic techniques in disordered speech analysis. Divided into four sections, the manual covers the foundations of phonetics, sociophonetic variation and its clinical application, clinical phonetic transcription, and instrumental approaches to the description of disordered speech. The book offers in-depth analysis of the instrumentation used in articulatory, auditory, perceptual, and acoustic phonetics and provides clear instruction on how to use the equipment for each technique as well as a critical discussion of how these techniques have been used in studies of speech disorders. With fascinating topics such as multilingual sources of phonetic variation, principles of phonetic transcription, speech recognition and synthesis, and statistical analysis of phonetic data, this is the essential companion for students and professionals of phonetics, phonology, language acquisition, clinical linguistics, and communication sciences and disorders.

Relatively little is known about Africa's endangered languages. Unlike indigenous languages in Australia, North Asia, and the Americas, which are predominantly threatened by colonizers, African languages are threatened most immediately by other local languages. As a result, the threat of language extinction is perceived as lower in Africa than in other parts of the globe, and a disproportionate amount of research is devoted to the study of endangered African languages when compared to any other linguistically threatened region in the world. There are approximately 308 highly endangered languages spoken in Africa (roughly 12% of all African languages) and at least 201 extinct African languages. This volume hopes to illuminate and challenge this trend. Chapters offer both documented and theoretical perspectives, emphasizing the symbiotic relationship between the two approaches and its implications for the preservation of endangered languages, both in the African context and more broadly. Documentary-oriented chapters deal with key issues in African language documentation including language preservation and revitalization, community activism, and data collection and dissemination methodologies, among others. Theoretically-oriented chapters provide detailed descriptions and analyses of phonetic, phonological, morphological, syntactic, and semantic phenomena, and connect these to current theoretical issues and debates. Africa's Endangered Languages provides thorough coverage of a continent's neglected languages that will spur linguists and Africanists

alike to work to protect them.  
Exploring English Phonetics  
Understanding Linguistic Fieldwork  
Click Consonants  
The Oxford Handbook of Arabic Linguistics  
Selected papers from the 45th Annual Conference on African Linguistics  
The Blackwell Companion to Phonology, 5 Volume Set  
**Phonetic Data Analysis An Introduction to Fieldwork and Instrumental Techniques**Wiley-Blackwell  
**Manual of Romance Phonetics and Phonology**  
**Applied English Phonology**  
**Phonetic Analysis of Speech Corpora**  
**Pragmatics of Society**  
**The Concise Encyclopedia of Applied Linguistics**  
**Introduction to English Linguistics**