New Series
Prosody, Phonology and Phonetics

Series editor: D. Hirst, Q. Ma, H. Ding

The series will publish studies in the general area of Speech Prosody with a particular (but non-exclusive) focus on the importance of phonetics and phonology in this field. The topic of speech prosody is today a far larger area of research than is often realised. The number of papers on the topic presented at large international conferences such as Interspeech and ICPhS is considerable and regularly increasing. The proposed book series would be the natural place to publish extended versions of papers presented at the Speech Prosody Conferences, in particular the papers presented in Special Sessions at the conference. This could potentially involve the publication of 3 or 4 volumes every two years ensuring a stable future for the book series. If such publications are produced fairly rapidly, they will in turn provide a strong incentive for the organisation of other special sessions at future Speech Prosody conferences.

D. Hirst, CNRS Laboratoire Parole et Langage, Aix-en-Provence, France

Speech Prosody: from Acoustics to Interpretation

This book presents the author’s personal overview of Speech Prosody, and in particular the different areas in which he has been especially interested over the last few decades. These include the acoustics of speech prosody, the relationship between lexical and non-lexical prosody, the phonology of prosody, the modeling of rhythm and of melody, and the central question of the various and at times quite mysterious ways in which prosody contributes to the interpretation of an utterance. All these aspects are then brought together in an account of the description of intonation systems, and how these differ across languages.

Features
- Broad coverage of the whole field “from acoustics to interpretation”
- Combination of linguistic and speech technology approaches
- Hands-on approach with detailed descriptions of how to analyze prosody
- Detailed descriptions of software for automatic analysis
- Hands-on approach with detailed descriptions of how to analyze prosody
- Detailed descriptions of software for automatic analysis

Contents

Fields of interest
Phonology; Semantics; Signal, Image and Speech Processing

Target groups
Research

Product category
Monograph

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Formal Approaches to Semantics and Pragmatics
Japanese and Beyond

Contents

Fields of interest
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Target groups
Research

Product category
Contributed volume

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Features

► Original contributions by a stellar group of authors including Noam Chomsky
► Perspectives on the core property of human language from computer science, philosophy, psycholinguistics, evolutionary biology, semantics and syntax
► Empirical evidence applied to language variation, experimentation, and parsing models

Contents


Fields of interest
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Research

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