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Early perception of prosody in atypical language acquisition



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Prosody And Grammar In Speech Perception

Simon Roessig



Prosody And Grammar In Speech Perception:

Prosody and Grammar in Speech Perception Stig-Göran Svensson,1974 **Understanding Prosody** Oliver Niebuhr,2012-12-06 The volume represents a state of the art snapshot of the research on prosody for phoneticians linguists and speech technologists It covers well known models and languages How are prosodies linked to speech sounds What are the relations between prosody and grammar What does speech perception tell us about prosody particularly about the constituting elements of intonation and rhythm The papers of the volume address questions like these with a special focus on how the notion of context based coding the knowledge of prosodic functions and the communicative embedding of prosodic elements can advance our understanding of prosody **Proceedings of the Speech Prosody 2008 Conference** ,

Prosodic Phonology Marina Nespov,Irene Vogel,2012-03-12 Prosodic Phonology by Marina Nespov and Irene Vogel is now available again Nespov Vogel 1986 is a citation classic even after twenty years it is still recognized as the standard resource on Prosodic Phonology This groundbreaking work introduces all of the prosodic constituents syllable foot word clitic group phonological phrase intonational phrase and utterance and provides evidence for each one from numerous languages Prosodic Phonology also includes a chapter in which experimental psycholinguistic data support the proposed hierarchy A perceptual study provides evidence that prosodic constituent structure not syntactic constituent structure predicts whether listeners are able to disambiguate different types of ambiguous sentences A chapter on the phonology of poetic meter examines portions of Dante s Divine Comedy It is demonstrated that the constituents proposed for spoken language also make interesting predictions about literary metrical patterns Prosodic Phonology is an important reference not only for phonologists but for all linguists interested in the issue of interfaces among the components of grammar It is also a basic resource for psycholinguists and cognitive scientists working on linguistic perception and language acquisition The Oxford Handbook of Language Prosody Carlos Gussenhoven,Aoju Chen,2021-01-07 This handbook presents detailed accounts of current research in all aspects of language prosody written by leading experts from different disciplines The volume s comprehensive coverage and multidisciplinary approach will make it an invaluable resource for all researchers students and practitioners interested in prosody Proceedings of the International Congress of Phonetic Sciences ,1979 **The Oxford Handbook of Laboratory Phonology** Abigail C. Cohn,Cécile Fougerson,Marie K. Huffman,2012 This book provides state of the art coverage of research in laboratory phonology Laboratory phonology denotes a research perspective not a specific theory it represents a broad community of scholars dedicated to bringing interdisciplinary experimental approaches and methods to bear on how spoken language is structured learned and used it draws on a wide range of tools and concepts from cognitive and natural sciences This book describes the investigative approaches disciplinary perspectives and methods deployed in laboratory phonology and highlights the most promising areas of current research Part one introduces the history nature and aims of laboratory phonology The remaining four parts cover central issues in research done within this

perspective as well as methodological resources used for investigating these issues Contributions to this volume address how laboratory phonology approaches have provided insight into human speech and language structure and how theoretical questions and methodologies are intertwined This Handbook the first specifically dedicated to the laboratory phonology approach builds on the foundation of knowledge amassed in linguistics speech research and allied disciplines With the varied interdisciplinary contributions collected the Handbook advances work in this vibrant field Mind, Brain, and Language Marie T. Banich, Molly Mack, 2003-10-17 Much of the groundbreaking work in many fields is now occurring at the intersection of traditional academic disciplines This development is well demonstrated in this important and unique volume which offers a multidisciplinary view of current findings and cutting edge issues involving the relationship between mind brain and language Marie T Banich and Molly Mack have edited a collection of 11 invited chapters from top researchers and have contributed two of their own chapters to create a volume organized around five major topics language emergence influence and development models of language and language processing the neurological bases of language language disruption and loss and dual language systems Topics range from the evolution of language and child language acquisition to brain imaging and the bilingual brain To maintain continuity throughout care has been taken to ensure that the chapters have been written in a style accessible to scholars across many disciplines from anthropology and psycholinguistics to cognitive science and neurobiology Because of its depth and breadth this book is appropriate both as a textbook in a variety of undergraduate and graduate level courses and as a valuable resource for researchers and scholars interested in further understanding the background of and current developments in our understanding of the mind brain language relationship **The Crosslinguistic Study of Language Acquisition** Dan Isaac Slobin, 2014-03-05 In this final volume in the series the contributors attempt to expand the contexts in which child language has been examined crosslinguistically The chapters build on themes that have been touched on anticipated and promised in earlier volumes in the series The study of child language has been situated in the disciplines of psychology and linguistics and has been most responsive to dominant issues in those fields such as nativism and learning comprehension and production errors input and universals of morphology and syntax The context has primarily been that of the individual child interacting with a parent and deciphering the linguistic code The code has been generally treated in these volumes as a system of morphology and syntax with little attention to phonology and prosody Attention has been paid occasionally to the facts that the child is acquiring language in a sociocultural setting and that language is used in contexts of semantic and pragmatic communication In addition there has been a degree of attention paid to the interactions between language and cognition in the process of development As for individual differences between children they have been discussed in those studies where they could not be avoided but such variation has rarely been the focus of systematic attention Differences between individual languages have been of great interest but these differences have not often been placed in a framework of systematic typological variation And although

languages and their grammars change over time the focus of attention on the individual child learner has generally led to neglect of explanatory principles that are best found on the level of linguistic diachrony rather than the level of innate ideas or patterns of learning and cognition in the individual child The chapter authors seek to explore these neglected contexts in more depth

The Cambridge Handbook of Korean Linguistics Sungdai Cho, John Whitman, 2022-08-25 The Korean wave in music and film and Korea's rise to become the twelfth economic power in the world have boosted the world wide popularity of Korean language study The linguistic study of Korean with its rich syntactic and phonological structure complex writing system and unique socio historical context is now a rapidly growing research area Contributions from internationally renowned experts on the language provide a state of the art overview of key current research in Korean language and linguistics Chapters are divided into five thematic areas phonetics and phonology morphology and syntax semantics and pragmatics sociolinguistics and psycholinguistics and language pedagogy The Handbook includes cross linguistic data to illuminate the features of Korean and examples in Korean script making it suitable for advanced students and researchers with or without prior knowledge of Korean linguistics It is an essential resource for students and researchers wishing to explore the exciting and rapidly moving field of Korean linguistics

[Approaches to Bootstrapping](#) Jürgen Weissenborn, Barbara Höhle, 2001-08-09 Volume 1 of *Approaches to Bootstrapping* focuses on early word learning and syntactic development with special emphasis on the bootstrapping mechanisms by which the child using properties of the speech input enters the native linguistic system Topics discussed in the area of lexical acquisition are cues and mechanisms for isolating words in the input special features of motherese and their role for early word learning the determination of first word meanings memory and related processing capacities in early word learning and understanding and lexical representation and lexical access in early language production The papers on syntactic development deal with the acquisition of grammatical prosodic features for learning language specific syntactic regularities Volume 2 of *Approaches to Bootstrapping* focuses on the interaction between the development of prosodic and morphosyntactic knowledge as evidenced in the early speech of Dutch English German Portuguese Spanish Danish Icelandic and Swedish children shedding new light on the relation between universal and language specific aspects of language acquisition Another section of this volume deals with new approaches to language acquisition using ERP techniques The papers discuss in detail the relation between the development of language skills and changes in neurophysiological aspects of the brain The potentials of these techniques for the development of new tools for an early diagnosis of children who are at risk for developmental language disorders are also pointed out The closing section contains a synopsis of interactionist approaches to language acquisition a discussion of the genetic and experiential origin of primitive linguistic elements in acquisition and a discussion of structural and developmental aspects of bird song in comparison to human language The two volumes making up *Approaches to Bootstrapping* present a state of the art interdisciplinary and cross linguistic overview of recent developments in first

language acquisition research **Prosodic Theory and Practice** Jonathan Barnes, Stefanie Shattuck-Hufnagel, 2022-02-08
 An introduction to the the range of current theoretical approaches to the prosody of spoken utterances with practical applications of those theories Prosody is an extremely dynamic field with a rapid pace of theoretical development and a steady expansion of its influence beyond linguistics into such areas as cognitive psychology neuroscience computer science speech technology and even the medical profession This book provides a set of concise and accessible introductions to each major theoretical approach to prosody describing its structure and implementation and its central goals and assumptions as well as its strengths and weaknesses Most surveys of basic questions in prosody are written from the perspective of a single theoretical framework This volume offers the only summary of the full range of current theoretical approaches with practical applications of each theory and critical commentary on selected chapters The current abundance of theoretical approaches has sometimes led to apparent conflicts that may stem more from terminological differences or from differing notions of what theories of prosody are meant to achieve than from actual conceptual disagreement This volume confronts this pervasive problem head on by having each chapter address a common set of questions on phonology meaning phonetics typology psychological status and transcription Commentary is added as counterpoint to some chapters with responses by the chapter authors giving a taste of current debate in the field Contributors Amalia Arvaniti Jonathan Barnes Mara Breen Laura C Dilley Grzegorz Dogil Martine Grice Nina Gr nnum Daniel Hirst Sun Ah Jun Jelena Krivokapi D Robert Ladd Fang Liu Piet Mertens Bernd M bius Gregor M hler Oliver Niebuhr Francis Nolan Janet B Pierrehumbert Santitham Prom on Antje Schweitzer Stefanie Shattuck Hufnagel A E Turk Yi Xu *Categoriality and continuity in prosodic prominence* Simon Roessig, 2020-09-08 Prosody has been characterised as a half tamed savage being shaped by both discrete categorical aspects as well as gradient continuous phenomena This book is concerned with the relation of the wild and the tamed sides of prosodic prominence It reviews problems that arise from a strict separation of categorical and continuous representations in models of phonetics and phonology and it explores the potential role of descriptions aimed at reconciling the two domains In doing so the book offers an introduction to dynamical systems a framework that has been studied extensively in the last decades to model speech production and perception The reported acoustic and articulatory data presented in this book show that categorical and continuous modulations used to enhance prosodic prominence are deeply intertwined and even exhibit a kind of symbiosis A multi dimensional dynamical model of prosodic prominence is sketched based on the empirical data combining tonal and articulatory aspects of prosodic focus marking The model demonstrates how categorical and continuous aspects can be integrated in a joint theoretical treatment that overcomes a strict separation of phonetics and phonology

Handbook of Developmental Cognitive Neuroscience, second edition Charles A. Nelson, Monica Luciana, 2008-07-11 The second edition of an essential resource to the evolving field of developmental cognitive neuroscience completely revised with expanded emphasis on social neuroscience clinical disorders and imaging genomics The publication

of the second edition of this handbook testifies to the rapid evolution of developmental cognitive neuroscience as a distinct field. Brain imaging and recording technologies along with well defined behavioral tasks the essential methodological tools of cognitive neuroscience are now being used to study development. Technological advances have yielded methods that can be safely used to study structure function relations and their development in children's brains. These new techniques combined with more refined cognitive models account for the progress and heightened activity in developmental cognitive neuroscience research. The Handbook covers basic aspects of neural development sensory and sensorimotor systems language cognition emotion and the implications of lifelong neural plasticity for brain and behavioral development. The second edition reflects the dramatic expansion of the field in the seven years since the publication of the first edition. This new Handbook has grown from forty one chapters to fifty four all original to this edition. It places greater emphasis on affective and social neuroscience an offshoot of cognitive neuroscience that is now influencing the developmental literature. The second edition also places a greater emphasis on clinical disorders primarily because such research is inherently translational in nature. Finally the book's new discussions of recent breakthroughs in imaging genomics include one entire chapter devoted to the subject. The intersection of brain behavior and genetics represents an exciting new area of inquiry and the second edition of this essential reference work will be a valuable resource for researchers interested in the development of brain behavior relations in the context of both typical and atypical development.

Prosody: Models and Measurements A. Cutler, D.R. Ladd, 2013-03-07 *Prosody Models and Measurements* is the fruit of a three day workshop held in Paris in April 1982. The workshop was one of a series which is sponsored by the Maison des Sciences de l'Homme under the auspices of the European Psycholinguistics Association and which aims to bring together workers in a particular field from different European laboratories and to encourage future collaboration across regional national and disciplinary boundaries. Thus the topic of the workshop Prosody was fairly liberally interpreted in the invitations and the participants were drawn from a variety of background linguistics phonetics psychology. Despite this diversity however there was a surprising degree of congruence in the topics discussed and points of view adopted. We have attempted in the introduction to the present volume to as well as to account for the draw out the similarities between approaches differences and to set the individual contributions against the background of current research in the field. The book is not merely a transcript of what was said during the sessions. All of the papers have been rewritten by the participants in some cases extensively to reflect the comments that were made in discussion and the points of contact and disagreement that became evident during the three days.

Prosody and Meaning Gorka Elordieta, Pilar Prieto, 2012-12-06 Based on the Workshop on Prosody and Meaning in Barcelona on September 17-18 2009 this volume brings together researchers working on issues of the prosodic encoding and expression of sentence level meaning. The contributions to the book result from a vivid exchange of research ideas and research methodologies on issues related to the relationship between prosody and meaning and from stimulating discussions

and collaborative work between researchers coming from different perspectives

Pragmatics and Prosody in English Language Teaching Jesús Romero-Trillo, 2012-03-08 This volume explores the elusive subject of English prosody the stress rhythm and intonation of the language and its relevance for English language teaching Its sharp focus will be especially welcomed by teachers of English to non native speakers but also by scholars and researchers interested in Applied Linguistics The book examines key issues in the development of prosody and delves into the role of intonation in the construction of meaning The contributions tackle difficult areas of intonation for language learners providing a theoretical analysis of each stumbling block as well as a practical explanation for teachers and teacher trainers The numerous issues dealt with in the book include stress and rhythm tone units and information structure intonation and pragmatic meaning tonicity and markedness etc The authors have deployed speech analysis software to illustrate their examples as well as to encourage readers to carry out their own computerized prosodic analyses

Prosodic Detail in Neapolitan Italian Francesco Cangemi, 2014-09-17 Recent findings on phonetic detail have been taken as supporting exemplar based approaches to prosody Through four experiments on both production and perception of both melodic and temporal detail in Neapolitan Italian we show that prosodic detail is not incompatible with abstractionist approaches either Specifically we suggest that the exploration of prosodic detail leads to a refined understanding of the relationships between the richly specified and continuous varying phonetic information on one side and coarse phonologically structured contrasts on the other thus offering insights on how pragmatic information is conveyed by prosody

The Prosody of Greek Speech A. M. Devine, Laurence D. Stephens, 2008-12-01 The reconstruction of the prosody of a dead language is on the face of it an almost impossible undertaking However once a general theory of prosody has been developed from reliable data in living languages it is possible to exploit texts as sources of answers to questions that would normally be answered in the laboratory In this work the authors interpret the evidence of Greek verse texts and musical settings in the framework of a theory of prosody based on crosslinguistic evidence and experimental phonetic and psycholinguistic data and reconstruct the syllable structure rhythm accent phrasing and intonation of classical Greek speech Sophisticated statistical analyses are employed to support an impressive range of new findings which relate not only to phonetics and phonology but also to pragmatics and the syntax phonology interface

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