Springer
Customized Book List
Linguistics
**Word Sense Disambiguation**

*Algorithms and Applications*

This is the first book to cover the entire topic of word sense disambiguation (WSD) including: all the major algorithms, techniques, performance measures, results, philosophical issues, and applications. Leading researchers in the field have contributed chapters that synthesize and provide an overview of past and state-of-the-art research across the field. The editors have carefully organized the chapters into subtopics. Researchers and lecturers will learn about the full range of what has been done and where the field is headed. Developers will learn which technique(s) will apply to their particular application, how to build and evaluate systems, and what performance to expect. An accompanying Website provides links to resources for WSD and a searchable index of the book.

**Features**
The first book to cover all aspects of word sense disambiguation Contains contributions by leading researchers in the field

**Contents**

**Fields of interest**
Linguistics (General)

**Target groups**
Scientists and researchers

**Type of publication**
Contributed volume

Due November 2007

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**Recent Trends in Discourse and Dialogue**

This book is a collection of eleven chapters which together represent an original contribution to the field of (multimodal) spoken dialogue systems. The chapters include highly relevant topics, such as dialogue modeling in research systems versus industrial systems, evaluation, miscommunication and error handling, grounding, statistical and corpus-based approaches to discourse and dialogue modeling, data analysis, and corpus annotation and annotation tools. The book contains several detailed application studies, including, e.g., speech-controlled MP3 players in a car environment, negotiation training with a virtual human in a military context, application of spoken dialogue to question-answering systems, and cognitive aspects in tutoring systems. The chapters vary considerably with respect to the level of expertise required in advance to benefit from them. However, most chapters start with a state-of-the-art description from which all readers from the spoken dialogue community may benefit. Overview [...]”

**Features**
Unique and original contribution to the fields of spoken dialogue systems and human-computer interaction Covers hot topics such as miscommunication, error handling and recovery, evaluation, and sensitivity to the cognitive states of the user Includes several highly relevant and original application studies concerning, e.g., MP3 players in a car environment, negotiation training in a military context, and [...]”

**Contents**

**Fields of interest**
Linguistics (General); User Interfaces and Human Computer Interaction; Artificial Intelligence (incl. Robotics); Computational Linguistics

**Target groups**
Advanced graduate students, PhD students, academic and industrial researchers and practitioners

**Type of publication**
Contributed volume

Due March 2008

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**Parsing the Turing Test**

*Philosophical and Methodological Issues in the Quest for the Thinking Computer*

Parsing the Turing Test is a landmark exploration of both the philosophical and methodological issues surrounding the search for true artificial intelligence. Will computers and robots ever think and communicate the way humans do? When a computer crosses the threshold into self-consciousness, will it immediately jump into the Internet and create a World Mind? Will intelligent computers someday recognize the rather doubtful intelligence of human beings? Distinguished psychologists, computer scientists, philosophers, and programmers from around the world debate these weighty issues—and, in effect, the future of the human race—in this important volume.

**Features**
The most comprehensive analysis of The Turing Test—the ultimate benchmark of true artificial intelligence ever published Features new contributions from 37 eminent scholars in computer science, psychology and philosophy, including Ray Kurzweil, Noam Chomsky, Paul Churchland, John R. Searle and Andrew Hodges Includes running commentaries by Stevan Harnad, Kenneth Ford, Pat Hayes and others on Alan Turing’s [...]”

**Contents**

**Fields of interest**
Computational Linguistics; User Interfaces and Human Computer Interaction; Artificial Intelligence (incl. Robotics); Philosophy of Language; Psycholinguistics

**Target groups**
Professionals, students

**Type of publication**
Contributed volume

Due December 2007

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The Acquisition of Verbs and their Grammar

The Effect of Particular Languages

Features
Offers empirical evidence from a large variety of languages. The empirical evidence is discussed without subscribing to one of the two main theoretical perspectives. Topics discussed include: the language effect, the impact of frequency on the acquisition of verbs.

Contents

Fields of interest
Psycholinguistics; Grammar; Theoretical Linguistics

Target groups
Researchers working in the field of theoretical and applied (psycho)linguistics, especially those with an interest in language acquisition and cross-linguistic accounts

Type of publication
Contributed volume

Due October 2007

Contributions to the Science of Text and Language

Word Length Studies and Related Issues

This volume contains a collection of contributions to the science of language, focusing on the study of word length in particular. Within a synergetic framework, the word turns out to be a central linguistic unit, as is clearly outlined in the Editor’s preface. The book’s first chapter is an extensive introduction to the history and state of the art of word length studies. The studies included unify contributions from three important linguistic fields, namely, linguistics and text analysis, mathematics and statistics, and corpus and data base design, which together give a comprehensive approach to the quantitative study of text and language and word length studies. The broad spectrum of word length studies covered within this volume will be of interest to experts working in the fields of general linguistics, text scholarship and related fields, and, understanding language as one example of complex semiotic systems, the volume should be of interest for scholars from other fields as well.

Features
Presents a collection of papers on the quantitative study of language, in particular word length studies

Contents
Preface. Papers by: Peter Grzybek; Simone Andersen and Gabriel Altmann; Gordana Antic; Emmerich Kelih and Peter Graybek; August Fenk and Gertraud Fenk-Oczlon; Primoz Jakopin; Reinhard Koehler; Victor V. Kromer; Werner Lehfeldt; Anatolij A. Polikarpov; Otto A. Rottmann; Ernst Stadelhofer and Mario Dujelic; Udo Strauss, Peter Graybek and Gabriel Altmann; Marko Tadic; Dusko Vitas, Gordana Pavlovic-Lazetic and Cvetana Krstev; Andrew Wilson; Gejza Wimmer and Gabriel Altmann. Contributing Authors. Author Index. Subject Index.

Fields of interest
Computational Linguistics; Mathematical Logic and Formal Languages; Theoretical Linguistics

Target groups
Computational linguists

Type of publication
Contributed volume

Due October 2007

The Encyclopedia of Language and Education

The Encyclopedia is a necessary reference set for every university and college library in the world that serves a faculty or school of education. The encyclopedia aims to speak to a prospective readership that is multinational, and to do so as unambiguously as possible. Because each book-size volume deals with a discrete and important subject in language and education, these state-of-the-art volumes also offer highly authoritative course textbooks in the areas suggested by their titles. This means that libraries may also need to catalogue these book-size individual volumes in relevant sections of their general collections.

Features
The Encyclopedia is a necessary reference set for every university and college library in the world that serves a faculty or school of education. The Encyclopedia has more than 250 contributors drawn from numerous countries. Its reviews present information and authoritative insights that are relevant to every country and to every language. Each volume contains about 20-30 reviews. For some topics, teams of […]

Contents

Fields of interest
Language Education; Applied Linguistics; Education (general); Psycholinguistics; Sociolinguistics

Target groups
Researchers and policy makers in education, university libraries in North and South America, Europe, Australia, Asia and Africa

Type of publication
Reference work

Due November 2007
Event Structure and the Left Periphery

Studies on Hungarian

This book provides substantial new results in a novel field of research examining the syntactic and semantic consequences of event structure. The studies of this volume examine the hypothesis that event structure correlates with word order, the presence or absence of the verbal particle, the [+/- specific] feature of the internal argument, aspect, focusing, negation, and negative quantification, among others. The results reported concern the telicizing vs. perfectivizing role of the verbal particle; the syntactic and semantic differences of verbs denoting a delimited change, and those denoting creation or coming into being; evidence of viewpoint aspect in a language with no morphological viewpoint marking; the aspectual role of non-thematic objects; the source of the ‘exhaustive identification’ function of structural focus; the interaction of negation and aspect etc.

Features
Provides substantial new results in the field of research examining the syntactic and semantic consequences of event structure.

Contents
Aims and background. The function and the syntax of the verbal particle. Verbal particles telicizing stative psych verbs. - Definiteness effect verbs. - Weak and strong accomplishments. - Particles and a two-component theory of aspect. - From the grammaticalization of viewpoint aspect to the grammaticalization of situation aspect. - Accusative case and aspect. - Apparent or real? On the complementary distribution of identificational focus and the verbal particle. - Aspect, negation, and quantifiers. - Predicates, negative quantifiers and focus: specificity and quantificationality of n-words.

Fields of interest
Syntax; Semantics; Theoretical Linguistics

Target groups
Scientists, researchers and graduates.

Type of publication
Contributed volume

Due November 2007

English Prosodic Morphology

This is the first modern book-length empirical study and theoretical account of English truncatory processes. On the basis of a corpus comprising some 3000 derivatives, the book provides a systematic investigation of the structural properties of six different patterns of English name truncation and word clipping. All patterns are shown to be unique in terms of the structural requirements that they impose on their outputs. The book presents an optimality-theoretic account of the data in the framework of Prosodic Morphology. Pertinent theoretical claims are evaluated in the light of the empirical findings from English, leading to an analysis which can successfully predict canonical form in truncation and which incorporates systematic variability in output structure. This volume is a contribution to the study of both English word-formation and English phonology, and can be used by scholars working inside and outside OT alike.

Features
Comprehensive empirical analysis of the major truncatory patterns in English. Broad coverage of structural aspects (segmental, phonotactic, suprasegmental) Critical evaluation of pertinent theories in light of the empirical facts. Optimality-theoretic implementation of the variability within and between truncatory patterns.

Contents

Fields of interest
Phonology; Grammar; Germanic Languages; Theoretical Linguistics

Target groups
Scholars, lecturers, researchers.

Type of publication
Monograph

Due October 2007

Dynamic Assessment

A Vygotskian Approach to Understanding and Promoting L2 Development

Features
Addresses how Vygotsky’s theory can be used as the basis for pedagogical innovations. Provides a much-needed coherent framework for classroom-based assessment. Offers a more solid integration of second language teaching and assessment. Represents a new context for the application of Dynamic Assessment. Is the first book-length treatment of Dynamic Assessment in the language classroom.

Fields of interest
Linguistics (General); Applied Linguistics; Language Education; Learning & Instruction; Pedagogic Psychology

Target groups
Researchers in applied linguistics, language testing and assessment, and L2 pedagogy. L2 classroom interaction. L2 teaching and learning. And theories of L2 development, graduate students and scholars in SLA

Type of publication
Monograph

Due April 2008

Dynamic Assessment

M.E. Poehner, The Pennsylvania State University, University Park, PA, USA

76.95 €

Dynamic Assessment

2007. 344 pp. Hardcover
49.95 €
Automated question answering – the ability of a machine to answer questions, simple or complex, posed in ordinary human language – is one of today’s most exciting technological developments. It has all the markings of a disruptive technology, one that is poised to displace the existing search methods and establish new standards for user-centered access to information. This book gives a comprehensive and detailed look at the current approaches to automated question answering. The level of presentation is suitable for newcomers to the field as well as for professionals wishing to study this area and/or to build practical QA systems. The book can serve as a ‘how-to’ handbook for IT practitioners and system developers. It can also be used to teach advanced graduate courses in Computer Science, Information Science and related disciplines. The readers will acquire in-depth practical knowledge of this critical new technology.

**Features**

- Gives a comprehensive look at current approaches to automated question answering
- Suitable for newcomers to the field and also professionals wishing to study in this area
- Will provide the readers with in-depth practical knowledge of this critical new technology

**Fields of interest**

- Linguistics (General)

**Target groups**

- Linguists

**Type of publication**

- Handbook

**Due November 2007**

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The Linguistic Bibliography / Bibliographie Linguistique for the year 2003 contains more than 14,800 records of publications in linguistics. This volume, even more than the preceding volumes, consistently focuses on less described and lesser known languages, as announced in the introduction to the 2002 volume. Moreover, the emphasis of this selection is on publications which cannot be easily retrieved from the internet.

**Features**

- Covers all branches of linguistics, both theoretical and descriptive, from all geographical areas.
- Publications are selected for inclusion with a special focus on less described and lesser known languages, with particular attention to publications that can not easily be retrieved from the internet.
- More than 14,800 records of publications make this volume an indispensable tool for linguists

**Fields of interest**

- Linguistics (General)

**Target groups**

- Linguists

**Type of publication**

- Bibliography

**Due November 2008**

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**Features**

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- More than 14,800 records of publications make this volume an indispensable tool for linguists

**Fields of interest**

- Linguistics (General)

**Target groups**

- Linguists

**Type of publication**

- Bibliography

**Due November 2009**

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489,00 €
Linguistic Bibliography for the Year 2004 / Bibliographie Linguistique de l’Année 2004

and supplement for previous year / et complément des années précédentes

Features
The Linguistic Bibliography is the most comprehensive bibliography available, covering all branches of linguistics, both theoretical and descriptive, from all geographical areas, including less known and extinct languages, with particular attention to endangered languages.

Fields of interest
Linguistics (General)

Type of publication
Bibliography

Due October 2008


489,00 €
ISBN 978-1-4020-5210-1

Linguistic Bibliography for the Year 2003 / Bibliographie Linguistique de l’Année 2003

and supplement for previous years / et complément des années précédentes

Features
The Linguistic Bibliography is the most comprehensive bibliography available, covering all branches of linguistics, both theoretical and descriptive, from all geographical areas, including less known and extinct languages, with particular attention to endangered languages.

Fields of interest
Linguistics (General)

Type of publication
Bibliography

Due December 2007


489,00 €
ISBN 978-1-4020-5240-8

Linguistic Bibliography for the Year 2000 / Bibliographie Linguistique de l’Année 2000

and supplements for previous years / et complément des années précédentes

Bibliographie Linguistique / Linguistic Bibliography is the annual bibliography of linguistics published by the Permanent International Committee of Linguists under the auspices of the International Council of Philosophy and Humanistic Studies of UNESCO. With a tradition of more than fifty years (the first two volumes, covering the years 1939-1947, were published in 1949-1950), Bibliographie Linguistique is by far the most comprehensive bibliography in the field. It covers all branches of linguistics, both theoretical and descriptive, from all geographical areas, including less known and extinct languages, with particular attention to the many endangered languages of the world. Up-to-date information is guaranteed by the collaboration of some forty contributing specialists from all over the world. With over 20,000 titles arranged according to a detailed state-of-the-art classification, Bibliographie Linguistique remains the standard reference book for every scholar of language and linguistics.

Features
The most comprehensive bibliography in the field Covers all branches of linguistics, both theoretical and descriptive, from all geographical areas, including less known and extinct languages, with particular attention to the many endangered languages of the world Guaranteed up-to-date information by the collaboration of some forty contributing specialists from all over the world Over 20,000 titles arranged [-]

Fields of interest
Linguistics (General); Languages and Literature; Printing and Publishing

Target groups
Scholars of language and linguistics

Type of publication
Yearbook

Due May 2008


469,00 €
The Linearization of Affixes: Evidence from Nuu-chah-nulth

The linearization of syntactic constructs stands at the forefront of current research on the syntax-phonology interface. This book examines the problem of linearization from a new perspective: that of the linearization of affixes. The driving proposal of this book is that affixation provides a means of satisfying the universal requirement that linguistic outputs be linearized. This hypothesis is tested against extensive original data from Nuu-chah-nulth ("Nootka"; Wakashan family), an endangered Amerindian language remarkable for its complex morphology. This volume introduces typologically rare affixation effects to current theoretical debates surrounding the division of labour between the modules of the grammar.

Features
Develops the innovative argument that affixation constitutes a means of satisfying the universal requirement that linguistic expressions be linearized. Brings to light a range of new empirical data which is of central relevance to current debates on the nature of head movement. Presents Nuu-chah-nulth affixation as proof-of-concept for the hypothesis that syntax is ‘spelled out’ to phonology in strictly minimal [...] 

Contents
1 Introduction.- 2 PF Incorporation.- 3 Clausal architecture of Nuu-chah-nulth.- 4 Nominal complements of affixal predicates.- 5 Verbal complements of affixal predicates.- 6 Implications.- References.- Appendix: Orthography.

Fields of interest
Linguistics (General); Theoretical Linguistics; Syntax; Ameri-Indian Languages

Target groups
Academics and graduate students

Type of publication
Monograph

Due December 2007


94,95 €

Planning Chinese Characters

Reaction, Evolution or Revolution?

The barriers to growth and spread of the Chinese language are very different for spoken and written Chinese, and this monograph focuses on the written variety. It traces the language policy and planning related developments for Chinese characters, with particular emphasis on post-1950 period in the People’s Republic of China (PRC) and the more recent challenges that technology, and particularly the World Wide Web, have posed for the language. While Chinese language policy and planning developments can generally be characterized as evolutionary, currently there are forces, both reactionary, i.e. elements of traditional language and cultural purism, and revolutionary, i.e. ‘alphabetic’ or radical simplification schemes, at work in the PRC. The volume examines this linguistic, cultural, political, economic debate, the outcome of which could determine whether Chinese reaches its international language potential, and explores some possible language policy and planning directions for the future. Given [...] 

Features
Provides an all-inclusive review and evaluation of the diverse literatures on the subject, in both English and Chinese, many of which have not been available to international academia. Undertakes a comprehensive synthesis and analysis of the reform programs for modernizing the modern Chinese writing system. Informs the general interest reader, sinologists and Asian study scholars of the latest developments in [...] 

Contents
Dedication.-Contributing Authors.-Abbreviations.-Preface.-Foreword.-Prologue.-Making Hanzi Accessible. Reflections on New Perspectives.-New Challenges for a Digital Society.-Standardization as a Solution.-Influencing Outcomes.-Envisioning the Future.-Some Critical Issues.-Acknowledgments.-Appendix.-Notes.-References.-Subject Index.-Name Index

Fields of interest
Linguistics (General); Applied Linguistics; Educational Policy; Language Education; Chinese

Target groups
Sociolinguists, language policy makers, and researchers, East Asian studies scholars and sinologists, language teachers, language planning workers/professionals, office staff

Type of publication
Monograph

Due December 2007


124,95 €
ISBN 978-0-387-48574-4

Differential Subject Marking

Although (almost) all sentences have subjects, not all sentences encode their subjects in the same way. Some languages overtly mark some subjects, but not others, depending on certain features of the subject argument or the sentence in which the subject figures. This phenomenon is known as Differential Subject Marking (DSM). Languages differ in which conditions govern DSM. Some languages differentiate their subjects on the basis of semantic features of the argument such as thematic role, vclilonality, animacy, whereas others differentiate on the basis of clausal features such as tense/aspect and the main/dependent clause distinction. DSM comes in different formal guises: case marking, agreement, inverse systems, and voice alternations. Relatively much is known about cross-linguistic variation in the marking of subjects, yet little attempt has been made to formalize the facts. This volume aims to unify formal approaches to language and presents both specific case studies of DSM and theoretical approaches.

Features
Contains numerous illuminating discussions of Differential Subject Marking from languages all over the world. Provides an important step forwards in our understanding the complex nature of Differential Subject Marking (complex as compared to Differential Object Marking). Shows that Differential Subject Marking is often the result of interactions between conflicting constraints on language use.

Contents
Preface.-Contributors.-List of Abbreviations.-Cross-linguistic Variation in Differential Subject Marking.-Differential Subject Marking at Argument Structure, Syntax, and PF.-Quantitative Variation in Korean Case Ellipsis: Implications for Case Theory.-Ergative Case-marking in Hindi.-DOM and Two Types of DSM in Turkish.-Differential Subject Marking in Polish: The Case of Genitive vs. Nominative Subjects in “X was not at Y”-constructions.-Differential Argument Marking in Two-term Case Systems and its Implications for the General Theory of Case Marking.-Non-canonical Agent [...] 

Fields of interest
Theoretical Linguistics; Comparative Linguistics; Syntax; Semantics; Grammar

Target groups
Typologists, syntacists, semanticists

Type of publication
Collected works

Due December 2007


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