

ADVANCED INFORMATION AND KNOWLEDGE PROCESSING

Information systems and intelligent knowledge processing are playing an increasing role in business, science and technology. Recently advanced information systems have evolved to facilitate the co-evolution of human and information networks within communities. These advanced information systems use various paradigms including artificial intelligence, knowledge management, and bioinformatics, as well as conventional information processing paradigms.

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Mathematical Linguistics introduces the mathematical foundations of linguistics to computer scientists, engineers, and mathematicians interested in natural language processing. The book presents linguistics as a fundamental body of knowledge from the ground up, with no prior knowledge of linguistics being presumed, ensuring that the average first semester student can follow it.

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The present work represents the best in easy readability, often explaining it both when the topic may seem dry or subtle, or when it is subtle itself. It also contains many examples and theorems, and the numerous exercises are carefully selected to be both challenging and useful. The book is a treasure trove of information, and the author's passion for the subject is evident throughout. This is a book that makes NLP fun. — Professor Thomas Gabel, Bremen University, 2016

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Mathematical Models In Linguistics:

Mathematical Models in Linguistics Maurice Gross,1972 **Mathematical Models of Language** Ferenc Kiefer,1973 *Semantics-Oriented Natural Language Processing* Vladimir Fomichov A.,2009-12-01
Gluecklich die wissen dass hinter allen Sprachen das Unsaegliche steht Those are happy who know that behind all languages there is something unsaid Rainer Maria Rilke This book shows in a new way that a solution to a fundamental problem from one scienti c eld can help to nd the solutions to important problems emerged in several other elds of science and technology In modern science the term Natural Language denotes the collection of all such languages that every language is used as a primary means of communication by people belonging to any country or any region So Natural Language NL includes in particular the English Russian and German languages The applied computer systems processing natural language printed or written texts NL texts or oral speech with respect to the fact that the words are associated with some meanings are called semantics oriented natural language processing s tems NLPs On one hand this book is a snapshot of the current stage of a research p gram started many years ago and called Integral Formal Semantics IFS of NL The goal of this program has been to develop the formal models and methods he ing to overcome the dif culties of logical character associated with the engineering of semantics oriented NLPs The designers of such systems of arbitrary kinds will nd in this book the formal means and algorithms being of great help in their work **The Alternative Mathematical Model of Linguistic Semantics and Pragmatics** Vilém Novák,2013-06-29 In opposition to the classical set theory of natural language Nov k s highly original monograph offers a theory based on alternative and fuzzy sets This new approach is firmly grounded in semantics and pragmatics and accounts for the vagueness inherent in natural language filling a large gap in our current knowledge The theory will foster fruitful debate among researchers in linguistics and artificial intellegence *Mathematical Models for Speech Technology* Stephen Levinson,2005-03-04 Mathematical Models of Spoken Language presents the motivations for intuitions behind and basic mathematical models of natural spoken language communication A comprehensive overview is given of all aspects of the problem from the physics of speech production through the hierarchy of linguistic structure and ending with some observations on language and mind The author comprehensively explores the argument that these modern technologies are actually the most extensive compilations of linguistic knowledge available Throughout the book the emphasis is on placing all the material in a mathematically coherent and computationally tractable framework that captures linguistic structure It presents material that appears nowhere else and gives a unification of formalisms and perspectives used by linguists and engineers Its unique features include a coherent nomenclature that emphasizes the deep connections amongst the diverse mathematical models and explores the methods by means of which they capture linguistic structure This contrasts with some of the superficial similarities described in the existing literature the historical background and origins of the theories and models the connections to related disciplines e g artificial intelligence automata theory and information

theory an elucidation of the current debates and their intellectual origins many important little known results and some original proofs of fundamental results e g a geometric interpretation of parameter estimation techniques for stochastic models and finally the author s own unique perspectives on the future of this discipline There is a vast literature on Speech Recognition and Synthesis however this book is unlike any other in the field Although it appears to be a rapidly advancing field the fundamentals have not changed in decades Most of the results are presented in journals from which it is difficult to integrate and evaluate all of these recent ideas Some of the fundamentals have been collected into textbooks which give detailed descriptions of the techniques but no motivation or perspective The linguistic texts are mostly descriptive and pictorial lacking the mathematical and computational aspects This book strikes a useful balance by covering a wide range of ideas in a common framework It provides all the basic algorithms and computational techniques and an analysis and perspective which allows one to intelligently read the latest literature and understand state of the art techniques as they evolve

Elements of Mathematical Linguistics Alexej V. Gladkij,Igor A. Melcuk,2020-07-06 No detailed description available for Elements of Mathematical Linguistics

Linguistic Geometry Boris Stilman,2000-04-30 Linguistic Geometry From Search to Construction is the first book of its kind Linguistic Geometry LG is an approach to the construction of mathematical models for large scale multi agent systems A number of such systems including air space combat robotic manufacturing software re engineering and Internet cyberwar can be modeled as abstract board games These are games with moves that can be represented by the movement of abstract pieces over locations on an abstract board The purpose of LG is to provide strategies to guide the games participants to their goals Traditionally discovering such strategies required searches in giant game trees These searches are often beyond the capacity of modern and even conceivable future computers LG dramatically reduces the size of the search trees making the problems computationally tractable LG provides a formalization and abstraction of search heuristics used by advanced experts including chess grandmasters Essentially these heuristics replace search with the construction of strategies To formalize the heuristics LG employs the theory of formal languages i e formal linguistics as well as certain geometric structures over an abstract board The new formal strategies solve problems from different domains far beyond the areas envisioned by the experts For a number of these domains Linguistic Geometry yields optimal solutions

Language and Text Adam Pawłowski,Jan Mačutek,Sheila Embleton,George Mikros,2021-12-15 Specialists in quantitative linguistics the world over have recourse to a solid and universal methodology These days their methods and mathematical models must also respond to new communication phenomena and the flood of data produced daily While various disciplines computer science media science have different ways of processing this onslaught of information the linguistic approach is arguably the most relevant and effective This book includes recent results from many renowned contemporary practitioners in the field Our target audiences are academics researchers graduate students and others involved in linguistics digital humanities and applied mathematics

Classification and Modeling with

Linguistic Information Granules Hisao Ishibuchi, Tomoharu Nakashima, Manabu Nii, 2006-02-27 Many approaches have already been proposed for classification and modeling in the literature. These approaches are usually based on mathematical models. Computer systems can easily handle mathematical models even when they are complicated and nonlinear e.g. neural networks. On the other hand, it is not always easy for human users to intuitively understand mathematical models even when they are simple and linear. This is because human information processing is based mainly on linguistic knowledge while computer systems are designed to handle symbolic and numerical information. A large part of our daily communication is based on words. We learn from various media such as books, newspapers, magazines, TV, and the Internet through words. We also communicate with others through words. While words play a central role in human information processing, linguistic models are not often used in the fields of classification and modeling. If there is no goal other than the maximization of accuracy in classification and modeling, mathematical models may always be preferred to linguistic models. On the other hand, linguistic models may be chosen if emphasis is placed on interpretability. *Mathematics of Language* Alexis

Manaster-Ramer, 1987-01-01 By mathematics of language is meant the mathematical properties that may under certain assumptions about modeling be attributed to human languages and related symbolic systems as well as the increasingly active and autonomous scholarly discipline that studies such things. More specifically, the use of techniques developed in a variety of pure and applied mathematics including logic and the theory of computation in the discovery and articulation of insights into the structure of language. Some of the contributions to this volume deal primarily with foundational issues, others with specific models and theoretical issues. A few are concerned with semantics but most focus on syntax. The papers in this volume reveal applications of the several fields of the theory of computation: formal languages, automata, complexity, formal logic, topology, set theory, graph theory, and statistics. The book also shows a keen interest in developing mathematical models that are especially suited to natural languages. *Application of mathematical models and computers in linguistics*, 1976 Application of mathematical models and computers in linguistics Aleksandăr Konstantinov, Ljudskanov, Bolgarskaja Akademija. Edinyj centr dlja nauki i podgotovki kadrov po matematike i mehanike, 1976 **Algebraic Linguistics;**

Analytical Models by Solomon Marcus, 1966-01-01 In this book we study theoretical and practical aspects of computing methods for mathematical modelling of nonlinear systems. A number of computing techniques are considered such as methods of operator approximation with any given accuracy, operator interpolation techniques including a non-Lagrange interpolation method of system representation subject to constraints associated with concepts of causality, memory, and stationarity, methods of system representation with an accuracy that is the best within a given class of models, methods of covariance matrix estimation, methods for low rank matrix approximations, hybrid methods based on a combination of iterative procedures and best operator approximation, and methods for information compression and filtering under condition that a filter model should satisfy restrictions associated with causality and different types of memory. As a result, the book

represents a blend of new methods in general computational analysis and specific but also generic techniques for study of systems theory and its particular branches such as optimal filtering and information compression Best operator approximation Non Lagrange interpolation Generic Karhunen Loeve transform Generalised low rank matrix approximation Optimal data compression Optimal nonlinear filtering

Library of Congress Subject Headings: P-Z Library of Congress. Subject Cataloging Division, 1988

Library of Congress Subject Headings Library of Congress, Library of Congress. Subject Cataloging Division, Library of Congress. Office for Subject Cataloging Policy, 1995

Handbook of Mathematical Models for Languages and Computation Alexander Meduna, Petr Horáček, Martin Tomko, 2019-11-15 The theory of computation is used to address challenges arising in many computer science areas such as artificial intelligence language processors compiler writing information and coding systems programming language design computer architecture and more To grasp topics concerning this theory readers need to familiarize themselves with its computational and language models based on concepts of discrete mathematics including sets relations functions graphs and logic

Library of Congress Subject Headings Library of Congress. Cataloging Policy and Support Office, 1994

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Mathematical Modelling in Linguistics and Text Analysis Adam Pawłowski, Sheila Embleton, Jan Mačutek, Aris Xanthos, 2025-12-15 This book is a panorama of contemporary quantitative linguistics as developed over decades It highlights the main topics of QL statistical laws of language taxonomy of linguistic phenomena authorial attribution quantitative analysis of syntax e g dependency grammar measurement of text difficulty and other phenomena at the intersection of linguistics literary studies semiotics and information science It also reflects on the relevance of these time honoured approaches in our new reality increasingly dominated by AI both in terms of text material and methodology Before our very eyes computers are achieving human level linguistic competence The era of LLMs and the growing dominance of machine generated text is becoming reality The scale of these changes initiated by the replacement of print with the digital universe is enormous Today linguistics is closer than ever to mathematics and computer science and thus linguists are particularly well suited to address questions about the boundary between humans and machines in scientific research

Mathematical Models of Meaning Paul Kockelman, 2025 An attempt to unify quantitative and qualitative approaches to the problem of meaning written by a linguistic anthropologist with a background in mathematics and physics

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