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The Teacher's Grammar of English with Answers - Ron Cowan 2008-05-26
"The Teacher's grammar of English enables English language teachers and teachers-in-training to fully understand and effectively teach English grammar. With comprehensive presentation of form, meaning, and usage, along with practical exercises and advice on teaaching difficult structures, it is both a complete grammar course and an essential reference text."--Back cover.

Error Analysis in the World. A Bibliography - Bernd Spillner 2017-05-11
Linguistic errors are manifold, e.g. in the mother tongue, in the acquisition of foreign languages, in translations, as slip of the tongue or typo. The present compilation of all subject-related publications is a comprehensive bibliography for the field of linguistic errors. In a compact introduction, Bernd Spillner additionally provides an overview of linguistic, didactic and psycholinguistic methods of the analysis and assessment of the errors and their therapy. For the first time, publications from numerous countries around the world were included which have not yet been considered. With the attached CD-ROM making the bibliography searchable for keywords in many languages to find relevant publications among the more than 6.000 titles, this is a very useful handbook for all linguists and teachers.

Corpus Linguistics 25 Years on - 2015-07-14
This volume offers a state-of-the-art picture of work undertaken in the field of computer-aided corpus linguistics. While the focus is on English, central insights can be generalised to other languages, as well. As a work intended to mark the Silver Jubilee of ICAME, the International Computer Archive of Modern and Medieval English, the book combines surveys of the discipline by some of its major pioneers, including founders of ICAME itself, with cutting-edge work by younger scholars. It is divided into three sections: "Overviewing years of corpus linguistic studies", "Descriptive studies in English syntax and semantics", and "Second Language Acquisition, parallel corpora and specialist corpora". The book bears witness to the impressive advances that have characterised the development of corpus linguistics over the past few decades – from terminological issues to practical applications, from theoretical and descriptive research to applied approaches, from monolingual to multilingual and specialist corpora, from corpus design to corpus exploitation tools.

Resources in Education - 1993

Automated Grammatical Error Detection for Language Learners, Second Edition - Claudia Leacock 2022-06-01
It has been estimated that over a billion people are using or learning English as a second or foreign language, and the numbers are growing not only for English but for other languages as well. These language learners provide a burgeoning market for tools that help identify and correct learners' writing errors. Unfortunately, the errors targeted by typical commercial proofreading tools do not include those aspects of a second language that are hardest to learn. This volume describes the types of constructions English language learners find most difficult: constructions containing prepositions, articles, and collocations. It provides an overview of the automated approaches that have been developed to identify and correct these and other classes of learner errors in a number of languages. Error annotation and system evaluation are particularly important topics in grammatical error detection because there are no commonly accepted standards. Chapters in the book describe the options available to researchers, recommend best

practices for reporting results, and present annotation and evaluation schemes. The final chapters explore recent innovative work that opens new directions for research. It is the authors' hope that this volume will continue to contribute to the growing interest in grammatical error detection by encouraging researchers to take a closer look at the field and its many challenging problems.

Linguistics and Language Behavior Abstracts - 2007-10

Natural Language Processing and Cognitive Science - Bernadette Sharp 2015-03-10
Peer reviewed articles from the Natural Language Processing and Cognitive Science (NLPCS) 2014 meeting in October 2014 workshop. The meeting fosters interactions among researchers and practitioners in NLP by taking a Cognitive Science perspective. Articles cover topics such as artificial intelligence, computational linguistics, psycholinguistics, cognitive psychology and language learning.

Synthesis Lectures on Human Language Technologies : Automated Grammatical Error Detection for Language Learners - Claudia Leacock

Natural Language Processing and Chinese Computing - Wei Lu 2022-09-23
This two-volume set of LNAI 13551 and 13552 constitutes the refereed proceedings of the 11th CCF Conference on Natural Language Processing and Chinese Computing, NLPCC 2022, held in Guilin, China, in September 2022. The 62 full papers, 21 poster papers, and 27 workshop papers presented were carefully reviewed and selected from 327 submissions. They are organized in the following areas: Fundamentals of NLP; Machine Translation and Multilinguality; Machine Learning for NLP; Information Extraction and Knowledge Graph; Summarization and Generation; Question Answering; Dialogue Systems; Social Media and Sentiment Analysis; NLP Applications and Text Mining; and Multimodality and Explainability.

Masters Theses in the Pure and Applied Sciences Accepted by Colleges and Universities of the United States and Canada - 1961

The fantasy fiction formula - Deborah Chester 2016-01-01
There's more to writing a successful fantasy story than building a unique world or inventing new magic. How exactly is a plot put together? How do you know if your idea will support an entire novel? How do you grab reader attention and keep it? How do you create dynamic, multi-dimensional characters? What is viewpoint and do you handle it differently in urban fantasy than in traditional epics? What should you do if you're lost in the middle? How do you make your plot end up where you intend it to go? From the writing of strong, action-packed scenes to the handling of emotions, let award-winning fantasy author Deborah Chester guide you through the process of putting a book together. Convinced there's no need to shroud the writing process under a veil of mystery, Chester supplies tips that are both practical and proven. They are exactly what she uses in writing her own novels and what she teaches in her writing courses at the University of Oklahoma. Along with explaining story construction step-by-step, Chester illustrates each technique with examples drawn from both traditional and urban fantasy. The technique chapters include exercises to assist novices in mastering the craft of writing fantasy as well as suggestions for avoiding or solving plot problems. More experienced writers will find tips for taking their work to the next level. With an introduction by author Jim Butcher, The fantasy fiction formula provides the information you need to

gain skill and proficiency in writing fantasy like a pro.

Learner English on Computer - Sylviane Granger 2014-02-04
The first book of its kind, Learner English on Computer is intended to provide linguists, students of linguistics and modern languages, and ELT professionals with a highly accessible and comprehensive introduction to the new and rapidly-expanding field of corpus-based research into learner language. Edited by the founder and co-ordinator of the International Corpus of Learner English (ICLE), the book contains articles on all aspects of corpus compilation, design and analysis. The book is divided into three main sections; in Part I, the first chapter provides the reader with an overview of the field, explaining links with corpus and applied linguistics, second language acquisition and ELT. The second chapter reviews the software tools which are currently available for analysing learner language and contains useful examples of how they can be used. Part 2 contains eight case studies in which computer learner corpora are analysed for various lexical, discourse and grammatical features. The articles contain a wide range of methodologies with broad general application. The chapters in Part 3 look at how Computer Learner Corpus (CLC) based studies can help improve pedagogical tools: EFL grammars, dictionaries, writing textbooks and electronic tools. Implications for classroom methodology are also discussed. The comprehensive scope of this volume should be invaluable to applied linguists and corpus linguists as well as to would-be learner corpus builders and analysts who wish to discover more about a new, exciting and fast-growing field of research.

Text, Speech and Dialogue - Petr Sojka 2012-08-08
This book constitutes the refereed proceedings of the 15th International Conference on Text, Speech and Dialogue, TSD 2012, held in Brno, Czech Republic, in September 2012. The 82 papers presented together with 2 invited talks were carefully reviewed and selected from 173 submissions. The papers are organized in topical sections on corpora and language resources, speech recognition, tagging, classification and parsing of text and speech, speech and spoken language generation, semantic processing of text and speech, integrating applications of text and speech processing, machine translation, automatic dialogue systems, multimodal techniques and modeling.

Essays in the Art of Writing - Robert Louis Stevenson 1905

ICSLP 92 Proceedings - 1992

Critiquing Human Error - Barry G. Silverman 1992
Provides design guidelines for producing successful expert critiquing systems and presents COPE, a critic research testbed. It also unifies the two traditions in the study of human expertise which have been directed towards reducing expert error and judgement bias.

Meaning - Paul Horwich 1998-12-03
What is meaning? Paul Horwich presents an original philosophical theory, demonstrates its richness, and defends it against all comers. At the core of his theory is the idea, made famous by Wittgenstein, that the meaning of a word derives from its use; Horwich articulates this idea in a new way that will restore it to the prominence that it deserves. He surveys the diversity of valuable insights into meaning that have been gained in the twentieth century, and seeks to accommodatethem within his theory. His aim is not to correct a common-sense view of meaning, but to vindicate it: he seeks to take the mystery out of meaning.Horwich's 1990 book Truth stablished itself both as the definitive exposition and defence of a notable philosophical theory, `minimalism', and as a stimulating, straightforward introduction to philosophical debate about truth. Meaning now gives the broader context in which the theory of truth operates, and is published simultaneously with a revised edition of Truth, in which Horwich refines and develops his treatment of the subject in the light of subsequentdiscussions, while preserving the distinctive format which made the book so successful. The two books together present a compelling view of the relations between language, thought, and reality. They will be essential reading for all philosophers of language.

Crystal Structure Refinement - Peter Muller 2006-07-13
Crystal Structure Refinement is a mixture of textbook and tutorial. As A Crystallographers Guide to SHELXL it covers advanced aspects of practical crystal structure refinement, which have not been much addressed by textbooks so far. After an introduction to SHELXL in the first chapter, a brief survey of crystal structure refinement is provided. Chapters three and higher address the various aspects of structure refinement, from the treatment of hydrogen atoms to the assignment of atom types, to disorder, to non-crystallographic symmetry and twinning. One chapter is dedicated to the refinement of macromolecular structures and two short chapters deal with structure validation (one for small molecule structures and one for macromolecules). In each of the chapters the book gives refinement examples, based on the program SHELXL, describing every problem in detail. It comes with a CD-ROM with all files necessary to reproduce the refinements.

Error Detection and Recovery for Syntax Directed Compiler Systems - Ronald Paul Leinius 1970

Dependency Parsing - Sandra Kubler 2009-01-08
Dependency-based methods for syntactic parsing have become increasingly popular in natural language processing in recent years. This book gives a thorough introduction to the methods that are most widely used today. After an introduction to dependency grammar and dependency parsing, followed by a formal characterization of the dependency parsing problem, the book surveys the three major classes of parsing models that are in current use: transition-based, graph-based, and grammar-based models. It continues with a chapter on evaluation and one on the comparison of different methods, and it closes with a few words on current trends and future prospects of dependency parsing. The book presupposes a knowledge of basic concepts in linguistics and computer science, as well as some knowledge of parsing methods for constituency-based representations. Table of Contents: Introduction / Dependency Parsing / Transition-Based Parsing / Graph-Based Parsing / Grammar-Based Parsing / Evaluation / Comparison / Final Thoughts

Disappearing Cryptography - Peter Wayner 2002-05-09
Disappearing Cryptography, Second Edition describes how to take words, sounds, or images and hide them in digital data so they look like other words, sounds, or images. When used properly, this powerful technique makes it almost impossible to trace the author and the recipient of a message. Conversations can be submerged in the flow of information through the Internet so that no one can know if a conversation exists at all. This full revision of the best-selling first edition describes a number of different techniques to hide information. These include encryption, making data incomprehensible; steganography, embedding information into video, audio, or graphics files; watermarking, hiding data in the noise of image or sound files; mimicry, "dressing up" data and making it appear to be other data, and more. The second edition also includes an expanded discussion on hiding information with spread-spectrum algorithms, shuffling tricks, and synthetic worlds. Each chapter is divided into sections, first providing an introduction and high-level summary for those who want to understand the concepts without wading through technical explanations, and then presenting greater detail for those who want to write their own programs. To encourage exploration, the author's Web site www.wayner.org/books/discrypt2/ contains implementations for hiding information in lists, sentences, and images. Each chapter is divided into sections, providing first an introduction and high-level summary for those who want to understand the concepts without wading through technical details, and then an introductory set of details, for those who want to write their own programs. Fully revised and expanded. Covers key concepts for non-technical readers. Goes into technical details for those wanting to create their own programs and implement algorithms.

Appendix to the Journals of the House of Representatives of New Zealand - New Zealand. Parliament. House of Representatives 1907

Syntactic and Structural Pattern Recognition — Theory and Applications - H Bunke 1990-01-01
This book is currently the only one on this subject containing both introductory material and advanced recent research results. It presents, at one end, fundamental concepts and notations developed in syntactic and structural pattern recognition and at the other, reports on the current state of the art with respect to both methodology and applications. In particular, it includes artificial intelligence related techniques, which are likely to become very important in future pattern recognition. The book consists of individual chapters written by different authors. The chapters are grouped into broader subject areas like "Syntactic Representation and Parsing", "Structural Representation and Matching", "Learning", etc. Each chapter is a

self-contained presentation of one particular topic. In order to keep the original flavor of each contribution, no efforts were undertaken to unify the different chapters with respect to notation. Naturally, the self-containedness of the individual chapters results in some redundancy. However, we believe that this handicap is compensated by the fact that each contribution can be read individually without prior study of the preceding chapters. A unification of the spectrum of material covered by the individual chapters is provided by the subject and author index included at the end of the book. Contents:Introduction and Overview (M G Thomason)String Grammars for Syntactic Pattern Recognition (H Bunke)Parsing and Error-Correcting Parsing for String Grammars (E Tanaka)Array, Tree, and Graph Grammars (A Rosenfeld)String Matching for Structural Pattern Recognition (H Bunke)Matching Tree Structures (A Sanfeliu)Matching Relational Structures Using Discrete Relaxation (L G Shapiro & R M Haralick)Random Graphs (A K C Wong et al.)Grammatical Inference (L Miclet)An Algorithm for Inferring Context-Free Array Grammars (P S P Wang & X W Dai)Hybrid Pattern Recognition Methods (H Bunke)Combining Statistical and Structural Methods (W H Tsai)Industrial Applications (H S Baird)Three-Dimensional Object Recognition by Attributed Graphs (E K Wong)Chinese Character Recognition (J W Tai & Y J Liu)Table Driven Parsing for Shape Analysis (T C Henderson & A Samal)A General Purpose Line Drawing Analysis System (R Mohr)ECG Analysis (E Skordalakis) Readership: Graduates, undergraduates, researchers and practising professionals in pattern recognition.

Principles and Practice in Second Language Acquisition - Stephen D. Krashen 1982
The present volume examines the relationship between second language practice and what is known about the process of second language acquisition, summarising the current state of second language acquisition theory, drawing general conclusions about its application to methods and materials and describing what characteristics effective materials should have. The author concludes that a solution to language teaching lies not so much in expensive equipment, exotic new methods, or sophisticated language analysis, but rather in the full utilisation of the most important resources - native speakers of the language - in real communication.

Compiler Construction - William M. Waite 2012-12-06
Compilers and operating systems constitute the basic interfaces between a programmer and the machine for which he is developing software. In this book we are concerned with the construction of the former. Our intent is to provide the reader with a firm theoretical basis for compiler construction and sound engineering principles for selecting alternate methods, imple menting them, and integrating them into a reliable, economically viable product. The emphasis is upon a clean decomposition employing modules that can be re-used for many compilers, separation of concerns to facilitate team programming, and flexibility to accommodate hardware and system constraints. A reader should be able to understand the questions he must ask when designing a compiler for language X on machine Y, what tradeoffs are possible, and what performance might be obtained. He should not feel that any part of the design rests on whim; each decision must be based upon specific, identifiable characteristics of the source and target languages or upon design goals of the compiler. The vast majority of computer professionals will never write a compiler. Nevertheless, study of compiler technology provides important benefits for almost everyone in the field . • It focuses attention on the basic relationships between languages and machines. Understanding of these relationships eases the inevitable tran sitions to new hardware and programming languages and improves a person's ability to make appropriate tradeoft's in design and implementa tion .

Speech & Language Processing - Dan Jurafsky 2000-09

Artificial Neural Networks and Machine Learning – ICANN 2021 - Igor Farkaš 2021-09-11
The proceedings set LNCS 12891, LNCS 12892, LNCS 12893, LNCS 12894 and LNCS 12895 constitute the proceedings of the 30th International Conference on Artificial Neural Networks, ICANN 2021, held in Bratislava, Slovakia, in September 2021.* The total of 265 full papers presented in these proceedings was carefully reviewed and selected from 496 submissions, and organized in 5 volumes. In this volume, the papers focus on topics such as adversarial machine learning, anomaly detection, attention and transformers, audio and multimodal applications, bioinformatics and biosignal analysis, capsule networks and cognitive models. *The conference was held online 2021 due to the COVID-19 pandemic.

The Blue Book of Grammar and Punctuation - Lester Kaufman 2021-04-16
The bestselling workbook and grammar guide, revised and updated! Hailed as one of the best books around for teaching grammar, The Blue Book of Grammar and Punctuation includes easy-to-understand rules, abundant examples, dozens of reproducible quizzes, and pre- and post-tests to help teach grammar to middle and high schoolers, college students, ESL students, homeschoolers, and more. This concise, entertaining workbook makes learning English grammar and usage simple and fun. This updated 12th edition reflects the latest updates to English usage and grammar, and includes answers to all reproducible quizzes to facilitate self-assessment and learning. Clear and concise, with easy-to-follow explanations, offering "just the facts" on English grammar, punctuation, and usage Fully updated to reflect the latest rules, along with even more quizzes and pre- and post-tests to help teach grammar Ideal for students from seventh grade through adulthood in the US and abroad For anyone who wants to understand the major rules and subtle guidelines of English grammar and usage, The Blue Book of Grammar and Punctuation offers comprehensive, straightforward instruction.

Contemporary Issues in End User Computing - Mahmood, Mo Adam 2006-07-31
This book includes empirical and theoretical research concerned with all aspects of end user computing including development, utilization, and management and covering Web-based end user compuing tools and technologies, end user computing software and trends, and end user characteristics and learning.

English Journal - 1999

The Acquisition of English Grammar and Phonology by Cantonese ESL Learners - Alice Yin Wa Chan 2022-12-30
Chan's exploration of the acquisition of English grammar and phonology by Cantonese learners of English as a Second Language (ESL) offers insights into the specific challenges that learners often encounter and posits ways to help them overcome those challenges. Possible sources of the challenges are also examined. The book covers the basic differences between English and Cantonese grammar as well as those between English and Cantonese phonology. Chan discusses the kinds of grammatical and phonological problems that Cantonese ESL learners often have in their acquisition of English. In terms of grammar, various structures are reviewed, including errors which are clearly due to L1 interference and also those which may not be directly L1-related. Learners' common misconceptions about relevant concepts are also revealed. In terms of phonology, both speech perception and speech production problems at the segmental and suprasegmental levels are examined. For learner problems which may be the result of L1 interference, a contrastive approach is adopted in analysing the cause and nature of the errors. Chan also offers readers pedagogical insights to target common grammatical problems, including the use of an algorithmic approach, the use of a discovery-based consciousness-raising approach and the use of metalinguistic explanations. As far as the learning of English phonology is concerned, she argues that the training of speech production should go hand-in-hand with that of speech perception. Future research can experiment with the proposed teaching ideas with Cantonese ESL learners and learners of other native languages. Researchers and ESL teaching professionals will find the insights and research contained within this volume invaluable when encountering or researching Chinese ESL learners.

Parsing Techniques - Dick Grune 2007-10-29
This second edition of Grune and Jacobs' brilliant work presents new developments and discoveries that have been made in the field. Parsing, also referred to as syntax analysis, has been and continues to be an essential part of computer science and linguistics. Parsing techniques have grown considerably in importance, both in computer science, ie. advanced compilers often use general CF parsers, and computational linguistics where such parsers are the only option. They are used in a variety of software products including Web browsers, interpreters in computer devices, and data compression programs; and they are used extensively in linguistics.

Appendix to the Journal of the House of the Representatives - New Zealand. Legislature. House of Representatives 1907

Character Recognition Systems - Mohamed Cheriet 2007-11-27

"Much of pattern recognition theory and practice, including methods such as Support Vector Machines, has emerged in an attempt to solve the character recognition problem. This book is written by very well-known academics who have worked in the field for many years and have made significant and lasting contributions. The book will no doubt be of value to students and practitioners." -Sargur N. Srihari, SUNY Distinguished Professor, Department of Computer Science and Engineering, and Director, Center of Excellence for Document Analysis and Recognition (CEDAR), University at Buffalo, The State University of New York "The disciplines of optical character recognition and document image analysis have a history of more than forty years. In the last decade, the importance and popularity of these areas have grown enormously. Surprisingly, however, the field is not well covered by any textbook. This book has been written by prominent leaders in the field. It includes all important topics in optical character recognition and document analysis, and is written in a very coherent and comprehensive style. This book satisfies an urgent need. It is a volume the community has been awaiting for a long time, and I can enthusiastically recommend it to everybody working in the area." -Horst Bunke, Professor, Institute of Computer Science and Applied Mathematics (IAM), University of Bern, Switzerland In Character Recognition Systems, the authors provide practitioners and students with the fundamental principles and state-of-the-art computational methods of reading printed texts and handwritten materials. The information presented is analogous to the stages of a computer recognition system, helping readers master the theory and latest methodologies used in character recognition in a meaningful way. This book covers: * Perspectives on the history, applications, and evolution of Optical Character Recognition (OCR) * The most widely used pre-processing techniques, as well as methods for extracting character contours and skeletons * Evaluating extracted features, both structural and statistical * Modern classification methods that are successful in character recognition, including statistical methods, Artificial Neural Networks (ANN), Support Vector Machines (SVM), structural methods, and multi-classifier methods * An overview of word and string recognition methods and techniques * Case studies that illustrate practical applications, with descriptions of the methods and theories behind the experimental results Each chapter contains major steps and tricks to handle the tasks described at-hand. Researchers and graduate students in computer science and engineering will find this book useful for designing a concrete system in OCR technology, while practitioners will rely on it as a valuable resource for the latest advances and modern technologies that aren't covered elsewhere in a single book.

Natural Language Processing and Chinese Computing - Lu Wang 2021
This two-volume set of LNAI 13028 and LNAI 13029 constitutes the refereed proceedings of the 10th CCF Conference on Natural Language Processing and Chinese Computing, NLPCC 2021, held in Qingdao, China, in October 2021. The 66 full papers, 23 poster papers, and 27 workshop papers presented were carefully reviewed and selected from 446 submissions. They are organized in the following areas: Fundamentals of NLP; Machine Translation and Multilinguality; Machine Learning for NLP; Information Extraction and Knowledge Graph; Summarization and Generation; Question Answering; Dialogue Systems; Social Media and Sentiment Analysis; NLP Applications and Text Mining; and Multimodality and Explainability.

Handbook of Linguistic Annotation - Nancy Ide 2017-06-16
This handbook offers a thorough treatment of the science of linguistic annotation. Leaders in the field guide the reader through the process of modeling, creating an annotation language, building a corpus and evaluating it for correctness. Essential reading for both computer scientists and linguistic researchers.Linguistic annotation is an increasingly important activity in the field of computational linguistics because of its critical role in the development of language models for natural language processing applications. Part one of this book covers all phases of the linguistic annotation process, from annotation scheme design and choice of representation format through both the manual and automatic annotation process, evaluation, and iterative improvement of annotation accuracy. The second part of the book includes case studies of annotation projects across the spectrum of linguistic annotation types, including morpho-syntactic tagging, syntactic analyses, a range of semantic analyses (semantic roles, named entities, sentiment and opinion), time and event and spatial analyses, and discourse level analyses including discourse structure, co-reference, etc. Each case study addresses the various phases and processes discussed in the chapters of part one.

Report - New Zealand. Department of Education 1906

Readings in Speech Recognition - Alexander Waibel 1990-12-25
After more than two decades of research activity, speech recognition has begun to live up to its promise as a practical technology and interest in the field is growing dramatically. Readings in Speech Recognition provides a collection of seminal papers that have influenced or redirected the field and that illustrate the central insights that have emerged over the years. The editors provide an introduction to the field, its concerns and research problems. Subsequent chapters are devoted to the main schools of thought and design philosophies that have motivated different approaches to speech recognition system design. Each chapter includes an introduction to the papers that highlights the major insights or needs that have motivated an approach to a problem and describes the commonalities and differences of that approach to others in the book.

A Bibliovect Guide to the Literature in English and Theoretical Syntax - Lawrence R. Smith 1981

Language Down the Garden Path - Montserrat Sanz 2013-08-29
"The workshop that originated this book was entitled "Understanding language : forty years down the garden path". It took place in July 2010." --Acknowledgements p. [xii].