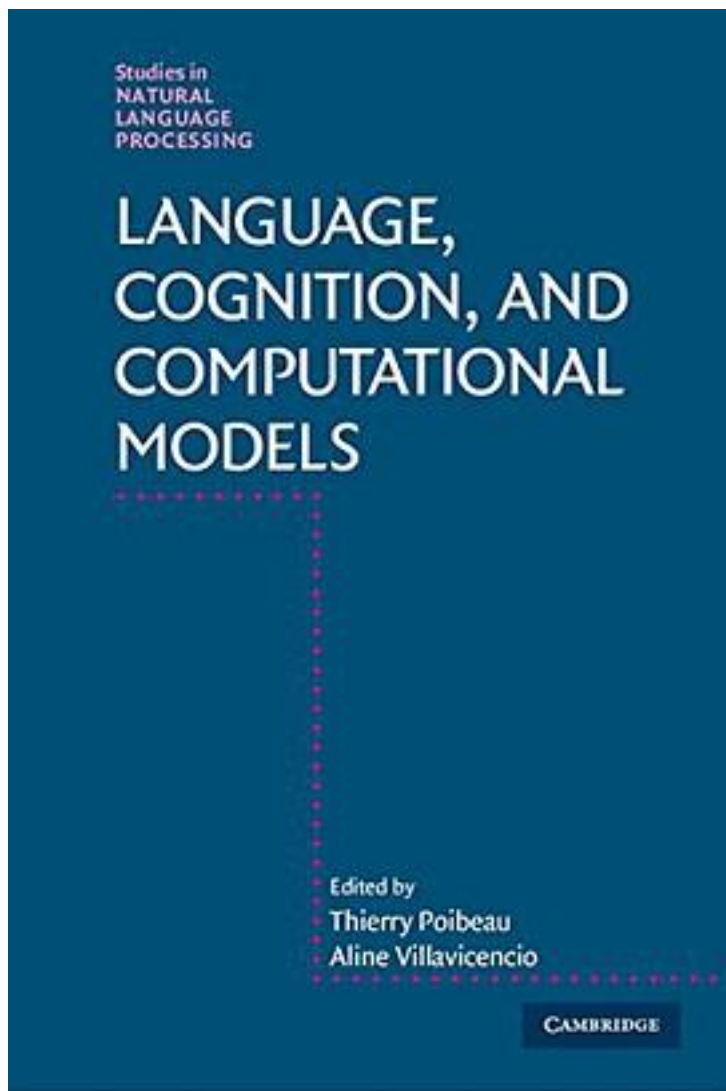


Language, Cognition, and Computational Models



[Language, Cognition, and Computational Models_ 下载链接1](#)

著者:

出版者:Cambridge University Press

出版时间:2017-10-31

装帧:Hardcover

isbn:9781107162228

How do infants learn a language? Why and how do languages evolve? How do we understand a sentence? This book explores these questions using recent computational models that shed new light on issues related to language and cognition. The chapters in this collection propose original analyses of specific problems and develop computational models that have been tested and evaluated on real data. Featuring contributions from a diverse group of experts, this interdisciplinary book bridges the gap between natural language processing and cognitive sciences. It is divided into three sections, focusing respectively on models of neural and cognitive processing, data driven methods, and social issues in language evolution. This book will be useful to any researcher and advanced student interested in the analysis of the links between the brain and the language faculty.

作者介绍:

Thierry Poibeau is Director of Research at Centre National de la Recherche Scientifique (CNRS), Paris and head of the LaTTiCE laboratory in Paris, France. His is also an affiliated lecturer at the Department of Theoretical and Applied Linguistics (DTAL) of the University of Cambridge. He works on natural language processing (NLP), in particular focusing on information extraction, question answering, semantic zoning, knowledge acquisition from text, and named entity tagging.

Aline Villavicencio is a Reader at the Institute of Informatics, Universidade Federal do Rio Grande do Sul, Brazil, and is a fellow of CNPq (Brazil). Her research interests in natural language processing are in computational models of acquisition of linguistic information from data, distributional semantic models, multiword expression, and applications like text simplification and question answering.

目录: A Cognitive Model of Sentence

27

Decoding Language from the Brain

53

Deficit Diagnosis and Dream Research

81

Putting Linguistics Back into Computational Linguistics

101

A Distributional Model of VerbSpecific Semantic Roles

118

Native Language Identification on EFCAMDAT

159

A UtilityBased

185

Between Rousseaus

227

Computer Models

256

A Case Study

289

Index

319

• • • • • ([收起](#))

标签

语言认知

语言学

认知科学

认知建模

计算语言学

计算机

心理学

评论

书评