UG and External Systems
Language, brain and computation
Edited by Anna Maria Di Sciullo

This book explores the interaction of the grammar with the external systems, conceptual-intentional and sensori-motor. The papers in the Language section include configurational analyses of the interface properties of depictives, clitic clusters, imperatives, conditionals, clefts, as well as asymmetries in the structure of syllables and feet. The Brain section discusses questions related to human learning and comprehension of language: the acquisition of compounds, the acquisition of the definite article, the subject/object asymmetry in the comprehension of D-Linked vs. non D-linked questions, the evidence for syntactic asymmetries in American Sign Language, the acquisition of syllable types, and the role of stress shift in the determination of phrase ending. The papers in the Computation section present different perspectives on how the properties of UG can be implemented in a parser; implementations of different theories including configurational selection, incorporation, and minimalism; and the role of statistical and quantitative approaches in natural language processing.

Evidence from ASL and ÖGS for asymmetries in UG
Ronnie B. Wilbur

Acquisition of phonological empty categories: A case study of early child Dutch
Ning Pan and William Snyder

Prosodic cues during online processing of speech: Evidence from stress shift in American English
Matt Bauer

Computation
Morpho-syntax parsing
Anna Maria Di Sciullo and Sandiway Fong

A Minimalist implementation of Hale-Keyser incorporation theory
Sourabh Niyogi and Robert C. Berwick

Minimalist languages and the correct prefix property
Henk Harkema

Computation with probes and goals: A parsing perspective
Sandiway Fong

Deep & shallow linguistically based parsing: Parameterizing ambiguity in a hybrid parser
Rodolfo Delmonte

Towards a quantitative theory of variability
Philippe Blache

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