

## Table of Contents

- Preface
- 1 A guide to the book
- 2 Neuronal structure and function
- 3 From classic aphasia research to modern neuroimaging
- 4 Words in the brain
- Excursus E1 explaining neuropsychological double dissociations
- 5 Regulation, overlap and web tails
- 6 Neural algorithms and neural networks
- 7 Basic syntax
- 8 Synfire chains as the basis of serial order in the brain
- 9 Sequence detectors
- 10 Neuronal grammar
- 11 Neuronal grammar and algorithms
- Excursus E2 basic bits of neuronal grammar
- Excursus E3 a web response to a sentence
- 12 Refining neuronal grammar
- Excursus E4 multiple reverberation for resolving lexical ambiguity
- Excursus E5 multiple reverberations and multiple center embeddings
- 13 Neurophysiology of syntax
- 14 Linguistics and the brain
- References
- Abbreviations
- Author index
- Subject index