

# Contents

|                                                                                                                                |      |
|--------------------------------------------------------------------------------------------------------------------------------|------|
| Contributing authors                                                                                                           | vii  |
| Preface<br><i>Steven Pinker</i>                                                                                                | ix   |
| Acknowledgment                                                                                                                 | xiii |
| 1                                                                                                                              |      |
| Minimising or maximising storage? An introduction<br><i>Sieb Nooteboom, Fred Weerman, and Frank Wijnen</i>                     | 1    |
| <br><b>Part I   Setting the stage</b>                                                                                          |      |
| 2                                                                                                                              |      |
| What's in the lexicon?<br><i>Ray Jackendoff</i>                                                                                | 23   |
| <br><b>Part II   Accessing regular and irregular word forms</b>                                                                |      |
| 3                                                                                                                              |      |
| Dutch inflection: The rules that prove the exception<br><i>Harald Baayen, Robert Schreuder, Nivja de Jong and Andrea Krott</i> | 61   |
| 4                                                                                                                              |      |
| Words, rules and stems in the Italian mental lexicon<br><i>Tessa Say and Harald Clahsen</i>                                    | 93   |

**Part III Changing the rules**

|                                                          |     |
|----------------------------------------------------------|-----|
| 5                                                        |     |
| The balance between storage and computation in phonology | 133 |
| <i>Geert Booij</i>                                       |     |
| 6                                                        |     |
| Computation and storage in language contact              | 157 |
| <i>Pieter Muysken</i>                                    |     |

**Part IV Pronouncing spoken words**

|                                                   |     |
|---------------------------------------------------|-----|
| 7                                                 |     |
| Storage and computation in spoken word production | 183 |
| <i>Ardi Roelofs</i>                               |     |

**Part V Buffering and computing**

|                                                                            |     |
|----------------------------------------------------------------------------|-----|
| 8                                                                          |     |
| Effects of short-term storage in processing rightward movement             | 219 |
| <i>Peter Ackema and Ad Neeleman</i>                                        |     |
| 9                                                                          |     |
| Storage and computation in sentence processing. A neuroimaging perspective | 257 |
| <i>Edith Kaan and Laurie Stowe</i>                                         |     |

**Part VI Computing and storing aspects of discourse**

|                                                     |     |
|-----------------------------------------------------|-----|
| 10                                                  |     |
| Computation and storage in discourse interpretation | 299 |
| <i>Nicholas Asher</i>                               |     |
| Subject Index                                       | 329 |
| Author Index                                        | 339 |

Storage and Computation in the Language Faculty  
Nooteboom, S.G.; Weerman, F.; Wijnen, F.N.K. (Eds.)  
2002, 356 p. 3 illus., Hardcover  
ISBN: 978-1-4020-0526-8