Contents

Figures ix
Tables xi
Preface xiii

1 Introduction 1
1.1 Introduction 2
1.2 What is psycholinguistics? 4
1.3 Who does psycholinguistics? 6
1.4 How do psycholinguists do psycholinguistics? 6
Summary 10
Exercises 11
Further reading 12

2 Planning utterances 13
2.1 Introduction 14
2.2 A sketch of the production process 15
2.3 Conceptualisation and planning 17
2.4 Cycles of planning 20
2.5 Formulation 23
2.6 Sentence complexity 27
2.7 Syntax and speech 29
Summary 34
Exercises 34
Further reading 35

3 Finding words 37
3.1 Introduction 38
3.2 Pausing and predictability 40
3.3 Speech errors and lexical selection 41
3.4 Getting the order wrong 48
3.5 Association norms 49
Summary 50
Exercises 51
Further reading 52

4 Building words 53
4.1 Introduction 54
4.2 Tip-of-the-tongue 55
4.3 Speech errors and morphological structure 56
4.4 Speech errors and phonological encoding 62
4.5 Tongue twisters 67
Summary 68
<table>
<thead>
<tr>
<th>Chapter</th>
<th>Title</th>
<th>Sections</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>Monitoring and repair</td>
<td>5.1 Introduction, 5.2 Self-monitoring, 5.3 Induced errors, 5.4 Repair, 5.5 Editor theories, 5.6 Speakers helping listeners</td>
<td>71, 72, 73, 75, 79, 80</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Summary, Exercises, Further reading</td>
<td>81, 82, 83</td>
</tr>
<tr>
<td>6</td>
<td>The use of gesture</td>
<td>6.1 Introduction, 6.2 Gestures as content, 6.3 Gesturing for discourse management, 6.4 Gestures for emphasis, 6.5 Gestures, conceptualisation and lexicalisation, 6.6 Who do we gesture for?</td>
<td>85, 86, 90, 91, 92, 94</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Summary, Exercises, Further reading</td>
<td>96, 96, 97</td>
</tr>
<tr>
<td>7</td>
<td>Perception for language</td>
<td>7.1 Introduction, 7.2 Basic issues in perception for language, 7.3 Basic issues in speech perception, 7.4 Basic issues in visual perception for language, 7.5 Influence of the linguistic system on perception</td>
<td>99, 100, 105, 109, 113</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Summary, Exercises, Further reading</td>
<td>115, 116, 117</td>
</tr>
<tr>
<td>8</td>
<td>Spoken word recognition</td>
<td>8.1 Introduction, 8.2 What are words?, 8.3 Pre-lexical analysis, 8.4 Contact and activation, 8.5 Selection, 8.6 Lexical access, 8.7 Recognition and context effects, 8.8 Frequency, competition and neighbourhoods, 8.9 Recognising morphologically complex forms</td>
<td>119, 120, 121, 126, 128, 130, 130, 132, 135</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Summary, Exercises, Further reading</td>
<td>137, 138, 138</td>
</tr>
</tbody>
</table>
## 9 Visual word recognition

- **9.1 Introduction** 140
- **9.2 Factors affecting visual word recognition** 140
- **9.3 Models of visual word recognition** 144
- **9.4 Routes to read by** 147
- **9.5 Dyslexia** 152
  - Summary 155
  - Exercises 156
  - Further reading 156

## 10 Syntactic sentence processing

- **10.1 Introduction** 158
- **10.2 Complexity and sentence processing** 158
- **10.3 The clausal hypothesis** 160
- **10.4 Explicit syntactic markers** 163
- **10.5 Strategies for syntactic processing** 164
- **10.6 Garden paths and the sausage machine** 165
- **10.7 Syntactic category ambiguity** 170
- **10.8 Cross-linguistic evidence for processing strategies** 171
  - Summary 174
  - Exercises 174
  - Further reading 175

## 11 Interpreting sentences

- **11.1 Introduction** 178
- **11.2 Meaning and sentence processing** 178
- **11.3 Syntax first** 180
- **11.4 Presuppositions, plausibility and parsing** 182
- **11.5 Lexical preferences** 184
- **11.6 Prosody and parsing** 189
- **11.7 Constraint-based accounts** 192
- **11.8 Hybrid accounts** 194
- **11.9 Good-enough processing** 195
  - Summary 196
  - Exercises 197
  - Further reading 198

## 12 Making connections

- **12.1 Introduction** 200
- **12.2 Mental model building** 200
- **12.3 Inferences** 202
- **12.4 Anaphora** 203
- **12.5 Given and new** 206
- **12.6 Fillers and gaps** 208
  - Summary 214
  - Exercises 215
  - Further reading 216
13 Architecture of the language processing system 217
  13.1 Introduction 218
  13.2 Modularity within language processing 218
  13.3 The relationship of production and comprehension 223
  13.4 The relationship of visual and spoken language 226
  13.5 Language and other processing systems 228
  13.6 Language and the brain 231
      Summary 233
      Exercises 233
      Further reading 234

Glossary 235
References 255
Index 269