	face v to use this book	x xiii
SEC	CTION A: INTRODUCTION	1
1.	The study of language	3
	Introduction	3
	What is language and how did it	
	originate?	5
	The history and methods of	
	psycholinguistics	11
	Themes and controversies in modern	
	psycholinguistics	19
	Summary	24
	Some questions to think about	25
	Further reading	25
2.	Describing language	27
	Introduction	27
	How to describe speech sounds	27
	Linguistic approaches to syntax	33
	Summary	42
	Some questions to think about	43
	Further reading	43
SEC	CTION B: THE BIOLOGICAL	
	D DEVELOPMENTAL BASES	
OF	LANGUAGE	45
3.	The foundations of language	47
	Introduction	47

Do animals have language?	47
The biological basis of language	60
The cognitive basis of language:	
The cognition hypothesis	70
The social basis of language	7 7
What is the relation between	
language and thought?	79
Summary	88
Some questions to think about	89
Further reading	89
4. Language development	91
Introduction	91
The driving forces of language	
development	93
Phonological development	105
Semantic development	109
Early syntactic development	118
Summary	128
Some questions to think about	129
Further reading	129
5. Bilingualism and second language	
acquisition	131
Introduction	131
Bilingualism	131
Second language acquisition	135
Summary	138
Some questions to think about	138
Further reading	138

SECTION C: WORD RECOGNITION		139
6.	Recognizing visual words	141
	Introduction	141
	Methods and findings	142
	Meaning-based facilitation of visual	
	word recognition	156
	Morphology: Processing complex words	160
	Models of visual word recognition	162
	Lexical ambiguity	168
	Summary	176
	Some questions to think about	177
	Further reading	177
_	-	
7.	Reading	179
	Introduction	179
	A preliminary model of reading	181
	The processes of normal reading	182
	The neuropsychology of adult reading	100
	disorders: Acquired dyslexia	189
	Models of word naming	195
	Learning to read and spell	206
	Summary	216
	Some questions to think about	217
	Further reading	217
8.	Understanding speech	219
	Introduction	219
	Recognizing speech	219
	Models of speech recognition	228
	The neuropsychology of spoken	
	word recognition	240
	Summary	241
	Some questions to think about	242
	Further reading	242
SEG	CTION D: MEANING AND	
	YOND	243
9.	Understanding the structure of	
	sentences	245
	Introduction	245
	Coping with structural ambiguity	247
	Early work on parsing	248
	Processing structural ambiguity	254
	Gaps, traces, and unbounded	
	dependencies	267

	The neuropsychology of parsing	269
	Summary	273
	Some questions to think about	274
	Further reading	274
	Turther reading	217
10	Word meaning	275
10.	Introduction	275
	Classic approaches to semantics	277
	Semantic networks	278
	Semantic features	281
	Family resemblance and classification	288
	Combining concepts	292
	Processing figurative language	293
	The neuropsychology of semantics	294
	Connectionist approaches to semantics	303
	Summary	307
	Some questions to think about	309
	Further reading	309
	Turner reading	307
11	Comprehension	311
11.	Introduction	311
	Memory for text and inferences	313
	Reference, coreference, and ambiguity	322
	Models of text representation and	
	processing	327
	Individual differences in	
	comprehension skills	335
	Pragmatics	337
	The structure of conversation	341
	The neuropsychology of text and	
	discourse processing	342
	Summary	343
	Some questions to think about	344
	Further reading	345
	C	
O.E.	CTION E: PRODUCTION AND	
	HER ASPECTS OF LANGUAGE	347
O1	HER ASI ECTS OF LANGUAGE	341
12	Language production	349
~-•	Introduction	349
	Speech errors	351
	Syntactic planning	352
	Lexicalization	359
	Phonological encoding	371
	The analysis of hesitations	374
	The neuropsychology of speech	
	production	376
	•	

	~ tallilling)	•
	Some questions to think about	389
	Further reading	389
13.	The structure of the language	
	system	391
	Introduction	391
	What are the modules of language?	392
	How many lexicons are there?	393
	Language and short-term memory	398
	Summary	402
	Some questions to think about	403
	Further reading	403
14.	New directions	405

386

387

405

Writing and agraphia

Summary

Introduction

Themes in psycholinguistics revisited	405
Some growth areas?	408
Conclusion	409
Further reading	410
5 · · · · · · · · · · · · · · · · · · ·	
Appendix: Connectionism	411
Interactive activation models	411
Back-propagation	413
Further reading	415
i didici roddiig	• • • • • • • • • • • • • • • • • • • •
Glossary	417
Example of sentence analysis	426
Example of sentence analysis	720
D. C	427
References	
Author index	507
Subject index	000