

Contents

Editors' preface	page ix
List of contributors	x
1 Cognitive neuroscience: an overview <i>Joseph E. LeDoux and William Hirst</i>	1
Part I Perception	
2 The psychology of perception <i>James E. Hoffman</i>	7
3 The neurobiology of perception <i>Richard T. Marrocco</i>	33
4 A neurobiological view of the psychology of perception <i>Richard T. Marrocco</i>	80
A psychologist's reply <i>James E. Hoffman</i>	89
5 A psychological view of the neurobiology of perception <i>James E. Hoffman</i>	91
A neurobiologist's reply <i>Richard T. Marrocco</i>	100
Part II Attention	
6 The psychology of attention <i>William Hirst</i>	105
7 The neurobiology of attention <i>David Lee Robinson and Steven E. Petersen</i>	142
8 A neurobiological view of the psychology of attention <i>David Lee Robinson and Steven E. Petersen</i>	172
A psychologist's reply <i>William Hirst</i>	178
9 A psychological view of the neurobiology of attention <i>William Hirst</i>	180
A reply from neurobiologists <i>David Lee Robinson and Steven E. Petersen</i>	185

Part III Memory

10	The psychology of memory <i>Daniel L. Schacter</i>	189
11	The neurobiology of memory <i>Michael Gabriel, Steven P. Sparenborg, and Neal Stolar</i>	215
12	A neurobiological view of the psychology of memory <i>Michael Gabriel, Steven P. Sparenborg, and Neal Stolar</i>	255
	A psychologist's reply <i>Daniel L. Schacter</i>	263
13	A psychological view of the neurobiology of memory <i>Daniel L. Schacter</i>	265
	A reply from neurobiologists <i>Michael Gabriel, Steven P. Sparenborg, and Neal Stolar</i>	270

Part IV Emotion

14	The psychology of emotion <i>Ross Buck</i>	275
15	The neurobiology of emotion <i>Joseph E. LeDoux</i>	301
16	A neurobiological view of the psychology of emotion <i>Joseph E. LeDoux</i>	355
	A psychologist's reply <i>Ross Buck</i>	359
17	A psychological view of the neurobiology of emotion <i>Ross Buck</i>	361
	A neurobiologist's reply <i>Joseph E. LeDoux</i>	366
18	Cognitive neuroscience: final considerations <i>William Hirst and Joseph E. LeDoux</i>	368
	References	379
	Author index	429
	Subject index	438