Brief Contents [

- 1 Introduction to Perception 3
- 2 Basic Principles of Sensory Physiology 2
- 3 The Eye and Retina 39
- 4 The Visual Cortex and Beyond 67
- 5 Perceiving Objects and Scenes 89
- 6 Visual Attention 123
- 7 Taking Action 149
- 8 Perceiving Motion 175
- 9 Perceiving Color 197
- 10 Perceiving Depth and Size 229
- 11 Hearing 263
- 12 Hearing in the Environment 291
- 13 Perceiving Music 311
- 14 Perceiving Speech 335
- 15 The Cutaneous Senses 357
- 16 The Chemical Senses 389

APPENDIX

- A The Difference Threshold 417
 - B Magnitude Estimation and the Power Function 418
- C The Signal Detection Approach 420

Glossary 426 References 445

Name Index 472