Conceptual Foundations

- 1. Cognitive Neuroscience: The Seeds are Sown 1
- 2. Why Cognitive Neuroscience? 43
- 3. Bridging the Theoretical Gap: from the Brain to Cognitive Theory 67
- 4. From Cognitive Impairment to Cognitive Models 109
- 5. Inferences to the Functional Architecture from Functional Imaging 151

Basic Processes

6. On the Semantic Elements in Thought 199

- 7. Short-term Retention, Buffers, Priming, and Working Memory 243
- 8. On Operations 289

Higher-Level Supervisory Processes

- 9. On Supervisory Processes 337
- 10. Higher Level Modulatory Processes: Episodic Memory 385
- 11. Consciousness 427
- 12. Thinking 463
 - References 505
 - Index 573