

Contents

	Foreword by <i>Antonio Fernandez de Molina and Pedro Lain Entralgo</i>	vii
	Introduction	ix
1	The Brain as a Closed System Modulated by the Senses <i>R. Llinás and D. Paré</i>	1
2	Making Images and Creating Subjectivity <i>A. R. Damasio and H. Damasio</i>	19
3	Illusions of Body Image: What They Reveal About Human Nature <i>V. S. Ramachandran, L. Levi, L. Stone, D. Rogers-Ramachandran, R. McKinney, M. Stalcup, G. Arcilla, R. Zweifler, A. Schatz, and A. Flippin</i>	29
4	Neural Representations, Experience, and Change <i>M. M. Merzenich and R. C. deCharms</i>	61
5	Neurotransmitter Receptor Regulation and Its Role in Synaptic Plasticity and Stabilization <i>P. W. Hickmott and M. Constantine-Paton</i>	83
6	Neuronal Synchronization: A Solution to the Binding Problem? <i>W. Singer</i>	101
7	The Binding Problem of Neural Networks <i>C. von der Malsburg</i>	131
8	Recognition and Representation of Visual Objects in Primates: Psychophysics and Physiology <i>N. K. Logothetis and D. L. Sheinberg</i>	147

9	Olfactory Perception and Memory	173
	<i>H. Eichenbaum</i>	
10	Perceptual Interpretation and the Neurobiology of Perception	203
	<i>A. S. Bregman</i>	
11	Formation of Perceptual Objects from the Timing of Neural Responses: Target-Range Images in Bat Sonar	219
	<i>J. A. Simmons</i>	
12	Audition: Cognitive Psychology of Music	251
	<i>S. McAdams</i>	
13	Toward a Neurobiology of the Mind	281
	<i>P. S. Churchland</i>	
	Contributors	305
	Index	307