

Contents

Human Neuroanatomy Relevant to Decision-Making <i>H. Damasio</i>	1
Morphological Correlations of Human and Monkey Frontal Lobe <i>D.N. Pandya and E.H. Yeterian</i>	13
Frontal Lobe and the Cognitive Foundation of Behavioral Action <i>J.M. Fuster</i>	47
Neural Mechanisms Supporting Successful Social Decisions in Simians <i>M. Raleigh, M. McGuire, W. Melega, S. Cherry, S.-C. Huang,</i> <i>and M. Phelps</i>	63
Neural Basis of Decision in Perception and in the Control of Movement <i>A. Berthoz</i>	83
How the Basal Ganglia Make Decisions <i>G.S. Berns and T.J. Sejnowski</i>	101
The Will of the Brain: Cerebral Correlates of Willful Acts <i>D.H. Ingvar</i>	115
Neuronal Models of Cognitive Functions Associated with the Prefrontal Cortex <i>J.-P. Changeux and S. Dehaene</i>	125
The Biological Causes of Irrationality <i>N.S. Sutherland</i>	145
Neuropsychological Approaches to Reasoning and Decision-Making <i>R. Adolphs, D. Tranel, A. Bechara, H. Damasio, and A.R. Damasio</i>	157

Feeling Reasons	
<i>P.S. Churchland</i>	181
Epilogue: Models of Decision-Making	
<i>J. Altman</i>	201
Subject Index	207