



Reward and Decision Making in Corticobasal Ganglia Networks (Paperback)

By -

New York Academy of Sciences, United States, 2007. Paperback. Condition: New. New. Language: English . Brand New Book ***** Print on Demand *****.The neural bases of decision-making processes are currently generating considerable experimental and theoretical interest. Several recent developments in neuroscience, psychology, and economics have helped to focus thinking on this issue: the computational description of cortico-striatal networks in terms of reinforcement learning models, recognition that midbrain dopaminergic activity could reflect an error correction learning signal, improvements in imaging technology, the recognition that multiple controllers of actions and of values contribute to the development of adaptive behavior, and the recognition that theories of value derived from economics can provide a principled means of incorporating intangible factors such as risk, uncertainty, and temporal discounting into computational models of neural system. The contributions to this volume are forward-looking assessments of the current and future issues likely to be faced by researchers in this area. Four current issues are specifically addressed: - the degree to which distinct behavioral and psychological capacities map onto discrete neural systems; - the relationship between midbrain dopamine activity and reward in terms of phasic and tonic activity, prefrontal and striatal targets, and whether and what limits exist in...



READ ONLINE
[9.43 MB]

Reviews

These kinds of pdf is the greatest ebook accessible. It is one of the most amazing ebook i have got go through. Your life span will likely be transform once you comprehensive reading this article publication.

-- **Santa Lowe**

Extensive information for ebook fans. it was writtern very flawlessly and useful. You are going to like just how the author publish this pdf.

-- **Jarrold Prosacco**