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| Descrizione fisica | 1 online resource (465 p.) |
| Altri autori (Persone) | MarsRogier B |
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| Soggetti | Motivation (Psychology) - Physiological aspects Cognition - Physiological aspects Frontal lobes |
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| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Description based upon print version of record. |
| Nota di bibliografia | Includes bibliographical references and index. |
| Nota di contenuto | Neuroanatomical basis of motivational and cognitive control : a focus on the medial and lateral prefrontal cortex / Sallet ... [et al.] -- Neural circuits of reward and decision making : integrative networks across cortico-basal ganglia loops / Haber -- Neurochemistry of performance monitoring / Ullsperger -- Contributions of ventromedial prefrontal and frontal polar cortex to reinforcement learning and value-based choice / Boorman and Noonan -- Decision-making in frontal cortex : from single-units to fMRI / Kennerley and Tobler -- A comparative perspective on executive and motivational control by the medial prefrontal cortex / Laubach -- Top-down control over the motor cortex / Mars, Neubert, and Rushworth -- A role for posterior cingulate cortex in policy switching and cognitive control / Pearson, Hayden, and Platt -- Subcortical contributions to the motivational and cognitive control of instrumental performance by Pavlovian and discriminative stimuli / Liljeholm and O'Doherty -- The influence of dopamine in generating action from motivation / Walton, Gan, and Phillips -- Fronto-basal-ganglia circuits for stopping action / Greenhouse, Swann, and Aron -- Learning, the P3, and the locus coeruleus-norepinephrine system / |

Nieuwenhuis -- The neurocognitive development of social decision-making / Van den Bos and Crone -- Motivational modulation of action control : how inter-individual variability may shed light on the motivation-control interface and its neurocognitive mechanisms / Ridderinkhof, Cohen, and Forstmann -- Pathological changes in performance monitoring / De Bruijn and Ullsperger -- Neural correlates of hierarchical reinforcement learning / Ribas-Fernandes, Niv, and Botvinick -- Reinforcement learning, conflict monitoring, and cognitive control : an integrative model of cingulate-striatal interaction and the ERN / Cockburn and Frank -- An integrative theory of anterior cingulate cortex function : option selection in hierarchical reinforcement learning / Holroyd and Yeung -- Meta-learning, cognitive control, and physiological interactions between medial and lateral prefrontal cortex / Khamassi ... [et al.] -- Wherefore a horse race : inhibitory control as rational decision-making / Shenoy and Yu -- The neuroeconomics of cognitive control / Chierchia and Coricelli -- Frames of reference in human social decision making / Hunt and Behrens -- Model-based approaches to the study of the neural basis of cognitive control / Bestmann and Mars.

Sommario/riassunto

This volume offers a range of perspectives on a simple problem How does the brain choose efficiently and adaptively among options to ensure coherent, goal-directed behaviour?
