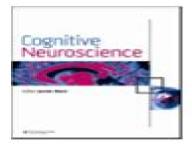
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The cognitive neuroscience of memory

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The Cognitive Neuroscience Of Memory An Introduction

Scott D. Slotnick

The Cognitive Neuroscience Of Memory An Introduction:

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of memory Cognitive Neuroscience of Memory Scott D. Slotnick, 2017 **Cognitive Neuroscience of Memory Consolidation** Nikolai Axmacher, Björn Rasch, 2017-02-09 This edited volume provides an overview the state of the art in the field of cognitive neuroscience of memory consolidation In a number of sections the editors collect contributions of leading researchers The topical focus lies on current issues of interest such as memory consolidation including working and long term memory In particular the role of sleep in relation to memory consolidation will be addressed The target audience primarily comprises research experts in the field of cognitive neuroscience but the book may also be beneficial for graduate The Cognitive Neurosciences Michael S. Gazzaniga, 2009-09-18 The fourth edition of The Cognitive students Neurosciences continues to chart new directions in the study of the biologic underpinnings of complex cognition the relationship between the structural and physiological mechanisms of the nervous system and the psychological reality of the mind The material in this edition is entirely new with all chapters written specifically for it Book Jacket Cognitive Neuroscience Iiro Jääskeläinen, 2012 **Learning & Memory** Howard Eichenbaum, 2008 In Learning Memory leading researcher Howard Eichenbaum provides a new fashioned synthesis of the contemporary learning and memory fields

The Cognitive Neuroscience of Memory Amanda Parker, Edward L. Wilding, Timothy J. Bussey, 2013-10-31 Recent advances in techniques available to memory researchers have led to a rapid expansion in the field of cognitive neuroscience of memory This book provides accessible coverage of four key areas of recent advance including research on functional imaging electrophysiological and lesion studies and developments from the computational modelling approach The first section reviews functional imaging studies in humans with particular emphasis on how imaging methods have clarified the cortical areas involved in memory formation and retrieval The second section describes electrophysiological and lesion research in monkeys where lesion and disconnection studies are rapidly adding to our knowledge of both information processing and modulatory aspects of memory formation In the third section electrophysiological and lesion studies in rats are reviewed allowing for a detailed study of the role of novelty and exploration in memory formation The final section reviews current research in computational modelling which has allowed the development of new theoretical and experimental approaches to the study of memory encoding and retrieval This volume draws together the current developments in each field allowing the synthesis of ideas and providing converging evidence from a range of sources It will be a useful resource for both advanced undergraduate and postgraduate students of psychology as well as researchers in the field and anyone with an interest in cognitive neuroscience Cognition, Brain, and Consciousness Bernard J. Baars, Nicole M. Gage, 2007-06-05 A textbook for psychology neuroscience pre medical students and everybody interested in the neuroscience of cognition A wave of new research is transforming our understanding of the human mind and brain Many educational fields now require a basic understanding of the new topic of cognitive neuroscience However available textbooks are written more for biology audiences than for psychology and related majors This text aims to bridge that gap A

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