Gateway to Memory - An Introduction to Neural Network Modeling of the Hippocampus and Learning (Issues in Clinical and Cognitive Neuropsychology)

The MIT Press - Gateway to Memory: An Introduction to Neural Network Modeling of the Hippocampus and Learning

Description: -

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Japan -- Fiction.
Man-woman relationships -- Fiction.
Neural networks (Neurobiology)
Memory
Hippocampus (Brain)
Computer simulation
Life Sciences - Anatomy & Physiology
Medical / Neuroscience
Neuroscience
Neuropsychology
Psychology
Science
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Neurology & clinical neurophysiology
Neural Networks
Computer modelling & simulation
Cognition & cognitive psychologyGateway to Memory - An Introduction to Neural Network Modeling of the Hippocampus and Learning (Issues in Clinical and Cognitive Neuropsychology)
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Notes: -
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Tags: #Hippocampus #memory

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Packed with care, shipped promptly. It emphasizes the function of brain structures as they give rise to behavior, rather than the molecular or neuronal details.

GATEWAY TO MEMORY AN INTRODUCTION TO NEURAL NETWORK MODELING OF THE HIPPOCAMPUS AND LEARNING ISSUES IN CLINICAL AND COGNITIVE NEUROPSYCHOLOGY

Explicit memory There are three areas of the brain involved in explicit memory: the hippocampus, the neo-cortex and the amygdala. Nonetheless, the hippocampus may be specialized for allocentric topographical processing which impacts on short-term memory or even perception Spatial memory and declarative memory are not the only functions of the hippocampus; it is also believed to interact with certain parts of the amygdala when it comes to anxiety and depression.

Gateway To Memory An Introduction To Neural Network Modeling Of The Hippocampus And Learning Issues In Clinical PDF Book

And just like actual hard drives, we can boost its performance. The first part provides a tutorial introduction to topics in neuroscience, the psychology of learning and memory, and the theory of neural network models.

Gateway to Memory

Oscillatory activity in the monkey hippocampus during visual exploration and memory formation Miller Lab Neuroscience Jutras et al find a relationship between hippocampal theta and visual exploration via saccadic eye movements The hippocampus is a structure that is vital to learning and the of memory. Mice who swam nearly every day for five weeks didn't develop memory impairment despite getting infusions of beta amyloid — however, blocking irisin completely eliminated the benefits of swimming. It may have marks on or in it, and may show other signs of previous use or shelf wear.

Gateway To Memory An Introduction To Neural Network Modeling Of The Hippocampus And Learning Issues In Clinical PDF Book

File Name: gateway to memory an introduction to neural network modeling of the hippocampus and learning issues in clinical and cognitive neuropsychology. Hippocampus, region of the brain that is associated primarily with memory.

Hippocampus memory

The brain structures that make up the limbic system play a major role in how one experiences certain emotions fear and anger , motivations, and memory.

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