



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

*Mark A. Gluck, Catherine E. Myers*

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## **Gateway to Memory: An Introduction to Neural Network Modeling of the Hippocampus and Learning (Issues in Clinical and Cognitive Neuropsychology)** Mark A. Gluck, Catherine E. Myers

This book is for students and researchers who have a specific interest in learning and memory and want to understand how computational models can be integrated into experimental research on the hippocampus and learning. It emphasizes the function of brain structures as they give rise to behavior, rather than the molecular or neuronal details. It also emphasizes the process of modeling, rather than the mathematical details of the models themselves. The book is divided into two parts. The first part provides a tutorial introduction to topics in neuroscience, the psychology of learning and memory, and the theory of neural network models. The second part, the core of the book, reviews computational models of how the hippocampus cooperates with other brain structures -- including the entorhinal cortex, basal forebrain, cerebellum, and primary sensory and motor cortices -- to support learning and memory in both animals and humans. The book assumes no prior knowledge of computational modeling or mathematics. For those who wish to delve more deeply into the formal details of the models, there are optional "mathboxes" and appendices. The book also includes extensive references and suggestions for further readings.

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Playing with family within a park, coming to see the marine world or hanging out with friends is thing that usually you will have done when you have spare time, in that case why you don't try factor that really opposite from that. 1 activity that make you not sensation tired but still relaxing, trilling like on roller coaster you have been ride on and with addition details. Even you love Gateway to Memory: An Introduction to Neural Network Modeling of the Hippocampus and Learning (Issues in Clinical and Cognitive Neuropsychology), you may enjoy both. It is excellent combination right, you still need to miss it? What kind of hang type is it? Oh come on its mind hangout people. What? Still don't have it, oh come on its called reading friends.

**Helen Albertson:**

The book untitled Gateway to Memory: An Introduction to Neural Network Modeling of the Hippocampus and Learning (Issues in Clinical and Cognitive Neuropsychology) contain a lot of information on the idea. The writer explains her idea with easy method. The language is very straightforward all the people, so do not really worry, you can easy to read this. The book was authored by famous author. The author gives you in the new age of literary works. It is easy to read this book because you can read more your smart phone, or model, so you can read the book within anywhere and anytime. If you want to buy the e-book, you can open their official web-site and also order it. Have a nice examine.

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