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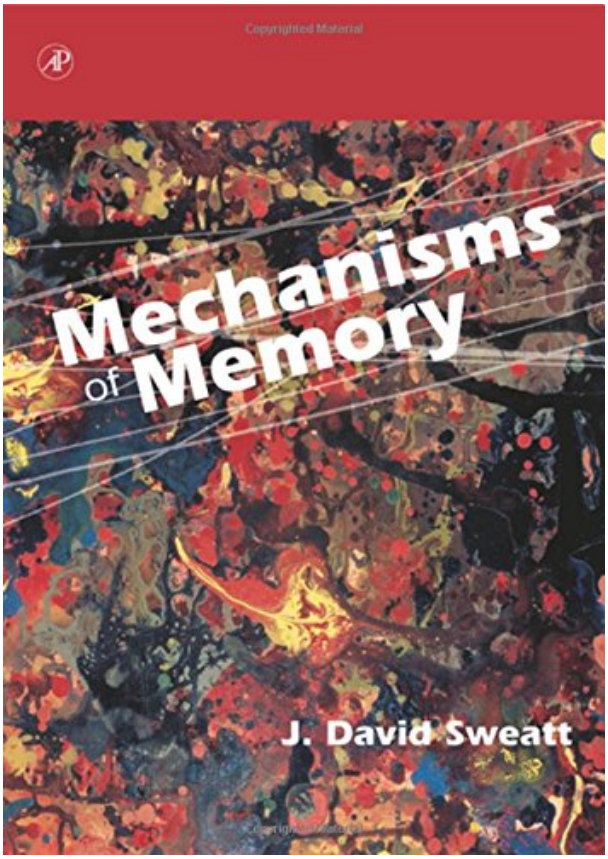

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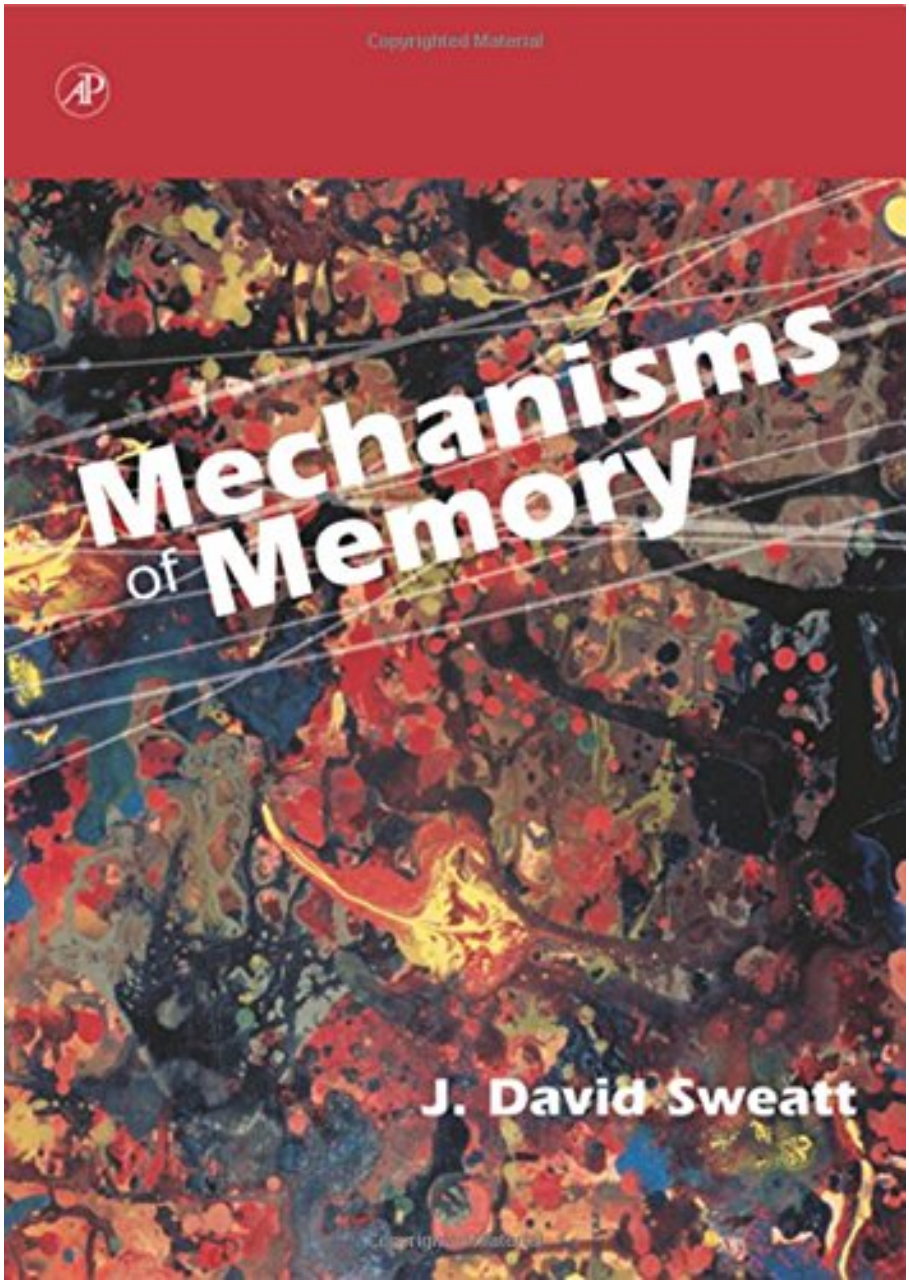

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Review
"The book is well written and includes interesting and illustrative text inserts as well as colorful fugures with detailed explanations. Mechanisms of Memory is a successful integration of recent discoveries and technological advances applied to learning and memory at many different levels that will appeal to its target audience of advanced undergraduates and graduates across a number of disciplines."
--AMERICAN JOURNAL OF PSYCHIATRY (November 2005, 162:11)

"This is an exceptional book in more than one aspect. David Sweatt has written a monograph in which long term potentiation (LTP) is central issue. However, this book is not an endless presentation of all the numerous experiments into a context of learning and memory...the book presents a real opportunity for the advanced student, and the interested scientists, to learn more about LTP and how to put it into a perspective...The illustrations in the book are of high quality, informative and to the point. Every chapter is introduced at an abstract level, the last item I wanted to mention which makes this a special book, bringing long term reminiscences of Rothko and Pollock."
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From the Back Cover

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- Five new chapters cover human learning and memory, the molecular and cellular basis of associative learning, Aplysia non-associative learning, the NMDA receptor, and experimental design
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* Presents a unified view of memory mechanisms from behavior to genes and drawing examples from many different brain regions, types of learning, and various animal model systems
* Includes numerous practical examples for the new investigator on how to implement research program in the area of learning and memory
* Provides a balanced treatment of the strengths and weaknesses in modern experimental design

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Mechanisms of Memory

By The Rubes
Intermediate level introduction to concepts in learning and memory, and long term potentiation of the hippocampus. Written in a clear and personal style, covers many of the major topics and contributors to the field. David Sweatt is certainly a leading authority on the topic and his presentation of the varied aspects of memory research is enjoyable as it is informative. Although this edition (2003)is now superseded by the 2009 edition, the issues are still relevant - making this edition a good buy for those who wish to save money.

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By xuefu zhong
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