

The Mind Within the Net



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出版者:Mit Pr

出版时间:2000

装帧:HRD

isbn:9780262194068

Neurophysiology has told us a lot about how neurons work; neural network theory is about how neurons work together to process information. In this highly readable book, Manfred Spitzer provides a basic, nonmathematical introduction to neural networks and their clinical applications. Part I explains the fundamental theory of neural networks and how neural network models work. Part II covers the principles of network functioning and how computer simulations of neural networks have profound consequences for our understanding of how the brain works. Part III covers applications of network models (e.g., to knowledge representation, language, and mental disorders such as schizophrenia and Alzheimer's disease) that shed new light on normal and abnormal states of mind. Finally, Spitzer concludes with his thoughts on the ramifications of neural networks for the understanding of neuropsychology and human nature.

作者介绍:

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标签

脑科学

评论

今年（虽然才第15天）读过的最有意思的一本书，can't recommend enough!! 吹爆!!

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书评

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