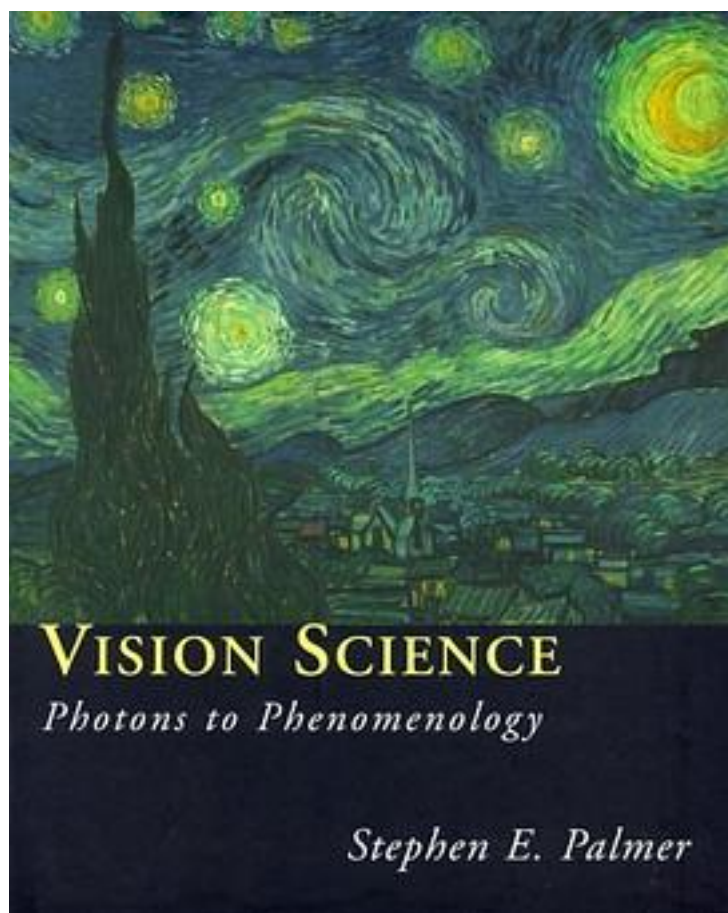# Vision Science

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著者:Stephen E. Palmer

出版者:The MIT Press

出版时间:1999-05-07

装帧:Hardcover

isbn:9780262161831

This book revolutionizes how vision can be taught to undergraduate and graduate students in cognitive science, psychology, and optometry. It is the first comprehensive textbook on vision to reflect the integrated computational approach of modern research scientists. This new interdisciplinary approach, called "vision science,"

integrates psychological, computational, and neuroscientific perspectives.The book covers all major topics related to vision, from early neural processing of image structure in the retina to high-level visual attention, memory, imagery, and awareness. The presentation throughout is theoretically sophisticated yet requires minimal knowledge of mathematics. There is also an extensive glossary, as well as appendices on psychophysical methods, connectionist modeling, and color technology. The book will serve not only as a comprehensive textbook on vision, but also as a valuable reference for researchers in cognitive science, psychology, neuroscience, computer science, optometry, and philosophy.

作者介绍:

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标签

vision

心理学

视觉感知

计算机视觉

认知神经科学

视觉

neuroscience

perception

评论

这次停在了第9章，以后慢慢看吧。

极好.

浏览 以备查

非常清晰和系统的介绍，如果能出更新版就好了。

通俗易懂，李武老师推荐。

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one of the best textbook for vision science.

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old, but good.^_^

工具书的集大成者。

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书评

认真看的第一本有关Vision的书……看了一年多还没看完，复印以后两大厚本呢……
我唯一比较感兴趣的是作者是个gay……

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