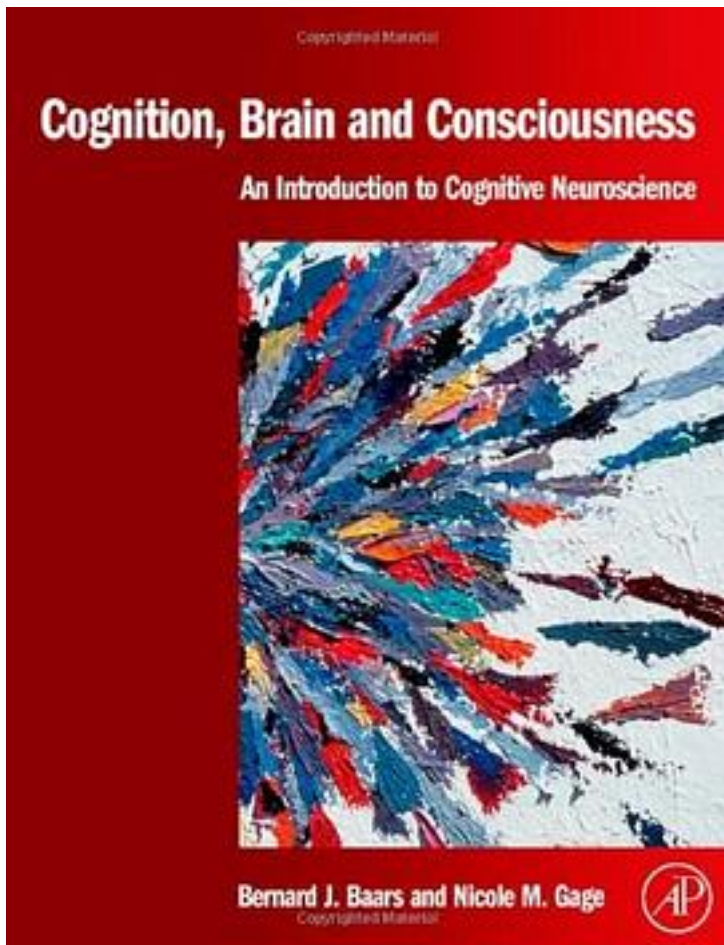


Cognition, Brain, and Consciousness



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著者:Bernard J. Baars

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在线阅读本书

A textbook for psychology, neuroscience, pre-medical students, and everybody

interested in the neuroscience of cognition. A wave of new research is transforming our understanding of the human mind and brain. Many educational fields now require a basic understanding of the new topic of cognitive neuroscience. However, available textbooks are written more for biology audiences than for psychology and related majors. This text aims to bridge that gap. A background in biology of neuroscience is not required. The thematic approach builds on widely understood concepts in psychology, such as working memory, selective attention, and social cognition. Edited by two leading experts in the field, the book guides the reader along a clear path to understand the latest findings. A support website at <http://textbooks.elsevier.com> provides all figures in electronic format with export to Powerpoint, as well as supplementary material including movies and support material for teachers and students. (note: support website will be available after June 10, 2007) FEATURES *

- * Written specifically for psychology, pre-medical, education and neuroscience undergraduate and graduate students
- * The thematic approach builds on on accepted concepts, not presuming a background in neuroscience or biology
- * Ancillary material includes a companion website and Learning Guide for students
- * Includes two Appendices on brain imaging and neural networks written by Thomas Ramsoy and Igor Aleksander
- * Introduces the brain in a step-by-step, readable style, with gradually increasing sophistication
- * Richly illustrated in full color with clear and detailed drawings that build the brain from top to bottome, simplifying the layout of the brain for students
- * Pedagogy includes exercises and study questions at the end of each chapter, including drawing exercises

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作者介绍:

两位主编Bernard J. Baars和Nicole

M. Gage分别为“注意和知觉”及“听觉和言语感知”领域的权威, 其他知名作者有Morris Moscovitch (记忆)、Frank Tong (视觉)、Mark H. Johrison (儿童脑发展)、Elkhonon Goldberg (执行功能)、Igor Aleksander (神经网络) 和Thomas Ramsay (脑成像方法) 等。

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标签

认知科学

脑神经科学

认知神经科学

没想到还要新的标签

心理学

大脑

Pause

Neuroscience

评论

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书评

01 你一定在生活中经常遇到这样的场景：
某个人试图劝说一个瘾君子戒烟，他摆出各种证据：“你看，某某数据表明，吸烟对健康的危害如下……”
结果对方立刻反唇相讥，“别扯了！你看我们隔壁的某某，从16岁开始抽烟，一直到现在已经81岁了，看上去还是很结实！”或者搬出那个...

科技的进步，让我们有机会从组织，细胞，分子角度去认识人。作者将有关视觉，听觉

，嗅觉，控制，语言，学习，等等一系列的能力的研究集成在一起，这些研究主要从最基本（至少目前）的生物物理分析，而不仅仅是从现象去推测，在这一点上，非常支持作者的做法。这里面，还有大量...

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