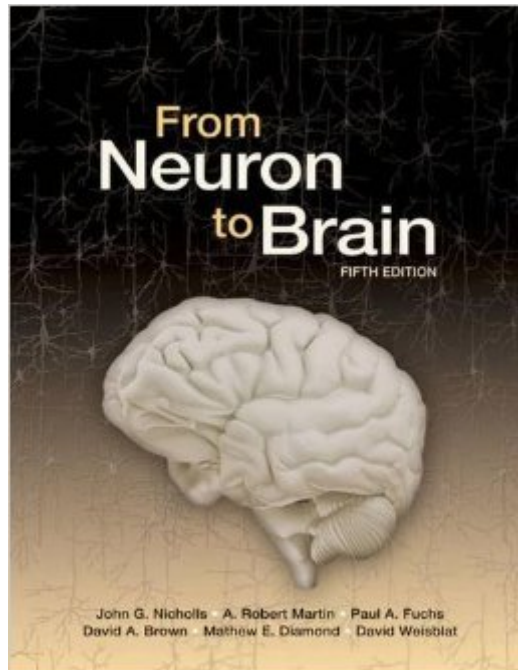


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From Neuron To Brain, Fifth Edition



Synopsis

The entirely rewritten Fifth Edition of From Neuron to Brain describes how nerve cells go about their business of transmitting signals, how the signals are put together, and how, out of this integration, higher functions emerge. This exciting new edition begins with the anatomy and physiology of the visual system.

Book Information

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Customer Reviews

When Stephen Kuffler and John Nicholls wrote the first edition of FROM NEURON TO BRAIN, published in 1976, it was a landmark text that belonged on the shelf of every neurophysiologist. It was a great piece of work - readable, elegant and relatively compact. The current edition, the 5th, is, alas, completely re-written and is a greatly expanded and far less impressive text than the first edition. Rather than concentrating most of its pages on basic neurophysiology, the 5th edition attempts to be a more general neuroscience text, covering considerably more pharmacology, systems neuroscience and behavior than the original. The inclusion of the latter is not bad, but in this edition, that lists 6 authors on the cover, I think it is a case of "Too many cooks spoil the broth." The organization of the chapters, particularly in the first half of the book is all over the place. Not only that, within single chapters there are far too many references, both forward and backward, to explanations in other chapters in the book. In various places, there is either too much or too little detail. Some of the figure legends will be next to impossible for anyone other than an experienced neuroscientist to understand (e.g., Fig. 14.6). One gets the feeling that there was no one person

who's job it was to read the entire book in sequence and smooth out the irregularities and contiguity problems.

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