

## Matlab For Neuroscientists An Introduction To Scientific Computing In Matlab

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Many universities now offer, or are beginning to offer matlab introductory courses in their neuroscience and psychology programs. Nevertheless, so far there hasn't been a textbook specific to this...

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using the MATLABW software to solve various neuroscientific problems. The content of our book is oriented along the philosophy of using MATLAB as a com-prehensive platform that spans the entire cycle of experimental neuroscience: stimu-lus generation, data collection and experi-mental control, data analysis, and finally data modeling. We realize that this

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-- Nikos Logothetis, Director, Max Planck Institute for Biological Cybernetics, Tbingen, Germany "MATLAB for Neuroscientists provides a unique and relatively comprehensive introduction to the MATLAB programming language in the context of brain sciences...The book would work well as a supplementary source for an introductory course in computational analysis and modeling in visual neuroscience, for graduate students or advanced undergraduates."

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MATLAB enables educators to collect, import, analyze, and visualize such data; and draw further inferences through models and simulations. Due to its ease of use and extensive capabilities, psychology and neuroscience departments often incorporate MATLAB into their curricula and lab work.

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