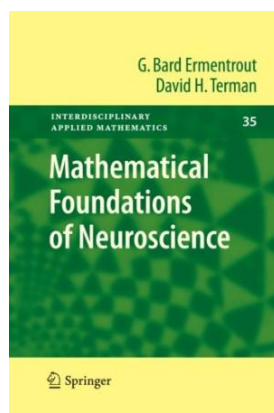


## Read Doc

# MATHEMATICAL FOUNDATIONS OF NEUROSCIENCE



Springer-Verlag New York Inc. Paperback. Book Condition: New. Paperback. 422 pages. Dimensions: 9.1in. x 6.1in. x 0.8in. One can say that the field of computational neuroscience started with the 1952 paper of Hodgkin and Huxley in which they describe, through nonlinear partial differential equations, the genesis of the action potential in the giant axon of the squid. These equations and the methods that arose from this combination of modeling and experiments have since formed the basis for nearly every subsequent model for active cells. The Hodgkin-Huxley model and a host of simplified equations that are derived from it have inspired the development of new and beautiful mathematics. Dynamical systems and computational methods are now...

## Download PDF Mathematical Foundations of Neuroscience

- Authored by G. Bard Ermentrout
- Released at -



Filesize: 4.15 MB

## Reviews

*It is a single of my personal favorite publication. This is for those who state that there had not been a worth reading. I am just easily can get a enjoyment of reading a written ebook.*

-- **Myrtie Pagac**

*If you need to adding benefit, a must buy book. I am quite late in start reading this one, but better then never. I am just quickly could possibly get a delight of reading through a published ebook.*

-- **Fae Beier**

*Definitely among the best pdf I actually have ever go through. I actually have go through and i also am certain that i will going to read once more once more in the foreseeable future. I found out this publication from my i and dad recommended this pdf to understand.*

-- **Kailee Schoen**