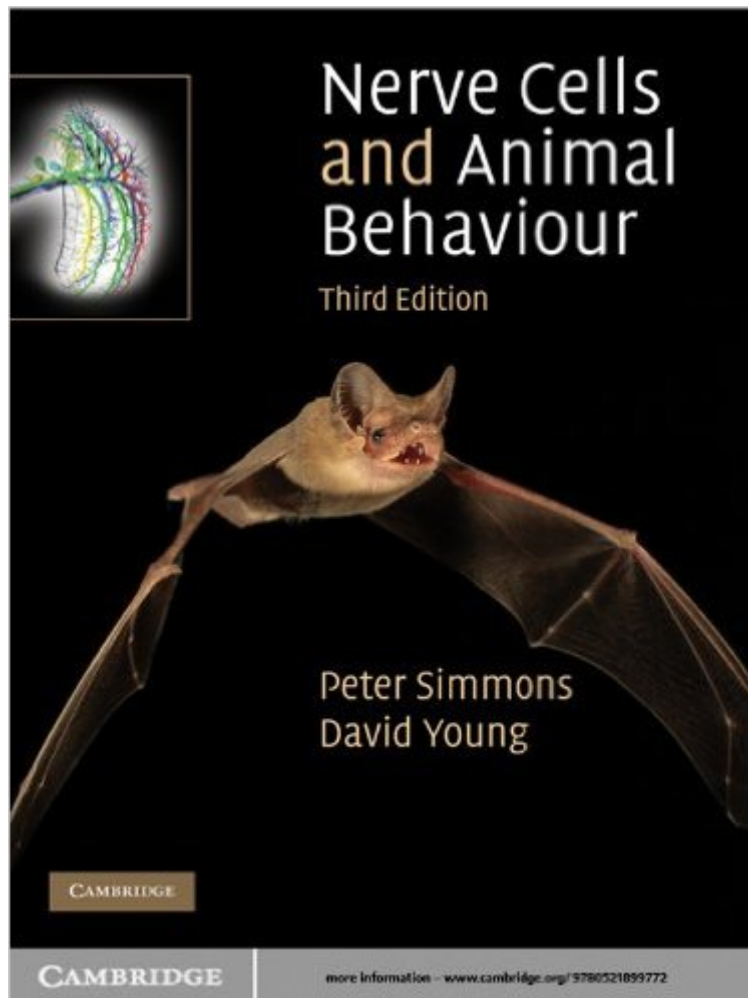


The book was found

Nerve Cells And Animal Behaviour



Synopsis

An extensively revised third edition of this introduction to neuroethology – “the neuronal basis of animal behaviour” – for zoology, biology and psychology undergraduate students. The book focuses on the roles of individual nerve cells in behaviour, from simple startle responses to complex behaviours such as route learning by rats and singing by crickets and birds. It begins by examining the relationship between brains and behaviour, and showing how study of specialised behaviours reveals neuronal mechanisms that control behaviour. Information processing by nerve cells is introduced using specific examples, and the establishing roles of neurons in behaviour is described for a predator-prey interaction, toads versus cockroaches. New material includes: vision by insects, which describes sensory filtering; hunting by owls and bats, which describes sensory maps; and rhythmical movements including swimming and flying, which describes how sequences of movements are generated. Includes stunning photographs which capture the detail of the behaviour.

Book Information

File Size: 4237 KB

Print Length: 293 pages

Page Numbers Source ISBN: 052189977X

Simultaneous Device Usage: Up to 4 simultaneous devices, per publisher limits

Publisher: Cambridge University Press; 3 edition (May 27, 2010)

Publication Date: September 28, 2012

Sold by: Digital Services LLC

Language: English

ASIN: B009XBTFSK

Text-to-Speech: Enabled

X-Ray: Not Enabled

Word Wise: Enabled

Lending: Not Enabled

Enhanced Typesetting: Not Enabled

Best Sellers Rank: #1,057,138 Paid in Kindle Store (See Top 100 Paid in Kindle Store) #208

in Kindle Store > Kindle eBooks > Nonfiction > Politics & Social Sciences > Social Sciences >

Anthropology > Physical #396 in Books > Science & Math > Biological Sciences > Zoology >

Animal Behavior & Communication #531 in Kindle Store > Kindle eBooks > Nonfiction > Science

> Biological Sciences > Zoology

Customer Reviews

Much smaller textbook than I expected for \$100. But, perfect quality. Arrived quickly.

I had to buy this book for school. It has a number of articles on neurologic aspects of behavior written by different authors. The material might be hard to understand to somebody without a biology background.

[Download to continue reading...](#)

Nerve Cells and Animal Behaviour
Flourescence Microscopy of Living Cells in Culture, Part A,
Volume 29: Fluorescent Analogs, Labeling Cells, and Basic Microscopy (Methods in Cell Biology,
Vol) (Vol 29) Stereotypic Animal Behaviour: Fundamentals and Applications to Welfare
Psychopharmacology of Animal Behaviour
Disorders Anatomy and Physiology Study Guide: Key
Review Questions and Answers with Explanations (Volume 3: Nerve Tissue, Spinal Nerves & Spinal
Cord, Cranial Nerves & Brain, Neural Integrative, Motor & Sensory Systems, Autonomic Nervous
System, Special Senses) STOP Back Pain: Kiss Your Back, Neck And Sciatic Nerve Pain Goodbye!
Sugar Crush: How to Reduce Inflammation, Reverse Nerve Damage, and Reclaim Good Health
The B12 Deficiency Survival Handbook: Fix Your Vitamin B12 Deficiency Before Any Permanent Nerve
and Brain Damage Cellular Physiology of Nerve and Muscle Hadzic's Peripheral Nerve Blocks and
Anatomy for Ultrasound-Guided Regional Anesthesia (New York School of Regional Anesthesia)
Nerve Injuries and Their Repair: A Critical Appraisal Bioelectrochemistry IV: Nerve Muscle
Function-Bioelectrochemistry, Mechanisms, Bioenergetics and Control (Nato Science Series: A:) A
Failure of Nerve: Leadership in the Age of the Quick Fix Examination of Peripheral Nerve Injuries:
An Anatomical Approach Trigeminal Nerve Injuries The Facial Nerve Cognitive Behaviour Therapy
for Children and Families (Cambridge Child and Adolescent Psychiatry) Toddlers Tantrums:
Understanding and Dealing With Toddlers Tantrums Effectively (Toddlers Tantrums, Parenting,
Motherhood, Dealing with Tantrums, Discipline, ... Childrens Behaviour, Potty Training,) The
(Mis)Behaviour of Markets: A Fractal View of Risk, Ruin and Reward Promoting Positive Behaviour

[Dmca](#)