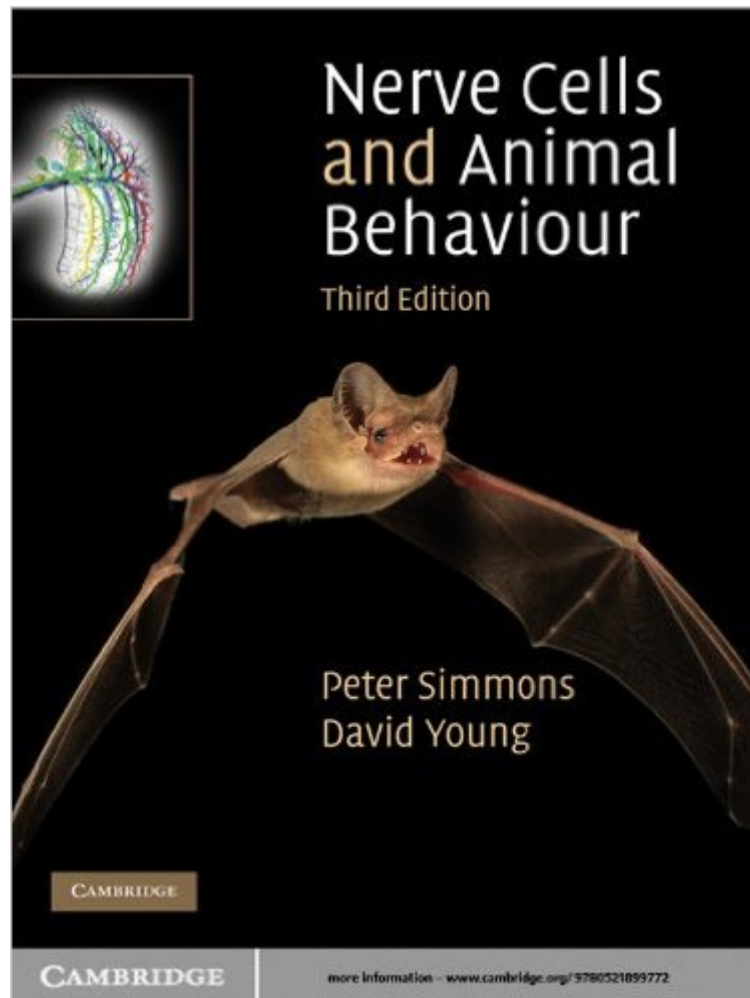


The book was found

# 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

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## 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.

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Nerve Cells and Animal Behaviour Fluorescence 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

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