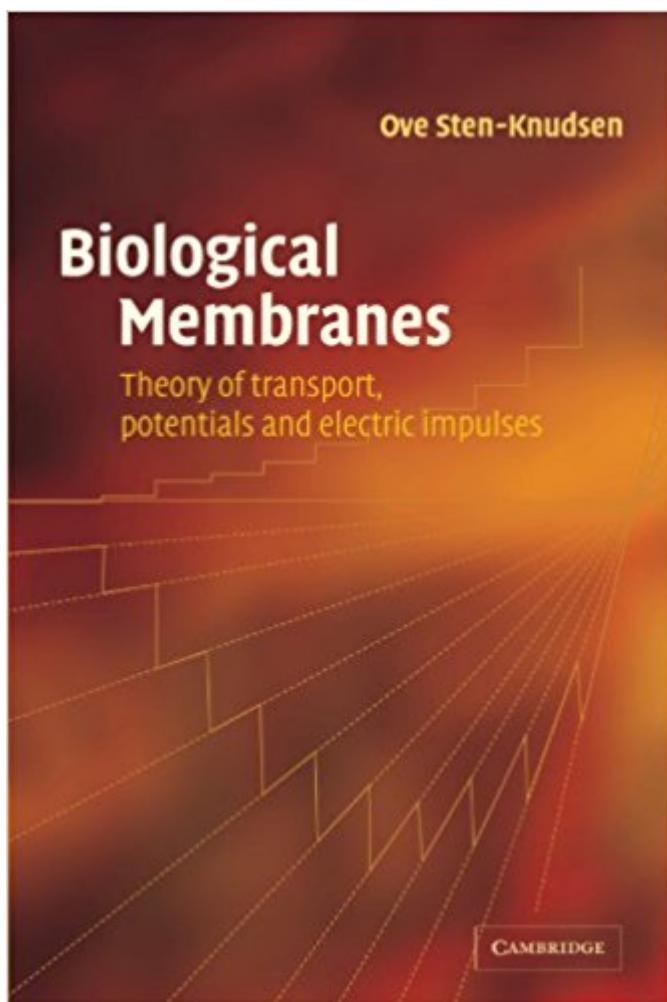


The book was found

Biological Membranes: Theory Of Transport, Potentials And Electric Impulses



Synopsis

This graduate text, suitable for students in physiology and biophysics, and medical students specializing in neurophysiology and related fields, is a comprehensive discussion of biological mass transfer and bioelectrical phenomena. Emphasis is given to the applicability of physics, physical chemistry and mathematics to the quantitative analysis of biological processes, with all the necessary mathematical grounding provided in Chapter 1. This book guides the student through four key stages of quantitative analysis, which are central to the understanding of cell membrane functions.

Book Information

Paperback: 696 pages

Publisher: Cambridge University Press; 1 edition (July 2, 2007)

Language: English

ISBN-10: 0521036356

ISBN-13: 978-0521036351

Product Dimensions: 6 x 1.5 x 9 inches

Shipping Weight: 2.2 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #4,347,753 in Books (See Top 100 in Books) #21 in Books > Science & Math > Biological Sciences > Bioelectricity #933 in Books > Science & Math > Biological Sciences > Biophysics #1831 in Books > Medical Books > Basic Sciences > Cell Biology

Customer Reviews

This graduate text, suitable for students in physiology and biophysics and medical students specialising in neurophysiology and related fields, provides a comprehensive discussion of biological mass transfer and bioelectrical phenomena. Emphasis has been given to the applicability of physics, physical chemistry and mathematics to the quantitative analysis of biological processes, with all the necessary mathematical grounding provided in Chapter 1. This book guides the student through the key stages needed for the formulation of biological models and interpretation of mathematical solutions, central to the understanding of cell membrane functions.

Ove Sten-Knudsen is Professor Emeritus in Biophysics at Copenhagen University, Denmark, and a leading authority on muscle and membrane biophysics. He has previously carried out research in the Departments of Biophysics at The Johns Hopkins University, Baltimore and University College

London. Ove Sten-Knudsen is a Fellow of the Royal Danish Science Society and the Physiological Society of London.

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

Biological Membranes: Theory of Transport, Potentials and Electric Impulses Electric Smoker Cookbook Smoke Meat Like a PRO: TOP Electric Smoker Recipes and Techniques for Easy and Delicious BBQ (Electric Smoker Cookbook, ... Smoker Recipes, Masterbuilt Smoker Cookbook) Modern Art and the Life of a Culture: The Religious Impulses of Modernism (Studies in Theology and the Arts) What Were You Thinking?: Learning to Control Your Impulses (Executive Function) Freight Forwarding and Multi Modal Transport Contracts (Maritime and Transport Law Library) ASTNA Patient Transport: Principles and Practice, 4e (Air & Surface Patient Transport: Principles and Practice) ASTNA Patient Transport - E-Book: Principles and Practice (Air & Surface Patient Transport: Principles and Practice) Standard Potentials in Aqueous Solution (Monographs in Electroanalytical Chemistry and Electrochemistr) Advanced Transport Phenomena: Fluid Mechanics and Convective Transport Processes (Cambridge Series in Chemical Engineering) The Transport System and Transport Policy: An Introduction Safety-II in Practice: Developing the Resilience Potentials Electrode Potentials (Oxford Chemistry Primers) Tables of Standard Electrode Potentials Clinical Applications of the Auditory Brainstem Response (Evoked Potentials) Nurse Neonatal Transport C-NPT: Practice Questions for the Neonatal Transport Nurse Exam Transport Nursing (CTRN) Review (Certification in Transport Nursing Book 1) Nerve and Muscle: Membranes, Cells, and Systems Electrical Properties of Biopolymers and Membranes, Vascular Endothelium and Basement Membranes (Advances in Microcirculation, Vol. 9) (v. 9) Ion Channels of Excitable Membranes

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)