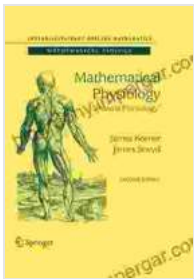


Mathematical Physiology II: Systems Physiology: Interdisciplinary Applied

This book provides a thorough to the field of mathematical physiology, with a focus on systems physiology. It covers a wide range of topics, from basic concepts to advanced modeling techniques. The book is written in a clear and concise style, and it is suitable for both undergraduate and graduate students.



Mathematical Physiology: II: Systems Physiology (Interdisciplinary Applied Mathematics Book 8)

★★★★★ 5 out of 5

Language : English

File size : 10758 KB

Text-to-Speech: Enabled

Screen Reader: Supported

Print length : 574 pages



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- Chapter 1: to Mathematical Physiology
- Chapter 2: Basic Concepts of Systems Physiology
- Chapter 3: Modeling Techniques in Systems Physiology
- Chapter 4: Applications of Mathematical Physiology in Medicine
- Chapter 5: Frontiers in Mathematical Physiology

Chapter 1: to Mathematical Physiology

This chapter provides an overview of the field of mathematical physiology. It discusses the history of the field, the different types of mathematical models that are used in physiology, and the applications of mathematical physiology in medicine and other fields.

Chapter 2: Basic Concepts of Systems Physiology

This chapter introduces the basic concepts of systems physiology. It discusses the different types of physiological systems, the interactions between these systems, and the regulation of physiological systems.

Chapter 3: Modeling Techniques in Systems Physiology

This chapter discusses the different modeling techniques that are used in systems physiology. It covers a wide range of techniques, from simple compartmental models to complex computer simulations.

Chapter 4: Applications of Mathematical Physiology in Medicine

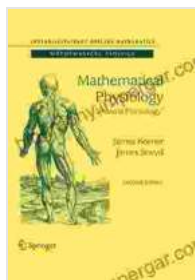
This chapter discusses the applications of mathematical physiology in medicine. It covers a wide range of applications, from the diagnosis and treatment of disease to the design of new drugs and therapies.

Chapter 5: Frontiers in Mathematical Physiology

This chapter discusses the frontiers of research in mathematical physiology. It covers a wide range of topics, from the development of new modeling techniques to the application of mathematical physiology to new areas of medicine.

This book provides a comprehensive overview of the field of mathematical physiology. It is a valuable resource for students, researchers, and

practitioners who are interested in this field.



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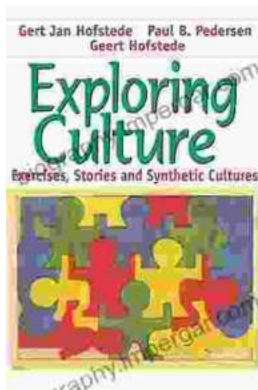
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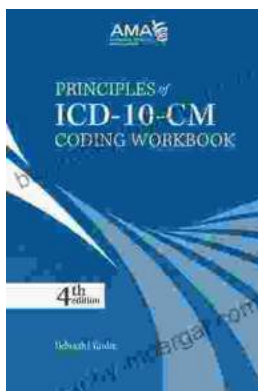
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