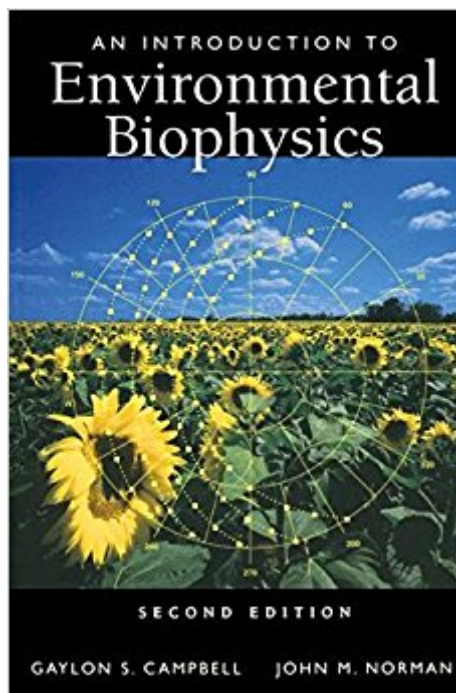




Ebook Directory
the best source of ebook

The book was found

An Introduction To Environmental Biophysics (Modern Acoustics And Signal)



Synopsis

From reviews of the first edition:"well organized . . . Recommended as an introductory text for undergraduates" -- AAAS Science Books and Films "well written and illustrated" -- Bulletin of the American Meteorological Society

Book Information

Series: Modern Acoustics and Signal

Paperback: 286 pages

Publisher: Springer; 2nd edition (September 14, 2000)

Language: English

ISBN-10: 0387949372

ISBN-13: 978-0387949376

Product Dimensions: 6.1 x 0.7 x 9.2 inches

Shipping Weight: 1.2 pounds (View shipping rates and policies)

Average Customer Review: 3.9 out of 5 stars 5 customer reviews

Best Sellers Rank: #631,138 in Books (See Top 100 in Books) #130 in Books > Science & Math > Biological Sciences > Biophysics #573 in Books > Science & Math > Biological Sciences > Biology > Molecular Biology #1025 in Books > Science & Math > Biological Sciences > Botany

Customer Reviews

Reviews of the first edition:"an interesting summary of many interesting ideas in environmental physics and biology" American Scientist"well organized ... recommended as an introductory text for undergraduates" AAAS Science Books and Films"well written and illustrated" Bulletin of the American Meteorological Society

Great text book easy to read. It was the text book for my environmental biophysics class, but there is lot of useful information. There are a few math, formula, and figure errors in the textbook that can sometimes be confusing.

Campbell is thorough in his approach to biophysical analysis of multiple environmental scenarios. As a text book, it is fairly dense and provides hints on how to solve specific problems throughout the text. However, finding those hints is sometimes fairly tricky. The equations presented are the latest version of the equations, but some may produce skewed answers in extreme condtions. Living in

interior Alaska, some of Campbell's formulas and tables just don't cut it for winter and high-latitude conditions. All in all a solid book though, despite it's initial density and sometimes insufficient clarity.

This book has a lot of great information that is very useful for quantitation of matter and energy fluxes in the environment. However....the book quality (paperback) is extremely poor. This is the only book in the last 7 years that I've managed to get so frustrated with that I almost dislike the book...(hence 3 stars). I find it impossible to stay on one page with bracing the book with both hands...and I accidentally tore the backing apart a little bit just trying to keep it open. Arrrggghhh.....Overall great resource though.

Campbell's text is a classic. It stands up as well today as when it was first published. The book provides a thoughtful and clear introduction to biophysics and its many practical applications. While this book may not have the depth of information on specific topics as some others, it provides a thorough foundation for those interested in the field and is an the perfect springboard to more advanced text. It is also an excellent quick reference for those who study land-atmosphere processes on a daily basis. It is replete with the equations and tables of physical parameters that are commonly used and give clear instructions on their proper application. I would strongly recommend this book as a classic in the field.

This text is an excellent companion for anybody dealing with transfers of energy and water in the biosphere, particularly at the plant-canopy level. Badly needed since the only comparable textbook is Monteith & Unsworth - a little outdated and more physically based than this one, which is more bio-oriented and includes current remote sensing use. Excellent reference, and well organized course textbook. There are some mistakes but I know of a second edition appearing this year which will correct them.

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

An Introduction to Environmental Biophysics (Modern Acoustics and Signal) Acoustics of Musical Instruments (Modern Acoustics and Signal Processing) Quantitative Understanding of Biosystems: An Introduction to Biophysics (Foundations of Biochemistry and Biophysics) Introduction to Experimental Biophysics, Second Edition: Biological Methods for Physical Scientists (Foundations of Biochemistry and Biophysics) Cellular Signal Processing: An Introduction to the Molecular Mechanisms of Signal Transduction Biomedical Signal Processing and Signal Modeling Discrete-Time Signal Processing (3rd Edition) (Prentice-Hall Signal Processing Series)

Multidimensional Digital Signal Processing (Prentice-Hall Signal Processing Series) Discrete-Time Signal Processing (2nd Edition) (Prentice-Hall Signal Processing Series) Introduction To Sound: Acoustics for the Hearing and Speech Sciences (Singular Textbook Series) Hearing: An Introduction to Psychological and Physiological Acoustics Modern Essentials Bundle 6th - Modern Essentials 6th Edition a Contemporary Guide to the Therapeutic Use of Essential Oils, An Introduction to Modern Essentials, and Modern Essentials Reference Card Introduction to Environmental Engineering (McGraw-Hill Series in Civil and Environmental Engineering) Sound Reproduction: The Acoustics and Psychoacoustics of Loudspeakers and Rooms (Audio Engineering Society Presents) Speech Science Primer: Physiology, Acoustics, and Perception of Speech Preclinical Speech Science: Anatomy, Physiology, Acoustics, and Perception, Second Edition Digital Audio and Acoustics for the Creative Arts Fourier Acoustics: Sound Radiation and Nearfield Acoustical Holography Phonetics: Transcription, Production, Acoustics, and Perception Underwater Acoustics: Analysis, Design and Performance of Sonar

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)