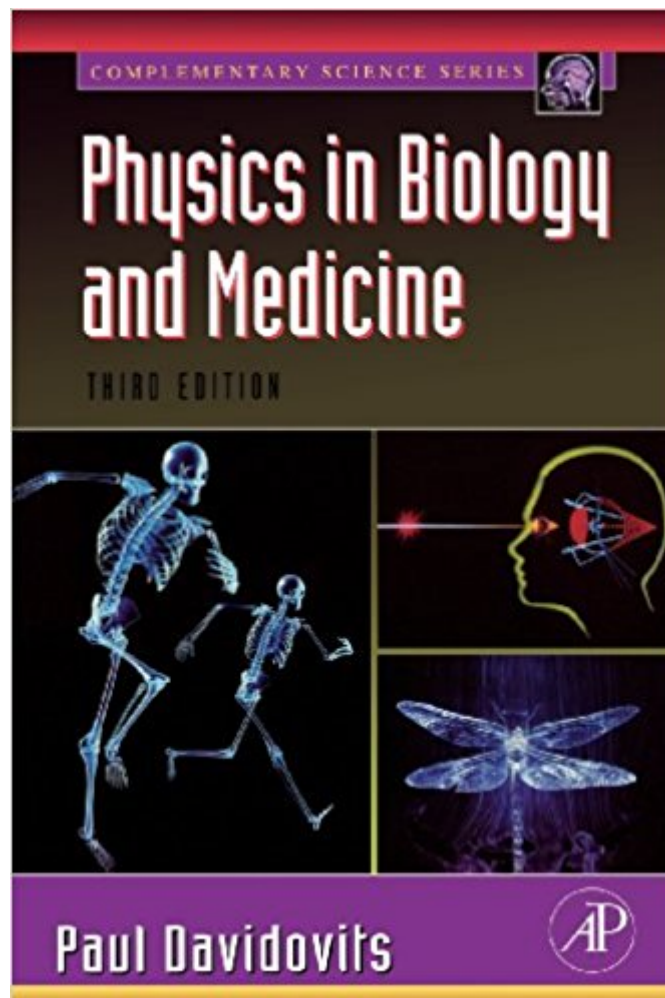




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Physics In Biology And Medicine, Third Edition (Complementary Science)



Synopsis

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Book Information

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Customer Reviews

Reviews from the second edition: "This is a book you should consider if you are teaching the one-semester premed course. This text could be used in two ways: 1) as a text for a one-term course in the physics of the body (without calculus) for non-physics majors in premed or allied health programs, or 2) as a supplementary text for the introductory physics course, particularly for premed students." -Russell Hobbie, University of Minnesota "There is certainly a viable market (for this book), if not as a stand-alone physics text, as a collection of problems, examples, and discussions at the boundary between physics and biology and medicine. It is very well written; it is

certainly accurate; and it is pretty complete."-David Cinabro, Wayne State University

Paul Davidovits, Professor of Chemistry at Boston College, was co-awarded the prestigious R.W. Wood prize from the Optical Society of America for his seminal work in optics. His contribution was foundational in the field of confocal microscopy, which allows engineers and biologists to produce optical sections through 3D objects such as semiconductor circuits, living tissues, or a single cell. Dr. Davidovits earned his doctorate, masters, and undergraduate degrees from Columbia University. Prior to his appointment at Boston College, he was a faculty member at Yale University. He has published more than 150 papers in physical chemistry and is a Fellow of the American Physical Society and of the American Association for Advancement of Science. The second edition of *Physics in Biology and Medicine* received the Alpha Sigma Nu Book Award in the Discipline of the Natural Sciences.

I needed this book for an open-note, open-book course. The sections were clearly defined, and it was easy to read unlike most textbooks. If it's required for a course, this is one of those books that you might actually get something from reading because it is not super technical.

A must read so informative can't live without this. :)

The book covers a wide variety of useful topics of physics that are of interest to students of biology and, probably, medicine. The topics are well selected, and has enough depth as to explain to the student several phenomena found in the living matter. The lack of deepness and math allow an average biology student to work with it. If you are looking for a deep coverage, this is not your book.

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