

# PHYSICS FOR COMPUTER SCIENCE STUDENTS

SECOND EDITION

WITH EMPHASIS ON  
ATOMIC AND  
SEMICONDUCTOR  
PHYSICS



Narciso Garcia • Arthur Damask • Steven Schwarz

# Physics For Computer Science Students

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## **Physics For Computer Science Students:**

**Physics for Computer Science Students** Narciso Garcia,A. C. Damask,1991 This text is the product of several years effort to develop a course to fill a specific educational gap It is our belief that computer science students should know how a computer works particularly in light of rapidly changing tech nologies The text was designed for computer science students who have a calculus background but have not necessarily taken prior physics courses However it is clearly not limited to these students Anyone who has had first year physics can start with Chapter 17 This includes all science and engineering students who would like a survey course of the ideas theories and experiments that made our modern electronics age possible This textbook is meant to be used in a two semester sequence Chapters 1 through 16 can be covered during the first semester and Chapters 17 through 28 in the second semester At Queens College where preliminary drafts have been used the material is presented in three lecture periods 50 minutes each and one recitation period per week 15 weeks per semester The lecture and recitation are complemented by a two hour laboratory period per week for the first semester and a two hour laboratory period biweekly for the second semester

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## Unveiling the Magic of Words: A Overview of "**Physics For Computer Science Students**"

In a world defined by information and interconnectivity, the enchanting power of words has acquired unparalleled significance. Their ability to kindle emotions, provoke contemplation, and ignite transformative change is really awe-inspiring. Enter the realm of "**Physics For Computer Science Students**," a mesmerizing literary masterpiece penned with a distinguished author, guiding readers on a profound journey to unravel the secrets and potential hidden within every word. In this critique, we shall delve into the book's central themes, examine its distinctive writing style, and assess its profound affect on the souls of its readers.

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