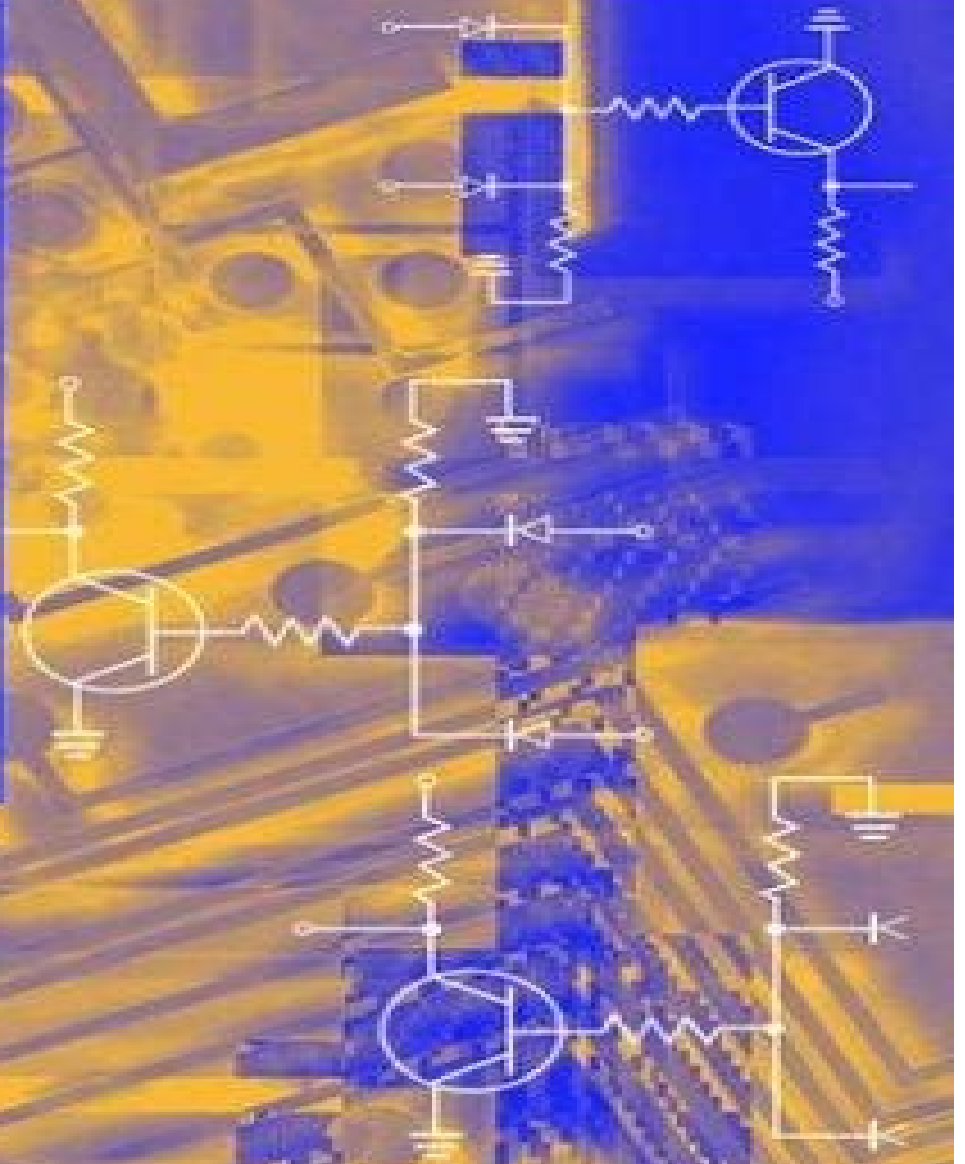
PHYSICS FOR COMPUTER SCIENCE STUDENTS

SECOND EDITION

WITH EMPHASIS ON ATOMIC AND SEMICONDUCTOR PHYSICS



Narciso Garcia • Arthur Damask • Steven Schwarz

Physics For Computer Science Students

Narciso Garcia,A. C. Damask

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 **Physics for Computer Science Students** Narciso Garcia,Arthur Damask,Steven Schwarz,1998-01-09 **Physics for Computer Science Students** Narciso Garcia,A. C. Damask,1991-01-01

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