

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

**National Science Foundation (U.S.).
Directorate for Science Education**



Physics For Computer Science Students:

Physics for Computer Science Students Narciso Garcia, Arthur Damask, 2012-12-06 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 technologies 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, A. C. Damask, 1991-01-01 Instructors Manual to Accompany Physics for Computer Science Students Narciso Garcia, Ofelia García, A. C. Damask, 1986-10-16 *Physics for Computer Science Students* Narciso Garcia, Arthur Damask, 1991 Computer Applications Physical Sciences and Engineering Resources in Education, 1972 *A Guide to Undergraduate Science Course and Laboratory Improvements* National Science Foundation (U.S.). Directorate for Science Education, 1979 Research in Education, 1972-05 *Gendered Paths into STEM. Disparities Between Females and Males in STEM Over the Life-Span* Bernhard Ertl, Silke Luttenberger, M. Gail Jones, Rebecca Lazarides, Manuela Paechter, 2020-01-31 Resources in Education, 1982 *New Technical Books* New York Public Library, 1991

Calendar of the University of Sydney University of Sydney, 1975 *Signal*, 1993 The British Library General Catalogue of Printed Books, 1986 to 1987 British Library, 1988 Scientific Activities Mekhon Vaitzman le-mada', 1983 CERN, 1989 **Current Index to Journals in Education**, 1996 **Cornell University Courses of Study** Cornell University, 2007 *The Year Book of Technical Education and Training for Industry*, 1969 *Oakland Public Schools; Superintendent's Bulletin* Oakland (Calif.). Board of Education, 1966 **Council of Organization and Others for Education About Parochialism, Inc. v. Governor, 455 MICH 557 (1997)**, 1997 106092 106094 106106 106111

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