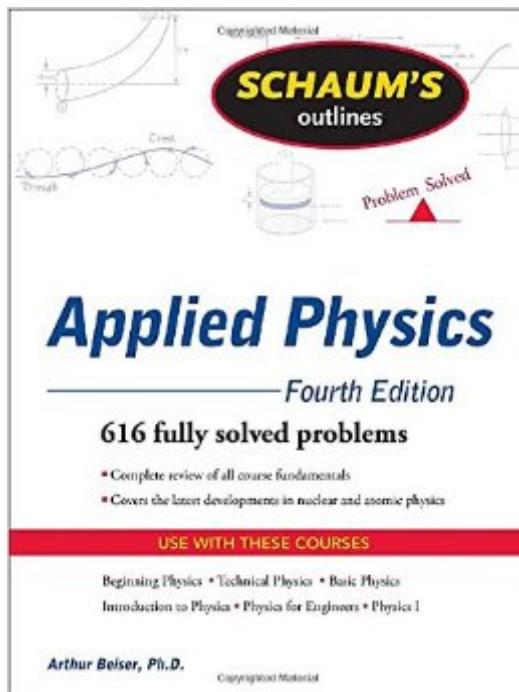


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# Schaum's Outline Of Applied Physics, 4ed (Schaum's Outlines)



## Synopsis

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## Book Information

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## Customer Reviews

It's hard to imagine, but Schaum's Outlines (SO) have been around for over 60 years. I bought my first one in (Analytical Geometry-no longer taught as a separate subject) in 1961. Initially they only covered the introductory core subjects in math and physics. As they became more popular, the number of subjects covered increased and now envelope most curriculum from the colleges of business, finance, language, and the arts. SOs are for students who are serious about learning the subject and are also using a subject-matter text book. You learn physics by doing problems. The outline books are not for someone who wants to cover the subject in a cursory manner and only

have a superficial understanding of the subject, or considers themself a dummy. In general, all of SOs science and math outlines usually follow a logical sequence of material in a chapter format that is typical of a high school or college text book. This SO on "Applied Physics" is a little bit different in that no one physics book or course would cover all of this material. The book's problems are oriented to an introductory, high school level course in physics with no real discussion of the theory or principles involved. You definitely need a physics text book (or prior familiarity) to understand the origin of these formulas. Some sections are a bit dated; I doubt if most school system discuss how simple machines (pulley systems), spherical optics and lenses work; while other sections deal with advanced subjects such as elasticity, kinetic theory of matter and solid state physics. Typically 15-25 solved problems for the 35 different sections; followed by many other problems with answers only. No calculus required, trig table, constants and conversion factors are supplied.

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