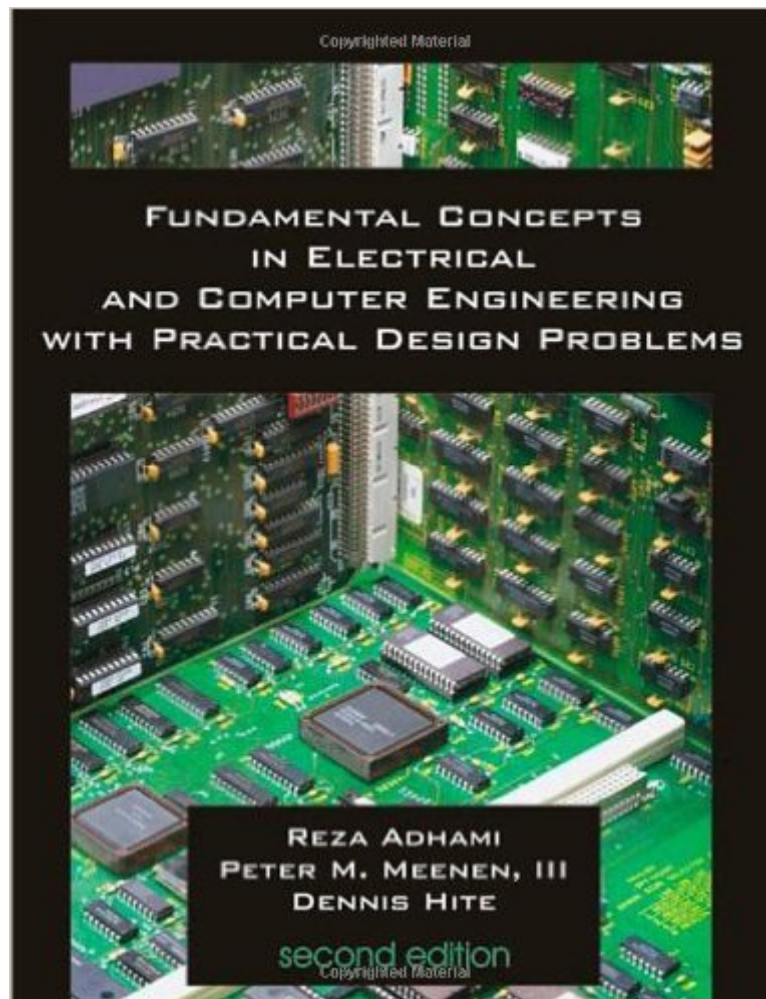


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# Fundamental Concepts In Electrical And Computer Engineering With Practical Design Problems (Second Edition)



## Synopsis

In many cases, the beginning engineering student is thrown into upper-level engineering courses without an adequate introduction to the basic material. This, at best, causes undue stress on the student as they feel unprepared when faced with unfamiliar material, and at worst, results in students dropping out of the program or changing majors when they discover that their chosen field of engineering is not what they thought it was. The purpose of this text is to introduce the student to a general cross-section of the field of electrical and computer engineering. The text is aimed at incoming freshmen, and as such, assumes that the reader has a limited to nonexistent background in electrical engineering and knowledge of no more than pre-calculus in the field of mathematics. By exposing students to these fields at an introductory level, early in their studies, they will have both a better idea of what to expect in later classes and a good foundation of knowledge upon which to build.

## Book Information

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## Customer Reviews

I purchased this book in 2011, and I still very much enjoy it. It is a very easy read, and presents concepts in a gradual, logical manner. I have no intention of being in computer or electrical engineering, but it's very interesting to know more about what's going on in your PC, and some of the mathematics and physics behind its design and architecture.

This book is a must have for any beginning electrical engineering student. I wish I had this before I

started my degree. My grades would have been way better.

One of the best books on electronics I ever read. It taught me vectors matrices electrics and onwards. I still have it. It teaches the theory behind everything. Best book ever.

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