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Digital design by Morris Mano 5th edition PDF - Gate 2017

Behzad Razavi's Fundamentals of Microelectronics is a highly useful book to understand the working of diodes, transistors both BJT and MOSFET and amplifiers. It explains very well about small signal and large signal analysis. This is quite a good for Microelectronics which also discusses the practical applications.

Fundamentals of Microelectronics by Behzad Razavi 2nd

There are two ways to teach semiconductor physics. The first is to start from first principles (as much as is possible) of quantum mechanics, statistical mechanics, etc., and derive for the reader the basic relationships and equations that the rest of the text relies on.

Semiconductor Physics And Devices: Basic Principles

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Introduction to Electrical Engineering - dl4a.org

Books and publications in the field of semiconductor lithography by Chris Mack (For a list of technical papers, click here.). Books. Chris A. Mack, Fundamental Principles of Optical Lithography: The Science of Microfabrication , John Wiley & Sons, (London: 2007). Hardback ISBN: 0470018933; Paperback ISBN: 0470727306

Books on Lithography - Chris Mack

MODULE-I INTRODUCTION: Electromagnetic theory is concerned with the study of charges at rest and in motion. Electromagnetic principles are fundamental to the study of electrical engineering. Electromagnetic theory is also required

(6TH SEMESTER) ELECTROMAGNETIC THEORY (3-1-0) MODULE-I (10

In electronics, impedance matching is the practice of designing the input impedance of an electrical load or the output impedance of its corresponding signal source to maximize the power transfer or minimize signal reflection from the load.. In the case of a complex source impedance Z_S and load impedance Z_L , maximum power transfer is obtained when $Z_L = Z_S^*$ where the asterisk indicates the ...

Impedance matching - Wikipedia

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