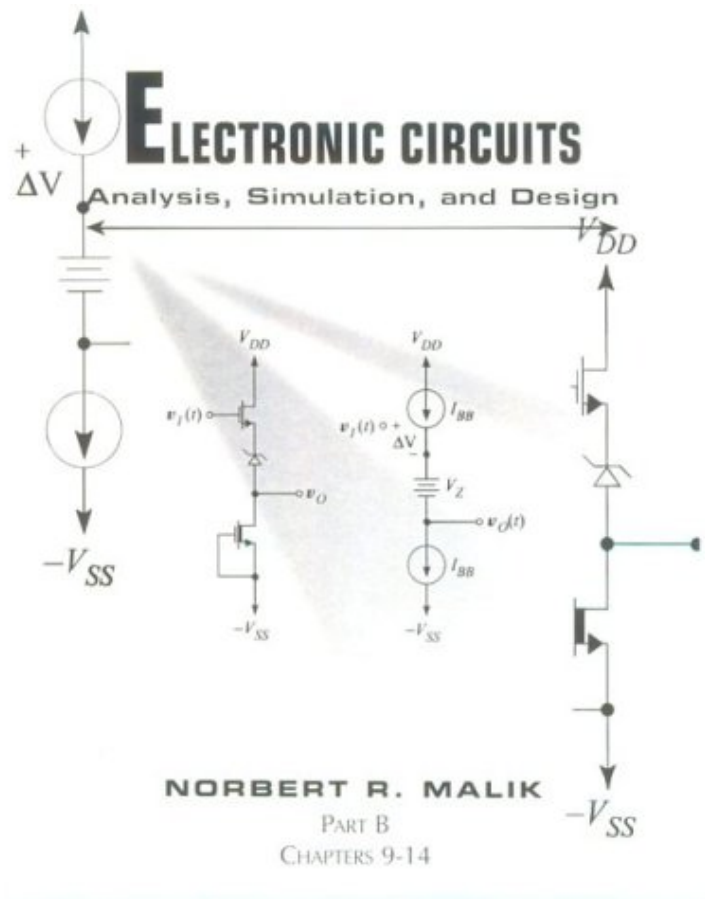


Electronic Circuits: Analysis, Simulation, and Design

Norb Malik

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Norb Malik : Electronic Circuits: Analysis, Simulation, and Design before purchasing it in order to gage whether or not it would be worth my time, and all praised Electronic Circuits: Analysis, Simulation, and Design:

2 of 2 people found the following review helpful. Excellent book By Pierre Wielders This book is far better than the more commonly known Electronics textbooks, because it treats more modern items in depth, f.i. modulators, PLL's, SC-filters, OTA's and transmissionline effects in digital circuits. The big advantage is that complicated matters are presented as simple as possible. The only disadvantage are the text-based Spice examples. Use of PSpice Version 8.0 would be more up to date. For Digital electronics you usually take a specialized book, so this subject could be omitted. It is such a shame that this book is out of print now! Pierre Wielders, Professor of a university of professional education in The Netherlands (Hogeschool Zuyd). 1 of 3 people found the following review helpful. Lots of material but could be presented better By A. Student I used this book in an electronic circuits class taught by the author. I great deal of information is covered, but not very well. There are not enough examples and the practical applications are not emphasized (could've been more SPICE explanations). The book is very theory heavy so it will go over well with profs, but there are a lot better books out there for those outside academia or those just wanting a second source with

their own textbook. (Art of Electronics has the right presentation style but is getting way out of date).

With comprehensive, in-depth coverage, integrated discussions of SPICE, and a strong design orientation, Malik's new text is both thorough and forward looking. It features a flexible organization and dynamic coverage using algebraic hand analysis and simple models to provide a basic understanding, and carefully-selected SPICE examples and exercises to extend understanding beyond simple models. Students on electronics courses should find this text useful.

From the Publisher With comprehensive, in-depth coverage, integrated discussions of SPICE, and a strong design orientation, Malik's new text is a most thorough and forward-looking text. It features a flexible organization and dynamic coverage using algebraic hand analysis and simple models to provide a basic understanding and carefully-selected SPICE examples, and exercises to extend understanding beyond simple models. This allows meaningful coverage of important but often-neglected topics like parasitic capacitance, variations of circuit and transistor parameters with temperature, sensitivity to parameter variations, and numerical distortion analysis. Interrelationships among graphical, mathematical and circuit representations of devices are emphasized helping students to more easily integrate and retain key concepts. This text places an emphasis on design without slighting analysis. Malik's new Electronic Circuits offers the advantages of both an electrical circuit text and a primer on computer-aided circuit design.