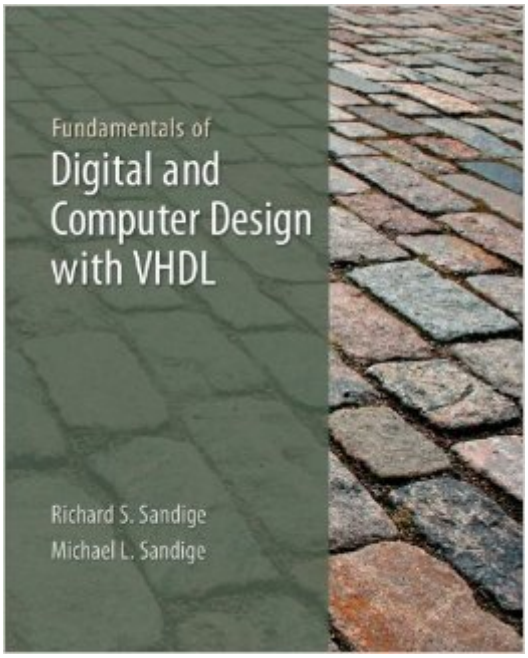
Fundamentals Of Digital And Computer Design With VHDL



Synopsis

This text is intended for an introductory digital design course for students at the freshman level; it also is intended for an introductory computer design course with assembly language programming for students at the sophomore level. This text uses a spiral teaching approach by introducing a design problem and then, in the same chapter or a later chapter, either (1) reemphasizing the same concepts when a different design is presented, or (2) working the same problem using a different technique. This is done to increase the likelihood of retention.

Book Information

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Customer Reviews

The writing and the illustrations in this textbook is outstanding. It makes the concepts easy to understand and crystal clear. I would recommend it to any beginner who is trying to learn basic logic design or VHDL.

Book looks good. Fast shipping

The illustrations are well put together, and the authors clearly know their stuff. The writing, however, is long-winded, repetitive, scattered, and generally very poor. I got a 34 on my ACT reading comprehension. I'm way better than average at reading and understanding things, and I came into a class using this book already possessed of a decent understanding of boolean algebra. Despite that, I found myself needing to re-read portions of this text's basic introductions of boolean algebra

multiple times, just to figure out what concept they were trying to portray. Note: Not to understand a new concept to me -- I frequently need to re-read portions to figure out what concept I already know is the one the authors are attempting to express. It's so badly written I can't even reliably identify concepts I already know in it. So as you can imagine, extricating concepts that are new to me from this mess is like pulling teeth.This is a really badly written book. The authors may know what they're talking about, but they very badly need a new editor, and maybe a real technical illustrator to boot.

Fundamentals of Digital and Computer Design with VHDL Fundamentals of Digital Logic with VHDL Design Digital Design with RTL Design, VHDL, and Verilog Advanced Digital Logic Design Using VHDL, State Machines, and Synthesis for FPGA's Digital Design Using VHDL: A Systems Approach Digital Systems Design Using VHDL HACKING: Beginner's Crash Course - Essential Guide to Practical: Computer Hacking, Hacking for Beginners, & Penetration Testing (Computer Systems, Computer Programming, Computer Science Book 1) Computer Architecture: Fundamentals and Principles of Computer Design Finite State Machines in Hardware: Theory and Design (with VHDL and SystemVerilog) (MIT Press) RTL Hardware Design Using VHDL: Coding for Efficiency, Portability, and Scalability Circuit Design with VHDL Computer Organization and Design, Fourth Edition: The Hardware/Software Interface (The Morgan Kaufmann Series in Computer Architecture and Design) Computer Organization and Design, Third Edition: The Hardware/Software Interface, Third Edition (The Morgan Kaufmann Series in Computer Architecture and Design) Computer Organization and Design: The Hardware Software Interface: ARM Edition (The Morgan Kaufmann Series in Computer Architecture and Design) Fotografia Submarina / Underwater Photography: Tecnicas Fotograficas / Digital and Traditional Techniques (Ocio Digital / Leisure Digital) (Spanish Edition) Computability, Complexity, and Languages, Second Edition: Fundamentals of Theoretical Computer Science (Computer Science and Scientific Computing) Measuring the Digital World: Using Digital Analytics to Drive Better Digital Experiences (FT Press Analytics) Fundamentals of Office 365: 2016 Edition (Computer Fundamentals) Effective Coding with VHDL: Principles and Best Practice (MIT Press) The Student's Guide to VHDL, Second Edition (Systems on Silicon)