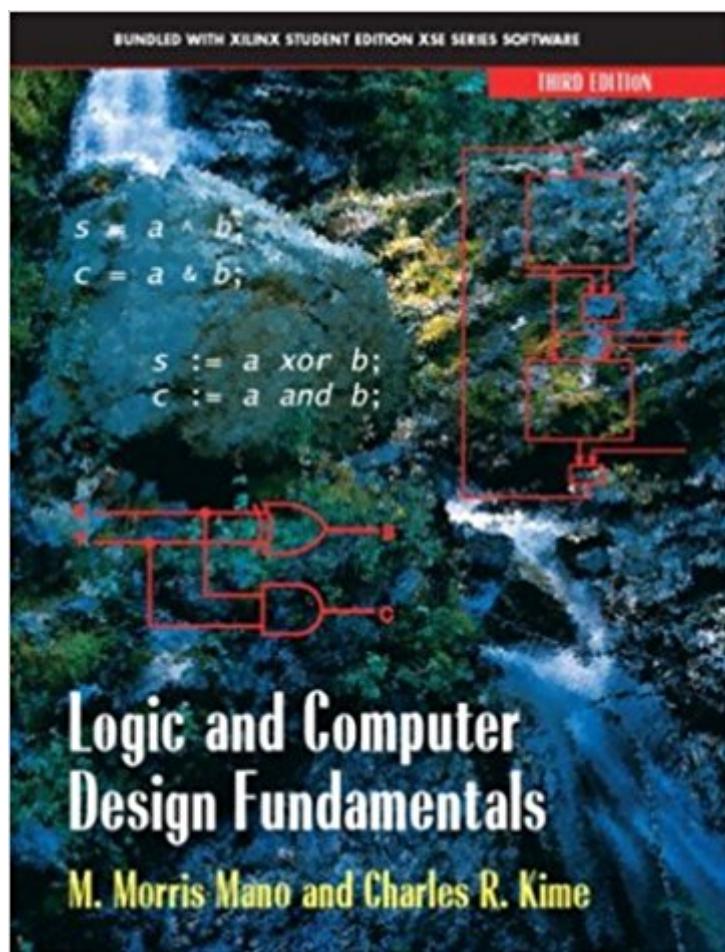**The book was found**

Logic And Computer Design Fundamentals, Third Edition

Synopsis

Providing solid digital system design fundamentals while accomplishing a gradual, bottom-up development of these fundamentals, this book focuses on the ever-evolving applications of basic computer design concepts. Treatment of logic design, digital system design, and computer design. Ideal for self-study by engineers and computer scientists.

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Customer Reviews

Providing solid digital system design fundamentals while accomplishing a gradual, bottom-up development of these fundamentals, this book focuses on the ever-evolving applications of basic computer design concepts. Treatment of logic design, digital system design, and computer design. Ideal for self-study by engineers and computer scientists.

Lots of text and some of the explanations aren't very clear. I came to the conclusion that there are probably better options for self-study. However, I paid something like $1.60 for a brand new copy so I can't complain too much. One plus is that you can find the solutions manual online but stay away from [...] to check your answers to the problems because whoever wrote their solutions doesn't understand the material very well. Some solutions were flat-out wrong while others were careless mistakes.

I bought this book because of my basics of computer engineering class. It was a great asset if you

used it as an aid for class problems and homework.The way it is laid out it great for beginners.

Great price for college textbook

Its received okay Thanks

This book is used for first and second year computing science and engineering courses at Simon Fraser University (BC). Logic and Computer design fundamentals can be used as a decent supplement to a course, however, it would be nigh on impossible to learn the material without a decent teacher helping you along. I have had the privelage of an excellent prof in the courses using this book and that is necessary. Logic and computer design fundamentals is best used as either a supplementary reference for some diagrams or better, not at all.Material Covered:Digital Computers and Information --> Introducton to number systems, codes, etc... basic and unclear for a beginning studentCombinational Logic Circuits --> This is where an intro to logic book has to shine however for many of the persons that I know, they were unable to decipher how to sketch a Karnaugh map from this book. Were it not for the prof, the classes would be worthless.Following Material:Combinational Logic DesignSequential CircuitsRegisters and CountersMemory and Programmable Logic DevicesRegister Transfers and DatapathsSequencing and ControlInstruction Set ArchitectureCentral Processing Unit DesignsInput-Output and CommunicationMemory SystemsI would strongly discourage anybody from purchasing this book with the intentions of gaining a good understanding of Logic and Computer Design. The effort required to understand the material is unneeded as there are far superior books available

I really wish this book would have been better, but its not. It was a required textbook for my college, I went to SIPI in Albuquerque. My school had textbooks that were given to you for the quarter and then returned, the plus side of this was that you didn't have to buy any textbooks but the downside was that the classes would sometimes be stuck with terrible textbooks. Even my professor didn't like the book. The book was overly technical for the college level it was designed for he said. Also the examples were not completely explained through, which was a pain when we were assigned the questions at the ends of the chapters. I really feel this book did such a disservice to my class, I would say half the people either failed or dropped out. I am confident when I say the class average was a C. I don't know about newer versions but please if you are a professor please do not use this book. If you're learning on your own, just stay away, save the money and the headache. There are

plenty of other books around for you...

The only reason I would purchase this because is because it was a required book in my school. And boy, this is some really rough reading. Let me generalize, being a techinical book and a "logic" one the authors' attempt to convey a message so garbled and mismanaged it is extermely mind numbing to read. For example, here's an excerpt from the book, "We also, however, choose to treat it first so that we can clearly justify, in terms of hardware cost, that which otherwise appears bizarre and often is accepted on faith, namely, the use of complement representations in arithmetic." Ok that wasn't so bad right? Well think about reading a few pages. Bored yet? I feel like I'm in a middle of a sunday church service and the priest is repetiously rephrasing a sentence over, and over, and over with no meaning intended.I belive these authors should stick to what they do best. Design circuits. They fail to explain things throughly without an emphasis WHY. Also there is too much technical garble mixed up with sentences which really should be split into paragraphs. Another thing is a hefty price tag that comes with this book.I also forgot to mention the software. The software is designed by xilinx. I've not been able to get it to run on either my laptop, or my home pc. During lab hours at my school the schematic editor has been nothing but buggy. The software would at times erase my circuits, files wont save, etc. I find myself rewriting circuits 5 to 6 times just to rid of bugs that just seem to appear. If this book wasn't used in my classroom I'd recommend avioding it. NOt only is this book well over 100 dollars new and/or used the authors do a terrible job conveying technical data into a well formed, understandable structure we REAL humans can understand.

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