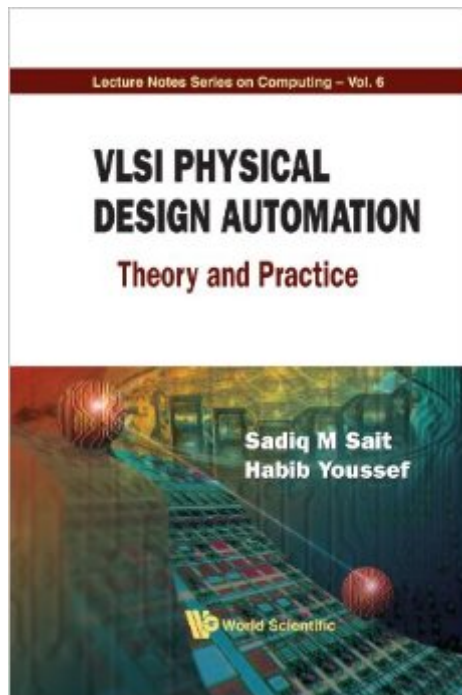


The book was found

VLSI Physical Design Automation: Theory And Practice



Synopsis

Vlsi is an important area of electronic and computer engineering. However, there are few textbooks available for undergraduate/postgraduate study of Vlsi design automation and chip layout. Vlsi Physical Design Automation: Theory and Practice fills the void and is an essential introduction for senior undergraduates, postgraduates and anyone starting work in the field of Cad for Vlsi. It covers all aspects of physical design, together with such related areas as automatic cell generation, silicon compilation, layout editors and compaction. A problem-solving approach is adopted and each solution is illustrated with examples. Each topic is treated in a standard format: Problem Definition, Cost Functions and Constraints, Possible Approaches and Latest Developments.

Book Information

Series: Lecture Notes Series on Computing

Paperback: 482 pages

Publisher: Wspc; 1st edition (November 15, 1999)

Language: English

ISBN-10: 9810238835

ISBN-13: 978-9810238834

Product Dimensions: 6 x 1.1 x 9 inches

Shipping Weight: 1.8 pounds (View shipping rates and policies)

Average Customer Review: 4.7 out of 5 stars [See all reviews](#) (6 customer reviews)

Best Sellers Rank: #431,507 in Books (See Top 100 in Books) #15 in [Books > Engineering & Transportation > Engineering > Electrical & Electronics > Circuits > VLSI & ULSI](#) #74 in [Books > Computers & Technology > Programming > Software Design, Testing & Engineering > Logic](#) #134 in [Books > Engineering & Transportation > Engineering > Electrical & Electronics > Circuits > Design](#)

Customer Reviews

I have read most of the book and implemented most of the proposed algorithms. It was easy to understand. The authors simplified much of the notations that is used by the original writers of the algorithms. It opens the area for any one interested in those topics to continue research with an open mind about what to choose and how.

Since this book was published in 1997, a lot has happened in the area of physical design automation--but this is still a remarkably good text, especially for students and beginners. This

because not only is it exceedingly clearly written, it concentrates on classic techniques which form the foundation for techniques still used today. What is urgently needed is a bang-up-to-date text on this subject which contains materials for the more advanced user--not just for students, but also for old salts like myself who have been working in the trenches for 10 years! If such a text were to be written by these authors, I'm sure it would be a classic. Sadly, EDA industry is a very small and shrinking industry, and a book like this is HARD to write, because you have to be an expert in so many fields. So this book is probably as good as we can reasonably expect to see anytime soon.

I found that the pseudocode in this book was well explained with the algorithms. I did find the book to be quite dry overall; just an acceptable textbook. Note: This book is super difficult to keep open, especially since its so small.

[Download to continue reading...](#)

VLSI Physical Design Automation: Theory and Practice Essential Guide to Samsung SmartThings
Smart Home Automation System: A Practical Guide to on How to Use SmartThings Home
Automation in Your Everyday Life. ... Home Automation Essential Guides Book 6) Algorithms for
VLSI Physical Design Automation Automation Made Easy: Everything You Wanted to Know about
Automation--and Need to Ask Home Automation with the Raspberry Pi: Build Home Automation
Systems Using The Power of The Raspberry Pi Apple's HomeKit Smart Home Automation System
Handbook: Discover How to Build Your Own Smart Home Using Apple's New HomeKit System
(Smart Home Automation Essential Guides Book 7) Circuits, Interconnections, and Packaging for
Vlsi (Addison-Wesley VLSI systems series) Algorithms: C++: Data Structures, Automation &
Problem Solving, w/ Programming & Design (app design, app development, web development, web
design, jquery, ... software engineering, r programming) VLSI Physical Design: From Graph
Partitioning to Timing Closure Mosfet Modeling for VLSI Simulation: Theory And Practice
(International Series on Advances in Solid State Electronics) (International Series on Advances in
Solid State Electronics and Technology) VLSI Chip Design with the Hardware Description Language
VERILOG: An Introduction Based on a Large RISC Processor Design Contesting the Subject:
Essays in the Postmodern Theory and Practice of Biographical Criticism (The Theory and Practice
of Biography a) Database Design and Relational Theory: Normal Forms and All That Jazz (Theory
in Practice) Silicon VLSI Technology: Fundamentals, Practice and Modeling (Taschenbuch) Silicon
VLSI Technology: Fundamentals, Practice, and Modeling VLSI Digital Signal Processing Systems:
Design and Implementation CMOS VLSI Design: A Circuits and Systems Perspective (3rd Edition)
CMOS VLSI Design: A Circuits and Systems Perspective VLSI Test Principles and Architectures:

Design for Testability (The Morgan Kaufmann Series in Systems on Silicon) Digital VLSI Chip
Design with Cadence and Synopsys CAD Tools

[Dmca](#)