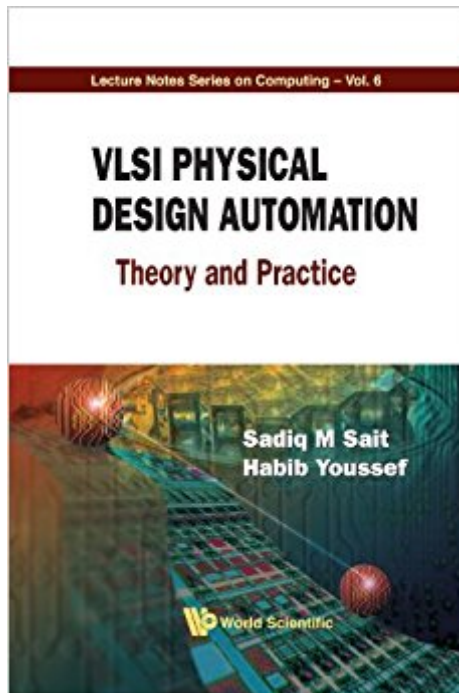The book was found

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

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Average Customer Review: 4.7 out of 5 stars   6 customer reviews

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Customer Reviews

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 to small.

Great the book was as expectedNo complaints

I have read most of the book and implemented most of the propsed algorithms. It was easy to

understend. The authors simplified much of the notations that is used by the oirignal writers of the algorithms. It opens the area for any one intersted 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 happend 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 concentraits 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.

A nice book, infact one of the best in the field, they give good review of the available research in the area. Good for undergraduate as well as post graduates. When you read it you feel as if the author was standing and explaining the material. Good work Sait !!

This is well written book that easy to understand for knowing basic algorithms and design techniques for VLSI design. Authors have presented the material in formal yet simple language that makes it a god book for senior undergraduates and starters in VLSI CAD.

VLSI Physical Design Automation: Theory and Practice Algorithms for VLSI Physical Design Automation Practical Problems in VLSI Physical Design Automation VLSI DESIGN SIMPLE AND LUCID EXPLANATION: vlsi design for students Algorithms for VLSI Design Automation Home Automation - A Smart Home Guide: The Beginnerâ ™s Manual Including Google Home, Echo Dot and Alexa. Easy Instructions, Directions and Commands ... and Home Automation Guide Series Book 1) Circuits, Interconnections, and Packaging for Vlsi (Addison-Wesley VLSI systems series) The Credit Scoring Toolkit: Theory and Practice for Retail Credit Risk Management and Decision Automation VLSI Physical Design: From Graph Partitioning to Timing Closure Modern VLSI Design: IP-Based Design (4th Edition) Making Design Theory (Design Thinking, Design Theory) Substation Automation Systems: Design and Implementation Design, When Everybody Designs: An Introduction to Design for Social Innovation (Design Thinking, Design Theory) Graphic Design

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