

High Level Synthesis: Introduction to Chip and System Design



Research on high-level synthesis started over twenty years ago, but lower-level tools were not available to seriously support the insertion of high-level synthesis into the mainstream design methodology. Since then, substantial progress has been made in formulating and understanding the basic concepts in high-level synthesis. Although many open problems remain, high-level synthesis has matured. High-Level Synthesis: Introduction to Chip and System Design presents a summary of the basic concepts and results and defines the remaining open problems. This is the first textbook on high-level synthesis and includes the basic concepts, the main algorithms used in high-level synthesis and a discussion of the requirements and essential issues for high-level synthesis systems and environments. A reference text like this will allow the high-level synthesis community to grow and prosper in the future.

[1] John P. Uyemura, CMOS Logic Circuit Design, Kluwer Academic Steve Y-L Lin, High-Level Synthesis: Introduction to Chip and System Design, Kluwer Level Synthesis: Introduction to Chip and System Design by Daniel D. Gajski Nikil D. Dutt Allen C-H Wu Steve Y-L Lin and a great selection of similar Used, Get this from a library! High-level synthesis : introduction to chip and system design. [Daniel D Gajski et al] 1.1 The Need for Design Automation on Higher Abstraction Levels. 1. 1.2 Levels of Abstraction . 3. 1.3 Definition of Synthesis. 8. 1.4 Languages, Designs and High-level synthesis : introduction to chip and by Daniel D Gajski. High-level synthesis : introduction to chip and system design. by Daniel D Gajski. Print book. - 6 sec Introduction to Video Game Design and Development with Student CD. by Caseromero. 2 : High ? Level Synthesis: Introduction to Chip and System Design (9781461366171) by Daniel D. Gajski Nikil D. Dutt Allen C-H Wu Steve Y-L (slides available at: <http://embedded-system-design-book> Lin, High-Level Synthesis: Introduction to Chip and System Design, Kluwer The Paperback of the High -- Level Synthesis: Introduction to Chip and System Design by Daniel D. Gajski, Nikil D. Dutt, Allen C-H Wu, Steve - 5 sec Watch Download High Level Synthesis: Introduction to Chip and System Design Read Online High _ Level Synthesis: Introduction to Chip and System Design [Daniel D. Gajski, Nikil D. Dutt, Allen C-H Wu, Steve Y-L Lin] on . *FREE* shipping