

# Design Automation, Languages, and Simulations: Design Automation, Languages and Simulation (Principles and Applications in Engineering, 9)



As the complexity of electronic systems continues to increase, the micro-electronic industry depends upon automation and simulations to adapt quickly to market changes and new technologies. Compiled from chapters contributed to CRCs best-selling VLSI Handbook, this volume of the Principles and Applications in Engineering series covers a broad range of topics relevant to design automation, languages, and simulations. These include a collaborative framework that coordinates distributed design activities through the Internet, an overview of the Verilog hardware description language and its use in a design environment, hardware/software co-design, system-level design of application-specific systems, and analog circuit simulators.

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