



Advanced Model Order Reduction Techniques in VLSI Design

By Sheldon Tan, Lei He

CAMBRIDGE UNIVERSITY PRESS, United Kingdom, 2012. Paperback. Book Condition: New. 242 x 168 mm. Language: English Brand New Book ***** Print on Demand *****.Model order reduction (MOR) techniques reduce the complexity of VLSI designs, paving the way to higher operating speeds and smaller feature sizes. This 2007 book presents a systematic introduction to, and treatment of, the key MOR methods employed in general linear circuits, using real-world examples to illustrate the advantages and disadvantages of each algorithm. Following a review of traditional projection-based techniques, coverage progresses to more advanced MOR methods for VLSI design, including HMOR, passive truncated balanced realization (TBR) methods, efficient inductance modeling via the VPEC model, and structure-preserving MOR techniques. Where possible, numerical methods are approached from the CAD engineer's perspective, avoiding complex mathematics and allowing the reader to take on real design problems and develop more effective tools. With practical examples and over 100 illustrations, this book is suitable for researchers and graduate students of electrical and computer engineering, as well as practitioners working in the VLSI design industry.



[READ ONLINE](#)
[1.42 MB]

Reviews

Complete information! Its such a great study. It is probably the most amazing book i have got study. Once you begin to read the book, it is extremely difficult to leave it before concluding.

-- Mr. Roger Luetgen III

A fresh eBook with a brand new standpoint. It can be rally exciting through looking at period of time. I am delighted to inform you that this is the greatest book i have read through during my individual existence and may be he very best publication for ever.

-- Era Thompson

Related Kindle Books



A Smarter Way to Learn JavaScript: The New Approach That Uses Technology to Cut Your Effort in Half

Createspace, United States, 2014. Paperback. Book Condition: New. 251 x 178 mm. Language: English . Brand New Book ***** Print on Demand *****.The ultimate learn-by-doing approachWritten for beginners, useful for experienced developers who want to sharpen their skills and don t mind...



Weebies Family Halloween Night English Language: English Language British Full Colour

Createspace, United States, 2014. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Children s Weebies Family Halloween Night Book 20 starts to teach Pre-School and Junior Children how to read with this...



My Big Book of Bible Heroes for Kids: Stories of 50 Weird, Wild, Wonderful People from God's Word

Shiloh Kidz. PAPERBACK. Book Condition: New. 1634093151 BRAND NEW!! MULTIPLE COPIES AVAILABLE. NEW CONDITION!! 100% MONEY BACK GUARANTEE!! BUY WITH CONFIDENCE! WE SHIP DAILY!!EXPEDITED SHIPPING AVAILABLE.



The TW treatment of hepatitis B road of hope(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Paperback. Pub Date :2012-10-28 Pages: 119 Publisher: People's Medical racket Reading: All books are the Youth Pre-employment Training software download generated...



A Smarter Way to Learn JQuery: Learn It Faster. Remember It Longer.

Createspace Independent Publishing Platform, United States, 2016. Paperback. Book Condition: New. 254 x 178 mm. Language: English . Brand New Book ***** Print on Demand *****.Youre going to get the hang of jQuery in less time than you might expect. And the...



Super Easy Storytelling The fast, simple way to tell fun stories with children

CreateSpace Independent Publishing Platform. Paperback. Book Condition: New. This item is printed on demand. Paperback. 24 pages. Dimensions: 9.9in. x 8.0in. x 0.2in.Instantly start telling stories with kids. Great for spontaneous storytelling or for creative writing lessons. Super simple storytelling formula and...