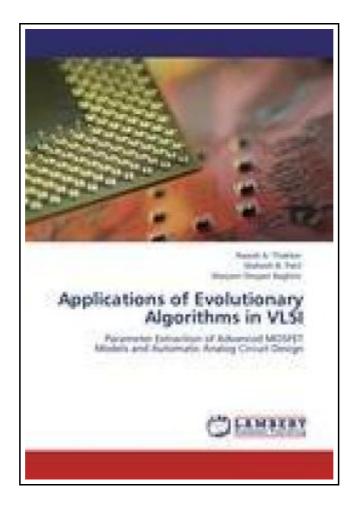
Applications of Evolutionary Algorithms in VLSI



Filesize: 2.15 MB

Reviews

This book might be really worth a read, and superior to other. This really is for all who statte there had not been a really worth studying. I am just happy to tell you that this is basically the very best pdf i actually have read through during my very own lifestyle and may be he best ebook for actually. *(Elnora Ruecker)*

APPLICATIONS OF EVOLUTIONARY ALGORITHMS IN VLSI



LAP Lambert Acad. Publ. Jul 2011, 2011. Taschenbuch. Book Condition: Neu. 220x150x8 mm. This item is printed on demand - Print on Demand Neuware - Continuous downscaling of MOSFET devices, below sub 100 nm, has led to many challenges in the field of VLSI. Few interesting challenging problems addressed in this book are: MOSFET parameter extraction, Automatic circuit design, and Design of circuits in novel device structures. The increasing complexity of MOSFET models to capture various SCEs has made the parameter extraction a difficult task. Analog circuit design has also become difficult due to increased complexity of MOSFET models, process variations, supply voltage variations, and need of low-power architectures. FinFET device, which has less SCEs, is emerging as a strong candidate to replace planar MOSFETs. However, compact models for FinFETs are still under research and not available for circuit simulation. This book demonstrates potential applications of evolutionary algorithms such as PSO algorithm to address the issues of MOSFET parameter extraction and automatic circuit design. It also highlights the use of look-up table (LUT) approach for simulation of circuits in novel devices. This book will be useful to students, researchers, and practitioners working in CMOS circuits and devices. 136 pp. Englisch.

Read Applications of Evolutionary Algorithms in VLSI Online
Download PDF Applications of Evolutionary Algorithms in VLSI

You May Also Like



Aeschylus

BiblioLife. Paperback. Book Condition: New. This item is printed on demand. Paperback. 260 pages. Dimensions: 8.0in. x 5.0in. x 0.6in.This Translation of A eschylus, an entirely new one, is designed as an Appendix to my...

Read ePub »

\rightarrow	

Psychologisches Testverfahren

Reference Series Books LLC Nov 2011, 2011. Taschenbuch. Book Condition: Neu. 249x191x7 mm. This item is printed on demand - Print on Demand Neuware - Quelle: Wikipedia. Seiten: 100. Kapitel: Myers-Briggs-Typindikator, Keirsey Temperament Sorter, DISG,... Read ePub »

\rightarrow	

When Santa Claus Prayed

Xulon Press. Paperback. Book Condition: New. Paperback. 28 pages. Dimensions: 9.0in. x 8.1in. x 0.3in.Dad, youre wrong about Santa Claus! I cant sit on baby Jesuss lap or even see him! I cant send letters...

Read ePub »

\rightarrow

Prevent-Teach-Reinforce for Young Children: The Early Childhood Model of Individualized Positive Behavior Support

Brookes Publishing Co. Paperback. Book Condition: new. BRAND NEW, Prevent-Teach-Reinforce for Young Children: The Early Childhood Model of Individualized Positive Behavior Support, Glen Dunlap, Kelly Wilson, Phillip S. Strain, Janice K. Lee, "Learn more about... Read ePub »



Programming in D

Ali Cehreli Dez 2015, 2015. Buch. Book Condition: Neu. 264x182x53 mm. This item is printed on demand - Print on Demand Neuware - The main aim of this book is to teach D to readers... Read ePub »