


[DOWNLOAD](#)


Semiconductor Devices Explained: Using Active Simulation (Mixed media product)

By Ton Mouthaan

John Wiley and Sons Ltd, United Kingdom, 2000. Mixed media product. Book Condition: New. 1. Auflage. 251 x 174 mm. Language: English . Brand New Book. Offers an innovative and accessible new approach to the teaching of the fundamentals of semiconductor components by exploiting simulation to explain the mechanisms behind current in semiconductor structures. Simulation is a popular tool used by engineers and scientists in device and process research and the accompanying two dimensional process and device simulation software MicroTec , enables students to make their own devices and allows the recreation of real performance under varying parameters. There is also an accompanying site containing ICECREAM software (Integrated Circuits and Electronics group Computerized Remedial Education And Mastering) which improves understanding of the physics involved and covers semiconductor physics, junction diodes, silicon bipolar and MOS transistors and photonic devices like LEDs and lasers. Features include: MicroTec diskette containing a two-dimensional process and device simulator on which the many simulation exercises mentioned in the text can be performed thereby facilitating learning through experimentation Computer aided education software (accessible vita) featuring question and answer games, which enables students to enhance their understanding of the physics involved and allows lecturers to set assignments...

Reviews

This composed pdf is excellent. It really is basic but excitement in the 50 % in the book. Your lifestyle span will likely be change when you comprehensive looking at this book.

-- **Tom Fisher**

This published book is wonderful. It is one of the most incredible book we have go through. I realized this pdf from my i and dad advised this book to learn.

-- **Felicia Heidenreich**

You May Also Like



[A Smarter Way to Learn JavaScript: The New Approach That Uses Technology to Cut Your Effort in Half \(Paperback\)](#)

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...



[Depression: Cognitive Behaviour Therapy with Children and Young People \(Paperback\)](#)

Taylor Francis Ltd, United Kingdom, 2009. Paperback. Book Condition: New. 242 x 174 mm. Language: English . Brand New Book. In recent years there has been an increase in research into childhood depression, and it is now recognised that depression can severely...



[Mass Media Law: The Printing Press to the Internet \(Paperback\)](#)

Peter Lang Publishing Inc, United States, 2013. Paperback. Book Condition: New. New.. 251 x 175 mm. Language: English . Brand New Book. Digital media law is now the dynamic legal territory. Mass Media Law: The Printing Press to the Internet is a...



[Who Am I in the Lives of Children? an Introduction to Early Childhood Education with Enhanced Pearson Etext -- Access Card Package \(Paperback\)](#)

Pearson, United States, 2015. Paperback. Book Condition: New. 10th. 251 x 203 mm. Language: English . Brand New Book. NOTE: Used books, rentals, and purchases made outside of Pearson If purchasing or renting from companies other than Pearson, the access codes for...



[Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications . \(Paperback\)](#)

Rarebooksclub.com, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.This historic book may have numerous typos and missing text. Purchasers can usually download a free scanned copy of the...



[31 Moralistic Motivational Bedtime Short Stories for Kids: 1 Story Daily on Bedtime for 30 Days Which Are Full of Morals, Motivations Inspirations \(Paperback\)](#)

Createspace, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Reading to children is a wonderful activity and past time that both parents and teachers enjoy. Seeing their rapt, excited...