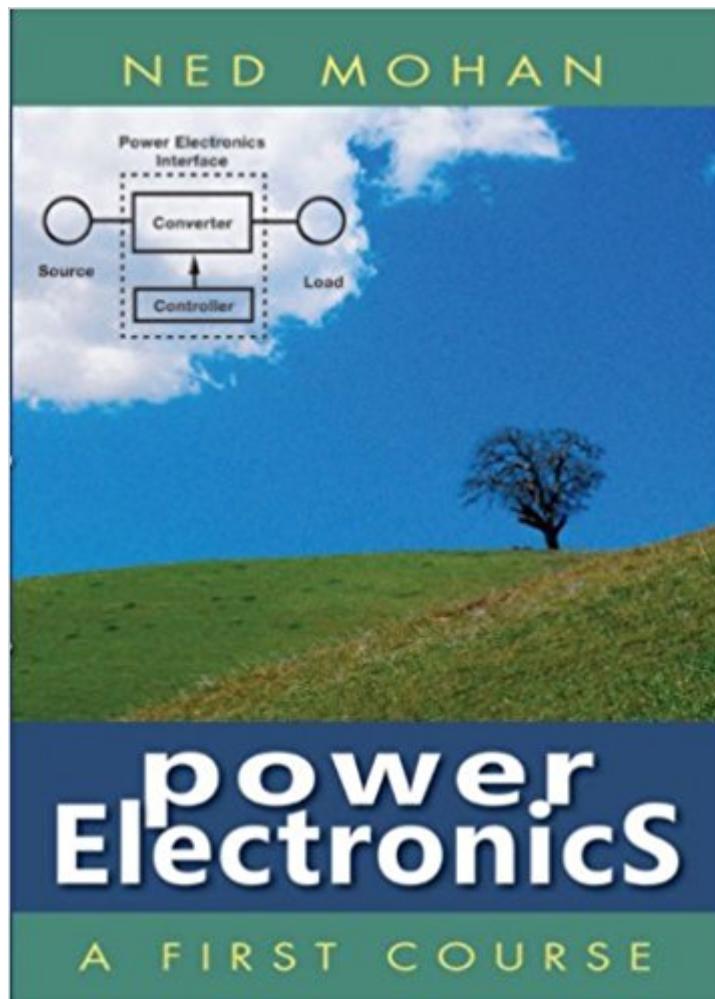


The book was found

First Course On Power Electronics



Synopsis

An integrated Electric Energy Systems curriculum consists of three segments: Power Electronics, Power Systems and Electric Drives. This textbook follows a top-down systems-level approach to Power Electronics to highlight interrelationships between these sub-fields. This textbook is intended to teach students both the fundamentals and practical design in a single-semester course. A building-block approach to power electronics allows an in-depth discussion of several important topics that are left out in conventional courses, for example, designing feedback control, power-factor-correction circuits, soft-switching, and SV-PWM which is a PWM technique far superior to Sine-PWM, to name a few. The topics in this book are carefully sequenced to maintain continuity and student interest throughout the course. In a fast pace course with proper student background, this book can be covered from front-to-back in one semester. However, the material is arranged in such a way that an instructor, to accommodate the students background, can either omit an entire topic or cover it quickly to provide just an overview using the PowerPoint-based slides on the accompanying CD, without interrupting the flow. --This text refers to an out of print or unavailable edition of this title.

Book Information

File Size: 8844 KB

Print Length: 288 pages

Simultaneous Device Usage: Up to 3 simultaneous devices, per publisher limits

Publisher: Wiley; 1 edition (December 1, 2011)

Publication Date: December 1, 2011

Sold by: Digital Services LLC

Language: English

ASIN: B006R6I7V0

Text-to-Speech: Not enabled

X-Ray: Not Enabled

Word Wise: Not Enabled

Lending: Not Enabled

Enhanced Typesetting: Not Enabled

Best Sellers Rank: #454,740 Paid in Kindle Store (See Top 100 Paid in Kindle Store) #158

in Books > Engineering & Transportation > Engineering > Energy Production & Extraction >

Electric #217 in Kindle Store > Kindle eBooks > Engineering & Transportation > Engineering >

Customer Reviews

Often engineering books focus a bit too strongly on the math and leave the reader a little confused about what's actually happening. Although it's not perfect, I'd say this book does a pretty good job of nailing the concepts, while leaving most of the mathematics out of it.

Good and straight forward. I used this back during my junior year in college (3 years ago) and it was a nice little book. Tons of helpful equations, some of which aren't even in my grad books. Keep it handy (its small so no reason not too).

Got this book for a Power Electronics course. The book was very straight forward and easy to follow. My introduction to boost converters was made much easier thanks to this.

Used it for a class but feels a little complicated to understand.

Thank you. Great book just what I needed

I'm done with the following course, did pretty good in it though. For sure had a good experience while buying books from .

it is good for any one interest to study power electronic s

I buy so many engineering books!

[Download to continue reading...](#)

Power Electronics: A First Course First Course on Power Electronics State Estimation in Electric Power Systems: A Generalized Approach (Power Electronics and Power Systems) Solar Power: The Ultimate Guide to Solar Power Energy and Lower Bills: (Off Grid Solar Power Systems, Home Solar Power System) (Living Off Grid, Wind And Solar Power Systems) Power Training: For Combat, MMA, Boxing, Wrestling, Martial Arts, and Self-Defense: How to Develop Knockout Punching Power, Kicking Power, Grappling Power, and Ground Fighting Power Power Pivot and Power BI: The Excel User's Guide to DAX, Power Query, Power BI & Power Pivot in Excel

2010-2016 Shocking! Where Does Electricity Come From? Electricity and Electronics for Kids - Children's Electricity & Electronics Digital Electronics: A Primer : Introductory Logic Circuit Design (Icp Primers in Electronics and Computer Science) Hacking Electronics: Learning Electronics with Arduino and Raspberry Pi, Second Edition Scaling and Integration of High-Speed Electronics and Optomechanical Systems (Selected Topics in Electronics and Systems) Science Fair Projects With Electricity & Electronics: Electricity & Electronics Solar PV Off-Grid Power: How to Build Solar PV Energy Systems for Stand Alone LED Lighting, Cameras, Electronics, Communication, and Remote Site Home Power Systems Holt Literature & Language Arts Warriner's Handbook California: Student Edition Grade 7 First Course CA First Course 2010 Holt Traditions Warriner's Handbook: Language and Sentence Skills Practice First Course Grade 7 First Course Learning the Art of Electronics: A Hands-On Lab Course Basic Solid-State Electronics, Complete Course (5 Vols. in 1) Classical Piano Solos - First Grade: John Thompson's Modern Course Compiled and edited by Philip Low, Sonya Schumann & Charmaine Siagian (John Thompson's Modern Course for the Piano) First Things First: Understand Why So Often Our First Things Aren't First Nuclear energy. Radioactivity. Engineering in Nuclear Power Plants: Easy course for understanding nuclear energy and engineering in nuclear power plants (Radioactive Disintegration) Fight Your Own War: Power Electronics and Noise Culture

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)