

## Power Electronics Laboratory: Theory, Practice & Organization



Filesize: 8.5 MB

### ***Reviews***

*The best book i actually read through. I have got read and so i am sure that i am going to going to read through yet again yet again down the road. You can expect to like the way the author compose this pdf.*

***(Ludie Willms)***

## POWER ELECTRONICS LABORATORY: THEORY, PRACTICE & ORGANIZATION



To read **Power Electronics Laboratory: Theory, Practice & Organization** PDF, you should click the button beneath and save the ebook or have access to other information that are have conjunction with POWER ELECTRONICS LABORATORY: THEORY, PRACTICE & ORGANIZATION book.

Narosa Publishing House, 2007. Softcover. Book Condition: New. Power Electronics Laboratory: Theory, Practice & Organization provides an up-to-date and balanced coverage of all important power electronic devices including experiments on converters using new power electronic devices such as IGBTs, Power MOSFETs, etc. It will serve as a practical and necessary supplement to the main text for undergraduate, postgraduate and diploma students of electrical, electronics and telecommunication engineering. The book is also a rich source of information to instructors, teachers, manufacturers of Drives and laboratory incharges. It also provides relevant information for the development and organization of a well-equipped power electronics instructional laboratory. Key Features Four appendices covering general instructions, commonly used ICs and devices employed in control and triggering circuits. Table of Contents Foreword / Preface / Introduction / Power Electronic Devices and Circuits / Apparatus and Safety Measures for a Power Electronics Lab / Characteristics of a Thyristor and a Triac / Different Triggering Circuits for Thyristors / Single-phase Firing Circuits Suitable for Triggering Thyristors in a Single-phase AC Voltage Controller or Converters / Different Types of Single-phase AC Regulators / Single-phase Fully Controlled Bridge Converter / Single-phase Half Controlled Symmetrical and Asymmetrica Bridge Converters / Two-stage Sequence Controlled Single-phase Converters / Different Types of DC Choppers (DC to DC Converters) / Step-down Thyristorized Choppers / MOSFET/IGBT/Transistorized Single-phase PWM Converters / Single-phase Cycloconverters / Single-phase MOSFET/IGBT / Power Transistor Inverters / Microprocessor Support Chips and PWM Chip Used Single-phase Sinusoidal PWM Inverters and Voltage to Frequency Ratio (V/F) Control for Single-phase Induction Motor / Single-phase Modified Series Inverter / Temperature Control of a Soldering-iron with a Closed Loop Proportional Control and ON-OFF Hysteresis Control / Three-phase, Half-controlled Thyristorized Bridge Converter with Triggering Circuit / Three-phase Fully-Controlled Thyristor Bridge Converter with Triggering Circuits / Three-phase Thyristorized AC Regulator / Microprocessor...



[Read Power Electronics Laboratory: Theory, Practice & Organization Online](#)



[Download PDF Power Electronics Laboratory: Theory, Practice & Organization](#)



[Download ePub Power Electronics Laboratory: Theory, Practice & Organization](#)

## Other Kindle Books



**[PDF] Hard Up and Hungry: Hassle Free Recipes for Students, by Students**

Follow the web link listed below to read "Hard Up and Hungry: Hassle Free Recipes for Students, by Students" PDF file.

[Read ePub »](#)



**[PDF] Access2003 Chinese version of the basic tutorial (secondary vocational schools teaching computer series)**

Follow the web link listed below to read "Access2003 Chinese version of the basic tutorial (secondary vocational schools teaching computer series)" PDF file.

[Read ePub »](#)



**[PDF] scientific literature retrieval practical tutorial(Chinese Edition)**

Follow the web link listed below to read "scientific literature retrieval practical tutorial(Chinese Edition)" PDF file.

[Read ePub »](#)



**[PDF] 101 Ways to Beat Boredom: NF Brown B/3b**

Follow the web link listed below to read "101 Ways to Beat Boredom: NF Brown B/3b" PDF file.

[Read ePub »](#)



**[PDF] Adobe Indesign CS/Cs2 Breakthroughs**

Follow the web link listed below to read "Adobe Indesign CS/Cs2 Breakthroughs" PDF file.

[Read ePub »](#)



**[PDF] Cinderella: The Real Story: Red (KS2) A/5c**

Follow the web link listed below to read "Cinderella: The Real Story: Red (KS2) A/5c" PDF file.

[Read ePub »](#)



**[PDF] Who Am I in the Lives of Children? an Introduction to Early Childhood Education, Enhanced Pearson Etext with Loose-Leaf Version -- Access Card Package**

Access the link under to download and read "Who Am I in the Lives of Children? an Introduction to Early Childhood Education, Enhanced Pearson Etext with Loose-Leaf Version - Access Card Package" PDF document.

[Save ePub »](#)



**[PDF] Patent Ease: How to Write You Own Patent Application (Paperback)**

Access the link under to download and read "Patent Ease: How to Write You Own Patent Application (Paperback)" PDF document.

[Save ePub »](#)



**[PDF] Scherzo Capriccioso, Op.66 / B.131: Study Score (Paperback)**

Access the link under to download and read "Scherzo Capriccioso, Op.66 / B.131: Study Score (Paperback)" PDF document.

[Save ePub »](#)



**[PDF] Carnival Overture, Op.92 / B.169: Study Score (Paperback)**

Access the link under to download and read "Carnival Overture, Op.92 / B.169: Study Score (Paperback)" PDF document.

[Save ePub »](#)



**[PDF] The Well-Trained Mind: A Guide to Classical Education at Home (Hardback)**

Access the link under to download and read "The Well-Trained Mind: A Guide to Classical Education at Home (Hardback)" PDF document.

[Save ePub »](#)



**[PDF] Slavonic Rhapsodies, Op.45 / B.86: Study Score (Paperback)**

Access the link under to download and read "Slavonic Rhapsodies, Op.45 / B.86: Study Score (Paperback)" PDF document.

[Save ePub »](#)