

## Electric Circuits and Electron Devices for ANNA University (II-ECE/CSE/IT-2008 Course)



Filesize: 2.2 MB

### ***Reviews***

*This is the finest book i have got go through right up until now. I have got read and i also am confident that i am going to planning to read once again yet again in the future. You will not truly feel monotony at at any time of the time (that's what catalogs are for about if you check with me).  
(Taylor Medhurst)*

## ELECTRIC CIRCUITS AND ELECTRON DEVICES FOR ANNA UNIVERSITY (II-ECE/CSE/IT-2008 COURSE)

DOWNLOAD



Technical Publications 0. Softcover. Book Condition: New. First edition. Circuit Analysis Techniques Kirchhoff's current and voltage laws - Series and parallel connection of independent sources - R, L and C - Network theorems - Thevenin, Superposition, Norton, Maximum power transfer and duality - Star-delta conversion. Transient Resonance in RLC Circuits Basic RL, RC and RLC circuits and their responses to pulse and sinusoidal inputs - Frequency response - Parallel and series resonances - Q factor - Single tuned and double tuned circuits. Semiconductor Diodes Review of intrinsic and extrinsic semiconductors - Theory of PN junction diode - Energy band structure - Current equation - Space charge and diffusion capacitances - Effect of temperature and breakdown mechanism - Zener diode and its characteristics. Transistors Principle of operation of PNP and NPN transistors - Study of CE, CB and CC configurations and comparison of their characteristics - Breakdown in transistors - Operation and comparison of N-channel and P-channel JFET - Drain current equation - MOSFET - Enhancement and depletion types - Structure and operation - Comparison of BJT with MOSFET - Thermal effect on MOSFET. Special Semiconductor Devices (Qualitative Treatment Only) Tunnel diodes - PIN diode, Varactor diode - SCR characteristics and two transistor equivalent model -UJT - Diac and Triac - Laser, CCD, Photodiode, Phototransistor, Photoconductive and Photovoltaic cells - LED, LCD. Printed Pages: 612.



[Read Electric Circuits and Electron Devices for ANNA University \(II-ECE/CSE/IT-2008 Course\) Online](#)



[Download PDF Electric Circuits and Electron Devices for ANNA University \(II-ECE/CSE/IT-2008 Course\)](#)

## See Also

---



### **Love My Enemy**

Andersen, UK, 2004. Softcover. Book Condition: New. First Edition. Available Now. Book Description: Zee (short for Zara) lives in a quiet suburb of Belfast, with an apparently idyllic family life. But Zee's father was shot...

[Read Book »](#)

---



### **TJ new concept of the Preschool Quality Education Engineering: new happy learning young children (3-5 years old) daily learning book Intermediate (2) (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 :2005-09-01 Publisher: Chinese children before making Reading: All books are the...

[Read Book »](#)

---



### **TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (3-5 years) Intermediate (3)(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 :2005-09-01 Publisher: Chinese children before making Reading: All books are the...

[Read Book »](#)

---



### **TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (2-4 years old) in small classes (3)(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 :2005-09-01 Publisher: Chinese children before making Reading: All books are the...

[Read Book »](#)

---



### **The Case for the Resurrection: A First-Century Investigative Reporter Probes History s Pivotal Event (Paperback)**

ZONDERVAN, United States, 2010. Paperback. Book Condition: New. 180 x 127 mm. Language: English . Brand New Book. The Case for the Resurrection, a ninety-six-page booklet from bestselling author Lee Strobel, provides new evidence that...

[Read Book »](#)