

## Electrical Machines III for GTU (VI-EE-2008 Course)



Filesize: 2.37 MB

### ***Reviews***

*This ebook is very gripping and fascinating. Sure, it is engage in, nevertheless an amazing and interesting literature. It is extremely difficult to leave it before concluding, once you begin to read the book.*

***(Ms. Ora Buckridge)***

## ELECTRICAL MACHINES III FOR GTU (VI-EE-2008 COURSE)



Technical Publications 0. Softcover. Book Condition: New. First edition. Testing of DC Machine Synchronous Machines Methods of starting of synchronous motors Auto Synchronous Motor Special Machines Permanent magnet Materials 1st edition, by U.A.Bakshi, G.A.Patel Testing of DC Machine : Hopkinson test, Field test, Separation of losses, Brake test. (Chapter - 1) Synchronous Machines : Introduction, Generated emf, Harmonics in voltage waveforms, MMF of distributed windings, Rotating magnetic field, Torque, Operations, Machine efficiency, Armature reaction and it`s compensation, Short circuit ratio, Effect of increase in excitation, Effect of change in torque and speed, Determination of synchronous reactance, Regulation by ZPF method, AIEE methods, Synchronizing and load shading between two machines, Operating characteristics, Load angle and power flow equations, Capability curves, Two reaction model of salient pole machines, Parallel operations, Load sharing between generators, Effect of unequal voltages and percentage impedance, Governor characteristics, Hunting, Short circuit transients, Single phase generators, Slip test for measurement of and  $X_q$ , Sudden short circuit of synchronous machine. (Chapter - 2) Methods of starting of synchronous motors, Different torques in synchronous motor, Stability, Synchronous condenser, Synchronous phase modifiers, V-curves and O-curves of synchronous motors, Hunting of synchronous machines and its prevention. (Chapter - 3) Auto Synchronous Motor : Construction, Principle of operation, Equivalent excitation current for different rotor connections, Circle diagrams. (Chapter - 4) Special Machines : Special synchronous motors : Hysteresis and reluctance motor, Miniature motors, Automobile electric systems. Induction regulator, Inverted induction machine, Boosters and balancers, AC and DC servo motors. Permanent magnet Materials : Characteristics, B-H loop and demagnetization characteristics, Residual flux density, Coercivity, Concepts of maximum energy product and its unit MGO (Mega Gauss Orsted), Recoil line, Minor loop, Temperature effects, Applications of PM materials. Parmanent magnet machines : General construction, Working and applications of following PM machines : PMBLDC motors, PM synchronous...



[Read Electrical Machines III for GTU \(VI-EE-2008 Course\) Online](#)



[Download PDF Electrical Machines III for GTU \(VI-EE-2008 Course\)](#)

## You May Also Like



**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 ePub »](#)



**Skills for Preschool Teachers, Enhanced Pearson eText - Access Card**

Pearson Education (US), United States, 2016. Online resource. Book Condition: New. 10th edition. 279 x 216 mm. Language: English . Brand New Book. NOTE: Used books, rentals, and purchases made outside of Pearson If purchasing...

[Read ePub »](#)



**Ask Dr K Fisher About Dinosaurs**

Kingfisher, Great Britain, 2007. Softcover. Book Condition: New. Sheppard, Kate (illustrator). 32 pages. Multiple copies of this title available. For the first time, Kingfisher brings its expertise in beautifully-designed, trusted non-fiction to the sphere of...

[Read ePub »](#)



**Studyguide for Introduction to Early Childhood Education: Preschool Through Primary Grades by Jo Ann Brewer ISBN: 9780205491452**

2011. Softcover. Book Condition: New. 6th. 8.25 x 11 in. Never HIGHLIGHT a Book Again! Includes all testable terms, concepts, persons, places, and events. Cram101 Just the FACTS101 studyguides gives all of the outlines, highlights,...

[Read ePub »](#)



**Studyguide for Constructive Guidance and Discipline: Preschool and Primary Education by Marjorie V. Fields ISBN: 9780136035930**

2009. Softcover. Book Condition: New. 5th. 8.25 x 11 in. Never HIGHLIGHT a Book Again! Includes all testable terms, concepts, persons, places, and events. Cram101 Just the FACTS101 studyguides gives all of the outlines, highlights,...

[Read ePub »](#)

**The new era Chihpen woman required reading books: Chihpen woman Liu Jieli financial surgery(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 :2012-05-01 Pages: 247 Publisher: Jilin Publishing Group title: new era Chihpen

[Read eBook »](#)

**Kingfisher Readers: Your Body (Level 2: Beginning to Read Alone) (Unabridged)**

Pan Macmillan. Paperback. Book Condition: new. BRAND NEW, Kingfisher Readers: Your Body (Level 2: Beginning to Read Alone) (Unabridged), Brenda Stone, For the first time, Kingfisher brings its expertise in beautifully-designed, trusted non-fiction to the

[Read eBook »](#)

**Tax Practice (2nd edition five-year higher vocational education and the accounting profession teaching the book)(Chinese Edition)**

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Pages Number: 282 Publisher: Higher Education Pub. Date :2009-01-01 version 2. This book is

[Read eBook »](#)

**Public Opinion + Conducting Empirical Analysis**

SAGE Publications Inc, United States, 2011. Kit. Book Condition: New. Revised ed.. 279 x 217 mm. Language: English . Brand New Book. Public Opinion : One of the central tenets of a democracy is that

[Read eBook »](#)

**Talking Digital: A Parent s Guide for Teaching Kids to Share Smart and Stay Safe Online**

Createspace, United States, 2014. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book. It is time for the digital talk. Today, kids are growing up in a wired world. Their

[Read eBook »](#)