

Electrical Machines for GTU (III-ECE-2013 Course)



Filesize: 5.64 MB

Reviews

This ebook is wonderful. Of course, it really is perform, nevertheless an interesting and amazing literature. Its been printed in an extremely straightforward way and it is simply after i finished reading this ebook where in fact changed me, modify the way i believe.

(Prof. Maxwell Stracke)

ELECTRICAL MACHINES FOR GTU (III-ECE-2013 COURSE)



To download **Electrical Machines for GTU (III-ECE-2013 Course)** eBook, make sure you refer to the button beneath and download the file or have access to other information which are relevant to ELECTRICAL MACHINES FOR GTU (III-ECE-2013 COURSE) book.

Technical Publications 0. Softcover. Book Condition: New. First edition. Transformers Induction Machines Synchronous Machine DC Machines Basic of Power Transmission and Distribution 1st edition, by U. A. Bakshi, M. V. Bakshi Transformers Single phase transformer : Working principle, Construction, Types, EMF equation, Transformer on no load and on load, Vector diagram, Exact and approximate equivalent circuit, O.C and S.C. test on transformer, Regulation of transformer, Losses and efficiency, Condition for maximum efficiency, All day efficiency, Efficiency curve, Sumpner's test, Auto transformer, Saving of conductor material, Parallel operation, Conditions, Parallel with equal and unequal voltage ratio. 3 Phase transformers : Construction, Connections, Scott connection, V-V connection, Instrument transformers, Current transformers and potential transformers. Induction Machines 3 Phase induction motor : Construction, Types, Rotating magnetic field, Principle of operation, Slip, Frequency of rotor current, Rotor emf, Rotor current, Expression for torque, Conditions for maximum torque, Torque slip characteristics, Starting torque in squirrel cage and slip ring motors, Effect of change in supply voltage on torque, Slip and speed, Relation between full load torque and maximum torque, Power stages in induction motor, Vector diagram and equivalent circuit, Circle diagram, Construction and calculation, Speed control of 3 phase motor, Starting methods for 3 phase induction motor. Single phase motor : Double revolving field theory, Starting methods, No load and block rotor test, Equivalent circuit, Types of single phase motor. Synchronous Machine Alternator, Basic principle, Construction, Pitch factor, Distribution factor, EMF equation Alternator on load, Voltage regulation, Synchronous impedance method, MMF method, ZPF method, Parallel operation, Synchronization of alternator. Synchronous motor : Basic principle, Methods of starting, Application. DC Machines DC generator : Construction features, EMF equation of dc generator, Methods of excitation, Losses condition for maximum efficiency, Armature reaction, Interpoles and compensating winding, Commutation, Methods of improving commutation, Characteristics of separately excited and self excited...



[Read Electrical Machines for GTU \(III-ECE-2013 Course\) Online](#)



[Download PDF Electrical Machines for GTU \(III-ECE-2013 Course\)](#)

Related PDFs



[PDF] 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)

Access the link listed below to download "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)" document.

[Save PDF »](#)



[PDF] 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)

Access the link listed below to download "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)" document.

[Save PDF »](#)



[PDF] 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)

Access the link listed below to download "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)" document.

[Save PDF »](#)



[PDF] Big Machines - Read it Yourself with Ladybird: Level 2

Access the link listed below to download "Big Machines - Read it Yourself with Ladybird: Level 2" document.

[Save PDF »](#)



[PDF] Alfred s Kid s Guitar Course 1: The Easiest Guitar Method Ever!, Book, DVD Online Audio, Video Software

Access the link listed below to download "Alfred s Kid s Guitar Course 1: The Easiest Guitar Method Ever!, Book, DVD Online Audio, Video Software" document.

[Save PDF »](#)



[PDF] Alfred s Kid s Piano Course Complete: The Easiest Piano Method Ever!, Book, DVD Online Audio Video

Access the link listed below to download "Alfred s Kid s Piano Course Complete: The Easiest Piano Method Ever!, Book, DVD Online Audio Video" document.

[Save PDF »](#)