



[DOWNLOAD](#)



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

By U.A. Bakshi,M.V. Bakshi

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, Allday 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...



[READ ONLINE](#)

[2.7 MB]

Reviews

This ebook may be worth purchasing. it absolutely was written extremely completely and useful. You will not truly feel monotony at whenever you want of your respective time (that's what catalogs are for relating to when you ask me).

-- **Idella Halvorson**

It is just one of my personal favorite publication. It is among the most awesome publication i have read. It is extremely difficult to leave it before concluding, once you begin to read the book.

-- **Delia Rutherford**