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This book provides an overview of the basics of electrical and electronic engineering that are required at the undergraduate level. Efforts have been taken to keep the complexity level of the subject to bare minimum so that the students of non electrical/electronics can easily understand the basics. It offers an unparalleled exposure to the entire gamut of topics such as Electricity Fundamentals, Network Theory, Electro-magnetism, Electrical Machines, Transformers, Measuring Instruments ...

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List of All Basic Electrical Laws and Theorems

Dr Nagsarkar and Dr Sukhija have also jointly authored Basic Electrical and Electronics Engineering (OUP, 2012), Power System Analysis 2e (OUP 2014), and Circuits and Networks: Design, Analysis ...

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Fundamentals of Electrical Engineering I

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In its simplest terms, electricity is the movement of charge, which is considered by convention to be, from positive to negative. No matter how the charge is created, chemically (like in batteries) or physically (friction from socks and carpet), the movement of the discharge is electricity.

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