



## Electric Circuits and Electronic Devices

By David A Bell

OUP India. Paperback. Book Condition: new. BRAND NEW, Electric Circuits and Electronic Devices, David A Bell, Electric Circuits and Electronic Devices is designed to serve as a textbook for undergraduate engineering courses in electronics, computer science, information technology, and biomedical sciences. It provides a balanced presentation of the two key subjects of electric circuits and electronic devices. Discussing electric circuits in the first part, the text begins with simple resistive circuit calculations, moving on to complex ac network analysis techniques and theorems. The second part provides a comprehensive treatment of electronic devices. Beginning with basic semiconductor and pn junction theory, this part covers transistors and special semiconductor devices. It discusses the operation, characteristics, and parameters of each device, presenting appropriate circuit applications. The book is written in a lucid manner, supported by illustrations to help students understand each new concept, or analysis method as it is introduced. Explanatory captions are included for almost all illustrations, and each illustration is carefully discussed in the text.



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