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Principles of electronics

Mehta, V. K.; Mehta, Shalu

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Abstract:

Electronics has become the most important and talked about since today. More and more people are taking a serious interest in this subject, either as a career or as an absorbing hobby. Here is a book which leads you to the world of electronics. This text is intended primarily for the students preparing for diploma, A.M.I.E. section B, degree and other engineering examinations. It also meets the needs of those readers who want to gain a sound understanding of the principles of electronics. Three outstanding features are claimed for this book. First is the styling-- the author has used the same lecture style that proved successful in his previous texts. Second, the book is easy to read and stimulating in its direct personal approach. Third, the emphasis is on concepts and not on mathematical derivations. It is hoped that these features will help the readers to understand the theoretical and practical aspects of electronics. Author lays no claim to the original research in preparing the book. Liberal use of the materials available in (his) works of eminent authors have been made. What he may claim, in all modesty, is that he has tried to fashion the vast amount of material available from primary and secondary sources into coherent body of description and analysis.

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caters to the requirements of those readers who wish to increase their knowledge and gain a sound grounding in the basics of electronics. The chapters in the book are designed as in-depth studies of the core concepts, and clearly elucidate the fundamental principles, methods, and circuits involved in electronics. Electronic devices are widely used, in our daily life in so many applications. This Book covers the physical principles of all the well-known devices and their basic circuits. In this Book I did my best to avoid the deep details of mathematical derivations and quantum transport theory, in particular. [View full-text.](#)