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the general response to the first edition of the book was very encouraging the authors feel that their work has been amply rewarded and wish to express their deep sense of gratitude in common to the large number of readers who have used it and in particular to those them who have sent helpful suggestions from time to time for the improvement of the book to enhance the utility of the book it has been decided to bring out the multicolor edition of book there are three salient features multicolor edition

this book is designed based on revised syllabus of jntu hyderabad aictc model curriculum for under graduate b tech be students of all branches those who study basic electrical engineering as one of the subject in their curriculum the primary goal of this book is to establish a firm understanding of the basic laws of electric circuits network theorems resonance three phase circuits transformers electrical machines and electrical installation

this book extensive pruning of the solved examples in the text majority of the old examples have been replaced by questions set in the latest examination papers of different engineering colleges and technical institutions

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