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***(Kade Ankunding)***

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paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Pages Number: 266 Publisher: Beijing Jiaotong University Pub. Date :2011-01-01 version 2. which the modern circuit analysis (2nd edition) by Du election. Gao Yan. Wen Yue edited. is a national electrical and electronic teaching base series of textbooks is one of the basic circuit analysis. the follow-up materials. in Beijing in 2002 is listed as teaching quality of higher education project items. In the first edition of the book is based on a comprehensive revision to do. is divided into eight chapters. The book describes the system in-depth analysis of computer-based theory of the modern circuit analysis. including: network topology theory. the establishment of the circuit equations and matrix methods. the computer solution of linear equations and sparse matrices. nonlinear circuit analysis. two port network analysis. op-amp circuit analysis and active filters. Multisim and PSpice tools for software applications. Each chapter gives exercises. exercises with answers and book references. Modern Circuit Analysis (2nd edition) as the university. junior college students to learn circuit theory textbooks. but also as a reference for relevant professional and technical personnel. Contents: Explanation of symbols commonly used in circuit theory part of Chapter 1. Computer Methods and matrix operations Sparse matrix calculations 1.1 1.2 a few basic concepts of mathematics Gauss elimination method for solving linear equations algorithm 1.2.2 Description 1.2.1 Analysis Example 1.2. 3 Select the main elements of 1.3 LU decomposition algorithm for solving linear equations 1.3.1 Description 1.3.2 Analysis 1.4 Example sparse matrix theory 1.4.1 pivoting sparse matrix storage and sorting 1.4.2 complex frequencies and complex plane 1.5 Exercise 2.1 Chapter circuit matrix analysis tree network topology Figure 2.1.2 2.1.3 2.1.1 2.1.4 ring set cut-set duality 2.2 2.1.5 2.2.1 Standard...

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