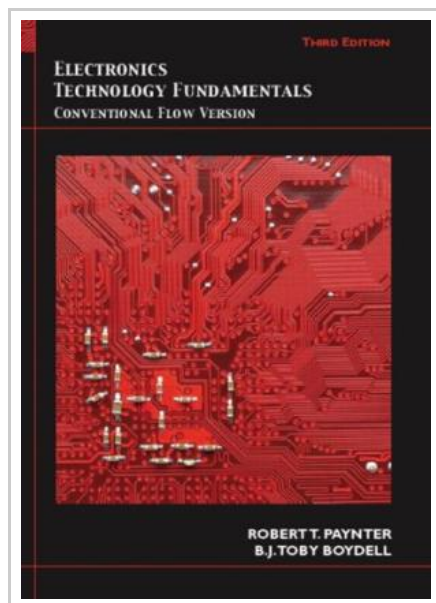




Electronics Technology Fundamentals: Conventional Flow Version (3rd Edition)

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Prentice Hall, 2008. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: PART I BASIC DC PRINCIPLES AND CIRCUITS 1 PRINCIPLES OF ELECTRICITY 2 COMPONENTS AND CIRCUIT MEASUREMENTS 3 OHM'S LAW AND POWER 4 SERIES CIRCUITS 5 PARALLEL CIRCUITS 6 SERIES-PARALLEL CIRCUITS 7 CIRCUIT ANALYSIS TECHNIQUES 8 MAGNETISM PART II BASIC AC PRINCIPLES AND CIRCUITS 9 ALTERNATING CURRENT AND AC MEASUREMENTS 10 INDUCTORS AND TRANSFORMERS 11 RESISTIVE-INDUCTIVE (RL) CIRCUITS 12 CAPACITORS 13 RESISTIVE-CAPACITIVE (RC) CIRCUITS 14 RLC CIRCUITS AND RESONANCE 15 FREQUENCY RESPONSE AND PASSIVE FILTERS 16 RL AND RC CIRCUIT PULSE RESPONSE PART III ELECTRONIC DEVICES AND CIRCUITS 17 INTRODUCTION TO SOLID-STATE COMPONENTS: DIODES 18 BASIC DIODE CIRCUITS 19 BIPOLAR JUNCTION TRANSISTOR OPERATION AND BIASING 20 BJT AMPLIFIERS 21 FIELD-EFFECT TRANSISTORS AND CIRCUITS 22 OPERATIONAL AMPLIFIERS 23 ACTIVE FILTERS AND OSCILLATORS 24 SWITCHING CIRCUITS 25 DISCRETE AND INTEGRATED VOLTAGE REGULATORS 26 THYRISTORS AND OTHER DEVICES Appendix A Conversions and Units Appendix B Resistor Standard values and Color Codes Appendix C Specification Sheets Appendix D Selected Equation Derivations Appendix E h-Parameters Appendix F Polar and Rectangular Notations Appendix G Glossary Appendix H Answers to Selected Odd-Numbered Problems Index.



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