

Circuit And Network Analysis By Sudhakar

WHEN SOMEBODY SHOULD GO TO THE BOOK STORES, SEARCH INTRODUCTION BY SHOP, SHELF BY SHELF, IT IS REALLY PROBLEMATIC. THIS IS WHY WE PRESENT THE EBOOK COMPILATIONS IN THIS WEBSITE. IT WILL EXTREMELY EASE YOU TO SEE GUIDE **CIRCUIT AND NETWORK ANALYSIS BY SUDHAKAR** AS YOU SUCH AS.

BY SEARCHING THE TITLE, PUBLISHER, OR AUTHORS OF GUIDE YOU IN REALITY WANT, YOU CAN DISCOVER THEM RAPIDLY. IN THE HOUSE, WORKPLACE, OR PERHAPS IN YOUR METHOD CAN BE EVERY BEST AREA WITHIN NET CONNECTIONS. IF YOU PURPOSE TO DOWNLOAD AND INSTALL THE **CIRCUIT AND NETWORK ANALYSIS BY SUDHAKAR**, IT IS VERY SIMPLE THEN, BACK CURRENTLY WE EXTEND THE CONNECT TO PURCHASE AND CREATE BARGAINS TO DOWNLOAD AND INSTALL **CIRCUIT AND NETWORK ANALYSIS BY SUDHAKAR** CORRESPONDINGLY SIMPLE!

PULSE AND DIGITAL CIRCUITS - RAO K VENKATA 2010

PULSE AND DIGITAL CIRCUITS IS DESIGNED TO CATER TO THE NEEDS OF UNDERGRADUATE STUDENTS OF ELECTRONICS AND COMMUNICATION ENGINEERING. WRITTEN IN A LUCID, STUDENT-FRIENDLY STYLE, IT COVERS KEY TOPICS IN THE AREA OF PULSE AND DIGITAL CIRCUITS. THIS IS AN INTRODUCTORY TEXT THAT DISCUSSES THE BASIC CONCEPTS INVOLVED IN THE DESIGN, OPERATION AND ANALYSIS OF WAVESHAPING CIRCUITS. THE BOOK INCLUDES A PRELIMINARY CHAPTER THAT REVIEWS THE CONCEPTS NEEDED TO UNDERSTAND THE SUBJECT MATTER. EACH CONCEPT IN THE BOOK IS ACCOMPANIED BY SELF-EXPLANATORY CIRCUIT DIAGRAMS. INTERSPERSED WITH NUMEROUS SOLVED PROBLEMS, THE TEXT PRESENTS DETAILED ANALYSIS OF KEY CONCEPTS. MULTIVIBRATORS AND SWEEP GENERATORS ARE COVERED IN GREAT DETAIL IN THE BOOK.

ELECTRIC CIRCUITS AND NETWORKS - K. S. SURESH KUMAR 2009

ELECTRIC CIRCUITS AND NETWORKS IS DESIGNED TO SERVE AS A TEXTBOOK FOR A TWO-SEMESTER UNDERGRADUATE COURSE ON BASIC ELECTRIC CIRCUITS AND NETWORKS. THE BOOK BUILDS ON THE SUBJECT FROM ITS BASIC PRINCIPLES. SPREAD OVER SEVENTEEN CHAPTERS, THE BOOK CAN BE TAUGHT WITH VARYING DEGREE OF EMPHASIS ON ITS SIX SUBSECTIONS BASED ON THE COURSE REQUIREMENT. WRITTEN IN A STUDENT-FRIENDLY MANNER, ITS NARRATIVE STYLE PLACES ADEQUATE STRESS ON THE PRINCIPLES THAT GOVERN THE BEHAVIOUR OF ELECTRIC CIRCUITS AND NETWORKS.

THEORY AND PROBLEMS OF BASIC ELECTRICAL ENGINEERING,, Second Edition - NAGRATH, I.J. 2016-08-19

THIS COMPREHENSIVE BOOK WITH A BLEND OF THEORY AND SOLVED PROBLEMS ON BASIC ELECTRICAL ENGINEERING HAS BEEN UPDATED AND UPGRADED IN THE SECOND EDITION AS PER THE CURRENT NEEDS TO CATER UNDERGRADUATE STUDENTS OF ALL BRANCHES OF ENGINEERING AND TO ALL THOSE WHO ARE APPEARING IN COMPETITIVE EXAMINATIONS SUCH AS AMIE, GATE AND GRADUATE IETE. THE TEXT PROVIDES A LUCID YET EXHAUSTIVE EXPOSITION OF THE FUNDAMENTAL CONCEPTS, TECHNIQUES AND DEVICES IN BASIC ELECTRICAL ENGINEERING

THROUGH A SERIES OF CAREFULLY CRAFTED SOLVED EXAMPLES, MULTIPLE CHOICE (OBJECTIVE TYPE) QUESTIONS AND REVIEW QUESTIONS. THE BOOK COVERS, IN GENERAL, THREE MAJOR AREAS: ELECTRIC CIRCUIT THEORY, ELECTRIC MACHINES, AND MEASUREMENT AND INSTRUMENTATION SYSTEMS.

NETWORK ANALYSIS & SYNTHESIS (INCLUDING LINEAR SYSTEM ANALYSIS) - C. L. WADHWA 2007

THIS BOOK HAS BEEN DESIGNED AS A BASIC TEXT FOR UNDERGRADUATE STUDENTS OF ELECTRICAL, ELECTRONICS AND COMMUNICATION AND COMPUTER ENGINEERING. IN A SYSTEMATIC AND FRIENDLY MANNER, THE BOOK EXPLAINS NOT ONLY THE FUNDAMENTAL CONCEPTS LIKE CIRCUIT ELEMENTS, KIRCHHOFF'S LAWS, NETWORK EQUATIONS AND RESONANCE, BUT ALSO THE RELATIVELY ADVANCED TOPICS LIKE STATE VARIABLE ANALYSIS, MODERN FILTERS, ACTIVE RC FILTERS AND SENSITIVITY CONSIDERATIONS. SALIENT FEATURES * BASIC CIRCUIT ELEMENTS, TIME AND PERIODIC SIGNALS AND DIFFERENT TYPES OF SYSTEMS DEFINED AND EXPLAINED. * NETWORK REDUCTION TECHNIQUES AND SOURCE TRANSFORMATION DISCUSSED. * NETWORK THEOREMS EXPLAINED USING TYPICAL EXAMPLES. * SOLUTION OF NETWORKS USING GRAPH THEORY DISCUSSED. * ANALYSIS OF FIRST ORDER, SECOND ORDER CIRCUITS AND A PERFECT TRANSFORM USING DIFFERENTIAL EQUATIONS DISCUSSED. * THEORY AND APPLICATION OF FOURIER AND LAPLACE TRANSFORMS DISCUSSED IN DETAIL. * INTERCONNECTIONS OF TWO-PORT NETWORKS AND THEIR PERFORMANCE IN TERMS OF THEIR POLES AND ZEROS EMPHASISED. * BOTH FOSTER AND CAUER FORMS OF REALISATION EXPLAINED IN NETWORK SYNTHESIS. * CLASSICAL AND MODERN FILTER THEORY EXPLAINED. * Z-T TRANSFORM FOR DISCRETE SYSTEMS EXPLAINED. * ANALOGOUS SYSTEMS AND SPICE DISCUSSED. * NUMEROUS SOLVED EXAMPLES AND PRACTICE PROBLEMS FOR A THOROUGH GRASP OF THE SUBJECT. * A HUGE QUESTION BANK OF MULTIPLE CHOICE QUESTIONS WITH ANSWERS EXHAUSTIVELY COVERING THE TOPICS DISCUSSED. WITH ALL THESE FEATURES, THE BOOK WOULD BE EXTREMELY USEFUL NOT ONLY FOR UNDERGRADUATE

ENGINEERING STUDENTS BUT ALSO FOR AMIE AND GATE CANDIDATES AND PRACTISING ENGINEERS.

NETWORK ANALYSIS AND SYNTHESIS - KUMAR, A. ANAND 2019-01-01

THIS COMPREHENSIVE TEXT ON NETWORK ANALYSIS AND SYNTHESIS IS DESIGNED FOR UNDERGRADUATE STUDENTS OF ELECTRONICS AND COMMUNICATION ENGINEERING, ELECTRICAL AND ELECTRONICS ENGINEERING, ELECTRONICS AND INSTRUMENTATION ENGINEERING, ELECTRONICS AND COMPUTER ENGINEERING AND BIOMEDICAL ENGINEERING. THE BOOK WILL ALSO BE USEFUL TO AMIE AND IETE STUDENTS. WRITTEN WITH STUDENT-CENTERED, PEDAGOGICALLY DRIVEN APPROACH, THE TEXT PROVIDES A SELF-CENTERED INTRODUCTION TO THE THEORY OF NETWORK ANALYSIS AND SYNTHESIS. STRIKING A BALANCE BETWEEN THEORY AND PRACTICE, IT COVERS TOPICS RANGING FROM CIRCUIT ELEMENTS AND KIRCHHOFF'S LAWS, NETWORK THEOREMS, LOOP AND NODE ANALYSIS OF DC AND AC CIRCUITS, RESONANCE, TRANSIENTS, COUPLED CIRCUITS, THREE-PHASE CIRCUITS, GRAPH THEORY, FOURIER AND LAPLACE ANALYSIS, FILTERS, ATTENUATORS AND EQUALIZERS TO NETWORK SYNTHESIS. ALL THE SOLVED AND UNSOLVED PROBLEMS IN THIS BOOK ARE DESIGNED TO ILLUSTRATE THE TOPICS IN A CLEAR WAY. KEY FEATURES

- NUMEROUS WORKED-OUT EXAMPLES IN EACH CHAPTER.
- SHORT QUESTIONS WITH ANSWERS HELP STUDENTS TO PREPARE FOR EXAMINATIONS.
- OBJECTIVE TYPE QUESTIONS, FILL IN THE BLANKS, REVIEW QUESTIONS AND UNSOLVED PROBLEMS AT THE END OF EACH CHAPTER TO TEST THE LEVEL OF UNDERSTANDING OF THE SUBJECT.
- ADDITIONAL EXAMPLES ARE AVAILABLE AT: WWW.PHINDIA.COM/ANAND_KUMAR_NETWORK_ANALYSIS

ELECTRONIC CIRCUIT ANALYSIS - B. VISVESVARA RAO 2012

ENGINEERING CIRCUIT ANALYSIS - HAYT 2011-09

NETWORK THEORY - N. C. JAGAN 2005

THIS BOOK ON NETWORK ANALYSIS IS GENERALLY ONE OF THE BASIC TEXTS A STUDENT OF ENGINEERING REFERS TO. WHILE CURRENTLY AVAILABLE BOOKS ON THE SUBJECT ADEQUATELY COVER THE DIFFERENT FACETS THE AUTHORS FEEL THAT THERE IS STILL A NEED FOR A BOOK WHICH PROVIDES ALL THE NECESSARY MATERIAL REQUIRED BY THE STUDENTS OF ELECTRICAL AND ELECTRONIC ENGINEERING AT ONE PLACE FOR A SOLID FOUNDATION IN THE AREA OF CIRCUIT THEORY. THE PURPOSE OF WRITING THIS BOOK IS THEREFORE TO FULFIL THIS REQUIREMENT. THE MATERIAL PRESENTED IN THIS BOOK CAN BE COVERED ADEQUATELY IN TWO SEMESTERS. THE AUTHORS HAVE TRIED TO PRESENT THE CONCEPTS OF NETWORK ANALYSIS IN A LUCID WAY SO THAT A STUDENT READING THIS BOOK WILL BE ABLE TO UNDERSTAND THE SUBJECT EASILY. NO PREREQUISITES OTHER THAN A RUDIMENTARY KNOWLEDGE OF PHYSICS INCLUDING THE CONCEPTS OF ELECTRICITY AND MAGNETISM ARE NECESSARY.

NETWORK ANALYSIS & SYNTHESIS - UDAY A. BAKSHI 2020-11-01

THE IMPORTANCE OF NETWORK ANALYSIS AND SYNTHESIS IS WELL KNOWN IN THE VARIOUS ENGINEERING FIELDS. THE BOOK PROVIDES COMPREHENSIVE COVERAGE OF THE SIGNALS AND

NETWORK ANALYSIS, NETWORK FUNCTIONS AND TWO PORT NETWORKS, NETWORK SYNTHESIS AND ACTIVE FILTER DESIGN. THE BOOK IS STRUCTURED TO COVER THE KEY ASPECTS OF THE COURSE NETWORK ANALYSIS & SYNTHESIS. THE BOOK STARTS WITH EXPLAINING THE VARIOUS TYPES OF SIGNALS, BASIC CONCEPTS OF NETWORK ANALYSIS AND TRANSIENT ANALYSIS USING CLASSICAL APPROACH. THE LAPLACE TRANSFORM PLAYS AN IMPORTANT ROLE IN THE NETWORK ANALYSIS. THE CHAPTER ON LAPLACE TRANSFORM INCLUDES PROPERTIES OF LAPLACE TRANSFORM AND ITS APPLICATION IN THE NETWORK ANALYSIS. THE BOOK INCLUDES THE DISCUSSION OF NETWORK FUNCTIONS OF ONE AND TWO PORT NETWORKS. THE BOOK COVERS THE VARIOUS ASPECTS OF TWO PORT NETWORK PARAMETERS ALONG WITH THE CONDITIONS OF SYMMETRY AND RECIPROCITY. IT ALSO DERIVES THE INTERRELATIONSHIPS BETWEEN THE TWO PORT NETWORK PARAMETERS. THE NETWORK SYNTHESIS STARTS WITH THE REALIZABILITY THEORY INCLUDING HURWITZ POLYNOMIAL, PROPERTIES OF POSITIVE REAL FUNCTIONS, STURM'S THEOREM AND MAXIMUM MODULUS THEOREM. THE BOOK COVERS THE VARIOUS ASPECTS OF ONE PORT NETWORK SYNTHESIS EXPLAINING THE NETWORK SYNTHESIS OF LC, RC, RL AND RLC NETWORKS USING FOSTER AND CAUER FORMS. THEN IT EXPLAINS THE ELEMENTS OF TRANSFER FUNCTION SYNTHESIS. FINALLY, THE BOOK ILLUSTRATES THE ACTIVE FILTER DESIGN. EACH CHAPTER PROVIDES THE DETAILED EXPLANATION OF THE TOPIC, PRACTICAL EXAMPLES AND VARIETY OF SOLVED PROBLEMS. THE EXPLANATIONS ARE GIVEN USING VERY SIMPLE AND LUCID LANGUAGE. ALL THE CHAPTERS ARE ARRANGED IN A SPECIFIC SEQUENCE WHICH HELPS TO BUILD THE UNDERSTANDING OF THE SUBJECT IN A LOGICAL FASHION. THE BOOK EXPLAINS THE PHILOSOPHY OF THE SUBJECT WHICH MAKES THE UNDERSTANDING OF THE CONCEPTS VERY CLEAR AND MAKES THE SUBJECT MORE INTERESTING.

NETWORK ANALYSIS AND SYNTHESIS - FRANKLIN F. KUO 1968

SYSTEM-LEVEL MODELING OF MEMS - OLIVER BRAND 2012-12-20

SYSTEM-LEVEL MODELING OF MEMS - MICROELECTROMECHANICAL SYSTEMS - COMPRISES INTEGRATED APPROACHES TO SIMULATE, UNDERSTAND, AND OPTIMIZE THE PERFORMANCE OF SENSORS, ACTUATORS, AND MICROSYSTEMS, TAKING INTO ACCOUNT THE INTRICACIES OF THE INTERPLAY BETWEEN MECHANICAL AND ELECTRICAL PROPERTIES, CIRCUITRY, PACKAGING, AND DESIGN CONSIDERATIONS. THEREBY, SYSTEM-LEVEL MODELING OVERCOMES THE LIMITATIONS INHERENT TO METHODS THAT FOCUS ONLY ON ONE OF THESE ASPECTS AND DO NOT INCORPORATE THEIR MUTUAL DEPENDENCIES. THE BOOK ADDRESSES THE TWO MOST IMPORTANT APPROACHES OF SYSTEM-LEVEL MODELING, NAMELY PHYSICS-BASED MODELING WITH LUMPED ELEMENTS AND MATHEMATICAL MODELING EMPLOYING MODEL ORDER REDUCTION METHODS, WITH AN EMPHASIS ON COMBINING SINGLE DEVICE MODELS TO ENTIRE SYSTEMS. AT A CLEARLY UNDERSTANDABLE AND SUFFICIENTLY DETAILED LEVEL THE READERS ARE MADE FAMILIAR WITH THE PHYSICAL AND MATHEMATICAL UNDERPINNINGS OF MEMS MODELING. THIS ENABLES THEM TO CHOOSE THE ADEQUATE METHODS FOR THE RESPECTIVE APPLICATION NEEDS. THIS WORK IS AN INVALUABLE RESOURCE FOR ALL MATERIALS SCIENTISTS,

ELECTRICAL ENGINEERS, SCIENTISTS WORKING IN THE SEMICONDUCTOR AND/OR SENSOR INDUSTRY, PHYSICISTS, AND PHYSICAL CHEMISTS.

CIRCUIT THEORY AND NETWORKS - BAGCHI SURAJIT 2010

INTRODUCTION|BASIC LAWS|METHODS OF ANALYSIS |NETWORK THEOREMS|CIRCUIT THEOREMS||LAPLACE TRANSFORMATION AND TRANSIENT ANALYSIS|GRAPH THEORY |TWOPORT NETWORK|ANALYSIS OF AC CIRCUITS|ACTIVE FILTERS |AC SINGLEPHASE CIRCUITS|THREEPHASE CIRCUITS|SPICE

THEORY AND PROBLEMS OF ELECTRIC CIRCUITS - JOSEPH EDMINISTER 1965

A TEXTBOOK OF ELECTRICAL TECHNOLOGY - VOLUME II - BL THERAJA 2005

A MULTICOLOR EDITION OF VOL.II OF A TEXTBOOK OF ELECTRICAL TECHNOLOGY TO KEEP PACE WITH THE EVER-INCREASING SCOPE OF ESSENTIAL AND MORDEN TECHNICAL INFORMATION, THE SYLLABI ARE FREQUENTLY REVISED. THIS OFTEN RESULT INTO COMPRESSING ESTABLISHED FACTS TO ACCOMMODATE RECENT INFORMATION IN THE SYLLABI. FIELDS OF POWER-ELECTRONICS AND INDUSTRIAL POWER-CONDITIONERS HAVE GROWN CONSIDERABLY RESULTING INTO CHANGED PRIORITY OF TOPICS RELATED TO ELECTRICAL MACHINES. SWITCHED RELUCTANCE-MOTORS TEND TO THREATEN THE MOST POPULAR SQUIRREL-CAGE INDUCTION MOTORS DUE TO THEIR INCREASED RUGGEDNESS, BETTER PERFORMANCE INCLUDING CONTROLLABILITY AND EQUAL EASE WITH WHICH THEY SUIT ROTARY AS WELL AS LINEAR-MOTION-APPLICATIONS.

CIRCUITS AND NETWORKS - ANANT SUDHAKAR 2006

PART OF THE MCGRAW-HILL CORE CONCEPTS IN ELECTRICAL ENGINEERING SERIES, CIRCUITS AND NETWORKS: ANALYSIS AND SYNTHESIS IS DESIGNED AS A TEXTBOOK FOR AN INTRODUCTORY CIRCUITS COURSE AT THE INTERMEDIATE UNDERGRADUATE LEVEL. THE BOOK MAY ALSO BE APPEALING TO A NON-MAJOR SURVEY COURSE IN ELECTRICAL ENGINEERING COURSE AS WELL. A PRIMARY GOAL IN CIRCUITS AND NETWORKS IS TO ESTABLISH A FIRM UNDERSTANDING OF THE BASIC LAWS OF ELECTRICAL CIRCUITS, AND TO PROVIDE STUDENTS WITH A WORKING KNOWLEDGE OF THE COMMONLY USED METHODS OF ANALYSIS IN ELECTRICAL ENGINEERING. THE TEXT ASSUMES NO MATHEMATICAL KNOWLEDGE, MAKING IT EASY FOR STUDENTS TO IMMEDIATELY JUMP INTO CIRCUIT ANALYSIS. IN ADDITION, ALL OF THE "MUST HAVE'S" FOR A CIRCUITS TEXT, SUCH AS AN EXTENSIVE INTRODUCTION TO PSpICE, ARE PRESENT IN THIS BOOK. ABOUT THE CORE CONCEPTS IN ELECTRICAL ENGINEERING SERIES: AS ADVANCES IN NETWORKING AND COMMUNICATIONS BRING THE GLOBAL ACADEMIC COMMUNITY EVEN CLOSER TOGETHER, IT IS ESSENTIAL THAT TEXTBOOKS RECOGNIZE AND RESPOND TO THIS SHIFT. IT IS IN THIS SPIRIT THAT WE WILL PUBLISH TEXTBOOKS IN THE MCGRAW-HILL CORE CONCEPTS IN ELECTRICAL ENGINEERING SERIES. THE SERIES WILL OFFER TEXTBOOKS FOR THE GLOBAL ELECTRICAL ENGINEERING CURRICULUM THAT ARE REASONABLY PRICED, INNOVATIVE, DYNAMIC, AND WILL COVER FUNDAMENTAL SUBJECT AREAS STUDIED BY ELECTRICAL AND COMPUTER ENGINEERING STUDENTS. WRITTEN WITH A GLOBAL PERSPECTIVE AND PRESENTING THE LATEST IN TECHNOLOGICAL ADVANCES, THESE

BOOKS WILL GIVE STUDENTS OF ALL BACKGROUNDS A SOLID FOUNDATION IN KEY ENGINEERING SUBJECTS.

ELECTRONIC DEVICES AND CIRCUITS - G. S. N. RAJU 2006-01-01

DETAILED THEORY, OPERATION AND APPLICATION OF DEVICES AND CIRCUITS 1000 OBJECTIVE TYPE QUESTION AND ANSWERS 150 SOLVED PROBLEMS 100 EXERCISE PROBLEMS WITH SOLUTION MANUAL 27 EXPERIMENTS POWER CONSUMPTION DETAILS ELECTRONIC DEVICES AND CIRCUITS CONTAINS THE FUNDAMENTALS OF ELECTRONIC DEVICES AND THEIR APPLICATIONS. THE BOOK IS CENTRED AROUND THE BASIC CHARACTERISTICS, ANALYSIS, DESIGN AND APPLICATION ASPECTS OF CONDUCTORS, INSULATORS, SEMI-CONDUCTORS, RESISTORS, INDUCTORS, CAPACITORS, BASIC NETWORK THEOREMS, TEST AND MEASURING METERS, FABRICATION TECHNIQUES, DIODES, TRANSISTORS, AMPLIFIERS AND OSCILLATORS. THE FUNDAMENTALS CONCEPTS OF THE SUBJECT ARE DESCRIBED POINTWISE FOR EASY READABILITY AND GRASP. SEVERAL SOLVED PROBLEMS, OBJECTIVE-TYPE QUESTIONS AND MULTIPLE-CHOICE QUESTION WITH ANSWERS, EXERCISE QUESTIONS WITH SOLUTION MANUAL AND A LARGE NUMBER WORKED OUT EXAMPLES, BESIDES 27 EXPERIMENTS CONDUCTED FOR ALL THE ENGINEERING AND SCIENT STUDENTS ARE THE HIGHLIGHT OF THE BOOK. THE ENTIRE CONTENT IN THE BOOK IS PROVIDED IN A LOGICAL, ORDERLY AND A SELF-UNDERSTANDABLE MANNER.

CIRCUITS AND NETWORKS: ANALYSIS AND SYNTHESIS - ANANT SUDHAKAR 2002

CIRCUIT AND NETWORK THEORY—GATE, PSUS AND ES EXAMINATION - SATISH K KARNA

TEST PREP FOR CIRCUIT AND NETWORK THEORY—GATE, PSUS AND ES EXAMINATION

CIRCUITS & NETWORKS 4E - ANANT SUDHAKAR 2010

THIS BOOK CATERS TO A COURSE ON CIRCUITS AND NETWORKS WITH COVERAGE OF BOTH ANALYSIS AND SYNTHESIS. LUCID LANGUAGE, FUNDAMENTAL DISCUSSIONS AND ILLUSTRATIVE EXAMPLES ARE SOME OF THE EXCELLENT FEATURES OF THIS TEXT. THERE ARE NUMEROUS SOLVED EXAMPLES EMPLOYING THE STEP WISE PROBLEM SOLVING APPROACH WHICH HELPS IN EASY GRASPING OF THE CONCEPTS BY THE STUDENTS. THE NUMERICALS EMPLOY BOTH AC AND DC METHODS OF ANALYSIS. MULTIPLE CHOICE QUESTIONS AND PRACTICE PROBLEMS HAVE BEEN PROVIDED IN PLENTY AND ARE OF GRADED CHALLENGE LEVELS, HELPING THE STUDENTS TO PREPARE FOR COMPETITIVE EXAMINATIONS. PSpICE PROBLEMS HAVE BEEN INCORPORATED TO HELP IN SIMULATION.

A TEXTBOOK OF FLUID MECHANICS - R. K. BANSAL 2005-02

NETWORK ANALYSIS AND SYNTHESIS(TWO COLOUR) - K. M. SONI 2009-01-01

NETWORK ANALYSIS - N C JAGAN 2015-07

THIS BOOK INTRODUCES THE BASIC ELEMENTS OF THE NETWORK AND PRESENTS SIMPLE ANALYSIS TECHNIQUES FOR RESISTIVE NETWORKS. STEADY STATE SINUSOIDAL ANALYSIS IS PRESENTED. TOPOLOGICAL PROPERTIES OF NETWORKS AND THE ANALYSIS OF NETWORKS

BASED ON THESE PROPERTIES ARE DISCUSSED. PROPERTIES AND ANALYSIS OF 2-PORT NETWORKS ARE COVERED.

A TEXTBOOK OF ELECTRICAL TECHNOLOGY - BL THERAJA 2008

FOR MECHNAICAL ENGGINERING STUDENTS OF INDIAN UNIVERSITIES.IT IS ALSO AVAILABLE IN 4 INDIVIDUAL PARTS

NETWORK ANALYSIS-JNTU 4E - SUDHAKAR 1964

THIS BOOK ON NETWORK ANALYSIS HAS BEEN DESIGNED KEEPING IN MIND THE STUDENTS WHO TAKE UP THIS FOUNDATION COURSE IN THEIR FIRST SEMESTER AT JNTU. FOCUSED COVERAGE OF SYLLABUS, VARIETY OF SOLVED PROBLEMS FROM PREVIOUS YEARS QUESTION PAPERS AND RIGHT LEVEL OF THEORY MAKES THIS BOOK VERY STUDENT FRIENDLY.

MICROWAVE ENGINEERING - DAVID M. POZAR 2011-11-22

POZAR'S NEW EDITION OF MICROWAVE ENGINEERING INCLUDES MORE MATERIAL ON ACTIVE CIRCUITS, NOISE, NONLINEAR EFFECTS, AND WIRELESS SYSTEMS. CHAPTERS ON NOISE AND NONLINEAR DISTORTION, AND ACTIVE DEVICES HAVE BEEN ADDED ALONG WITH THE COVERAGE OF NOISE AND MORE MATERIAL ON INTERMODULATION DISTORTION AND RELATED NONLINEAR EFFECTS. ON ACTIVE DEVICES, THERE'S MORE UPDATED MATERIAL ON BIPOLAR JUNCTION AND FIELD EFFECT TRANSISTORS. NEW AND UPDATED MATERIAL ON WIRELESS COMMUNICATIONS SYSTEMS, INCLUDING LINK BUDGET, LINK MARGIN, DIGITAL MODULATION METHODS, AND BIT ERROR RATES IS ALSO PART OF THE NEW EDITION. OTHER NEW MATERIAL INCLUDES A SECTION ON TRANSIENTS ON TRANSMISSION LINES, THE THEORY OF POWER WAVES, A DISCUSSION OF HIGHER ORDER MODES AND FREQUENCY EFFECTS FOR MICROSTRIP LINE, AND A DISCUSSION OF HOW TO DETERMINE UNLOADED.

SOLID STATE ELECTRONIC DEVICES - BEN G. STREETMAN 2000

"THIS IS THE FIFTH EDITION OF THE MOST WIDELY USED INTRODUCTORY BOOK ON SEMICONDUCTOR MATERIALS, PHYSICS, DEVICES AND TECHNOLOGY. THE BOOK WAS WRITTEN WITH TWO BASIC GOALS IN MIND: 1) DEVELOP THE BASIC SEMICONDUCTOR PHYSICS CONCEPTS TO UNDERSTAND CURRENT AND FUTURE DEVICES; 2) PROVIDE A SOUND UNDERSTANDING OF CURRENT SEMICONDUCTOR DEVICES AND TECHNOLOGY SO THAT THEIR APPLICATIONS TO ELECTRONIC AND OPTOELECTRONIC CIRCUITS AND SYSTEMS CAN BE APPRECIATED."--BOOK JACKET.TITLE SUMMARY FIELD PROVIDED BY BLACKWELL NORTH AMERICA, INC. ALL RIGHTS RESERVED

FUNDAMENTALS OF DIGITAL CIRCUITS - A. ANAND KUMAR, 2016-07-18

THE FOURTH EDITION OF THIS WELL-RECEIVED TEXT CONTINUES TO PROVIDE COHERENT AND COMPREHENSIVE COVERAGE OF DIGITAL CIRCUITS. IT IS DESIGNED FOR THE UNDERGRADUATE STUDENTS PURSUING COURSES IN AREAS OF ENGINEERING DISCIPLINES SUCH AS ELECTRICAL AND ELECTRONICS, ELECTRONICS AND COMMUNICATION, ELECTRONICS AND INSTRUMENTATION, TELECOMMUNICATIONS, MEDICAL ELECTRONICS, COMPUTER SCIENCE AND ENGINEERING, ELECTRONICS, AND COMPUTERS AND INFORMATION TECHNOLOGY. IT IS ALSO USEFUL AS A TEXT FOR MCA, M.Sc. (ELECTRONICS) AND M.Sc. (COMPUTER SCIENCE) STUDENTS. APPROPRIATE FOR SELF STUDY, THE BOOK IS USEFUL EVEN FOR AMIE AND GRAD

IETE STUDENTS. WRITTEN IN A STUDENT-FRIENDLY STYLE, THE BOOK PROVIDES AN EXCELLENT INTRODUCTION TO DIGITAL CONCEPTS AND BASIC DESIGN TECHNIQUES OF DIGITAL CIRCUITS. IT DISCUSSES BOOLEAN ALGEBRA CONCEPTS AND THEIR APPLICATION TO DIGITAL CIRCUITRY, AND ELABORATES ON BOTH COMBINATIONAL AND SEQUENTIAL CIRCUITS. IT PROVIDES NUMEROUS FULLY WORKED-OUT, LABORATORY TESTED EXAMPLES TO GIVE STUDENTS A SOLID GROUNDING IN THE RELATED DESIGN CONCEPTS. IT INCLUDES A NUMBER OF SHORT QUESTIONS WITH ANSWERS, REVIEW QUESTIONS, FILL IN THE BLANKS WITH ANSWERS, MULTIPLE CHOICE QUESTIONS WITH ANSWERS AND EXERCISE PROBLEMS AT THE END OF EACH CHAPTER.

ELECTRICAL CIRCUIT THEORY AND TECHNOLOGY - JOHN BIRD 2003-01-20

ELECTRICAL CIRCUIT THEORY AND TECHNOLOGY IS A FULLY COMPREHENSIVE TEXT FOR COURSES IN ELECTRICAL AND ELECTRONIC PRINCIPLES, CIRCUIT THEORY AND ELECTRICAL TECHNOLOGY. THE COVERAGE TAKES STUDENTS FROM THE FUNDAMENTALS OF THE SUBJECT, TO THE COMPLETION OF A FIRST YEAR DEGREE LEVEL COURSE. THUS, THIS BOOK IS IDEAL FOR STUDENTS STUDYING ENGINEERING FOR THE FIRST TIME, AND IS ALSO SUITABLE FOR PRE-DEGREE VOCATIONAL COURSES, ESPECIALLY WHERE PROGRESSION TO HIGHER LEVELS OF STUDY IS LIKELY. JOHN BIRD'S APPROACH, BASED ON 700 WORKED EXAMPLES SUPPORTED BY OVER 1000 PROBLEMS (INCLUDING ANSWERS), IS IDEAL FOR STUDENTS OF A WIDE RANGE OF ABILITIES, AND CAN BE WORKED THROUGH AT THE STUDENT'S OWN PACE. THEORY IS KEPT TO A MINIMUM, PLACING A FIRM EMPHASIS ON PROBLEM-SOLVING SKILLS, AND MAKING THIS A THOROUGHLY PRACTICAL INTRODUCTION TO THESE CORE SUBJECTS IN THE ELECTRICAL AND ELECTRONIC ENGINEERING CURRICULUM. THIS REVISED EDITION INCLUDES NEW MATERIAL ON TRANSIENTS AND LAPLACE TRANSFORMS, WITH THE CONTENT CAREFULLY MATCHED TO TYPICAL UNDERGRADUATE MODULES. FREE TUTOR SUPPORT MATERIAL INCLUDING FULL WORKED SOLUTIONS TO THE ASSESSMENT PAPERS FEATURED IN THE BOOK WILL BE AVAILABLE AT [HTTP://TEXTBOOKS.ELSEVIER.COM/](http://textbooks.elsevier.com/). MATERIAL IS ONLY AVAILABLE TO LECTURERS WHO HAVE ADOPTED THE TEXT AS AN ESSENTIAL PURCHASE. IN ORDER TO OBTAIN YOUR PASSWORD TO ACCESS THE MATERIAL PLEASE FOLLOW THE GUIDELINES IN THE BOOK.

NETWORK ANALYSIS - MAC ELWYN VAN VALKENBURG 1964

DIGITAL INSTRUMENTATION - A. J. BOUWENS 1984

ELECTRONIC DEVICES AND CIRCUITS - JACOB MILLMAN 1988

NETWORK THEORY - SMARAJIT GHOSH 2005-01-01

THIS BOOK OFFERS AN EXCELLENT AND PRACTICALLY ORIENTED INTRODUCTION TO THE BASIC CONCEPTS OF MODERN CIRCUIT THEORY. IT BUILDS A THOROUGH AND RIGOROUS UNDERSTANDING OF THE ANALYSIS TECHNIQUES OF ELECTRIC NETWORKS, AND ALSO EXPLAINS THE ESSENTIAL PROCEDURES INVOLVED IN THE SYNTHESIS OF PASSIVE NETWORKS. WRITTEN SPECIFICALLY TO MEET THE NEEDS OF UNDERGRADUATE STUDENTS OF ELECTRICAL AND

ELECTRONICS ENGINEERING, ELECTRONICS AND COMMUNICATION ENGINEERING, INSTRUMENTATION AND CONTROL ENGINEERING, AND COMPUTER SCIENCE AND ENGINEERING, THE BOOK PROVIDES MODULARIZED COVERAGE OF THE FULL SPECTRUM OF NETWORK THEORY SUITABLE FOR A ONE-SEMESTER COURSE. A BALANCED EMPHASIS ON CONCEPTUAL UNDERSTANDING AND PROBLEM-SOLVING HELPS STUDENTS MASTER THE BASIC PRINCIPLES AND PROPERTIES THAT GOVERN CIRCUIT BEHAVIOUR. A LARGE NUMBER OF SOLVED EXAMPLES SHOW STUDENTS THE STEP-BY-STEP PROCESSES FOR APPLYING THE TECHNIQUES PRESENTED IN THE TEXT. A VARIETY OF EXERCISES WITH ANSWERS AT THE CHAPTER ENDS ALLOW STUDENTS TO PRACTICE THE SOLUTION METHODS. BESIDES STUDENTS PURSUING COURSES IN ENGINEERING, THE BOOK IS ALSO SUITABLE FOR SELF-STUDY BY THOSE PREPARING FOR AMIE AND COMPETITIVE EXAMINATIONS. AN OBJECTIVE-TYPE QUESTION BANK AT THE END OF BOOK IS DESIGNED TO SEE HOW WELL THE STUDENTS HAVE MASTERED THE MATERIAL PRESENTED IN THE TEXT.

INTERCONNECTION NETWORKS - JOSE DUATO 2003

FOREWORD -- FOREWORD TO THE FIRST PRINTING -- PREFACE -- CHAPTER 1 -- INTRODUCTION -- CHAPTER 2 -- MESSAGE SWITCHING LAYER -- CHAPTER 3 -- DEADLOCK, LIVELOCK, AND STARVATION -- CHAPTER 4 -- ROUTING ALGORITHMS -- CHAPTER 5 -- COLLECTIVE COMMUNICATION SUPPORT -- CHAPTER 6 -- FAULT-TOLERANT ROUTING -- CHAPTER 7 -- NETWORK ARCHITECTURES -- CHAPTER 8 -- MESSAGING LAYER SOFTWARE -- CHAPTER 9 -- PERFORMANCE EVALUATION -- APPENDIX A -- FORMAL DEFINITIONS FOR DEADLOCK AVOIDANCE -- APPENDIX B -- ACRONYMS -- REFERENCES -- INDEX.

LOGIC DESIGN - RD SUDHAKER SAMUEL 2006-01-01

PACKED WITH NEARLY 400 ILLUSTRATIVE EXAMPLES AND EXERCISES, THIS BOOK BEGINS WITH BOOLEAN ALGEBRA AND COMBINATION LOGIC CIRCUITS AND GOES ON TO EXPLAIN THE VARIOUS METHODS OF SIMPLIFICATION OF BOOLEAN EXPRESSIONS. A BRIEF DEVIATION IS TAKEN TO LOOK AT VARIOUS LOGIC FAMILIES, THEIR STRUCTURE AND OPERATION. THIS IS FOLLOWED BY A SIMPLE APPROACH TO THE DESIGN OF COMBINATION CIRCUITS WITH MSI COMPONENTS AND PROGRAMMABLE LOGIC DEVICES WITH ILLUSTRATIONS OF ADDERS, COMPARATORS, DECODERS, ENCODERS, MULTIPLIERS AND VARIOUS FORMS OF PLDs. A TREATISE ON SEQUENTIAL CIRCUITS BEGINS WITH EXPLANATIONS OF ALL TYPES OF FLIP-FLOPS AND THEIR APPLICATIONS BACKED BY DELIGHTFUL EXAMPLES AND EXERCISES. THE BOOK

CONCLUDES WITH AN INTERESTING CHAPTER ON THE ANALYSIS AND DESIGN OF SYNCHRONOUS SEQUENTIAL CIRCUITS. WHILE THE BOOK IS A REMARKABLE REFERENCE MATERIAL FOR LOGIC DESIGN ENGINEERS, IT PROVIDES A SIMPLIFIED AND WELL-ILLUSTRATED APPROACH TO STUDENTS WHO DESIRE A SYSTEMATIC AND VIBRANT APPROACH TO THE STUDY OF LOGIC DESIGN. CONTENTS LOGIC DESIGN USING MSI COMPONENTS AND PROGRAMMABLE LOGIC DEVICES SIMPLIFICATION OF BOOLEAN EXPRESSION LOGIC GATES AND FAMILIES FLIP-FLOPS AND THEIR APPLICATIONS SYNCHRONOUS SEQUENTIAL CIRCUITS APPENDIX.

NETWORK ANALYSIS AND SYNTHESIS - BRIAN D. O. ANDERSON 2013-01-30

THIS COMPREHENSIVE LOOK AT LINEAR NETWORK ANALYSIS AND SYNTHESIS EXPLORES ~~FUNDAMENTALS OF ELECTRICAL CIRCUIT ANALYSIS~~, EMPLOYING MODERN SYSTEMS THEORY TO UNITE CLASSICAL CONCEPTS OF NETWORK THEORY. 1973 EDITION.

- M. MORRIS MANO 2013

FOR COURSES ON DIGITAL DESIGN IN AN ELECTRICAL ENGINEERING, COMPUTER ENGINEERING, OR COMPUTER SCIENCE DEPARTMENT. DIGITAL DESIGN, FIFTH EDITION IS A MODERN UPDATE OF THE CLASSIC AUTHORITATIVE TEXT ON DIGITAL DESIGN. THIS BOOK TEACHES THE BASIC CONCEPTS OF DIGITAL DESIGN IN A CLEAR, ACCESSIBLE MANNER. THE BOOK PRESENTS THE BASIC TOOLS FOR THE DESIGN OF DIGITAL CIRCUITS AND PROVIDES PROCEDURES SUITABLE FOR ~~EDUCATIONAL COURSE/DIGITAL APPLICATIONS~~.

- CHARLES K. ALEXANDER 2007

FOR USE IN AN INTRODUCTORY CIRCUIT ANALYSIS OR CIRCUIT THEORY COURSE, THIS TEXT PRESENTS CIRCUIT ANALYSIS IN A CLEAR MANNER, WITH MANY PRACTICAL APPLICATIONS. IT DEMONSTRATES THE PRINCIPLES, CAREFULLY EXPLAINING EACH STEP.

CIRCUITS AND NETWORKS - ANANT SUDHAKAR 2015

NETWORK THEORY AND FILTER DESIGN - VASUDEV K. AATRE 1986

- N C JAGAN 2015-03-02

IT IS DIVIDED INTO TWO PARTS COVERING THE TOPICS OF ELECTRICAL CIRCUIT ANALYSIS FOR THE TWO SEMESTERS OF SECOND YEAR. THE MATERIAL PRESENTED IN THIS BOOK IS OUTCOME OF THE VAST EXPERIENCE THE AUTHORS GAINED WHILE TEACHING THE SUBJECT TO THE UNDERGRADUATE STUDENTS FOR A LONG TIME.