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KEY=MAZDA - MARLEE GIOVANNA

MODERN MANUFACTURING TECHNOLOGY & COST ESTIMATION

A SYSTEMATIC APPROACH WITH ENGINEERING VISION

AuthorHouse **Modern Manufacturing Technology & Cost Estimation** offers a systematic coverage of essential advanced manufacturing processes. Throughout the book authors stress practical approach to near-net-shape and non-traditional (EDM, ECM) processes. Technological developments have recently advanced along with materials, tooling and machines. This book serves as the concise resource related to: Electrophysical and electrochemical methods and principles Near-net-shape processes and applications Technological Knowledge systems developments material - process: cost relationships; technology-oriented published, Internet and periodical information This book enables a practitioner: efficiently perform feasibility study develop a basis for cost-oriented decision support acquire new knowledge or to refresh knowledge related to manufacturing analysis and characteristics. This on-the-job book will support cost justification studies, reduce decision time which is critical for busy professionals. Furthermore, it offers common engineering vision for the cross-functional team of manufacturing engineer, product designer, purchasing specialist, sales and marketing professionals. It is written for a practitioner who does not have time to undertake the long hours needed to research the subject The cost reduction course presented in this book can become a model for a set of training courses. Additionally, the book contains useful visual models and templates, examples and diagrams. If technologies described in this book can replace several traditional operations, consolidate product features and improve quality, that means, based on **Modern Manufacturing Technology & Cost Estimation** a practitioner will be able: generate more creative and cost saving ideas, concepts correctly diagnose a manufacturing problem optimize material and process selection improve mold and die manufacturing processes

CUMULATIVE BOOK INDEX

A world list of books in the English language.

AMERICAN BOOK PUBLISHING RECORD

FORTHCOMING BOOKS

TELECOMMUNICATIONS ENGINEER'S REFERENCE BOOK

Butterworth-Heinemann **Telecommunications Engineer's Reference Book** maintains a balance between developments and established technology in telecommunications. This book consists of four parts. Part 1 introduces mathematical techniques that are required for the analysis of telecommunication systems. The physical environment of telecommunications and basic principles such as the teletraffic theory, electromagnetic waves, optics and vision, ionosphere and troposphere, and signals and noise are described in Part 2. Part 3 covers the political and regulatory environment of the telecommunications industry, telecommunication standards, open system interconnect reference model, multiple access techniques, and network management. The last part deliberates telecommunication applications that includes synchronous digital hierarchy, asynchronous transfer mode, integrated services digital network, switching systems, centrex, and call management. This publication is intended for practicing engineers, and as a supplementary text for undergraduate courses in telecommunications.

THE CABLE AND TELECOMMUNICATIONS PROFESSIONALS' REFERENCE: PSTN, IP AND CELLULAR NETWORKS, AND MATHEMATICAL TECHNIQUES

Taylor & Francis This book is for any telecommunications-convergence professional who needs to understand the structure of the industry, the structure of telephony networks and services, and the equipment involved. With the growing variety of networks and technologies now on offer it is inevitable that some convergence will take place between different networks, services and products. New VOIP (voice over internet protocol) networks must interwork with traditional networks. For instance, mobile phones can offer data services; wireless broadband connections to laptops will allow VOIP phone calls away from base; users could have the option of 'convergent phones' that can be used on a landline when at home or business, but which can be used as a mobile when on the move, and so on. * **AUTHORITATIVE:** All contributors are recognized experts in their field and come from leading institutions. * **INTERNATIONAL:** In this age of globalization and standardization, special attention has been paid--both topically and authorially--to ensure the broad applicability and relevance of this material. * **EXHAUSTIVE:** A thorough reference covering the structure of the telecommunications industry, telephony networks and services, and equipment.

ENCYCLOPEDIA OF BUSINESS INFORMATION SOURCES

Gale Cengage

FOCAL ILLUSTRATED DICTIONARY OF TELECOMMUNICATIONS

Taylor & Francis **The Focal Illustrated dictionary of Telecommunications** is an invaluable resource for anyone studying, entering, or already working in the telecommunications industry. * **Written by experts with specialist knowledge** * **Contains essential data for on-the-job use** * **Includes over 6,000 terms, definitions and acronyms** * **Has over 350 line drawings** * **The most comprehensive reference source of this nature** A Technical Manager for Nortel Networks, Fraidoon Mazda has held various senior technical posts within the electronics and telecommunications industries. He is editor of the **Telecommunications Engineer's Reference Book**, now in its second edition, and has also edited a series of eight pocketbooks derived from this major work. Since obtaining his PhD from Cambridge University, Dr. Xerxes Mazda has worked at the Science Museum, London, in various research and management positions. He is currently the Associate Curator of Communications.

ENGINEERING MANAGEMENT

MEETING THE GLOBAL CHALLENGES, SECOND EDITION

CRC Press **Engineering Management: Meeting the Global Challenges** prepares engineers to fulfill their managerial responsibilities, acquire useful business perspectives, and take on the much-needed leadership roles to meet the challenges in the new millennium. Value addition, customer focus, and business perspectives are emphasized throughout. Also underlined are discussions of leadership attributes, steps to acquire these attributes, the areas engineering managers are expected to add value, the web-based tools which can be aggressively applied to develop and sustain competitive advantages, the opportunities offered by market expansion into global regions, and the preparations required for engineering managers to become global leaders. The book is organized into three major sections: functions of engineering management, business fundamentals for engineering managers, and engineering management in the new millennium. This second edition refocuses on the new strategy for science, technology, engineering, and math (STEM) professionals and managers to meet the global challenges through the creation of strategic differentiation and operational excellence. Major revisions include a new chapter on creativity and innovation, a new chapter on operational excellence, and combination of the chapters on financial accounting and financial management. The design strategy for this second edition strives for achieving the T-shaped competencies, with both broad-based perspectives and in-depth analytical skills. Such a background is viewed as essential for STEM professionals and managers to exert a strong leadership role in the dynamic and challenging marketplace. The material in this book will surely help engineering managers play key leadership roles in their organizations by optimally applying their combined strengths in engineering and management.

BOOK REVIEW INDEX

A MASTER CUMULATION

Vols. 8-10 of the 1965-1984 master cumulation constitute a title index.

THE STANDARD HANDBOOK FOR AERONAUTICAL AND ASTRONAUTICAL ENGINEERS

Society of Automotive Engineers Designed as a one-stop reference for engineers of all disciplines in aeronautical and aerospace engineering, this handbook seeks to filter mechanical engineering applications to specifically address aircraft and spacecraft science and military engineering.

NETWORK ANALYSIS, ARCHITECTURE, AND DESIGN

Elsevier Traditionally, networking has had little or no basis in analysis or architectural development, with designers relying on technologies they are most familiar with or being influenced by vendors or consultants. However, the landscape of networking has changed so that network services have now become one of the most important factors to the success of many third generation networks. It has become an important feature of the designer's job to define the problems that exist in his network, choose and analyze several optimization parameters during the analysis process, and then prioritize and evaluate these parameters in the architecture and design of the system. Network Analysis,

Architecture, and Design, Third Edition, uses a systems methodology approach to teaching these concepts, which views the network (and the environment it impacts) as part of the larger system, looking at interactions and dependencies between the network and its users, applications, and devices. This approach matches the new business climate where customers drive the development of new services and the book discusses how networks can be architected and designed to provide many different types of services to customers. With a number of examples, analogies, instructor tips, and exercises, this book works through the processes of analysis, architecture, and design step by step, giving designers a solid resource for making good design decisions. With examples, guidelines, and general principles McCabe illuminates how a network begins as a concept, is built with addressing protocol, routing, and management, and harmonizes with the interconnected technology around it. Other topics covered in the book are learning to recognize problems in initial design, analyzing optimization parameters, and then prioritizing these parameters and incorporating them into the architecture and design of the system. This is an essential book for any professional that will be designing or working with a network on a routine basis. Substantially updated design content includes ad hoc networks, GMPLS, IPv6, and mobile networking. Written by an expert in the field that has designed several large-scale networks for government agencies, universities, and corporations. Incorporates real-life ideas and experiences of many expert designers along with case studies and end-of-chapter exercises.

MPLS NETWORK MANAGEMENT

MIBS, TOOLS, AND TECHNIQUES

Elsevier MPLS-enabled networks are enjoying tremendous growth, but practical information on managing MPLS-enabled networks has remained hard to find. Until now. **MPLS Network Management: MIBs, Tools, and Techniques** is the first and only book that will help you master MPLS management technologies and techniques, as they apply to classic MPLS networks, traffic-engineered networks, and VPNs. Written by the co-author of most current MPLS management standards, it provides detailed, authoritative coverage of official MIBs, examining key topics ranging from syntax to access levels to object interaction. It also offers extensive consideration of third-party management interfaces, including tools for metering traffic and predicting traffic growth and behavior. If you're a network operator, network device engineer, or MPLS application developer, you need this book to get all you can out of all of MPLS's many capabilities. * The only book devoted entirely to the tools and techniques for controlling, monitoring, debugging, and optimizing MPLS-enabled networks. * Authoritative information from the co-author of most IETF MIBs relating to MPLS and GMPLS, PWE3, and PPVPN. * Covers both standards-based and proprietary management technologies. * Includes interviews with seminal figures in the development of MPLS. * Via a companion web site, provides information on late-breaking developments in MPLS management and links to additional resources. * To be followed by a second volume presenting best-practice case studies dealing with how real companies approach the management of their MPLS networks.

ORGANIZATION MANAGEMENT IN CONSTRUCTION

Routledge Today's construction environment is changing at an unprecedented pace and executives are facing a diverse set of issues - globalization, economics, workforce demographics, and technology. Moreover the traditional issues of competition and delivery are being challenged by new laws and new industry entrants; and the tasks of project and organization management are being overhauled. This all demands greater leadership from senior management. Construction executives typically reach senior level after many years mastering the art of project management, which has given them very little time or opportunity to learn the concepts and principles of organization leadership - unlike their counterparts in other industries who have been steeped in this. This book provides a comprehensive overview of the key issues that organization leaders must understand and address. It provides concise summaries by leading international authorities of the ten key strategic management issues, shows how they have emerged, and outlines their potential impact on the construction organization.

MULTIMEDIA FUNDAMENTALS, VOLUME 1

MEDIA CODING AND CONTENT PROCESSING

Pearson Education The state-of-the-art in multimedia content analysis, media foundations, and compression. Covers digital audio, images, video, graphics, and animation. Includes real-world project sets that help you build and test your expertise. By two of the world's leading experts in advanced multimedia systems development. The practical, example-rich guide to media coding and content processing for every multimedia developer. From DVDs to the Internet, media coding and content processing are central to the effective delivery of high-quality multimedia. In this book, two of the field's leading experts introduce today's state-of-the-art, presenting realistic examples and projects designed to help implementers create multimedia systems with unprecedented performance. Ralf Steinmetz and Klara Nahrstedt introduce the fundamental characteristics of digital audio, images, video, graphics, and animation; demonstrate powerful new approaches to content analysis and compression; and share expert insights into system and end-user issues every advanced multimedia professional must understand. Coverage includes: Generic characteristics of multimedia and data streams, and their impact on multimedia system design. Essential audio concepts and representation techniques: sound perception, psychoacoustics, music, MIDI, Speech signals, and related I/O and transmission issues. Graphics and image characteristics: image formats, analysis, synthesis, reconstruction, and output. Video signals, television formats, digitization, and computer-based animation issues. Fundamental compression methods: run-length, Huffman, and subband coding. Multimedia compression standards: JPEG, H.232, and various MPEG techniques. Optical storage technologies and techniques: CD-DA, CD-ROM, DVD, and beyond. Content processing techniques: Image analysis, video processing, cut detection, and audio analysis. First in an authoritative 3-volume set on tomorrow's robust multimedia desktop: real-time audio, video, and streaming media. **Multimedia Fundamentals** offers a single, authoritative source for the knowledge and techniques you need to succeed with any advanced multimedia development project. Look for Volume 2 focusing on networking and operating system-related issues, and Volume 3 focusing on service and application issues.

BASIC ELECTRICAL ENGINEERING

Pearson Education India Attuned to the needs of undergraduate students of engineering in their first year, **Basic Electrical Engineering** enables them to build a strong foundation in the subject. A large number of real-world examples illustrate the applications of complex theories. The book comprehensively covers all the areas taught in a one-semester course and serves as an ideal study material on the subject.

RESEARCH METHODS FOR CONSTRUCTION

John Wiley & Sons This new edition of a valued guide for construction students will: instil rigour into your problem solving and the production of reports and publications is one of the few books to provide guidance on research formulation, methodologies, and methods specifically for construction students has been extended in scope to cover many areas of debate, e.g. research ethics, and quantitative & qualitative research.

ENGINEERING MANAGEMENT

CHALLENGES IN THE NEW MILLENNIUM

Prentice Hall This easy-to-read book prepares engineers to fulfill their managerial responsibilities, acquire useful business perspectives, and take on the much-needed leadership roles to meet the challenges in the new millennium. The book is organized in three parts: Part I reviews the basic functions of engineering management; Part II provides backgrounds in cost accounting, financial analysis, financial management and marketing management; and Part III readies the reader for exercising leadership in managing technologies through discussions related to engineers as managers/leaders, ethics, web-based tools, globalization and engineering management in the decades to come. For engineering professionals who have an interest in becoming managers and/or leaders in their field.

MODERN CABLE TELEVISION TECHNOLOGY

Elsevier Fully updated, revised, and expanded, this second edition of **Modern Cable Television Technology** addresses the significant changes undergone by cable since 1999-- including, most notably, its continued transformation from a system for delivery of television to a scalable-bandwidth platform for a broad range of communication services. It provides in-depth coverage of high speed data transmission, home networking, IP-based voice, optical dense wavelength division multiplexing, new video compression techniques, integrated voice/video/data transport, and much more. Intended as a day-to-day reference for cable engineers, this book illuminates all the technologies involved in building and maintaining a cable system. But it's also a great study guide for candidates for SCTE certification, and its careful explanations will benefit any technician whose work involves connecting to a cable system or building products that consume cable services. *Written by four of the most highly-esteemed cable engineers in the industry with a wealth of experience in cable, consumer electronics, and telecommunications. *All new material on digital technologies, new practices for delivering high speed data, home networking, IP-based voice technology, optical dense wavelength division multiplexing (DWDM), new video compression techniques, and integrated voice/video/data transport. *Covers the latest on emerging digital standards for voice, data, video, and multimedia. *Presents distribution systems, from drops through fiber optics, and covers everything from basic principles to network architectures.

DOMESTIC WASTEWATER TREATMENT IN DEVELOPING COUNTRIES

Routledge Affordable and effective domestic wastewater treatment is a critical issue in public health and disease prevention around the world, particularly so in developing countries which often lack the financial and technical resources necessary for proper treatment facilities. This practical guide provides state-of-the-art coverage of methods for domestic wastewater treatment and provides a foundation to the practical design of wastewater treatment and re-use systems. The emphasis is on low-cost, low-energy, low-maintenance, high-performance 'natural' systems that contribute to environmental sustainability by producing effluents that can be safely and profitably used in agriculture for crop irrigation and/or in aquaculture, for fish and aquatic vegetable pond fertilization. Modern design methodologies, with worked design examples, are described for waste stabilization ponds, wastewater storage and treatment reservoirs; constructed wetlands, upflow anaerobic sludge blanket reactors, biofilters, aerated lagoons and oxidation ditches. This book is essential reading for engineers, academics and upper-level and graduate students in engineering, wastewater management and public health, and others interested in sustainable

and cost-effective technologies for reducing wastewater-related diseases and environmental damage.

TOTAL QUALITY PROJECT MANAGEMENT FOR THE DESIGN FIRM

HOW TO IMPROVE QUALITY, INCREASE SALES, AND REDUCE COSTS

John Wiley & Sons *Staying Small Successfully A Guide for Architects, Engineers, and Design Professionals* Frank A. Stasiowski Today's design professional with entrepreneurial ambitions often has in mind a small firm. Written by a veteran architect and consultant, here is a clear, detailed road map to setting up a small business or guiding an existing one to success. Using miniprofiles of several small successful design firms, the author pinpoints exactly what's made them flourish. In a step-by-step format, he describes the six elements of the strategic planning process, tips on doubling average profit levels, building a loyal clientele, making your company a magnet for top talent, as well as measuring the financial health of your firm. This all-in-one seminar includes numerous checklists and flowcharts, a list of design firm management consultants, a typical marketing plan, and a survey of typical marketing costs. 1991 (0-471-50652-4) 297 pp. *Value Pricing for the Design Firm* Frank A. Stasiowski Essential to the design firm negotiating tough economic times, here is a handbook to garnering the most effective price for your services. Making the traditional cost-per-hour approach obsolete, the book teaches you how to price services based on their value to your client. Full of tactics that can be applied immediately, the book outlines the different methods of value pricing, ways to create value, a format for charging minimum fees, and a formula for price contracts. Other practical pricing tips include mini-scoping your services, charging for reimbursables, pricing change orders, as well as advice on negotiating a better contract. Complete with sample forms and lists, the book is a practical, easy-to-implement recession survival kit for the design firm. 1993 (0-471-57933-5) 240 pp. *Cash Management for the Design Firm* Frank A. Stasiowski While excellence in design and engineering may generate clients, monitoring and planning the movement of cash is central to a company's survival. This practical guide outlines a detailed cash management plan that makes continued financial health possible even during lean economic times. Using a clear, easy-to-implement approach, the book describes: cash management techniques, project budgeting, profitable project pricing structures, controlling project and overhead costs, getting paid, and planning and monitoring performance. The book also includes valuable advice on negotiating a contract, the most profitable contract types, the purchasing process, acquiring capital equipment, and internal financial controls. Numerous checklists and exercises as well as sample reports and financial documents are included. 1993 (0-471-59711-2) 324 pp.

HANDBOOK FOR PROFESSIONAL MANAGERS

New York : McGraw-Hill Discusses management-related topics such as data processing, budgeting, decision making, quality control, productivity improvement, and organizational behavior

BUSINESS FUNDAMENTALS FOR ENGINEERING MANAGERS

Engineering managers make long and lasting impact in industry by regularly developing new technology-based projects, new service innovations and/or efficiency-centered process improvements to create strategic differentiation and operational excellence. They need certain business fundamentals, which enable decision-making autonomy, leading to new or improved product or service offerings. The focus will be on problem solving to create solutions that are technically feasible, economically viable, marketplace acceptable and customer enlightening. The book consists of three sets of business fundamentals. There will be coverage on cost accounting and control, which will discuss service and product costing, activity based costing to define overhead expenses, and risk analysis and cost estimation under uncertainty. The chapter on financial accounting and management delineates the key financial statements, analyses, balanced scorecard, and capital asset valuation. The chapter on marketing management reviews marketing functions, forecasting, segmentation, customers and other factors affecting marketing success. The new business vocabulary and useful analysis tools presented in this book will enable engineering managers to become more effective when interacting with senior management, and to ready themselves to assume higher-level corporate responsibilities. Readers will benefit from a greater depth of business fundamentals and increased decision-making capabilities.

CONTINUOUS EXCELLENCE

BUILDING EFFECTIVE ORGANIZATIONS : A HANDBOOK FOR MANAGERS AND LEADERS

Amer Society of Civil Engineers "This handbook for managers and leaders pulls together, in one resource, all that is important to know about effectively utilizing and managing change in service organizations. For leaders and managers at every level, change has become the number one necessity and headache. Employees also feel the impacts of change in service organizations. This book addresses both traditional approaches to change, such as strategic planning and new methods like re-engineering. Every important management facet or responsibility is addressed, from getting the work, to doing it well, to getting paid. It is truly a handbook for managers who want to advance their organization to the next level of performance excellence."--ABSTRACT.

INTRODUCTION TO NANOTECHNOLOGY

John Wiley & Sons This self-confessed introduction provides technical administrators and managers with a broad, practical overview of the subject and gives researchers working in different areas an appreciation of developments in nanotechnology outside their own fields of expertise.

MULTI-CRITERIA DECISION MAKING METHODS

A COMPARATIVE STUDY

Springer Science & Business Media Multi-Criteria Decision Making (MCDM) has been one of the fastest growing problem areas in many disciplines. The central problem is how to evaluate a set of alternatives in terms of a number of criteria. Although this problem is very relevant in practice, there are few methods available and their quality is hard to determine. Thus, the question 'Which is the best method for a given problem?' has become one of the most important and challenging ones. This is exactly what this book has as its focus and why it is important. The author extensively compares, both theoretically and empirically, real-life MCDM issues and makes the reader aware of quite a number of surprising 'abnormalities' with some of these methods. What makes this book so valuable and different is that even though the analyses are rigorous, the results can be understood even by the non-specialist. Audience: Researchers, practitioners, and students; it can be used as a textbook for senior undergraduate or graduate courses in business and engineering.

EMBEDDED SOFTWARE

THE WORKS

Elsevier As the embedded world expands, developers must have a strong grasp of many complex topics in order to make faster, more efficient and more powerful microprocessors to meet the public's growing demand. *Embedded Software: The Works* covers all the key subjects embedded engineers need to understand in order to succeed, including Design and Development, Programming, Languages including C/C++, and UML, Real Time Operating Systems Considerations, Networking, and much more. New material on Linux, Android, and multi-core gives engineers the up-to-date practical know-how they need in order to succeed. Colin Walls draws upon his experience and insights from working in the industry, and covers the complete cycle of embedded software development: its design, development, management, debugging procedures, licensing, and reuse. For those new to the field, or for experienced engineers looking to expand their skills, Walls provides the reader with detailed tips and techniques, and rigorous explanations of technologies. Key features include: New chapters on Linux, Android, and multi-core - the cutting edge of embedded software development! Introductory roadmap guides readers through the book, providing a route through the separate chapters and showing how they are linked About the Author Colin Walls has over twenty-five years experience in the electronics industry, largely dedicated to embedded software. A frequent presenter at conferences and seminars and author of numerous technical articles and two books on embedded software, he is a member of the marketing team of the Mentor Graphics Embedded Software Division. He writes a regular blog on the Mentor website (blogs.mentor.com/colinwalls). New chapters on Linux, Android, and multi-core - the cutting edge of embedded software development! Introductory roadmap guides readers through the book, providing a route through the separate chapters and showing how they are linked

HANDBOOK OF DESIGN OFFICE ADMINISTRATION

John Wiley & Sons Incorporated Design administrators serve a dual role: while acting as office managers, they must also become a liaison between the designers and client, as well as the consultants on projects. This professional practice book is written for both large and small design firms, with chapters devoted to all aspects of design administration, from project management and marketing, to human resources and accounting.

STRATEGIC CORPORATE MANAGEMENT FOR ENGINEERING

Oxford University Press on Demand Combining theory and field studies of over 150 civil engineering organizations into a resource for engineering managers and executives, this book presents the "Seven Areas of Strategic Management" and the need to address these as a complement to traditional project management.

GLOBALIZATION

A BASIC TEXT

John Wiley & Sons Updated to reflect recent global developments, the second edition of *Globalization: A Basic Text* presents an up-to-date introduction to major trends and topics relating to globalization studies. Features updates and revisions in its accessible introduction to key theories and major topics in globalization Includes an enhanced emphasis on

issues relating to global governance, emerging technology, global flows of people, human trafficking, global justice movements, and global environmental sustainability Utilizes a unique set of metaphors to introduce and explain the highly complex nature of globalization in an engaging and understandable manner Offers an interdisciplinary approach to globalization by drawing from fields that include sociology, global political economy, political science, international relations, geography, and anthropology Written by an internationally recognized and experienced author team

C PROGRAMMING AND DATA STRUCTURES (FOR JNTU)

30 BANGS

THE SHAPING OF ONE MAN'S GAME FROM PATIENT MOUSE TO RABID WOLF

Createspace Indie Pub Platform Erotic memoir

ADVANCED ENGINEERING MATHEMATICS

A COMPUTER APPROACH

Infinity Science PressLlc Unlike Many Engineering Mathematics Books, The New Edition Of This Comprehensive Applications-Oriented Book Uses Computer Programs In Almost Every Chapter To Demonstrate The Mathematical Concepts Under Discussion. Designed For Engineering Students As Well As Practicing Engineers And Scientists, The Book Has Hundreds Of Examples With In-Text Solutions. In Terms Of Content, It Covers The Entire Sequence Of Mathematical Topics Needed By The Majority Of University Programs, Including ODE, PDE, Complex Variables, Probability/Statistics, And Numerical Methods. The Authors Demonstrate How The Mathematical Concepts Will Be Used In Practical Applications Such As Fractals, Robotics, Circuits, Membrane Simulation, Collision Detection, Ray Tracing, Signal Processing, And More. A CD-ROM With The Source Code For The In-Text Computer Programs (Written In C) Includes Calculation Routines And Simulations.

SMART GRID COMMUNICATIONS AND NETWORKING

Cambridge University Press This one-stop reference provides the state-of-the-art theory, key strategies, protocols, deployment aspects, standardization activities and experimental studies of communication and networking technologies for the smart grid. Expert authors provide all the essential information researchers need to progress in the field and to allow power systems engineers to optimize their communication systems.

HOGAN PERSONALITY INVENTORY MANUAL

ELECTRONIC DEVICES AND CIRCUITS

PHI Learning Pvt. Ltd. Designed specifically for undergraduate students of Electronics and Electrical Engineering and its related disciplines, this book offers an excellent coverage of all essential topics and provides a solid foundation for analysing electronic circuits. It covers the course named Electronic Devices and Circuits of various universities. The book will also be useful to diploma students, AMIE students, and those pursuing courses in B.Sc. (Electronics) and M.Sc. (Physics). The students are thoroughly introduced to the full spectrum of fundamental topics beginning with the theory of semiconductors and p-n junction behaviour. The devices treated include diodes, transistors—BJTs, JFETs and MOSFETs—and thyristors. The circuitry covered comprises small signal (ac), power amplifiers, oscillators, and operational amplifiers including many important applications of those versatile devices. A separate chapter on IC fabrication technology is provided to give an idea of the technologies being used in this area. There are a variety of solved examples and applications for conceptual understanding. Problems at the end of each chapter are provided to test, reinforce and enhance learning.

CLASS 1 OXIDOREDUCTASES V

EC 1.2

Springer Science & Business Media The objective of the Springer Handbook of Enzymes is to provide in concise form data on enzymes sufficiently well characterized. Data sheets are arranged in their EC-Number sequence. Each volume comprises one enzyme class, sometimes the enzyme classes have to be divided into several volumes. Considerable progress has been made in enzymology since the publication of the first edition (published as "Enzyme Handbook"): many enzymes are newly classified or reclassified. In the 2nd edition each entry is correlated with references and one or more source organisms. New datafields are created: "application" and "engineering" (for the properties of enzymes where the sequence has been changed). Altogether the amount of data has doubled so that the 2nd edition will consist of 39 volumes plus synonym index. This collection is an indispensable source of information for researchers in biochemistry, biotechnology, organic and analytical chemistry, and food sciences.

THE NEUROTIC ORGANIZATION

DIAGNOSING AND CHANGING COUNTERPRODUCTIVE STYLES OF MANAGEMENT

Jossey-Bass Is your organization obsessive-compulsive or passive-aggressive? Corporate neurosis expert Manfred Kets de Vries analyzes dysfunctional organizational behavior in terms of accepted psychoanalytic types and arrives at some genuine insights into why some companies are healthier than others.

C AND DATA STRUCTURES

John Wiley & Sons This book has been designed for B.E., M.C.A., B.C.A. or M.Sc Students of most Indian universities as well as those preparing for C-related aptitude tests and interviews.

CLASS 1 OXIDOREDUCTASES IX

EC 1.6 - 1.8

Springer Science & Business Media The Springer Handbook of Enzymes provides concise data on some 5,000 enzymes sufficiently well characterized - and here is the second, updated edition. Their application in analytical, synthetic and biotechnology processes as well as in food industry, and for medicinal treatments is added. Data sheets are arranged in their EC-Number sequence. The new edition reflects considerable progress in enzymology: the total material has more than doubled, and the complete 2nd edition consists of 39 volumes plus Synonym Index. Starting in 2009, all newly classified enzymes are treated in Supplement Volumes.