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Maynard's Industrial and Systems Engineering Handbook, 6E Maintenance Engineering Handbook The Fire Chief's Handbook The Electrical Engineering Handbook Maynard's Industrial Engineering Handbook Mechanical Engineer's Handbook AIAA Aerospace Design Engineers Guide Perry's Chemical Engineers' Handbook, 9th Edition The Electrical Engineering Handbook - Six Volume Set Handbook of Energy Engineering, Sixth Edition Maintenance Engineering Handbook, Eighth Edition Building Design and Construction Handbook, 6th Edition NASA Systems Engineering Handbook (NASA/SP-2007-6105 Rev1) Statistics for Engineering and the Sciences Student Solutions Manual Process / Industrial Instruments and Controls Handbook, Sixth Edition Building Design and Construction Handbook Mechanical Engineer's Handbook NASA Systems Engineering Handbook The Fire Chief's Handbook, 7th Edition INCOSE Systems Engineering Handbook Chemical Engineering Design Control Systems Engineering CDMA Systems Engineering Handbook Quality Engineering Handbook Maintenance Engineering Handbook A Concise Introduction to Engineering Graphics Including Worksheet Series A Sixth Edition The Electrical Engineering Handbook - Six Volume Set, Third Edition Handbook of Industrial and Systems Engineering Engineering Fundamentals: An Introduction to Engineering, SI Edition Engineering Surveying, Sixth Edition Concrete Masonry Handbook for Architects, Engineers, Builders Traffic Engineering Handbook Juran's Quality Handbook: The Complete Guide to Performance Excellence 6/e Manufacturing Engineering Handbook, Second Edition Handbook of Biomedical Engineering Modern Recording Techniques NASA Systems Engineering Handbook Fermentation and Biochemical Engineering Handbook The Six SIGMA Handbook, Sixth Edition: A Complete Guide for Green Belts, Black Belts, and Managers at All Levels Plant Equipment & Maintenance Engineering Handbook

Responding to the demand by researchers and practitioners for a comprehensive reference, Handbook of Industrial and Systems Engineering offers full and easy access to a wide range of industrial and systems engineering tools and techniques in a concise format. Providing state of the art coverage from more than 40 contributing authors, many of whom a In two editions spanning more than a decade, The Electrical Engineering Handbook stands as the definitive reference to the multidisciplinary field of electrical engineering. Our knowledge continues to grow, and so does the Handbook. For the third edition, it has grown into a set of six books carefully focused on specialized areas or fields of study. Each one represents a concise yet definitive collection of key concepts, models, and equations in its respective domain, thoughtfully gathered for convenient access. Combined, they constitute the most comprehensive, authoritative resource available. Circuits, Signals, and Speech and Image Processing presents all of the basic information related to electric circuits and components, analysis of circuits, the use of the Laplace transform, as well as signal, speech, and image processing using filters and algorithms. It also examines emerging areas such as text to speech synthesis, real-time processing, and embedded signal processing. Electronics, Power Electronics, Optoelectronics, Microwaves, Electromagnetics, and Radar delves into the fields of electronics, integrated circuits, power electronics, optoelectronics, electromagnetics, light waves, and radar, supplying all of the basic information required for a deep understanding of each area. It also devotes a section to electrical effects and devices and explores the emerging fields of

microlithography and power electronics. Sensors, Nanoscience, Biomedical Engineering, and Instruments provides thorough coverage of sensors, materials and nanoscience, instruments and measurements, and biomedical systems and devices, including all of the basic information required to thoroughly understand each area. It explores the emerging fields of sensors, nanotechnologies, and biological effects. Broadcasting and Optical Communication Technology explores communications, information theory, and devices, covering all of the basic information needed for a thorough understanding of these areas. It also examines the emerging areas of adaptive estimation and optical communication. Computers, Software Engineering, and Digital Devices examines digital and logical devices, displays, testing, software, and computers, presenting the fundamental concepts needed to ensure a thorough understanding of each field. It treats the emerging fields of programmable logic, hardware description languages, and parallel computing in detail. Systems, Controls, Embedded Systems, Energy, and Machines explores in detail the fields of energy devices, machines, and systems as well as control systems. It provides all of the fundamental concepts needed for thorough, in-depth understanding of each area and devotes special attention to the emerging area of embedded systems. Encompassing the work of the world's foremost experts in their respective specialties, The Electrical Engineering Handbook, Third Edition remains the most convenient, reliable source of information available. This edition features the latest developments, the broadest scope of coverage, and new material on nanotechnologies, fuel cells, embedded systems, and biometrics. The engineering community has relied on the Handbook for more than twelve years, and it will continue to be a platform to launch the next wave of advancements. The Handbook's latest incarnation features a protective slipcase, which helps you stay organized without overwhelming your bookshelf. It is an attractive addition to any collection, and will help keep each volume of the Handbook as fresh as your latest research. A "must-have" book for wireless communication engineers, this guide strengthens knowledge of Code Division Multiple Access (CDMA) technology, and builds an understanding of the technical details and engineering design principles behind the new IS-95 digital cellular system standard. Through 2,000 equations and 700 figures and tables, the book helps practicing cellular engineers better understand the technical elements associated with the CDMA system, and how they are applied to the IS-95 standard. A detailed and thorough reference on the discipline and practice of systems engineering The objective of the International Council on Systems Engineering (INCOSE) Systems Engineering Handbook is to describe key process activities performed by systems engineers and other engineering professionals throughout the life cycle of a system. The book covers a wide range of fundamental system concepts that broaden the thinking of the systems engineering practitioner, such as system thinking, system science, life cycle management, specialty engineering, system of systems, and agile and iterative methods. This book also defines the discipline and practice of systems engineering for students and practicing professionals alike, providing an authoritative reference that is acknowledged worldwide. The latest edition of the INCOSE Systems Engineering Handbook: Is consistent with ISO/IEC/IEEE 15288:2015 Systems and software engineering—System life cycle processes and the Guide to the Systems Engineering Body of Knowledge (SEBoK) Has been updated to include the latest concepts of the INCOSE working groups Is the body of knowledge for the INCOSE Certification Process This book is ideal for any engineering professional who has an interest in or needs to apply systems engineering practices. This includes the experienced systems engineer who needs a convenient reference, a product engineer or engineer in another discipline who needs to perform systems engineering, a new systems engineer, or anyone interested in learning more about systems engineering. Specifically designed as an introduction to the exciting world of engineering, ENGINEERING FUNDAMENTALS: AN INTRODUCTION TO ENGINEERING encourages students to become engineers and prepares them with a solid foundation in the fundamental principles and physical laws. The book begins with a discovery of what engineers do as well as an inside look into the various areas of specialization. An explanation on good study habits and what it takes to succeed is included as well as an introduction to design and problem solving, communication, and ethics. Once this foundation is established, the book moves on to the basic physical concepts and laws that

students will encounter regularly. The framework of this text teaches students that engineers apply physical and chemical laws and principles as well as mathematics to design, test, and supervise the production of millions of parts, products, and services that people use every day. By gaining problem solving skills and an understanding of fundamental principles, students are on their way to becoming analytical, detail-oriented, and creative engineers. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

"Updated, modernized, digitized, and streamlined edition of this classic handbook which has been educating plant and facility professionals in every aspect of maintenance engineering for more than half a century"-- Chemical Engineering Design, Second Edition, deals with the application of chemical engineering principles to the design of chemical processes and equipment. Revised throughout, this edition has been specifically developed for the U.S. market. It provides the latest US codes and standards, including API, ASME and ISA design codes and ANSI standards. It contains new discussions of conceptual plant design, flowsheet development, and revamp design; extended coverage of capital cost estimation, process costing, and economics; and new chapters on equipment selection, reactor design, and solids handling processes. A rigorous pedagogy assists learning, with detailed worked examples, end of chapter exercises, plus supporting data, and Excel spreadsheet calculations, plus over 150 Patent References for downloading from the companion website. Extensive instructor resources, including 1170 lecture slides and a fully worked solutions manual are available to adopting instructors. This text is designed for chemical and biochemical engineering students (senior undergraduate year, plus appropriate for capstone design courses where taken, plus graduates) and lecturers/tutors, and professionals in industry (chemical process, biochemical, pharmaceutical, petrochemical sectors). New to this edition: Revised organization into Part I: Process Design, and Part II: Plant Design. The broad themes of Part I are flowsheet development, economic analysis, safety and environmental impact and optimization. Part II contains chapters on equipment design and selection that can be used as supplements to a lecture course or as essential references for students or practicing engineers working on design projects. New discussion of conceptual plant design, flowsheet development and revamp design Significantly increased coverage of capital cost estimation, process costing and economics New chapters on equipment selection, reactor design and solids handling processes New sections on fermentation, adsorption, membrane separations, ion exchange and chromatography Increased coverage of batch processing, food, pharmaceutical and biological processes All equipment chapters in Part II revised and updated with current information Updated throughout for latest US codes and standards, including API, ASME and ISA design codes and ANSI standards Additional worked examples and homework problems The most complete and up to date coverage of equipment selection 108 realistic commercial design projects from diverse industries A rigorous pedagogy assists learning, with detailed worked examples, end of chapter exercises, plus supporting data and Excel spreadsheet calculations plus over 150 Patent References, for downloading from the companion website Extensive instructor resources: 1170 lecture slides plus fully worked solutions manual available to adopting instructors A completely updated edition of the classic reference for industrial and systems engineers Long considered the best reference for the discipline of industrial engineering, this thoroughly revised guide covers the fundamentals as well as recent advances and developments. This new edition brings Maynard's classic handbook in line with exactly what an industrial engineer in today's world needs to succeed—all while improving the overall reading experience. The Handbook has been specially designed to focus on topical and pedagogical issues that a practicing industrial and systems engineer will face in the discipline. Maynard's Industrial and Systems Engineering Handbook, Sixth Edition contains exhaustive, application-driven coverage of industry principles, practices, materials, and systems. You will discover how to improve processes and productivity and gain a holistic vision of the industrial engineer's function. This edition offers greater coverage of logistics, probability and statistics, supply chains, quality, product design, systems engineering, and engineering management. •Connects to current market needs based on discussions with academics, consultants, and industry professionals •Aligns with the

recently developed Body of Knowledge of the IISE •Written by a recognized academic and experienced author Get a complete look into modern traffic engineering solutions Traffic Engineering Handbook, Seventh Edition is a newly revised text that builds upon the reputation as the go-to source of essential traffic engineering solutions that this book has maintained for the past 70 years. The updated content reflects changes in key industry standards, and shines a spotlight on the needs of all users, the design of context-sensitive roadways, and the development of more sustainable transportation solutions. Additionally, this resource features a new organizational structure that promotes a more functionally-driven, multimodal approach to planning, designing, and implementing transportation solutions. A branch of civil engineering, traffic engineering concerns the safe and efficient movement of people and goods along roadways. Traffic flow, road geometry, sidewalks, crosswalks, cycle facilities, shared lane markings, traffic signs, traffic lights, and more—all of these elements must be considered when designing public and private sector transportation solutions. Explore the fundamental concepts of traffic engineering as they relate to operation, design, and management Access updated content that reflects changes in key industry-leading resources, such as the Highway Capacity Manual (HCM), Manual on Uniform Traffic Control Devices (MUTCD), AASHTO Policy on Geometric Design, Highway Safety Manual (HSM), and Americans with Disabilities Act Understand the current state of the traffic engineering field Leverage revised information that homes in on the key topics most relevant to traffic engineering in today's world, such as context-sensitive roadways and sustainable transportation solutions Traffic Engineering Handbook, Seventh Edition is an essential text for public and private sector transportation practitioners, transportation decision makers, public officials, and even upper-level undergraduate and graduate students who are studying transportation engineering. A complete reference for fermentation engineers engaged in commercial chemical and pharmaceutical production, Fermentation and Biochemical Engineering Handbook emphasizes the operation, development and design of manufacturing processes that use fermentation, separation and purification techniques. Contributing authors from companies such as Merck, Eli Lilly, Amgen and Bristol-Myers Squibb highlight the practical aspects of the processes—data collection, scale-up parameters, equipment selection, troubleshooting, and more. They also provide relevant perspectives for the different industry sectors utilizing fermentation techniques, including chemical, pharmaceutical, food, and biofuels. New material in the third edition covers topics relevant to modern recombinant cell fermentation, mammalian cell culture, and biorefinery, ensuring that the book will remain applicable around the globe. It uniquely demonstrates the relationships between the synthetic processes for small molecules such as active ingredients, drugs and chemicals, and the biotechnology of protein, vaccine, hormone, and antibiotic production. This major revision also includes new material on membrane pervaporation technologies for biofuels and nanofiltration, and recent developments in instrumentation such as optical-based dissolved oxygen probes, capacitance-based culture viability probes, and in situ real-time fermentation monitoring with wireless technology. It addresses topical environmental considerations, including the use of new (bio)technologies to treat and utilize waste streams and produce renewable energy from wastewaters. Options for bioremediation are also explained. Fully updated to cover the latest advances in recombinant cell fermentation, mammalian cell culture and biorefinery, along with developments in instrumentation Industrial contributors from leading global companies, including Merck, Eli Lilly, Amgen, and Bristol-Myers Squibb Covers synthetic processes for both small and large molecules Continues a 71-year tradition of publishing the definitive guide for advanced fire service training. This fully updated, comprehensive reference will guide you step-by-step in applying the principles of energy engineering and management to the design of electrical, HVAC, utility, process and building systems for both new and retrofit projects. You will learn how to do an energy analysis of any system. Detailed presentations cover electrical system optimization, state-of-the-art lighting and lighting controls, thermal storage, cogeneration, HVAC system optimization, HVAC and building controls, and computer technologies. The fifth edition includes a new chapter covering codes, standards and legislation, as well as a new chapter on compressed air systems. You'll also find coverage on use of innovative third party

financing mechanisms such as performance contracting to implement energy cost reduction measures. The text is thoroughly illustrated with tables, graphs, diagrams, and sample problems with worked-out solutions. Up-to-Date Coverage of All Chemical Engineering Topics—from the Fundamentals to the State of the Art Now in its 85th Anniversary Edition, this industry-standard resource has equipped generations of engineers and chemists with vital information, data, and insights. Thoroughly revised to reflect the latest technological advances and processes, Perry's Chemical Engineers' Handbook, Ninth Edition, provides unsurpassed coverage of every aspect of chemical engineering. You will get comprehensive details on chemical processes, reactor modeling, biological processes, biochemical and membrane separation, process and chemical plant safety, and much more. This fully updated edition covers: Unit Conversion Factors and Symbols • Physical and Chemical Data including Prediction and Correlation of Physical Properties • Mathematics including Differential and Integral Calculus, Statistics, Optimization • Thermodynamics • Heat and Mass Transfer • Fluid and Particle Dynamics • Reaction Kinetics • Process Control and Instrumentation • Process Economics • Transport and Storage of Fluids • Heat Transfer Operations and Equipment • Psychrometry, Evaporative Cooling, and Solids Drying • Distillation • Gas Absorption and Gas-Liquid System Design • Liquid-Liquid Extraction Operations and Equipment • Adsorption and Ion Exchange • Gas-Solid Operations and Equipment • Liquid-Solid Operations and Equipment • Solid-Solid Operations and Equipment • Chemical Reactors • Bio-based Reactions and Processing • Waste Management including Air, Wastewater and Solid Waste Management • Process Safety including Inherently Safer Design • Energy Resources, Conversion and Utilization • Materials of Construction

MAINTENANCE ENGINEERING HANDBOOK Sixth Edition The latest science, technology, and management solutions for facility maintenance issues The one reference you can bank on for current answers to virtually any maintenance question, Lindley R. Higgins' and R. Keith Mobley's Maintenance Engineering Handbook provides the best of today's strategies and technologies from the world's leading experts. • One-stop source of answers on all maintenance engineering functions, from managing, planning, and budgeting to solving environmental problems • New coverage of the latest computer applications, maintenance technologies, and tools • Strategies, equipment, techniques, and tips for facilities from industrial plants to residential complexes, institutions, schools, hospitals, and office buildings **NEW IN THIS EDITION** • Technology updates • Improvements in prevention and prediction • Equipment testing and monitoring tools • The latest computer programs • Advances in maintenance economics • Guidance on insurance administration • New maintenance techniques for centrifugal air compressors, centrifugal pumps, and other equipment Maintenance Engineering's Most Current, Comprehensive, and Complete Reference A McGraw-Hill Classic 55 **SPECIALISTS** Buildings and grounds Computer applications Corrosion and cleaning Costs and controls Electrical equipment Estimates and budgets Instrumentation and monitoring tools Inventory Lubrication Measuring, servicing, testing Mechanical equipment Organization and management Parts and components Personnel and policies Practices and prevention Sanitation and housekeeping Specialized equipment Welding As the most popular and authoritative guide to recording **Modern Recording Techniques** provides everything you need to master the tools and day to day practice of music recording and production. From room acoustics and running a session to mic placement and designing a studio **Modern Recording Techniques** will give you a really good grounding in the theory and industry practice. Expanded to include the latest digital audio technology the 7th edition now includes sections on podcasting, new surround sound formats and HD and audio. If you are just starting out or looking for a step up in industry, **Modern Recording Techniques** provides an in depth excellent read- the must have book **Publisher's Note:** Products purchased from Third Party sellers are not guaranteed by the publisher for quality, authenticity, or access to any online entitlements included with the product. **The Best On-the-Job Guide to Industrial Plant Equipment and Systems** This practical, one-of-a-kind field manual explains how equipment in industrial facilities operates and covers all aspects of commissioning relevant to engineers and project managers. **Plant Equipment and Maintenance Engineering Handbook** contains a data log of all major industrial and power plant components, describes how they function, and includes rules of thumb for

operation. Hundreds of handy reference materials, such as calculations and tables, plus a comprehensive listing of electrical parts with common supplier nomenclature are also included in this time-saving resource. FEATURES DETAILED COVERAGE OF: Compressors * Air conditioning * Ash handling * Bearings and lubrication * Boilers * Chemical cleaning and Flushing * Condensers and circulating water systems * Controls * Conveyor systems * Cooling towers * Corrosion Deaerators * Diesel and gas turbines * Electrical * Fans * Fire protection * Fuels and combustion * Piping * Pumps * Turbines * Vibration * Water treatment The definitive quality management compendium--revised for the first time in a decade For more than 50 years, Juran's Quality Handbook has been the singular essential reference to quality management and engineering. The Sixth Edition--the first revision of the Handbook in 10 years--forges a new standard in tools for quality. Bringing leaders, managers, master and black belts, and engineers the most up-to-date methods, research, and tools, under the guidance of a team of the world's top experts, this authoritative resource shows how to apply universal methods for delivering superior results and organizational excellence in any organization, industry, country, or process. Juran's Quality Handbook, sixth edition covers: Leadership--what everyone needs to know about managing for superior quality and results Methods--the most effective methods and tools for attaining superior results, such as Lean, Six Sigma, Root Cause Analysis, Continuous Innovation, and more Industry applications--effectively applying quality management The roles of key functions--such as quality professionals, research and development, supply chain, and governance--and what they must carry out to attain superior results in an organization Performance excellence--pragmatic roadmaps, templates, and tools to aid in developing an effective and sustainable performance excellence system A where-would-you-be-without-it handbook covering every single important step in building design and construction, now updated to include key changes in design and construction practices. Surveys materials, structures, soil mechanics and foundations, building types, hardware, insulation, acoustics, plumbing, and more--all the material that will help architects, engineers, contractors, and others work better, faster, and smarter. Includes new design specifications; the latest developments in seismic and wind design criteria; new building systems and material; updated building codes throughout; NFPA requirements; and new wood material and codes. This handbook consists of six core chapters: (1) systems engineering fundamentals discussion, (2) the NASA program/project life cycles, (3) systems engineering processes to get from a concept to a design, (4) systems engineering processes to get from a design to a final product, (5) crosscutting management processes in systems engineering, and (6) special topics relative to systems engineering. These core chapters are supplemented by appendices that provide outlines, examples, and further information to illustrate topics in the core chapters. The handbook makes extensive use of boxes and figures to define, refine, illustrate, and extend concepts in the core chapters without diverting the reader from the main information. The handbook provides top-level guidelines for good systems engineering practices; it is not intended in any way to be a directive. NASA/SP-2007-6105 Rev1 supersedes SP-6105, dated June 1995. In two editions spanning more than a decade, The Electrical Engineering Handbook stands as the definitive reference to the multidisciplinary field of electrical engineering. Our knowledge continues to grow, and so does the Handbook. For the third edition, it has grown into a set of six books carefully focused on specialized areas or fields of study. Each one represents a concise yet definitive collection of key concepts, models, and equations in its respective domain, thoughtfully gathered for convenient access. Combined, they constitute the most comprehensive, authoritative resource available. Circuits, Signals, and Speech and Image Processing presents all of the basic information related to electric circuits and components, analysis of circuits, the use of the Laplace transform, as well as signal, speech, and image processing using filters and algorithms. It also examines emerging areas such as text to speech synthesis, real-time processing, and embedded signal processing. Electronics, Power Electronics, Optoelectronics, Microwaves, Electromagnetics, and Radar delves into the fields of electronics, integrated circuits, power electronics, optoelectronics, electromagnetics, light waves, and radar, supplying all of the basic information required for a deep understanding of each area. It also devotes a section to electrical effects and devices and explores the emerging fields of

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design to a final product, (5) crosscutting management processes in systems engineering, and (6) special topics relative to systems engineering. These core chapters are supplemented by appendices that provide outlines, examples, and further information to illustrate topics in the core chapters. The handbook makes extensive use of boxes and figures to define, refine, illustrate, and extend concepts in the core chapters without diverting the reader from the main information. The handbook provides top-level guidelines for good systems engineering practices; it is not intended in any way to be a directive. NASA/SP-2007-6105 Rev1 supersedes SP-6105, dated June 1995 The Fire Chief's Handbook, 7th Edition continues Fire Engineering's 82-year tradition of publishing the definitive resource for advanced fire service training. The text has been completely updated to meet the changing environment and added responsibilities of the fire service. Returning authors have rewritten their chapter to address today's leadership and administrative concerns, while new authors are also introduced to offer new perspectives. This comprehensive guidebook is designed for firefighters, company officers, and chief officers of all ranks and department types who want the latest information on the fundamentals of leadership in the fire service, as well as managing the day-to-day operations of a fire department. Handbook of Biomedical Engineering covers the most important used systems and materials in biomedical engineering. This book is organized into six parts: Biomedical Instrumentation and Devices, Medical Imaging, Computers in Medicine, Biomaterials and Biomechanics, Clinical Engineering, and Engineering in Physiological Systems Analysis. These parts encompassing 27 chapters cover the basic principles, design data and criteria, and applications and their medical and/or biological relationships. Part I deals with the principles, mode of operation, and uses of various biomedical instruments and devices, including transducers, electrocardiograph, implantable electrical devices, biotelemetry, patient monitoring systems, hearing aids, and implantable insulin delivery systems. Parts II and III describe the basic principle of medical imaging devices and the application of computers in medicine, particularly in the fields of data management, critical care, clinical laboratory, radiology, artificial intelligence, and research. Part IV focuses on the application of biomaterials and biomechanics in orthopedic and accident investigation, while Part V considers the major functions of clinical engineering. Part VI provides the principles and application of mathematical models in physiological systems analysis. This book is valuable as a general reference for courses in a biomedical engineering curriculum. The Mechanical Engineer's Handbook was developed and written specifically to fill a need for mechanical engineers and mechanical engineering students. With over 1000 pages, 550 illustrations, and 26 tables the Mechanical Engineer's Handbook is comprehensive, compact and durable. The Handbook covers major areas of mechanical engineering with succinct coverage of the definitions, formulas, examples, theory, proofs, and explanations of all principle subject areas. The Handbook is an essential, practical companion for all mechanical engineering students with core coverage of nearly all relevant courses included. Also, anyone preparing for the engineering licensing examinations will find this handbook to be an invaluable aid. Useful analytical techniques provide the student and practicing engineer with powerful tools for mechanical design. This book is designed to be a portable reference with a depth of coverage not found in "pocketbooks" of formulas and definitions and without the verbosity, high price, and excessive size of the huge encyclopedic handbooks. If an engineer needs a quick reference for a wide array of information, yet does not have a full library of textbooks or does not want to spend the extra time and effort necessary to search and carry a six pound handbook, this book is for them. * Covers all major areas of mechanical engineering with succinct coverage of the definitions, formulae, examples, theory, proofs and explanations of all principle subject areas* Boasts over 1000 pages, 550 illustrations, and 26 tables* Is comprehensive, yet affordable, compact, and durable with strong 'flexible' binding* Possesses a true handbook 'feel' in size and design with a full colour cover, thumb index, cross-references and useful printed endpapers An indispensable reference for aerospace designers, analysts and students. This fifth revised and enlarged edition of this classic, indispensable, and practical guide provides a condensed collection of commonly used engineering reference data specifically related to aerospace design. New material on air breathing propulsion, systems engineering, and radar cross

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