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The Wind Power Book - Jack Park 1981

A detailed look at the technology of wind generated power includes a comparison of various system designs, advice on assembling a wind power system, and an analysis of wind power availability in each state

Modern Electric, Hybrid Electric, and Fuel Cell Vehicles - Mehrdad Ehsani

2018-02-02

"This book is an introduction to

automotive technology, with specic reference to battery electric, hybrid electric, and fuel cell electric vehicles. It could serve electrical engineers who need to know more about automobiles or automotive engineers who need to know about electrical propulsion systems. For example, this reviewer, who is a specialist in electric machinery, could use this book to better understand the

automobiles for which the reviewer is designing electric drive motors. An automotive engineer, on the other hand, might use it to better understand the nature of motors and electric storage systems for application in automobiles, trucks or motorcycles. The early chapters of the book are accessible to technically literate people who need to know something about cars. While the first chapter is historical in nature, the second chapter is a good introduction to automobiles, including dynamics of propulsion and braking. The third chapter discusses, in some detail, spark ignition and compression ignition (Diesel) engines. The fourth chapter discusses the nature of transmission systems.” —James Kirtley, Massachusetts Institute of Technology, USA “The third edition covers extensive topics in modern electric, hybrid electric, and fuel cell vehicles, in which the profound knowledge, mathematical modeling, simulations, and

control are clearly presented. Featured with design of various vehicle drivetrains, as well as a multi-objective optimization software, it is an estimable work to meet the needs of automotive industry.” —Haiyan Henry Zhang, Purdue University, USA “The extensive combined experience of the authors have produced an extensive volume covering a broad range but detailed topics on the principles, design and architectures of Modern Electric, Hybrid Electric, and Fuel Cell Vehicles in a well-structured, clear and concise manner. The volume offers a complete overview of technologies, their selection, integration & control, as well as an interesting Technical Overview of the Toyota Prius. The technical chapters are complemented with example problems and user guides to assist the reader in practical calculations through the use of common scientific computing packages. It will be of interest mainly to research postgraduates working in this field as well as established

academic researchers, industrial R&D engineers and allied professionals.”

—Christopher Donaghy-Sparg,

Durham University, United Kingdom The book deals with the fundamentals, theoretical bases, and design

methodologies of conventional internal combustion engine

(ICE) vehicles, electric vehicles

(EVs), hybrid electric vehicles

(HEVs), and fuel cell vehicles

(FCVs). The design

methodology is described in

mathematical terms, step-by-

step, and the topics are

approached from the overall

drive train system, not just

individual components.

Furthermore, in explaining the

design methodology of each

drive train, design examples

are presented with simulation

results. All the chapters have

been updated, and two new

chapters on Mild Hybrids and

Optimal Sizing and

Dimensioning and Control are

also included • Chapters

updated throughout the text. •

New homework problems,

solutions, and examples. •

Includes two new chapters. •

Features accompanying

MATLAB™ software.

Atma nan Jaya - 1999

[Ergonomics in Manufacturing](#) -

Waldemar Karwowski 1998

Learn to organize and manage

ergonomics efforts, and

discover how to achieve

profitable results using various

corporations around the world

as models for success. The

foremost international experts

from industry, government, and

academia contribute their

views. Includes a number of

enlightening case studies and

real-world examples supported

by figures and tables that are

essential to any effective

ergonomics plan.

Hasil-hasil penelitian

Universitas Islam Riau -

1995

Evaluation of research reports

carried out by Universitas

Islam Riau; proceedings of a

seminar.

Pneumatic Handbook -

Ronald Horace Warring 1982

Two-Stroke Performance

Tuning - A. Bell 1999-11-28

Engine-tuning expert A.

Graham Bell steers you through the various modifications that can be made to coax maximum useable power output and mechanical reliability from your two-stroke. Fully revised with the latest information on all areas of engine operation, from air and fuel, through carburation, ignition, cylinders, porting, reed and rotary valves, and exhaust systems to cooling and lubrication, dyno tuning and gearing.

Automotive Encyclopedia - Judson Alfred Purvis 1962

An Introduction to Wavelets - Charles K. Chui 2016-06-03
Wavelet Analysis and its Applications, Volume 1: An Introduction to Wavelets provides an introductory treatise on wavelet analysis with an emphasis on spline-wavelets and time-frequency analysis. This book is divided into seven chapters. Chapter 1 presents a brief overview of the subject, including classification of wavelets, integral wavelet transform for time-frequency analysis, multi-resolution

analysis highlighting the important properties of splines, and wavelet algorithms for decomposition and reconstruction of functions. The preliminary material on Fourier analysis and signal theory is covered in Chapters 2 and 3. Chapter 4 covers the introductory study of cardinal splines, while Chapter 5 describes a general approach to the analysis and construction of scaling functions and wavelets. Spline-wavelets are deliberated in Chapter 6. The last chapter is devoted to an investigation of orthogonal wavelets and wavelet packets. This volume serves as a textbook for an introductory one-semester course on “wavelet analysis for upper-division undergraduate or beginning graduate mathematics and engineering students.

“Portable-2WG” Inovasi Turbin Pembangkit Listrik Portable Air Dan Angin Untuk Kebutuhan Rumah Tangga Pada Penduduk Daerah Aliran Sungai -

Anggara Trisna Nugraha, S.T.,

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M.T. 2022-08-01
Buku tentang Kelistrikan yang berjudul “Portable-2WG” Inovasi Turbin Pembangkit Listrik Portable Air Dan Angin Untuk Kebutuhan Rumah Tangga Pada Penduduk Daerah Aliran Sungai ini merupakan buku karya Anggara Trisna Nugraha, dkk. Buku ini ditujukan kepada para mahasiswa dan umum yang ingin mempelajari tentang Ilmu Kelistrikan. Buku “Portable-2WG” Inovasi Turbin Pembangkit Listrik Portable Air Dan Angin Untuk Kebutuhan Rumah Tangga Pada Penduduk Daerah Aliran Sungai ini akan membahas mengenai sebuah inovasi dari pemanfaatan energi terbarukan di Indonesia yang dilakukan oleh generasi muda bangsa. Energi terbarukan semakin digadagadag untuk menjadi pengganti energi fosil saat ini dan di masa yang akan datang karena keberadaannya yang tidak terbatas. Potensi energi memang cukup besar, namun juga tidak sepanjang waktu dapat dimanfaatkan, dikarenakan adanya dua musim

di Indonesia. Untuk menyelesaikan hal tersebut dibuatlah sebuah pembangkit listrik yang dapat dimanfaatkan dan tidak mengenal pergantian musim. Daftar isi buku “Portable-2WG” Inovasi Turbin Pembangkit Listrik Portable Air Dan Angin Untuk Kebutuhan Rumah Tangga Pada Penduduk Daerah Aliran Sungai yaitu sebagai berikut : - Purwarupa Portable-2WG dan Misi Pemerintah Indonesia - Mengenal Potensi Energi dan Bagian-Bagian dari Portable-2WG - Alur Kerja Perancangan Purwarupa - Uji Coba Purwarupa - Penyampaian Kesimpulan Spesifikasi buku ini meliputi: Kategori : Kelistrikan Penulis : Anggara Trisna Nugraha...[et.al.] E-ISBN : 978-623-02-5178-8 Ukuran : 15.5x23 cm Halaman : 68 hlm Tahun Terbit : 2022 Penerbit Deepublish adalah penerbit buku yang memfokuskan penerbitannya dalam bidang pendidikan, terutama pendidikan tinggi (universitas dan sekolah tinggi). Buku ini

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Teknik Pemesinan Frais SMK/MAK Kelas XI - Arief Yunianto, S.Pd. dan Ady Purnama, S.Pd.T. 2021-01-12
Buku ini disusun dengan memperhatikan Struktur Kurikulum SMK berdasarkan Kurikulum 2013 edisi revisi spektrum PMK 2018 dan jangkauan materi sesuai dengan Kompetensi Inti dan Kompetensi Dasar untuk kelompok C3 Kompetensi Keahlian. Buku ini diharapkan memiliki presisi yang baik dalam pembelajaran dan menekankan pada pembentukan aspek penguasaan pengetahuan, keterampilan, dan sikap secara utuh. Materi pembelajaran disajikan secara praktis, disertai soal-soal berupa tugas mandiri, tugas kelompok, uji kompetensi, dan penilaian akhir semester gasal dan genap. Buku ini disusun berdasarkan Permendikbud No

34 tahun 2018 Tentang Standar Nasional Pendidikan SMK/MAK, pada lampiran II tentang standar Isi, lampiran III tentang Standar Proses dan lampiran IV tentang Standar Penilaian. Acuan KI dan KD mengacu pada Peraturan Dirjen Pendidikan Dasar Dan Menengah Kementerian Pendidikan Dan Kebudayaan No: 464/D.D5/Kr/2018 Tentang Kompetensi Inti Dan Kompetensi Dasar.

Berdasarkan hasil telaah ilmiah, buku ini sangat sistematis, bermakna, mudah dipelajari, dan mudah diimplementasikan dalam pembelajaran di kelas. Ditinjau dari aspek isi, buku ini cukup membantu siswa dalam memperkaya dan mendalami materi. Pemakaian buku ini juga dapat menantang guru untuk berinovasi dalam pembelajaran sesuai konteks di kelas masing-masing.

Automotive Transmissions - Harald Naunheimer
2010-11-09

This book gives a full account of the development process for automotive transmissions.

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Main topics: - Overview of the traffic - vehicle - transmission system - Mediating the power flow in vehicles - Selecting the ratios - Vehicle transmission systems - basic design principles - Typical designs of vehicle transmissions - Layout and design of important components, e.g. gearshifting mechanisms, moving-off elements, pumps, retarders - Transmission control units - Product development process, Manufacturing technology of vehicle transmissions, Reliability and testing The book covers manual, automated manual and automatic transmissions as well as continuously variable transmissions and hybrid drives for passenger cars and commercial vehicles. Furthermore, final drives, power take-offs and transfer gearboxes for 4-WD-vehicles are considered. Since the release of the first edition in 1999 there have been a lot of changes in the field of vehicles and transmissions. About 40% of the second edition's content is new or revised with new

data.

Uncommon Carriers - John McPhee 2007-04-03

McPhee, in prose distinguished by its warm humor, keen insight, and rich sense of human character, looks at the people who drive trucks, captain ships, pilot towboats, drive coal trains, and carry lobsters through the air: people who work in freight transportation.

Materials - Michael F. Ashby 2013-10-09

Materials, Third Edition, is the essential materials engineering text and resource for students developing skills and understanding of materials properties and selection for engineering applications. This new edition retains its design-led focus and strong emphasis on visual communication while expanding its inclusion of the underlying science of materials to fully meet the needs of instructors teaching an introductory course in materials. A design-led approach motivates and engages students in the study of materials science and

engineering through real-life case studies and illustrative applications. Highly visual full color graphics facilitate understanding of materials concepts and properties. For instructors, a solutions manual, lecture slides, online image bank, and materials selection charts for use in class handouts or lecture presentations are available at <http://textbooks.elsevier.com>. The number of worked examples has been increased by 50% while the number of standard end-of-chapter exercises in the text has been doubled. Coverage of materials and the environment has been updated with a new section on Sustainability and Sustainable Technology. The text meets the curriculum needs of a wide variety of courses in the materials and design field, including introduction to materials science and engineering, engineering materials, materials selection and processing, and materials in design. Design-led approach motivates and engages students in the study of

materials science and engineering through real-life case studies and illustrative applications Highly visual full color graphics facilitate understanding of materials concepts and properties Chapters on materials selection and design are integrated with chapters on materials fundamentals, enabling students to see how specific fundamentals can be important to the design process For instructors, a solutions manual, lecture slides, online image bank and materials selection charts for use in class handouts or lecture presentations are available at <http://textbooks.elsevier.com> Links with the Cambridge Engineering Selector (CES EduPack), the powerful materials selection software. See www.grantadesign.com for information NEW TO THIS EDITION: Text and figures have been revised and updated throughout The number of worked examples has been increased by 50% The number of standard end-of-chapter exercises in the text has been

doubled Coverage of materials and the environment has been updated with a new section on Sustainability and Sustainable Technology

Machine Tool Design - N. K. Mehta 2012

Vehicle and Engine

Technology - Heinz Heisler 1999

Building upon the excellent first edition, 'Vehicle and Engine Technology, 2ed' covers all the technology requirements of motor vehicle engineering and has been rigorously updated to include additional material on subjects such as pollution control, automatic transmission, steering systems, braking systems and electrics. An ideal companion for anyone studying motor vehicle repair and servicing, 'Vehicle and Engine Technology, 2ed' provides the in-depth treatment required for technician-level students, but is presented in a way which will be accessible to craft students wanting more than the bare essentials of the subject matter. Several examples of

each topic application are included, describing the variations encountered in practice, making the book a useful reference for students of motor vehicle engineering.

Mechanical Engineering Principles - John Bird
2012-05-04

"Mechanical Engineering Principles offers a student-friendly introduction to core engineering topics that does not assume any previous background in engineering studies, and as such can act as a core textbook for several engineering courses. Bird and Ross introduce mechanical principles and technology through examples and applications rather than theory. This approach enables students to develop a sound understanding of the engineering principles and their use in practice. Theoretical concepts are supported by over 600 problems and 400 worked answers. The new edition will match up to the latest BTEC National specifications and can also be used on mechanical

engineering courses from Levels 2 to 4"--

Design for Reliability - Dana Crowe 2017-12-19

Today's marketplace demands product reliability. At the same time, it places ever-increasing demands on products that push the limits of their performance and their functional life, and it does so with the expectation of lower per-unit product costs.

To meet these demands, product design now requires a focused, streamlined, concurrent engineering process that will produce a product at the lowest possible cost in the least amount of time. Design for Reliability provides a systematic approach to the design process that is sharply focused on reliability and firmly based on the physics of failure. It imparts an understanding of how, why, and when to use the wide variety of reliability engineering tools available and offers fundamental insight into the total design cycle.

Applicable from the idea phase of the product development cycle through product

obsolescence, Design for Reliability (DfR) concepts integrated with reliability verification and analytical physics form a coherent stage gate/phase design process that helps ensure that a product will meet customers' reliability objectives. Whether you are a high-volume manufacturer of consumer items or a low volume producer of military commodities, your goal is the same: to bring a product to market using a process focused on designing out or mitigating potential failure modes prior to production release. Readers of Design for Reliability will learn to meet that goal and move beyond solidifying a basic offering to the marketplace to creating a true competitive advantage.

Engineering Design

Principles - Ken Hurst

1999-05-28

Good design is the key to the manufacture of successful commercial products. It encompasses creativity, technical ability, communication at all levels, good management and the

ability to mould these attributes together. There are no single answers to producing a well designed product. There are however tried and tested principles which, if followed, increase the likely success of any final product. Engineering Design Principles introduces these principles to engineering students and professional engineers. Drawing on historical and familiar examples from the present, the book provides a stimulating guide to the principles of good engineering design. The comprehensive coverage of this text makes it invaluable to all undergraduates requiring a firm foundation in the subject. Introduction to principles of good engineering design like: problem identification, creativity, concept selection, modelling, design management and information gathering Rich selection of historical and familiar present examples

Standard Handbook of Machine Design - Joseph Edward Shigley 1996

The latest ideas in machine analysis and design have led to

a major revision of the field's leading handbook. New chapters cover ergonomics, safety, and computer-aided design, with revised information on numerical methods, belt devices, statistics, standards, and codes and regulations. Key features include: *new material on ergonomics, safety, and computer-aided design; *practical reference data that helps machines designers solve common problems--with a minimum of theory. *current CAS/CAM applications, other machine computational aids, and robotic applications in machine design. This definitive machine design handbook for product designers, project engineers, design engineers, and manufacturing engineers covers every aspect of machine construction and operations. Voluminous and heavily illustrated, it discusses standards, codes and regulations; wear; solid materials, seals; flywheels; power screws; threaded fasteners; springs; lubrication; gaskets; coupling; belt drive;

gears; shafting; vibration and control; linkage; and corrosion. Vibration for Engineers - Andrew D. Dimarogonas 1996 This comprehensive text is intended for use on one- or two-term introductory courses in vibrations taught to mechanical, aerospace, engineering mechanics, and civil engineering undergraduates. The work emphasizes design and extends the discussion of design beyond handbook solutions for component sizing to include the assumptions underlying the handbook solutions. Symbolic processing is introduced for those readers who want to extend their understanding of the fundamentals of vibration analysis. The text also includes historical references so that students will understand how vibration theories developed. Drill exercises have been added to the introductory chapters to help students understand basic concepts before proceeding to solve more complex problems requiring numerical results, and a new appendix has been

added with tables covering mass, damping and stiffness properties of engineering materials.

Mastering Delphi 5 - Marco Cantù 1999

A world-renowned Delphi authority updates his classic bestseller with complete coverage of the most important new topics for Delphi programmers: building Web applications, using COM and CORBA, and making calls to the Win32 API. Hundreds of real-world examples show programmers how to stretch Delphi to its limits.

Data Visualization with D3.js Cookbook - Nick Qi Zhu 2013-10-24

Packed with practical recipes, this is a step-by-step guide to learning data visualization with D3 with the help of detailed illustrations and code samples. If you are a developer familiar with HTML, CSS, and JavaScript, and you wish to get the most out of D3, then this book is for you. This book can also serve as a desktop quick-reference guide for experienced data visualization

developers.

Internal Combustion Engines -

Colin R. Ferguson 2015-07-01

Since the publication of the Second Edition in 2001, there have been considerable advances and developments in the field of internal combustion engines. These include the increased importance of biofuels, new internal combustion processes, more stringent emissions requirements and characterization, and more detailed engine performance modeling, instrumentation, and control. There have also been changes in the instructional methodologies used in the applied thermal sciences that require inclusion in a new edition. These methodologies suggest that an increased focus on applications, examples, problem-based learning, and computation will have a positive effect on learning of the material, both at the novice student, and practicing engineer level. This Third Edition mirrors its predecessor with additional tables, illustrations, photographs,

examples, and

problems/solutions. All of the software is 'open source', so that readers can see how the computations are performed. In addition to additional java applets, there is companion Matlab code, which has become a default computational tool in most mechanical engineering programs.

Farm Power and Machinery Management - Donnell Hunt
1983

Economic performance. Costs. Operations. Power. Equipment selection. Laboratory exercises.

Machine Design; Theory and Practice - Aaron D. Deutschman 1975

Gears and Gear Drives - Damir T. Jelaska 2012-08-23

Understanding how gears are formed and how they interact or 'mesh' with each other is essential when designing equipment that uses gears or gear trains. The way in which gear teeth are formed and how they mesh is determined by their geometry and kinematics, which is the topic of this book.

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Gears and Gear Drives provides the reader with comprehensive coverage of gears and gear drives. Spur, helical, bevel, worm and planetary gears are all covered, with consideration given to their classification, geometry, kinematics, accuracy control, load capacity and manufacturing. Cylindrical gear geometry is the basis for dealing with any gear drives, so this is covered in detail. Key features: Contains hundreds of 2D and 3D figures to illustrate all types of gears and gear drives, including planetary and worm gears Includes fundamental derivations and explanations of formulae Enables the reader to know how to carry out accuracy control and load capacity checks for any gear drive Includes directions for the practical design of gears and gear drives Covers DIN and ISO standards in the area Gears and Gear Drives is a comprehensive reference for gears and gear drive professionals and graduate students in mechanical

engineering departments and covers everything important to know how to design, control and manufacture gear drives. *Gear Handbook* - Darle W. Dudley 1962

A Textbook of Machine Design - RS Khurmi | JK Gupta 2005

The present multicolor edition has been thoroughly revised and brought up-to-date. Multicolor pictures have been added to enhance the content value and to give the students an idea of what he will be dealing in reality, and to bridge the gap between theory and practice. This book has already been included in the 'suggested reading' for the A.M.I.E. (India) examinations.

Pemeliharaan Mesin Sepeda Motor SMK/MAK Kelas XII - Saryanto, S.Pd.T., M.Pd., Gr. 2021-01-25

Buku ini disusun dengan memperhatikan Struktur Kurikulum SMK berdasarkan Kurikulum 2013 edisi revisi spektrum PMK 2018 dan jangkauan materi sesuai dengan Kompetensi Inti dan

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Kompetensi Dasar untuk kelompok C3 Kompetensi Keahlian. Buku ini diharapkan memiliki presisi yang baik dalam pembelajaran dan menekankan pada pembentukan aspek penguasaan pengetahuan, keterampilan, dan sikap secara utuh. Materi pembelajaran disajikan secara praktis, disertai soal-soal berupa tugas mandiri, tugas kelompok, uji kompetensi, dan penilaian akhir semester gasal dan genap. Buku ini disusun berdasarkan Permendikbud No 34 tahun 2018 Tentang Standar Nasional Pendidikan SMK/MAK, pada lampiran II tentang standar Isi, lampiran III tentang Standar Proses dan lampiran IV tentang Standar Penilaian. Acuan KI dan KD mengacu pada Peraturan Dirjen Pendidikan Dasar Dan Menengah Kementerian Pendidikan Dan Kebudayaan No: 464/D.D5/Kr/2018 Tentang Kompetensi Inti Dan Kompetensi Dasar.

Berdasarkan hasil telaah ilmiah, buku ini sangat sistematis, bermakna, mudah

dipelajari, dan mudah diimplementasikan dalam pembelajaran di kelas. Ditinjau dari aspek isi, buku ini cukup membantu siswa dalam memperkaya dan mendalami materi. Pemakaian buku ini juga dapat menantang guru untuk berinovasi dalam pembelajaran sesuai konteks di kelas masing-masing.

Teknologi Otomotif Dasar - Arief Kurniawan 2021-12-03
Buku ajar berjudul Teknologi Otomotif Dasar ini dikhususkan bagi mahasiswa Pendidikan Vokasional Teknologi Otomotif sebagai pendamping mata kuliah Teknologi Otomotif Dasar. Terdapat beberapa bagian utama dari buku ini, yaitu Dasar-dasar Mesin Kendaraan Ringan, Sistem Kelistrikan Otomotif Dasar, dan Chasis Kendaraan Ringan.
Computer Numerical Control - Joseph Pusztai 1983

Ilstilah teknik listrik, Inggris-Indonesia, A-Z - 1985

Fundamentals of Machine Component Design, 7th
Australia and New Zealand

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Edition with Wiley E-Text Card Set - Robert C. Juvinall
2019-12-03

Juvinall and Marshek's *Fundamentals of Machine Component Design* continues to focus on the fundamentals of component design -- free body diagrams, force flow concepts, failure theories, and fatigue design, with applications to fasteners, springs, bearings, gears, clutches, and brakes. Problem-solving skills are developed by the implementation of a proven methodology which provides a structure for accurately formulating problems and clearly presenting solutions. The seventh edition includes additional coverage of composites, the material selection process, and wear/wear theory, along with new and updated examples and homework problems.

Machine Design - Robert H. Creamer 1984

This revised text covers the design of basic machine components with an emphasis on practical problems. Supplementary topics are

presented to provide the student with the concept of total design and professional practice.

Hasil lomba karya ilmiah remaja LIPI-TVRI, 1990-1991 - 1991

Prize-winning papers in the 1990-1991 LIPI-TVRI juvenile scientific writing contest.

Friction, Wear, Lubrication - Kenneth C Ludema 2018-09-14

The second edition of a bestseller, this book introduces tribology in a way that builds students' knowledge and understanding. It includes expanded information on topics such as surface characterization as well as recent advances in the field. The book provides additional descriptions of common testing methods, including diagrams and surface texturing for enhanced lubrication, and more information on rolling element bearings. It also explores surface profile characterization and elastic plastic contact mechanics including wavy surface contact, rough surface contact models, friction and wear plowing

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models, and thermodynamic analysis of friction.

PEMINDAH TENAGA KENDARAAN RINGAN -

Fathun, M.Pd. 2020-11-18

Buku ini secara sistematis membahas secara teoristis maupun praktis yaitu materi : Kopling, transmisi manual, transmisi otomatis, poros propeller differential, dan penggerak roda, secara umum dapat dipergunakan sebagai buku pendamping pada materi chasis dan pemindah tenaga pada kendaraan ringan pada sisiwa SMK/MAK dan dapat dipergunakan secara umum secara praktis dan teoristis.

Applied Fuzzy Systems -

Toshiro Terano 2014-05-10

Applied Fuzzy Systems provides information pertinent to the fundamental aspects of fuzzy systems theory and its application. This book discusses the development of high-level artificial intelligence and information processing systems, as well as the realization of fuzzy computers. Organized into six chapters, this book begins with an overview of the fundamental

problems addressed by fuzzy systems. This text then reviews standard computer logic or two-valued Boolean algebra. Other chapters consider bus scheduling, evaluation of structural reliability, applications of schema systems for decision-making, and processing of natural-language information and systems for medical diagnosis as examples of fuzzy expert systems. This book discusses as well a practical fuzzy expert system for durability evaluations of reinforced concrete slabs for bridges, along with an example of application. The final chapter deals with the important parts of the construction of fuzzy computers, their architecture, and the outlook for the future. This book is a valuable resource for engineers, mathematicians, technicians, and research workers.

Experimental Methods for Engineers - Jack Philip Holman 2001

This market leader offers the broadest range of experimental measurement techniques

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available for mechanical and general engineering applications. Offering clear descriptions of the general behavior of different measurement techniques, such as pressure, flow, and

temperature, the text emphasizes the use of uncertainty analysis and statistical data analysis in estimating the accuracy of measurements.