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KEY=PDF - ROBERTSON ALANA

INTRODUCTION TO MODELING AND SIMULATION OF TECHNICAL AND PHYSICAL SYSTEMS WITH MODELICA

John Wiley & Sons **Master modeling and simulation using Modelica, the new powerful,highly versatile object-based modeling language Modelica, the new object-based software/hardware modelinglanguage that is quickly gaining popularity around the world,offers an almost universal approach to high-level computationalmodeling and simulation. It handles a broad range of applicationdomains, for example mechanics, electrical systems, control, andthermodynamics, and facilitates general notation as well aspowerful abstractions and efficient implementations. Using theversatile Modelica language and its associated technology, thistext presents an object-oriented, component-based approach thatmakes it possible for readers to quickly master the basics ofcomputer-supported equation-based object-oriented (EOO)mathematical modeling and simulation. Throughout the text, Modelica is used to illustrate the variousaspects of modeling and simulation. At the same time, a number ofkey concepts underlying the Modelica language are explained withthe use of modeling and simulation examples. This book: Examines basic concepts such as systems, models, andsimulations Guides readers through the Modelica language with the aid ofseveral step-by-step examples Introduces the Modelica class concept and its use in graphicaland textual modeling Explores modeling methodology for continuous, discrete, andhybrid systems Presents an overview of the Modelica Standard Library and keyModelica model libraries Readers will find plenty of examples of models that simulatedistinct application domains as well as examples that combineseveral domains. All the examples and exercises in the text areavailable via DrModelica. This electronic self-teaching program,freely available on the text's companion website, guides readersfrom simple, introductory examples and exercises to more advancedones. Written by the Director of the Open Source Modelica Consortium,Introduction to Modeling and Simulation of Technical andPhysical Systems with Modelica is recommended for engineers andstudents interested in computer-aided design, modeling, simulation,and analysis of technical and natural systems. By building on basicconcepts, the text is ideal for students who want to learnmodeling, simulation, and object orientation.**

MACHINES AND MECHANISMS

APPLIED KINEMATIC ANALYSIS

Provides the techniques necessary to study the motion of machines, and emphasizes the application of kinematic theories to real-world machines consistent with the philosophy of engineering and technology programs. This book intents to bridge the gap between a theoretical study of kinematics and the application to practical mechanism.

IMAGING ATLAS OF HUMAN ANATOMY E-BOOK

Elsevier Health Sciences **Imaging Atlas of Human Anatomy, 4th Edition provides a solid foundation for understanding human anatomy. Jamie Weir, Peter Abrahams, Jonathan D. Spratt, and Lonie Salkowski offer a complete and 3-dimensional view of the structures and relationships within the body through a variety of imaging modalities. Over 60% new images—showing cross-sectional views in CT and MRI, nuclear medicine imaging, and more—along with revised legends and labels ensure that you have the best and most up-to-date visual resource. This atlas will widen your applied and clinical knowledge of human anatomy. Features orientation drawings that support your understanding of different views and orientations in images with tables of ossification dates for bone development. Presents the images with number labeling to keep them clean and help with self-testing. Features completely revised legends and labels and over 60% new images—cross-sectional views in CT and MRI, angiography, ultrasound, fetal anatomy, plain film anatomy, nuclear medicine imaging, and more—with better resolution for the most current anatomical views. Reflects current radiological and anatomical practice through reorganized chapters on the abdomen and pelvis, including a new chapter on cross-sectional imaging. Covers a variety of common and up-to-date modern imaging—including a completely new section on Nuclear Medicine—for a view of living anatomical structures that enhance your artwork and dissection-based comprehension. Includes stills of 3-D images to provide a visual understanding of moving images.**

AWAKEN THE GIANT WITHIN

HOW TO TAKE IMMEDIATE CONTROL OF YOUR MENTAL, EMOTIONAL, PHYSICAL & FINANCIAL DESTINY!

Shows readers how to clarify their personal values, resolve internal conflicts, master emotions, and overcome debilitating habits.

EXPONENTIAL ORGANIZATIONS

WHY NEW ORGANIZATIONS ARE TEN TIMES BETTER, FASTER, AND CHEAPER THAN YOURS (AND WHAT TO DO ABOUT IT)

Diversion Books **Frost & Sullivan's 2014 Growth, Innovation, and Leadership Book of the Year "EXPONENTIAL ORGANIZATIONS should be required reading for anyone interested in the ways exponential technologies are reinventing best practices in business." —Ray Kurzweil, Director of Engineering at Google In business, performance is key. In performance, how you organize can be the key to growth. In the past five years, the business world has seen the birth of a new breed of company—the Exponential Organization—that has revolutionized how a company can accelerate its growth by using technology. An ExO can eliminate the incremental, linear way traditional companies get bigger, leveraging assets like community, big data, algorithms, and new technology into achieving performance benchmarks ten times better than its peers. Three luminaries of the business world—Salim Ismail, Yuri van Geest, and Mike Malone—have researched this phenomenon and documented ten characteristics of Exponential Organizations. Here, in EXPONENTIAL ORGANIZATIONS, they walk the reader through how any company, from a startup to a multi-national, can become an ExO, streamline its performance, and grow to the next level. "EXPONENTIAL ORGANIZATIONS is the most pivotal book in its class. Salim examines the future of organizations and offers readers his insights on the concept of Exponential Organizations, because he himself embodies the strategy, structure, culture, processes, and systems of this new breed of company." —John Hagel, The Center for the Edge Chosen by Benjamin Netanyahu, Prime Minister of Israel, to be one of Bloomberg's Best Books of 2015**

BIOLOGY

LIFE ON EARTH

Benjamin Cummings **This introductory text has been revised to reflect the changing dynamics of introductory biology. Emphasizing concepts over facts, it presents the dynamic processes at work in biology.**

A NEW REFERENCE GRAMMAR OF MODERN SPANISH

Springer Science & Business Media (abridged and revised) This reference grammar offers intermediate and advanced students a reason ably comprehensive guide to the morphology and syntax of educated speech and plain prose in Spain and Latin America at the end of the twentieth century. Spanish is the main, usually the sole official language of twenty-one countries,} and it is set fair to overtake English by the year 2000 in numbers 2 of native speakers. This vast geographical and political diversity ensures that Spanish is a good deal less unified than French, German or even English, the latter more or less internationally standardized according to either American or British norms. Until the 1960s, the criteria of internationally correct Spanish were dictated by the Real Academia Espanola, but the prestige of this institution has now sunk so low that its most solemn decrees are hardly taken seriously - witness the fate of the spelling reforms listed in the Nuevas normas de prosodia y ortografia, which were supposed to come into force in all Spanish-speaking countries in 1959 and, nearly forty years later, are still selectively ignored by publishers and literate persons everywhere. The fact is that in Spanish 'correctness' is nowadays decided, as it is in all living languages, by the consensus of native speakers; but consensus about linguistic usage is obviously difficult to achieve between more than twenty independent, widely scattered and sometimes mutually hostile countries. Peninsular Spanish is itself in flux.

MY SWEET ORANGE TREE

Candlewick Press Fifty years after its first publication, the multimillion-copy international bestseller is available again in English, sharing the heartbreaking tale of a gifted, mischievous, direly misunderstood boy growing up in Rio de Janeiro. When Zezé grows up, he wants to be a poet in a bow tie. For now the precocious young boy entertains himself by playing clever pranks on the residents of his Rio de Janeiro neighborhood, stunts for which his parents and siblings punish him severely. Lately, with his father out of work, the beatings have become harsher. Zezé's only solace comes from his time at school, his hours secretly spent singing with a street musician, and the refuge he finds with his precious magical orange tree. When Zezé finally makes a real friend, his life begins to change, opening him up to human tenderness but also wrenching sorrow. Never out of print in Brazil since it was first published in 1968, My Sweet Orange Tree, inspired by the author's own childhood, has been translated into many languages and has won the hearts of millions of young readers across the globe.

CODE

VERSION 2.0: EASYREAD SUPER LARGE 24PT EDITION

ReadHowYouWant.com Since its original publication in 1999, this foundational book has become a classic in its field. This second edition, Code Version 2.0, updates the work and was prepared in part through a wiki, a web site allowing readers to edit the text, making this the first reader-edited revision of a popular book. Code counters the common belief that cyberspace cannot be controlled or censored. To the contrary, under the influence of commerce, cyberspace is becoming a highly regulable world where behavior will be much more tightly controlled than in real space. We can - we must - choose what kind of cyberspace we want and what freedoms it will guarantee. These choices are all about architecture: what kind of code will govern cyberspace, and who will control it. In this realm, code is the most significant form of law and it is up to lawyers, policymakers, and especially average citizens to decide what values that code embodies.

CREATIVITY, INC.

OVERCOMING THE UNSEEN FORCES THAT STAND IN THE WAY OF TRUE INSPIRATION

Random House From a co-founder of Pixar Animation Studios—the Academy Award–winning studio behind Coco, Inside Out, and Toy Story—comes an incisive book about creativity in business and leadership for readers of Daniel Pink, Tom Peters, and Chip and Dan Heath. NEW YORK TIMES BESTSELLER | NAMED ONE OF THE BEST BOOKS OF THE YEAR BY The Huffington Post • Financial Times • Success • Inc. • Library Journal Creativity, Inc. is a manual for anyone who strives for originality and the first-ever, all-access trip into the nerve center of Pixar Animation—into the meetings, postmortems, and "Braintrust" sessions where some of the most successful films in history are made. It is, at heart, a book about creativity—but it is also, as Pixar co-founder and president Ed Catmull writes, "an expression of the ideas that I believe make the best in us possible." For nearly twenty years, Pixar has dominated the world of animation, producing such beloved films as the Toy Story trilogy, Monsters, Inc., Finding Nemo, The Incredibles, Up, WALL-E, and Inside Out, which have gone on to set box-office records and garner thirty Academy Awards. The joyousness of the storytelling, the inventive plots, the emotional authenticity: In some ways, Pixar movies are an object lesson in what creativity really is. Here, in this book, Catmull reveals the ideals and techniques that have made Pixar so widely admired—and so profitable. As a young man, Ed Catmull had a dream: to make the first computer-animated movie. He nurtured that dream as a Ph.D. student at the University of Utah, where many computer science pioneers got their start, and then forged a partnership with George Lucas that led, indirectly, to his co-founding Pixar in 1986. Nine years later, Toy Story was released, changing animation forever. The essential ingredient in that movie's success—and in the thirteen movies that followed—was the unique environment that Catmull and his colleagues built at Pixar, based on leadership and management philosophies that protect the creative process and defy convention, such as: • Give a good idea to a mediocre team, and they will screw it up. But give a mediocre idea to a great team, and they will either fix it or come up with something better. • If you don't strive to uncover what is unseen and understand its nature, you will be ill prepared to lead. • It's not the manager's job to prevent risks. It's the manager's job to make it safe for others to take them. • The cost of preventing errors is often far greater than the cost of fixing them. • A company's communication structure should not mirror its organizational structure. Everybody should be able to talk to anybody.

PHYSICS FOR SCIENTISTS AND ENGINEERS

This best-selling, calculus-based text is recognized for its carefully crafted, logical presentation of the basic concepts and principles of physics. Raymond Serway, Robert Beichner, and contributing author John W. Jewett present a strong problem-solving approach that is further enhanced through increased realism in worked examples. Problem-solving strategies and hints allow students to develop a systematic approach to completing homework problems. The outstanding ancillary package includes full multimedia support, online homework, and a content-rich Web site that provides extensive support for instructors and students. The CAPA (Computer-assisted Personalized Approach), WebAssign, and University of Texas homework delivery systems give instructors flexibility in assigning online homework.

MOTOR AUTO REPAIR MANUAL.

Hearst Books

DESIGNING ARCADE COMPUTER GAME GRAPHICS

Wordware This work focuses on how to create high-quality 2D graphic images and animations for arcade-based games, educational programs and multimedia applications. It also aims to provide insight into basic computer game design from the perspective of a graphic artist.

MATHEMATICAL STATISTICS WITH APPLICATIONS IN R

Elsevier Mathematical Statistics with Applications in R, Second Edition, offers a modern calculus-based theoretical introduction to mathematical statistics and applications. The book covers many modern statistical computational and simulation concepts that are not covered in other texts, such as the Jackknife, bootstrap methods, the EM algorithms, and Markov chain Monte Carlo (MCMC) methods such as the Metropolis algorithm, Metropolis-Hastings algorithm and the Gibbs sampler. By combining the discussion on the theory of statistics with a wealth of real-world applications, the book helps students to approach statistical problem solving in a logical manner. This book provides a step-by-step procedure to solve real problems, making the topic more accessible. It includes goodness of fit methods to identify the probability distribution that characterizes the probabilistic behavior or a given set of data. Exercises as well as practical, real-world chapter projects are included, and each chapter has an optional section on using Minitab, SPSS and SAS

commands. The text also boasts a wide array of coverage of ANOVA, nonparametric, MCMC, Bayesian and empirical methods; solutions to selected problems; data sets; and an image bank for students. Advanced undergraduate and graduate students taking a one or two semester mathematical statistics course will find this book extremely useful in their studies. Step-by-step procedure to solve real problems, making the topic more accessible Exercises blend theory and modern applications Practical, real-world chapter projects Provides an optional section in each chapter on using Minitab, SPSS and SAS commands Wide array of coverage of ANOVA, Nonparametric, MCMC, Bayesian and empirical methods

PROJECT MANAGEMENT

Penguin The practical e-guide that gives you the skills to succeed as a project manager. Discover how to improve your project management skills by defining a project brief, identifying stakeholders, and building a strong team. You'll also learn useful tips for initiating projects, setting deadlines, and managing your budgets. Essential Managers gives you a practical "how-to" approach with step-by-step instructions, tips, checklists, and "ask yourself" features showing you how to focus your energy, manage change, and make an impact. DK's Essential Managers series contains the knowledge you need to be a more effective manager and hone your management style. Whether you're new to project management or simply looking to sharpen your existing skills, this is the e-guide for you.

CHEMICAL ENGINEERING DESIGN

PRINCIPLES, PRACTICE AND ECONOMICS OF PLANT AND PROCESS DESIGN

Elsevier 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

CONVERGENCE CULTURE

WHERE OLD AND NEW MEDIA COLLIDE

NYU Press "What the future fortunes of [Gramsci's] writings will be, we cannot know. However, his permanence is already sufficiently sure, and justifies the historical study of his international reception. The present collection of studies is an indispensable foundation for this." —Eric Hobsbawm, from the preface Antonio Gramsci is a giant of Marxian thought and one of the world's greatest cultural critics. Antonio A. Santucci is perhaps the world's preeminent Gramsci scholar. Monthly Review Press is proud to publish, for the first time in English, Santucci's masterful intellectual biography of the great Sardinian scholar and revolutionary. Gramscian terms such as "civil society" and "hegemony" are much used in everyday political discourse. Santucci warns us, however, that these words have been appropriated by both radicals and conservatives for contemporary and often self-serving ends that often have nothing to do with Gramsci's purposes in developing them. Rather what we must do, and what Santucci illustrates time and again in his dissection of Gramsci's writings, is absorb Gramsci's methods. These can be summed up as the suspicion of "grand explanatory schemes," the unity of theory and practice, and a focus on the details of everyday life. With respect to the last of these, Joseph Buttigieg says in his Nota: "Gramsci did not set out to explain historical reality armed with some full-fledged concept, such as hegemony; rather, he examined the minutiae of concrete social, economic, cultural, and political relations as they are lived in by individuals in their specific historical circumstances and, gradually, he acquired an increasingly complex understanding of how hegemony operates in many diverse ways and under many aspects within the capillaries of society." The rigor of Santucci's examination of Gramsci's life and work matches that of the seminal thought of the master himself. Readers will be enlightened and inspired by every page.

FINGER PRINT MAGAZINE

A MONTHLY JOURNAL DEVOTED TO THE SCIENCE OF FINGER PRINT IDENTIFICATION

EDUCATION NATION

SIX LEADING EDGES OF INNOVATION IN OUR SCHOOLS

John Wiley & Sons An educational innovator who worked at Sesame Workshop and The George Lucas Educational Foundation offers a new vision for learning As a result of constant innovation, learning is no longer limited by traditional confines and we're moving beyond students tied to their chairs, desks, and textbooks-and teachers locked away in classrooms. In Education Nation author Milton Chen draws from extensive experience in media-from his work on Sesame Street in its nascent years to his role as executive director of the George Lucas Educational Foundation-to support a vision for a new world of learning. This book, in six chapters, explores the "edges" in education—the places where K-12 learning has already seen revolutionary changes through innovative reform and the use of technology. Examines ways in which learning can be revolutionized through innovative reform and the use of technology Explores the ever-expanding world of technology for breakthroughs in teaching and learning Includes many wonderful resources to support innovation in schools across the nation This important book offers a clear vision for tomorrow's classrooms that will enhance learning opportunities for all children.

THE ILLUSTRATED MAN

PROTECTED CULTIVATION IN THE MEDITERRANEAN CLIMATE

Food & Agriculture Org.

INFOTECH TEACHER'S BOOK

ENGLISH FOR COMPUTER USERS

Cambridge University Press Infotech, second edition, is a comprehensive course for intermediate level learners who need to be able to understand the English of computing for study and work. Thoroughly revised by the same author it offers up to date material on this fast

moving area. The course does not require a specialist knowledge of computers on either the part of the student or the teacher. The 30 units are organized into seven thematically linked sections and cover a range of subject matter, from Input/output devices for the disabled to Multimedia and Internet issues. Key features of the Teacher's Book: - exhausative support for the teacher, with technical help where needed - a photocopiable extra activities section - answer key and tapescripts

EDUCATIONAL PSYCHOLOGY

Pearson College Division In lucid and jargon-free prose, the text explains and illustrates educational psychology's practical relevance for teachers and learners. The new edition continues to emphasize the applications of research on child development, on learning and cognition, on motivation, and on instruction and assessment. At the same time the text has long been counted on for its state of the art presentation of the field of educational psychology, and this edition continues that tradition with new and expanded coverage of import topics like the brain and neuroscience, the impact of technology on the lives and learning of students, and student diversity. From reviews of the book: "I polled my students . . . and the vast majority actually liked the textbook (which is rare). They find it easy to read, interesting and engaging. . . . This textbook's major strengths are its cognitive perspective, its readability, and the fact that it puts into practice some of the information-processing strategies that it teaches as effective ways to process information. . . ." -Elizabeth Pemberton, University of Delaware "[T]he text is written in a . . . conversational style that invites students to actively explore complex questions about teaching and learning. It is well-organized, supported with visual aids, and various learning tools, such as guidelines, reflection activities, and cases presenting opposing viewpoints. Most importantly, the text is informed and well supported by contemporary scholarship in the field of educational psychology." -Alina Reznitskaya, Montclair State University Video-Enhanced Pearson eText. Included in this package is access to the new Video-Enhanced eText for Educational Psychology: Active Learning Edition exclusively from Pearson. The Video-Enhanced Pearson eText is: Engaging. Full-color online chapters include dynamic videos that show what course concepts look like in real classrooms, model good teaching practice, and expand upon chapter concepts. Over 51 video links, chosen by our authors and other subject-matter experts, are embedded right in context of the content you are reading Convenient. Enjoy instant online access from your computer or download the Pearson eText App to read on or offline on your iPad and Android tablets.* Interactive. Features include embedded video, note taking and sharing, highlighting and search. Affordable. Experience all these advantages of the Video-Enhanced eText along with all the benefits of print for 40% to 50% less than a print bound book. *The Pearson eText App is available for free on Google Play and in the App Store.* Requires Android OS 3.1 - 4, a 7" or 10" tablet or iPad iOS 5.0 or newer

MECHANICS OF FLUIDS

McGraw-Hill Companies In keeping with previous editions, this book offers a strong conceptual approach to fluids, based on mechanics principles. The author provides rigorous coverage of underlying math and physics principles, and establishes clear links between the basics of fluid flow and subsequent advanced topics like compressible flow and viscous fluid flow.

THOMAS' CALCULUS

Pearson Education India

STRATEGIC MANAGEMENT

CONCEPTS AND CASES

Prentice Hall "Both the challenges and opportunities facing organizations of all sizes today are greater than ever. Illegal immigration across the U.S.-Mexico border has reached emergency levels. There is less room than ever for error today in the formulation and implementation of a strategic plan. This textbook provides a systematic effective approach for developing a clear strategic plan. Changes made in this twelfth edition are aimed squarely at illustrating the effect of this new world order on strategic-management theory and practice. ... This twelfth edition provides updated coverage of strategic-management concepts, theory, research, and techniques in the chapters."--Preface.

SO YOU WANT TO LEARN TO PROGRAM?

James Reneau Learn to program a computer without the jargon and complexity of many programming books. Suitable for anybody age 10 to 100+ who wants to learn and is ready to experiment. This book engages through media (sound, color, shapes, and text to speech) and then introduces the concepts of structured programming (loops, conditions, variables...). You will learn to program as you make animations, games, and fun applications. Full source code to example programs are given to start experimentation and self exploration.

AN ELEMENTARY INTRODUCTION TO THE WOLFRAM LANGUAGE

Wolfram Media The Wolfram Language represents a major advance in programming languages that makes leading-edge computation accessible to everyone. Unique in its approach of building in vast knowledge and automation, the Wolfram Language scales from a single line of easy-to-understand interactive code to million-line production systems. This book provides an elementary introduction to the Wolfram Language and modern computational thinking. It assumes no prior knowledge of programming, and is suitable for both technical and non-technical college and high-school students, as well as anyone with an interest in the latest technology and its practical application.

M_CANIQUE ANALYTIQUE 2 VOLUME SET

Joseph-Louis Lagrange (17361813), one of the notable French mathematicians of the Revolutionary period, is remembered for his work in the fields of analysis, number theory and mechanics. Like Laplace and Legendre, Lagrange was assisted by d'Alembert, and it was on the recommendation of the latter and the urging of Frederick the Great himself that Lagrange succeeded Euler as the director of mathematics at the Prussian Academy of Sciences in Berlin. The two-volume Megrave;canique analytique was first published in 1788; the edition presented here is that of 181115, revised by the author before his death. In this work, claimed to be the most important on classical mechanics since Newton, Lagrange developed the law of virtual work, from which single principle the whole of solid and fluid mechanics can be derived.

MATERIALS SCIENCE AND ENGINEERING

AN INTRODUCTION

PRODUCT DESIGN AND DEVELOPMENT

Treating such contemporary design and development issues as identifying customer needs, design for manufacturing, prototyping, and industrial design, Product Design and Development, 3/e, by Ulrich and Eppinger presents in a clear and detailed way a set of product development techniques aimed at bringing together the marketing, design, and manufacturing functions of the enterprise. The integrative methods in the book facilitate problem solving and decision making among people with different disciplinary perspectives, reflecting the current industry trend to perform product design and development in cross-functional teams.

THE ORIGIN OF FINGER-PRINTING

BoD – Books on Demand Reproduction of the original: The Origin of Finger-Printing by William J. Herschel

MANUFACTURING ENGINEERING AND TECHNOLOGY

Prentice Hall **For courses in manufacturing processes at two- or four-year schools. This text also serves as a valuable reference text for professionals. An up-to-date text that provides a solid background in manufacturing processes Manufacturing Engineering and Technology, 7/e , presents a mostly qualitative description of the science, technology, and practice of manufacturing. This includes detailed descriptions of manufacturing processes and the manufacturing enterprise that will help introduce students to important concepts. With a total of 120 examples and case studies, up-to-date and comprehensive coverage of all topics, and superior two-color graphics, this text provides a solid background for manufacturing students and serves as a valuable reference text for professionals.**

VASCULAR SURGERY

This definitive 2-volume set provides encyclopedic, authoritative coverage of all aspects of vascular surgery. The exhaustively revised and completely updated 6th Edition incorporates greater coverage of endovascular applications throughout, along with fresh approaches to key areas such as vascular access, imaging, and non-operative management. In addition, it is now available as a multimedia, offering readers enhanced reference power plus weekly updates for the life of the edition. (Midwest).

ADVANCES IN FINGERPRINT TECHNOLOGY

CRC Press **Fingerprints constitute one of the most important categories of physical evidence, and it is among the few that can be truly individualized. During the last two decades, many new and exciting developments have taken place in the field of fingerprint science, particularly in the realm of methods for developing latent prints and in the growth of imag**

ANALYZING DIGITAL DISCOURSE

NEW INSIGHTS AND FUTURE DIRECTIONS

Springer **This innovative edited collection presents new insights into emerging debates around digital communication practices. It brings together research by leading international experts to examine methods and approaches, multimodality, face and identity, across five thematically organised sections. Its contributors revise current paradigms in view of past, present, and future research and analyse how users deploy the wealth of multimodal resources afforded by digital technologies to undertake tasks and to enact identity. In its concluding section it identifies the ideologies that underpin the construction of digital texts in the social world. This important contribution to digital discourse studies will have interdisciplinary appeal across the fields of linguistics, socio-linguistics, pragmatics, discourse analysis, gender studies, multimodality, media and communication studies.**

SOFTWARE TAKES COMMAND

A&C Black **Offers the first look at the aesthetics of contemporary design from the theoretical perspectives of media theory and 'software studies'.**

ELASTIC AND INELASTIC STRESS ANALYSIS

CRC Press **Presents certain key aspects of inelastic solid mechanics centered around viscoelasticity, creep, viscoplasticity, and plasticity. It is divided into three parts consisting of the fundamentals of elasticity, useful constitutive laws, and applications to simple structural members, providing extended treatment of basic problems in static structural mechanics, including elastic and inelastic effects. It contains worked-out examples and end-of-chapter problems.**

PRODUCTIVIDAD EN OBRAS DE CONSTRUCCIÓN

DIAGNÓSTICO, CRÍTICA Y PROPUESTA

THEORY OF MACHINES AND MECHANISMS

The second edition of Shigley-Uicker maintains the tradition of being very complete, thorough, and somewhat theoretical. The principal changes include an expansion and updating of the dynamics material, expansion of the chapter on gears, an expansion of the material on mechanisms, a new introductory chapter. Intended for the Kinematics and Dynamics course in Mechanical Engineering departments.