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KEY=FN2 - JOSE DOMINIK

"Boss" Island The Subcontracting Network and Micro-entrepreneurship in Taiwan's Development Peter Lang Pub Incorporated *Challenging the state-centered approach to the East Asian development, this book enters into the hidden abode of production of Taiwan's -miracle- by analyzing its organization of production. The widespread subcontracting network, which penetrates and links numerous tiny units of production, has sustained the export-oriented industrialization in Taiwan during the past tree decades. Through management of inter-unit relationships and intra-unit adjustments, it generates flexibility and extra production capacity. This process creates opportunities for workers to set up their own workshops, which induces them to identify themselves with the existing arrangement. Paricipant observation, intensive interviews as well as official statistics and documents are employed in this book."* **Guidance Manual for Monitoring Facilities Under the Juvenile Justice and Delinquency Prevention Act of 1974, as Amended Manufacturing "Bosses" Subcontracting Networks Under Dependent Capitalism in Taiwan Learning Forensic Assessment Taylor & Francis** *Providing an excellent resource for forensic psychology undergraduate students, this book offers students the opportunity to learn from experts, through the collection of outstanding articles. Unlike other books in the area that are topic specific, it also gives them comprehensive coverage of the subject. Divided into five broad topic areas, it covers: professional issues juvenile assessment criminal forensic assessment civil forensic assessment pervasive issues – malingering and psychopathy. Written by a group of internationally renowned contributors and including didactic information as well as providing discussions on practical issues regarding assessment and assessment instruments, this textbook will be invaluable reading for all students of forensic psychology.* **Honda Civic Petrol and Diesel Owner's Workshop Manual** *This is one in a series of manuals for*

car or motorcycle owners. Each book provides information on routine maintenance and servicing, with tasks described and photographed in a step-by-step sequence so that even a novice can do the work. **VW Golf, GTI, Jetta and Cabrio, 1999 Thru 2002 Haynes Repair Manual Haynes Publications** *Every Haynes manual is based on a complete teardown and rebuild, contains hundreds of "hands-on" photos tied to step-by-step instructions, and is thorough enough to help anyone from a do-it-your-selfer to a professional.* **Machinery's Handbook A Reference Book for the Mechanical Engineer, Designer, Manufacturing Engineer, Draftsman, Toolmaker, and Machinist Corporate Finance Theory and Practice John Wiley & Sons** *Merging theory and practice into a comprehensive,highly-anticipated text Corporate Finance continues its legacy as one of the mostpopular financial textbooks, with well-established content from adiverse and highly respected author team. Unique in its features,this valuable text blends theory and practice with a direct,succinct style and commonsense presentation. Readers will beintroduced to concepts in a situational framework, followed by adetailed discussion of techniques and tools. This latest editionincludes new information on venture finance and debt structuring,and has been updated throughout with the most recent statisticaltables. The companion website provides statistics, graphs, charts,articles, computer models, and classroom tools, and the freemonthly newsletter keeps readers up to date on the latesthappenings in the field. The authors have generously madethemselves available for questions, promising an answer inseventy-two hours. Emphasizing how key concepts relate to real-world situations iswhat makes Corporate Finance a valuable reference with realrelevance to the professional and student alike. Readers will gaininsight into the methods and tools that shape the industry,allowing them to: Analyze investments with regard to hurdle rates, cash flows,side costs, and more Delve into the financing process and learn the tools andtechniques of valuation Understand cash dividends and buybacks, spinoffs, anddivestitures Explore the link between valuation and corporate finance As the global economy begins to recover, access to the mostcurrent information and statistics will be required. To remainrelevant in the evolving financial environment, practitioners willneed a deep understanding of the mechanisms at work. CorporateFinance provides the expert guidance and detailed explanationsfor those requiring a strong foundational knowledge, as well asmore advanced corporate finance professionals.* **Geocomputation with R CRC Press** *Geocomputation with R is for people who want to analyze, visualize and model geographic data with open source software. It is based on R, a statistical programming language that has powerful data processing, visualization, and geospatial capabilities. The book equips you with the knowledge and skills to tackle a wide range of issues manifested in geographic data, including those with scientific, societal, and environmental implications. This book will interest people from many backgrounds, especially Geographic Information Systems (GIS) users interested in applying their domain-specific knowledge in a powerful open source language for data science, and R users interested in extending their skills to handle spatial data. The book is divided into three parts: (I) Foundations, aimed at getting you up-to-speed with geographic data in R, (II) extensions, which covers advanced techniques, and (III) applications to real-world problems. The chapters cover progressively more advanced topics, with early chapters providing strong foundations on*

which the later chapters build. Part I describes the nature of spatial datasets in R and methods for manipulating them. It also covers geographic data import/export and transforming coordinate reference systems. Part II represents methods that build on these foundations. It covers advanced map making (including web mapping), "bridges" to GIS, sharing reproducible code, and how to do cross-validation in the presence of spatial autocorrelation. Part III applies the knowledge gained to tackle real-world problems, including representing and modeling transport systems, finding optimal locations for stores or services, and ecological modeling. Exercises at the end of each chapter give you the skills needed to tackle a range of geospatial problems. Solutions for each chapter and supplementary materials providing extended examples are available at https://geocompr.github.io/geocompkg/articles/. Dr. Robin Lovelace is a University Academic Fellow at the University of Leeds, where he has taught R for geographic research over many years, with a focus on transport systems. Dr. Jakub Nowosad is an Assistant Professor in the Department of Geoinformation at the Adam Mickiewicz University in Poznan, where his focus is on the analysis of large datasets to understand environmental processes. Dr. Jannes Muenchow is a Postdoctoral Researcher in the GIScience Department at the University of Jena, where he develops and teaches a range of geographic methods, with a focus on ecological modeling, statistical geocomputing, and predictive mapping. All three are active developers and work on a number of R packages, including stplanr, sabre, and RQGIS. **A Mathematical Introduction to Robotic Manipulation CRC Press** *A Mathematical Introduction to Robotic Manipulation presents a mathematical formulation of the kinematics, dynamics, and control of robot manipulators. It uses an elegant set of mathematical tools that emphasizes the geometry of robot motion and allows a large class of robotic manipulation problems to be analyzed within a unified framework. The foundation of the book is a derivation of robot kinematics using the product of the exponentials formula. The authors explore the kinematics of open-chain manipulators and multifingered robot hands, present an analysis of the dynamics and control of robot systems, discuss the specification and control of internal forces and internal motions, and address the implications of the nonholonomic nature of rolling contact are addressed, as well. The wealth of information, numerous examples, and exercises make A Mathematical Introduction to Robotic Manipulation valuable as both a reference for robotics researchers and a text for students in advanced robotics courses.* **Skin in the Game Hidden Asymmetries in Daily Life Random House** *#1 NEW YORK TIMES BESTSELLER • A bold work from the author of The Black Swan that challenges many of our long-held beliefs about risk and reward, politics and religion, finance and personal responsibility In his most provocative and practical book yet, one of the foremost thinkers of our time redefines what it means to understand the world, succeed in a profession, contribute to a fair and just society, detect nonsense, and influence others. Citing examples ranging from Hammurabi to Seneca, Antaeus the Giant to Donald Trump, Nassim Nicholas Taleb shows how the willingness to accept one's own risks is an essential attribute of heroes, saints, and flourishing people in all walks of life. As always both accessible and iconoclastic, Taleb challenges long-held beliefs about the values of those who spearhead military interventions, make financial investments, and propagate religious faiths. Among his insights: • For social justice, focus on symmetry and risk sharing. You*

cannot make profits and transfer the risks to others, as bankers and large corporations do. You cannot get rich without owning your own risk and paying for your own losses. Forcing skin in the game corrects this asymmetry better than thousands of laws and regulations. • Ethical rules aren't universal. You're part of a group larger than you, but it's still smaller than humanity in general. • Minorities, not majorities, run the world. The world is not run by consensus but by stubborn minorities imposing their tastes and ethics on others. • You can be an intellectual yet still be an idiot. "Educated philistines" have been wrong on everything from Stalinism to Iraq to low-carb diets. • Beware of complicated solutions (that someone was paid to find). A simple barbell can build muscle better than expensive new machines. • True religion is commitment, not just faith. How much you believe in something is manifested only by what you're willing to risk for it. The phrase "skin in the game" is one we have often heard but rarely stopped to truly dissect. It is the backbone of risk management, but it's also an astonishingly rich worldview that, as Taleb shows in this book, applies to all aspects of our lives. As Taleb says, "The symmetry of skin in the game is a simple rule that's necessary for fairness and justice, and the ultimate BS-buster," and "Never trust anyone who doesn't have skin in the game. Without it, fools and crooks will benefit, and their mistakes will never come back to haunt them." **Following Narnia Writing Lessons in Structure and Style. The lion's song** *"Following Narnia Writing Lessons - Vol. 1 includes 31 writing & reading lessons - one for every week of the year. Your students will read The Magician's Nephew, The Lion, the Witch and the Wardrobe, and The Horse and His Boy. As they read the 3 books, they will work through units 1-9 from Teaching Writing: Structure and Style. In addition to units 1-9, you will have writing lessons that include character analysis, symbolism analysis, theme analysis and a response to literature essay. Your teacher manual includes your weekly lesson plan, but assumes you have viewed the DVDs or attended a live Teaching Writing: Structure and Style. After you teach the lesson, your students will use the rest of the week to write, edit & rewrite. The teacher manual also includes a section to teach vocabulary from the Narnia series, as well as checklists & sample essays for each lesson. The student manual provides your student with all the information & background teaching for each lesson. After the teaching of the lesson, your student book gives the assignment for the week ... step-by-step. The student manual has space & outlines for each exercise your student will complete. IEW - Following Narnia Combo: Writing Lessons in Structure & Style. Everything your student needs to be successful in his reading & writing assignments are included in their student manual."--Amazon.com* **Statistical Mechanics Entropy, Order Parameters and Complexity OUP Oxford** *In each generation, scientists must redefine their fields: abstracting, simplifying and distilling the previous standard topics to make room for new advances and methods. Sethna's book takes this step for statistical mechanics - a field rooted in physics and chemistry whose ideas and methods are now central to information theory, complexity, and modern biology. Aimed at advanced undergraduates and early graduate students in all of these fields, Sethna limits his main presentation to the topics that future mathematicians and biologists, as well as physicists and chemists, will find fascinating and central to their work. The amazing breadth of the field is reflected in the author's large supply of carefully crafted exercises, each an introduction to a whole field of*

study: everything from chaos through information theory to life at the end of the universe. **Canon EOS 5D Mark III The Guide to Understanding and Using Your Camera Rocky Nook, Inc.** *The Canon EOS 5D Mark III is the latest in Canon's line of full-frame DSLR cameras. Its impressive array of capabilities and advanced controls allow the photographer ever more influence over the final image. With this comes more menus, buttons, and dials that the photographer must learn how to use to take full advantage of the camera. This book explores the features and capabilities of the 5D Mark III in a way that far surpasses the user's manual. It guides readers through the camera features with step-by-step setting adjustments; color illustrations; and detailed how, when, and why explanations for each option. Every button, dial, switch, and menu configuration setting is explored in a user-friendly manner, with suggestions for setup. The informative text is illustrated with screenshots and example images throughout, making it easy to follow along. Author James Johnson covers everything from the basic features of the camera to the numerous advanced photographic options as he discusses topics such as focus and exposure, lenses, lighting, custom settings, and more. With this book as your guide, you'll learn how to get the most out of this powerful camera.* **Fundamentals of Electromigration-Aware Integrated Circuit Design Springer** *The book provides a comprehensive overview of electromigration and its effects on the reliability of electronic circuits. It introduces the physical process of electromigration, which gives the reader the requisite understanding and knowledge for adopting appropriate counter measures. A comprehensive set of options is presented for modifying the present IC design methodology to prevent electromigration. Finally, the authors show how specific effects can be exploited in present and future technologies to reduce electromigration's negative impact on circuit reliability.* **The Maritime Engineering Reference Book A Guide to Ship Design, Construction and Operation Elsevier** *The Maritime Engineering Reference Book is a one-stop source for engineers involved in marine engineering and naval architecture. In this essential reference, Anthony F. Molland has brought together the work of a number of the world's leading writers in the field to create an inclusive volume for a wide audience of marine engineers, naval architects and those involved in marine operations, insurance and other related fields. Coverage ranges from the basics to more advanced topics in ship design, construction and operation. All the key areas are covered, including ship flotation and stability, ship structures, propulsion, seakeeping and maneuvering. The marine environment and maritime safety are explored as well as new technologies, such as computer aided ship design and remotely operated vehicles (ROVs). Facts, figures and data from world-leading experts makes this an invaluable ready-reference for those involved in the field of maritime engineering. Professor A.F. Molland, BSc, MSc, PhD, CEng, FRINA. is Emeritus Professor of Ship Design at the University of Southampton, UK. He has lectured ship design and operation for many years. He has carried out extensive research and published widely on ship design and various aspects of ship hydrodynamics. * A comprehensive overview from best-selling authors including Bryan Barrass, Rawson and Tupper, and David Eyres * Covers basic and advanced material on marine engineering and Naval Architecture topics * Have key facts, figures and data to hand in one complete reference book* **Analog/RF and Mixed-Signal Circuit Systematic Design Springer Science & Business Media** *Despite the fact*

that in the digital domain, designers can take full benefits of IPs and design automation tools to synthesize and design very complex systems, the analog designers' task is still considered as a 'handcraft', cumbersome and very time consuming process. Thus, tremendous efforts are being deployed to develop new design methodologies in the analog/RF and mixed-signal domains. This book collects 16 state-of-the-art contributions devoted to the topic of systematic design of analog, RF and mixed signal circuits. Divided in the two parts Methodologies and Techniques recent theories, synthesis techniques and design methodologies, as well as new sizing approaches in the field of robust analog and mixed signal design automation are presented for researchers and R/D engineers. **Ship Design Methodologies of Preliminary Design Springer** *This book deals with ship design and in particular with methodologies of the preliminary design of ships. The book is complemented by a basic bibliography and five appendices with useful updated charts for the selection of the main dimensions and other basic characteristics of different types of ships (Appendix A), the determination of hull form from the data of systematic hull form series (Appendix B), the detailed description of the relational method for the preliminary estimation of ship weights (Appendix C), a brief review of the historical evolution of shipbuilding science and technology from the prehistoric era to date (Appendix D) and finally a historical review of regulatory developments of ship's damage stability to date (Appendix E). The book can be used as textbook for ship design courses or as additional reading for university or college students of naval architecture courses and related disciplines; it may also serve as a reference book for naval architects, practicing engineers of related disciplines and ship officers, who like to enter the ship design field systematically or to use practical methodologies for the estimation of ship's main dimensions and of other ship main properties and elements of ship design.* **Data Science and Analytics 5th International Conference on Recent Developments in Science, Engineering and Technology, REDSET 2019, Gurugram, India, November 15–16, 2019, Revised Selected Papers, Part II Springer** *This two-volume set (CCIS 1229 and CCIS 1230) constitutes the refereed proceedings of the 5th International Conference on Recent Developments in Science, Engineering and Technology, REDSET 2019, held in Gurugram, India, in November 2019. The 74 revised full papers presented were carefully reviewed and selected from total 353 submissions. The papers are organized in topical sections on data centric programming; next generation computing; social and web analytics; security in data science analytics; big data analytics.* **The Fujifilm X100F 101 X-Pert Tips to Get the Most Out of Your Camera Rocky Nook, Inc.**

In this book, popular Fuji Rumors "X-Pert Corner" columnist Rico Pfirstinger teaches about the little-known capabilities of the X100F, which he's discovered through months of in-depth research and experimentation with the camera. After a brief overview of the camera's basic functions, Rico cuts to the chase and provides a plethora of tips and practical instructions not found in the user's manual. With this knowledge, you will be able to take full advantage of the capabilities of the X100F.

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height: 13.0px} p.p3 {margin: 0.0px 0.0px 0.0px 0.0px; font: 12.0px Cambria} span.s1 {font: 12.0px Cambria} span.s2 {font: 11.0px Verdana} span.Apple-tab-span {white-space:pre}

The Fujifilm X-series cameras have amazing features, but some users may require an adjustment period if they are new to these cameras—even photographers who have been lifetime DSLR shooters. This guide will help you to quickly feel comfortable using your camera so that you can achieve excellent results.

Topics covered include:

- Menu shortcuts

- Long exposures

- Firmware upgrades

- Hybrid autofocus system

- Auto and manual focusing

- Face detection

- Dynamic Range expansion

- Film simulations

- Custom settings

- RAW conversion

- Panoramas

- Movies

- Self-timer

- Flash

- Conversion lenses

- And much more...

Newnes Engineering Science Pocket Book Elsevier *Newnes Engineering Science Pocket Book provides a readily available reference to the essential engineering science formulae, definitions, and general information needed during studies and/or work situation. This book consists of three main topics— general engineering science, electrical engineering science, and mechanical engineering science. In these topics, this text specifically discusses the atomic structure of matter, standard quality symbols and units, chemical effects of electricity, and capacitors and capacitance. The alternating currents and voltages, three phase systems, D.C. machines, and A.C. motors are also elaborated. This compilation likewise covers the linear momentum and impulse, effects of forces on materials, and pressure in fluids. This publication is useful for technicians and engineers, as well as students studying for technician certificates and diplomas, GCSE, and A levels.* **Rulings** *Social security rulings on federal old-age, survivors, disability, and supplemental security income; and black lung benefits.* **Genetic and Evolutionary Computation for Image Processing and Analysis Hindawi Publishing Corporation Increasing Productivity of Intensive Rice Systems Through Site-Specific Nutrient Management Int. Rice Res. Inst. Machinery's Handbook 31 Digital Edition An Easy-Access Value-Added Package** *Since the first edition published more than 100 years ago, Machinery's Handbook has been acknowledged as an exceptionally authoritative and comprehensive, yet highly practical, and easy-to-use tool. The versatile Machinery's Handbook 31 Digital Edition makes access to this vast collection of information even easier and includes more than 1,200 additional pages. This value-added package includes: The complete contents of the printed Machinery's Handbook, 31st Edition, which has grown by nearly 100 pages, with thousands of revisions and updates since the last edition. Nearly 800 pages of additional archival content--still useful and interesting text, tables, and figures--extracted over time from previous editions of the Handbook. Table of contents and indexes for material only available in the Digital Edition. Useful indexes of standards and materials covered throughout this expanded edition. The complete contents of the companion volume Guide to the Use of Tables and Formulas in the Machinery's Handbook, 31st Edition, with handy links to Digital Edition pages. Features View and print text, tables, and graphics identical to the printed book. Zoom to magnify pages for a detailed view of complex and detailed data. Search the complete contents and access information you need with quick navigation aids: thousands of clickable links in the contents, text, and indexes. Choose online and offline viewing options on your PC, Mac, iPad, iPhone, and Android devices (download of provided reader required for offline viewing applications). Installation Note: While we have eliminated use of a CD-ROM drive, an Internet connection still is required for setup of the Machinery's Handbook 31 Digital Edition. This package includes detailed setup instructions and a unique access code to register a single-user digital product.*

13th International Conference on Theory and Application of Fuzzy Systems and Soft Computing — ICAFS-2018 Springer *This book presents the proceedings of the 13th International Conference on Application of Fuzzy Systems and Soft Computing (ICAFS 2018), held in Warsaw, Poland on August 27–28, 2018. It includes contributions from diverse areas of soft computing such as uncertain computation, Z-information processing, neuro-fuzzy approaches, evolutionary computing and others. The topics of the papers include theory of uncertainty computation; theory and application of soft computing; decision theory with imperfect information; neuro-fuzzy technology; image processing with soft computing; intelligent control; machine learning; fuzzy logic in data analytics and data mining; evolutionary computing; chaotic systems; soft computing in business, economics and finance; fuzzy logic and soft computing in the earth sciences; fuzzy logic and soft computing in engineering; soft computing in medicine, biomedical engineering and the pharmaceutical sciences; and probabilistic and statistical reasoning in the social and educational sciences. The book covers new ideas from theoretical and practical perspectives in economics, business, industry, education, medicine, the earth sciences and other fields. In addition to promoting the development and application of soft computing methods in various real-life fields, it offers a useful guide for academics, practitioners, and graduates in fuzzy logic and soft computing fields.* **Design of Jigs, Fixtures and Press Tools Springer Nature** *This textbook is aimed at providing an introduction to the subject for undergraduate students studying mechanical and manufacturing engineering at most universities. Many of the universities prescribe a syllabus that contains both Design of Jigs and Fixtures, and Design of Press Tools in a single semester course. Keeping the above in mind, this book is designed in two parts. Part-I deals with Jigs and Fixtures and Part-II is earmarked exclusively for the study of Press Tools. Both these subjects are built progressively in successive chapters. A separate appendix, in each part, provides short answer questions with answers, which will help the students in clarifying doubts and strengthen their knowledge. The explanatory notes and illustrations provided in the book will serve as an aid for learning. End-of-chapter questions and answers will prove useful for self study. This textbook will be extremely useful for the students and practicing engineers studying mechanical, manufacturing, and production engineering.* **Parallel Robots Springer Science & Business Media** *Parallel robots are closed-loop mechanisms presenting very good performances in terms of accuracy, velocity, rigidity and ability to manipulate large loads. They have been used in a large number of applications ranging from astronomy to flight simulators and are becoming increasingly popular in the field of machine-tool industry. This book presents a complete synthesis of the latest results on the possible mechanical architectures, analysis and synthesis of this type of mechanism. It is intended to be used by students (with over 150 exercises and numerous internet addresses), researchers (with over 650 references and anonymous ftp access to the code of some algorithms presented in this book) and engineers (for which practical results, mistakes to avoid, and applications are presented). Since the publication of the first edition (2000) there has been an impressive increase in terms of study and use of this kind of structure that are reported in this book. This second edition has been completely overhauled. The initial chapter on kinematics has been split into Inverse Kinematics and Direct*

Kinematics. A new chapter on calibration was added. The other chapters have also been rewritten to a large extent. The reference section has been updated to include around 45% new works that appeared after the first edition. **AWS A5. 4/A5. 4M-2012, Specification for Stainless Steel Electrodes for Shielded Metal Arc Welding** *Composition and other requirements are specified for more than forty classifications of covered stainless steel welding electrodes. The requirements include general requirements, testing, and packaging. Annex A provides application guidelines and other useful information about the electrodes. This specification makes use of both U.S. Customary Units and the International System of Units [SI]. Since these are not equivalent, each system must be used independently of the other.* **Chinese Lexical Semantics 17th Workshop, CLSW 2016, Singapore, Singapore, May 20–22, 2016, Revised Selected Papers Springer** *This book constitutes the thoroughly refereed post-workshop proceedings of the 17th Chinese Lexical Semantics Workshop, CLSW 2016, held in Singapore, Singapore, in May 2016. The 70 regular papers included in this volume were carefully reviewed and selected from 182 submissions. They are organized in topical sections named: lexicon and morphology, the syntax-semantics interface, corpus and resource, natural language processing, case study of lexical semantics, extended study and application.* **PNG The Definitive Guide Oreilly & Associates Incorporated** *Helps graphic designers get the most out of this nextgeneration graphics file format and programmers who want to add full PNGsupport to their own applications by emphasizing the implementation of PNG with the libng C library and discussing such improvements as gamma correction and standard color spaces. Original. (Intermediate)* **Mobile Web and Intelligent Information Systems 13th International Conference, MobiWIS 2016, Vienna, Austria, August 22-24, 2016, Proceedings Springer** *This book constitutes the refereed proceedings of the 13th International Conference on Mobile Web and Intelligent Information Systems, MobiWIS 2016, held in Vienna, Austria, in August 2016. The 36 papers presented in this volume were carefully reviewed and selected from 98 submissions. They were organization in topical sections named: mobile Web - practice and experience; advanced Web and mobile systems; security of mobile applications; mobile and wireless networking; mobile applications and wearable devices; mobile Web and applications; personalization and social networks.* **Grief Recovery Handbook, The (Revised) A Program for Moving Beyond Death, Divorce, and Other Devastating Losses Harper Collins** *Offers those coping with the loss of a loved one, a job, or a marriage a tested program of specific actions for recovery* **Orphans and Vulnerable Children Wellbeing Tool: User's Guide Catholic Relief Services** *The Orphans and Vulnerable Children Wellbeing Tool was developed to serve as a fast, easy method of securing data about the overall wellbeing of children in OVC programs.* **Modelling and Controlling Hydropower Plants Springer Science & Business Media** *Hydroelectric power stations are a major source of electricity around the world; understanding their dynamics is crucial to achieving good performance. The electrical power generated is normally controlled by individual feedback loops on each unit. The reference input to the power loop is the grid frequency deviation from its set point, thus structuring an external frequency control loop. The book discusses practical and well-documented cases of modelling and controlling hydropower stations, focused on a pumped storage*

scheme based in Dinorwig, North Wales. These accounts are valuable to specialist control engineers who are working in this industry. In addition, the theoretical treatment of modern and classic controllers will be useful for graduate and final year undergraduate engineering students. This book reviews SISO and MIMO models, which cover the linear and nonlinear characteristics of pumped storage hydroelectric power stations. The most important dynamic features are discussed. The verification of these models by hardware in the loop simulation is described. To show how the performance of a pumped storage hydroelectric power station can be improved, classical and modern controllers are applied to simulated models of Dinorwig power plant, that include PID, Fuzzy approximation, Feed-Forward and Model Based Predictive Control with linear and hybrid prediction models. **Hydrogen-Air PEM Fuel Cell Integration, Modeling, and Control Walter de Gruyter GmbH & Co KG** *The book presents the modeling and control of hydrogen-air PEM fuel cells, including simultaneous estimation of the parameters and states, fuzzy cluster modeling, SPM-based predictive control and advanced fuzzy control. MATLAB/Simulink-based modeling and control programs are discussed in detail. With simulations and experiments, it is an essential reference for both scientists and industrial engineers.* **Classification in the Information Age Proceedings of the 22nd Annual GfKl Conference, Dresden, March 4-6, 1998 Springer Science & Business Media** *The volume presents contributions to the analysis of data in the information age - a challenge of growing importance. Scientists and professionals interested in classification, data analysis, and statistics will find in this book latest research results as well as applications to economics (especially finance and marketing), archeology, bioinformatics, environment, and health.* **Photo Icons 50 Landmark Photographs and Their Stories** *From Nicéphore Niépce's 1827 eight-hour-exposure rooftop pictures to the horror of Nick Ut's "napalm girl," the 50 photographs in this collection have defined eras, made history, or touched something so fundamentally human that they have become resonant icons around the world. Each image goes under the microscope, revealing the history of the...* **Recent Advances in Natural Language Processing Selected Papers from RANLP'95 John Benjamins Publishing** *This volume is based on contributions from the First International Conference on Recent Advances in Natural Language Processing (RANLP'95) held in Tzigov Chark, Bulgaria, 14-16 September 1995. This conference was one of the most important and competitively reviewed conferences in Natural Language Processing (NLP) for 1995 with submissions from more than 30 countries. Of the 48 papers presented at RANLP'95, the best (revised) papers have been selected for this book, in the hope that they reflect the most significant and promising trends (and latest successful results) in NLP. The book is organised thematically and the contributions are grouped according to the traditional topics found in NLP: morphology, syntax, grammars, parsing, semantics, discourse, grammars, generation, machine translation, corpus processing and multimedia. To help the reader find his/her way, the authors have prepared an extensive index which contains major terms used in NLP; an index of authors which lists the names of the authors and the page numbers of their paper(s); a list of figures; and a list of tables. This book will be of interest to researchers, lecturers and graduate students interested in Natural Language Processing and more specifically to those who work in Computational Linguistics, Corpus*

Linguistics and Machine Translation. **Wearable Robotics Systems and Applications Academic Press** *Wearable Robotics: Systems and Applications provides a comprehensive overview of the entire field of wearable robotics, including active orthotics (exoskeleton) and active prosthetics for the upper and lower limb and full body. In its two major sections, wearable robotics systems are described from both engineering perspectives and their application in medicine and industry. Systems and applications at various levels of the development cycle are presented, including those that are still under active research and development, systems that are under preliminary or full clinical trials, and those in commercialized products. This book is a great resource for anyone working in this field, including researchers, industry professionals and those who want to use it as a teaching mechanism. Provides a comprehensive overview of the entire field, with both engineering and medical perspectives Helps readers quickly and efficiently design and develop wearable robotics for healthcare applications*