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Sams Teach Yourself HTML, CSS, and JavaScript All in One Julie C. Meloni 2011-11-21 Sams Teach Yourself HTML, CSS and JavaScript All in One The all-in-one HTML, CSS and JavaScript beginner's guide: covering the three most important languages for web development. Covers everything beginners need to know about the HTML and CSS standards and today's JavaScript and Ajax libraries - all in one book, for the first time Integrated, well-organized coverage expertly shows how to use all these key technologies together Short, simple lessons teach hands-on skills readers can apply immediately By best-selling author Julie Meloni Mastering HTML, CSS, and JavaScript is vital for any beginning web developer - and the importance of these technologies is growing as web development moves away from proprietary alternatives such as

Flash. Sams Teach Yourself HTML, CSS, and JavaScript All in One brings together everything beginners need to build powerful web applications with the HTML and CSS standards and the latest JavaScript and Ajax libraries. With this book, beginners can get all the modern web development knowledge you need from one expert source. Bestselling author Julie Meloni (Sams Teach Yourself PHP, MySQL and Apache All in One) teaches simply and clearly, through brief, hands-on lessons focused on knowledge you can apply immediately. Meloni covers all the building blocks of practical web design and development, integrating new techniques and features into every chapter. Each lesson builds on what's come before, showing you exactly how to use HTML, CSS, and JavaScript together to create great web sites.

Modern Algebra (Abstract Algebra)

Writing a Successful Research Paper Stanley Chodorow 2011-12-01 This brief, practical guide offers a clear and comprehensive strategy for conceptualizing, approaching, and executing the task of writing a research paper in the humanities and social sciences. In addition, it provides: a critical and process-oriented approach to the tasks of topic selection, formulation of the research question, thesis development, and argumentation. judiciously selected examples drawn from a broad range of disciplines. concise treatment of the aims, methods, and conventions of scholarly research, including the opportunities and pitfalls of Internet use. a wealth of conceptual and organizational tools, and more.

World Report on Ageing and Health World Health Organization 2015-10-22 The WHO World report on ageing and health is not for the book shelf it is a living breathing testament to all older people who have fought for their voice to be heard at all levels of government across disciplines and sectors. - Mr Bjarne Hastrup President International Federation on Ageing and CEO DaneAge This report outlines a framework for action to foster Healthy Ageing built around the new concept of functional ability. This will require a transformation of health systems away from disease based curative models and towards the provision of older-person-centred and integrated care. It will require the development sometimes from nothing of comprehensive systems of long

term care. It will require a coordinated response from many other sectors and multiple levels of government. And it will need to draw on better ways of measuring and monitoring the health and functioning of older populations. These actions are likely to be a sound investment in society's future. A future that gives older people the freedom to live lives that previous generations might never have imagined. The World report on ageing and health responds to these challenges by recommending equally profound changes in the way health policies for ageing populations are formulated and services are provided. As the foundation for its recommendations the report looks at what the latest evidence has to say about the ageing process noting that many common perceptions and assumptions about older people are based on outdated stereotypes. The report's recommendations are anchored in the evidence comprehensive and forward-looking yet eminently practical. Throughout examples of experiences from different countries are used to illustrate how specific problems can be addressed through innovation solutions. Topics explored range from strategies to deliver comprehensive and person-centred services to older populations to policies that enable older people to live in comfort and safety to ways to correct the problems and injustices inherent in current systems for long-term care.

Textbook of Environmental Studies for

Undergraduate Courses Erach Bharucha 2005-11 The Importance Of Environmental Studies Cannot Be Disputed Since The Need For Sustainable Development Is A Key To The Future Of Mankind. Recognising This, The Honourable Supreme Court Of India Directed The Ugc To Introduce A Basic Course On Environmental Education For Undergraduate Courses In All Disciplines, To Be Implemented By Every University In The Country. Accordingly, The Ugc Constituted An Expert Committee To Formulate A Six-Month Core Module Syllabus For Environmental Studies. This Textbook Is The Outcome Of The Ugc S Efforts And Has Been Prepared As Per The Syllabus. It Is Designed To Bring About An Awareness On A Variety Of Environmental Concerns. It Attempts To Create A Pro-Environmental Attitude And A Behavioural Pattern In Society That Is Based On Creating Sustainable Lifestyles And A New Ethic Towards Conservation. This Textbook Stresses On A Balanced View Of Issues That Affect Our Daily Lives. These Issues Are Related To The Conflict Between Existing `Development Strategies And The Need For `Conservation . It Not Only Makes The Student Better Informed On These Concerns, But Is Expected To Lead The Student Towards Positive Action To Improve The Environment. Based On A Multidisciplinary Approach That Brings About An Appreciation Of The Natural World And Human Impact On Its Integrity, This Textbook Seeks Practical Answers To Make Human Civilization Sustainable On The Earth S Finite Resources. Attractively Priced At Rupees One Hundred And Fifteen Only, This Textbook Covers The Syllabus As Structured By The Ugc, Divided Into 8 Units And 50 Lectures. The First 7 Units, Which Cover 45 Lectures Are Classroom Teaching-Based, And Enhance Knowledge Skills And Attitude To Environment. Unit 8 Is Based On Field Activities To Be Covered In 5 Lecture Hours And Would Provide Students With First Hand Knowledge On Various Local Environmental Issues.

Introduction to E-commerce Zheng Qin 2010-06-30 Introduction to E-commerce discusses the foundations and key aspects of E-commerce while focusing on the latest developments in the E-commerce industry. Practical case studies offer a useful reference for dealing with various issues in E-commerce such as latest applications, management techniques, or psychological methods. Dr. Zheng Qin is currently Director of the E-Commerce Institute of Xi'an Jiaotong University.

Prominin-1 (CD133): New Insights on Stem & Cancer Stem Cell Biology Denis Corbeil 2012-11-19 Prominin-1 or otherwise known as CD133 is a glycoprotein that is present in humans and mice. Since the first description of prominin in 1997, in mouse neuroepithelial cells and in human hematopoietic stem cells as AC133

antigen, this molecule has aroused a large interest especially, as a stem cell marker, that gave rise to an ever growing body of publications and more recently its expression in cancer stem cells. Controversies as to its role as a cancer stem and its detection in different models, as well as its use as a prognostic marker have emerged. Yet, beyond its use as a stem cell and cancer stem cell marker, prominin-1/CD133 displays unique biological features and appears of importance in other processes like for example in retinal biogenesis. Indeed, this five-transmembrane plasma membrane glycoprotein, which marks membrane protrusions is associated with several essential processes like cell polarity, asymmetric cell division and membrane remodeling. We propose to review current knowledge about this intriguing molecule and present pertinent information to determine the biological role of prominins and assess their importance in medicine and cancer research. The primary audience for this book is geared towards scientists and researchers with interest in cancer stem cells, stem cells, cell biology, neurobiology, and regenerative medicine.

MLA Style Manual and Guide to Scholarly Publishing Joseph Gibaldi 1998 Provides information on stylistic aspects of research papers, theses, and dissertations, including sections on writing fundamentals, MLA documentation style, and copyright law

The Google Resume Gayle Laakmann McDowell 2011-01-25

The Invisible Man H. G. Wells 2017-01-22 First published in 1897, The Invisible Man is one of the first science fiction stories. The disturbing tale centers on Griffin, a scientist who has discovered the means to make himself invisible. His initial, almost comedic, adventures are soon overshadowed by the bizarre streak of terror he unleashes upon the inhabitants of a small village. Notable for its sheer invention, suspense, and psychological nuance, The Invisible Man had been filmed many times and continues to enthrall science-fiction fans today as it did the reading public nearly 100 years ago.

Elements of Set Theory Herbert B. Enderton 1977-05-23 This is an introductory undergraduate textbook in set theory. In mathematics these days, essentially everything is a set. Some knowledge of set theory is necessary part of the background everyone needs for further study of mathematics. It is also possible to study set theory for its own interest--it is a subject with intruiging results anout simple objects. This book starts with material that nobody can do without. There is no end to what can be learned of set theory, but here is a beginning.

Fundamentals of Multimedia Ze-Nian Li 2014-04-09 This textbook introduces the "Fundamentals of Multimedia", addressing real issues commonly faced in the workplace. The

essential concepts are explained in a practical way to enable students to apply their existing skills to address problems in multimedia. Fully revised and updated, this new edition now includes coverage of such topics as 3D TV, social networks, high-efficiency video compression and conferencing, wireless and mobile networks, and their attendant technologies. Features: presents an overview of the key concepts in multimedia, including color science; reviews lossless and lossy compression methods for image, video and audio data; examines the demands placed by multimedia communications on wired and wireless networks; discusses the impact of social media and cloud computing on information sharing and on multimedia content search and retrieval; includes study exercises at the end of each chapter; provides supplementary resources for both students and instructors at an associated website.

Digital Entrepreneurship Mariusz Soltanifar 2020-11-13 This open access book explores the global challenges and experiences related to digital entrepreneurial activities, using carefully selected examples from leading companies and economies that shape world business today and tomorrow. Digital entrepreneurship and the companies steering it have an enormous global impact; they promise to transform the business world and change the way we communicate with each other. These companies use digitalization

and artificial intelligence to enhance the quality of decisions and augment their business and customer operations. This book demonstrates how cloud services are continuing to evolve; how cryptocurrencies are traded in the banking industry; how platforms are created to commercialize business, and how, taken together, these developments provide new opportunities in the digitalized era. Further, it discusses a wide range of digital factors changing the way businesses operate, including artificial intelligence, chatbots, voice search, augmented and virtual reality, as well as cyber threats and data privacy management. "Digitalization mirrors the Industrial Revolution's impact. This book provides a complement of perspectives on the opportunities emanating from such a deep seated change in our economy. It is a comprehensive collection of thought leadership mapped into a very useful framework. Scholars, digital entrepreneurs and practitioners will benefit from this timely work." Gina O'Connor, Professor of Innovation Management at Babson College, USA "This book defines and delineates the requirements for companies to enable their businesses to succeed in a post-COVID19 world. This book deftly examines how to accomplish and achieve digital entrepreneurship by leveraging cloud computing, AI, IoT and other critical technologies. This is truly a unique "must-read" book because it goes beyond theory and provides

practical examples." Charlie Isaacs, CTO of Customer Connection at Salesforce.com, USA "This book provides digital entrepreneurs useful guidance identifying, validating and building their venture. The international authors developed new perspectives on digital entrepreneurship that can support to create impact ventures." Felix Staeritz, CEO FoundersLane, Member of the World Economic Forum Digital Leaders Board and bestselling author of FightBack, Germany

Area-Wide Management of Fruit Fly Pests Diana Perez-Staples 2019-11-22 Fruit fly (Diptera: Tephritidae) pests have a profound impact on horticultural production and economy of many countries. It is fundamental to understand their biology and evaluate methods for their suppression, containment, or eradication. Area-Wide Management of Fruit Fly Pests comprises contributions from scientists from around the world on several species of tephritids working on diverse subjects with a focus on area-wide management of these pests. The first three sections of the book explore aspects of the biology, ecology, physiology, behavior, taxonomy, and morphology of fruit flies. The next two sections provide evidence on the efficacy of attractants, risk assessment, quarantine, and post-harvest control methods. The fifth and sixth sections examine biological control methods such as the Sterile Insect Technique and the use of natural enemies of fruit flies. The seventh section focuses on area-wide integrated pest management and action programs. Finally, the eighth section examines social, economic, and policy issues of action programs aimed at involving the wider community in the control of these pests and facilitate the development of control programs. Features: Presents information on the biology of tephritid flies. Provides knowledge on the use of natural enemies of fruit flies for their biological control. Includes research results on models and diets used for the Sterile Insect Technique. Reports developments on the chemical ecology of fruit flies that contribute to make control methods more specific and efficient. Reviews subjects such as Holistic Pest Management and Area-Wide Management Programs including social, economic, and policy issues in various countries. The Open Access version of this book, available at https://www.taylorfrancis.com/books/97804293557 38, has been made available under a Creative Commons Attribution-Non Commercial-No Derivatives 4.0 license.

Introduction to Probability Charles Miller Grinstead 2012-10 This text is designed for an introductory probability course at the university level for sophomores, juniors, and seniors in mathematics, physical and social sciences, engineering, and computer science. It presents a thorough treatment of ideas and techniques necessary for a firm understanding of the subject.

The text is also recommended for use in discrete probability courses. The material is organized so that the discrete and continuous probability discussions are presented in a separate, but parallel, manner. This organization does not emphasize an overly rigorous or formal view of probability and therefore offers some strong pedagogical value. Hence, the discrete discussions can sometimes serve to motivate the more abstract continuous probability discussions. Features: Key ideas are developed in a somewhat leisurely style, providing a variety of interesting applications to probability and showing some nonintuitive ideas. Over 600 exercises provide the opportunity for practicing skills and developing a sound understanding of ideas. Numerous historical comments deal with the development of discrete probability. The text includes many computer programs that illustrate the algorithms or the methods of computation for important problems. The book is a beautiful introduction to probability theory at the beginning level. The book contains a lot of examples and an easy development of theory without any sacrifice of rigor, keeping the abstraction to a minimal level. It is indeed a valuable addition to the study of probability theory. --Zentralblatt MATH

The 5-minute Urology Consult Leonard G. Gomella 2009 This is a comprehensive reference for urological disorders, including adult and pediatric problems. Given the nature of the 5 Minute format, it is more useful for medical than surgical approaches to urologic problems, and thus functions well as an adjunct to Glenn's Urologic Surgery, for which Len Gomella is also an editor. As a comprehensive reference it occupies a vacant spot in the market between good but smaller and less comprehensive handbooks and encyclopedic, often multivolume, textbooks. It is useful as a board exam prep tool. The Second Edition includes a number of new entries and a new section of algorithms for some of the most common or problematic diagnoses. The organization of the book has been revamped so that all standard 2-page entries are printed in alphabetical order, and pages are tabbed for quicker access. The short entries are printed in alphabetical order in their own section after the standard entries.

Basic Abstract Algebra P. B. Bhattacharya 1994-11-25 This book provides a complete abstract algebra course, enabling instructors to select the topics for use in individual classes.

Drug Abuse Handbook, Second Edition Steven B. Karch, MD, FFFLM 2006-12-21 Following the well-received first edition, the Drug Abuse Handbook, Second Edition is a thorough compendium of the knowledge of the pharmacological, medical, and legal aspects of drugs. The book examines criminalistics, pathology, pharmacokinetics, neurochemistry, treatment, as well as drugs and drug testing in

the workplace and in sports, and the ethical, legal, and practical issues involved. Dr. Karch gathers contributions from 80 leading experts in their respective fields to update and revise this second edition with more than 40 percent new material. New topics include genetic testing in drug death investigation, the neurochemistry of nicotine and designer amphetamines, genetic doping in sports, and the implications of the Daubert ruling on the admissibility of scientific evidence in federal court. Packed with the latest information in an easily accessible format, the book includes tables of all Scheduled Drugs, methods of Drug Quantitative Analysis, and a glossary of forensic toxicology terms. Vivid pictures and diagrams illustrate the pathological effects of drugs and the chemical make-up and breakdown of abused drugs. It includes more than 6000 references to the best sources in medicine, pharmacology, and the law. This book addresses specific problems in drug testing, drug-related medical emergencies, and the physical, neurochemical, and sociological phenomenon of addiction. With unparalleled detail and the highest level of authoritative information, The Drug Abuse Handbook, Second Edition is the definitive resource for drug related issues.

Precision Nutrition and Metabolic Syndrome Management Alfredo Martinez 2018 Precision Nutrition and Metabolic Syndrome Management.

Chatbot Research and Design Asbjørn Følstad

2020-01-18 This book constitutes the refereed proceedings of the Third International Workshop on Chatbot Research and Design, CONVERSATIONS 2019, held in Amsterdam, The Netherlands, in November 2019. The 18 revised full papers presented in this volume were carefully reviewed and selected from 31 submissions. The papers are grouped in the following topical sections: user and communication studies user experience and design, chatbots for collaboration, chatbots for customer service, and chatbots in education.

Linux with Operating System Concepts Richard Fox 2021-12-29 A True Textbook for an Introductory Course, System Administration Course, or a Combination Course Linux with Operating System Concepts, Second Edition merges conceptual operating system (OS) and Unix/Linux topics into one cohesive textbook for undergraduate students. The book can be used for a one- or two-semester course on Linux or Unix. It is complete with review sections, problems, definitions, concepts and relevant introductory material, such as binary and Boolean logic, OS kernels and the role of the CPU and memory hierarchy. Details for Introductory and Advanced Users The book covers Linux from both the user and system administrator positions. From a user perspective, it emphasizes command-line interaction. From a system administrator perspective, the text reinforces shell

scripting with examples of administration scripts that support the automation of administrator tasks. Thorough Coverage of Concepts and Linux Commands The author incorporates OS concepts not found in most Linux/Unix textbooks, including kernels, file systems, storage devices, virtual memory and process management. He also introduces computer science topics, such as computer networks and TCP/IP, interpreters versus compilers, file compression, file system integrity through backups, RAID and encryption technologies, booting and the GNUs C compiler. New in this Edition The book has been updated to systemd Linux and the newer services like Cockpit, NetworkManager, firewalld and journald. This edition explores Linux beyond CentOS/Red Hat by adding detail on Debian distributions. Content across most topics has been updated and improved.

Systems Analysis and Design Alan Dennis 2020-11-26 Systems Analysis and Design: An Object-Oriented Approach with UML, Sixth Edition helps students develop the core skills required to plan, design, analyze, and implement information systems. Offering a practical hands-on approach to the subject, this textbook is designed to keep students focused on doing SAD, rather than simply reading about it. Each chapter describes a specific part of the SAD process, providing clear instructions, a detailed example, and practice exercises. Students are guided through the topics in the same order as professional analysts working on a typical real-world project. Now in its sixth edition, this edition has been carefully updated to reflect current methods and practices in SAD and prepare students for their future roles as systems analysts. Every essential area of systems analysis and design is clearly and thoroughly covered, from project management, to analysis and design modeling, to construction, installation, and operations. The textbook includes access to a range of teaching and learning resources, and a running case study of a fictitious healthcare company that shows students how SAD concepts are applied in real-life scenarios.

Introduction to Probability and Statistics Using R G. Jay Kerns 2010

MATH 221 FIRST Semester Calculus Sigurd Angenent 2014-11-26 MATH 221 FIRST Semester CalculusBy Sigurd Angenent

Teaching Mathematics in Grades 6 - 12 Randall E. Groth 2012-08-10 Teaching Mathematics in Grades 6 - 12 by Randall E. Groth explores how research in mathematics education can inform teaching practice in grades 6-12. The author shows preservice mathematics teachers the value of being a "researcher—constantly experimenting with methods for developing students' mathematical thinking—and connecting this research to practices that enhance students' understanding of the material. Ultimately, preservice teachers will gain a deeper

understanding of the types of mathematical knowledge students bring to school, and how students' thinking may develop in response to different teaching strategies.

Recent Trends in Image Processing and Pattern Recognition K. C. Santosh 2019-07-19 This three-volume set constitutes the refereed proceedings of the Second International Conference on Recent Trends in Image Processing and Pattern Recognition (RTIP2R) 2018, held in Solapur, India, in December 2018. The 173 revised full papers presented were carefully reviewed and selected from 374 submissions. The papers are organized in topical sections in the tree volumes. Part I: computer vision and pattern recognition; machine learning and applications; and image processing. Part II: healthcare and medical imaging; biometrics and applications. Part III: document image analysis; image analysis in agriculture; and data mining, information retrieval and applications.

All My Sons Arthur Miller 1974 Presents the classic play, first produced in 1947, about guilt, responsibility, and the relationship between fathers and sons in the aftermath of a World War II corruption case.

Climate Change and Microbes Javid Ahmad Parray 2022 "book provides an enlightening picture of the role of microbes for sustaining life systems and how climatic factors change the course of the processes. Climate Change and

Microbes: Impacts and Vulnerability explores the little-addressed issue of the effects of climate change on microbial ecosystems and the influence of climate change on microbiome diversity across various habitats and regions. Recent years have seen the evidence that microbial communities are neither immune to disruption nor do they have the capacity to recover completely after a stressful climate event. This volume documents the important role of microorganisms as climate engineers and considers mitigation and adaptation strategies as well. It goes on to present the research that addresses a diverse array of topics on the impact of climate change on plant-microbe interactions and microbial aquatic life, change-induced aggravations in microbial populations and processes. The book also addresses microbial foodborne diseases resulting from challenging climates. Other topics include algae as indicators of climate change and strategies for facilitating sustainable agro-ecosystems. This book will be immensely helpful in the study of plant microbiology, agricultural sciences, biotechnology, climate science, and environmental microbiology. It will also be applicable to the field of microbial biotechnology, agricultural, and other life and environmental sciences"--

Nutrition and Cancer Vera C. Mazurak 2018-06-22 This book is a printed edition of the Special Issue "Nutrition and Cancer" that was

published in Nutrients

Ontology Matching Jérôme Euzenat 2013-11-08 Ontologies tend to be found everywhere. They are viewed as the silver bullet for many applications, such as database integration, peer-to-peer systems, e-commerce, semantic web services, or social networks. However, in open or evolving systems, such as the semantic web, different parties would, in general, adopt different ontologies. Thus, merely using ontologies, like using XML, does not reduce heterogeneity: it just raises heterogeneity problems to a higher level. Euzenat and Shvaiko's book is devoted to ontology matching as a solution to the semantic heterogeneity problem faced by computer systems. Ontology matching aims at finding correspondences between semantically related entities of different ontologies. These correspondences may stand for equivalence as well as other relations, such as consequence, subsumption, or disjointness, between ontology entities. Many different matching solutions have been proposed so far from various viewpoints, e.g., databases, information systems, and artificial intelligence. The second edition of Ontology Matching has been thoroughly revised and updated to reflect the most recent advances in this quickly developing area, which resulted in more than 150 pages of new content. In particular, the book includes a new chapter dedicated to the methodology for performing ontology matching. It also covers emerging topics, such as data interlinking, ontology partitioning and pruning, context-based matching, matcher tuning, alignment debugging, and user involvement in matching, to mention a few. More than 100 state-of-the-art matching systems and frameworks were reviewed. With Ontology Matching, researchers and practitioners will find a reference book that presents currently available work in a uniform framework. In particular, the work and the techniques presented in this book can be equally applied to database schema matching, catalog integration, XML schema matching and other related problems. The objectives of the book include presenting (i) the state of the art and (ii) the latest research results in ontology matching by providing a systematic and detailed account of matching techniques and matching systems from theoretical, practical and application perspectives.

Carbon Dioxide Utilization to Sustainable Energy and Fuels Inamuddin 2021-11-30 This edited book provides an in-depth overview of carbon dioxide (CO_2) transformations to sustainable power technologies. It also discusses the wide scope of issues in engineering avenues, key designs, device fabrication, characterizations, various types of conversions and related topics. It includes studies focusing on the applications in catalysis, energy conversion and conversion technologies, etc. This is a unique reference guide, and one of the detailed works is on this

technology. The book is the result of commitments by leading researchers from various backgrounds and expertise. The book is well structured and is an essential resource for scientists, undergraduate, postgraduate students, faculty, R&D professionals, energy chemists and industrial experts.

Computational Topology Herbert Edelsbrunner 2010 Combining concepts from topology and algorithms, this book delivers what its title promises: an introduction to the field of computational topology. Starting with motivating problems in both mathematics and computer science and building up from classic topics in geometric and algebraic topology, the third part of the text advances to persistent homology. This point of view is critically important in turning a mostly theoretical field of mathematics into one that is relevant to a multitude of disciplines in the sciences and engineering. The main approach is the discovery of topology through algorithms. The book is ideal for teaching a graduate or advanced undergraduate course in computational topology, as it develops all the background of both the mathematical and algorithmic aspects of the subject from first principles. Thus the text could serve equally well in a course taught in a mathematics department or computer science department.

Qualitative and Quantitative Analysis of Bioactive Natural Products 2018 Maria Carla Marcotullio

2019-04-04 Throughout most of history, medicinal plants and their active metabolites have represented a valuable source of compounds used to prevent and to cure several diseases. Interest in natural compounds is still high as they represent a source of novel biologically/pharmacologically active compounds. Due to their high structural diversity and complexity, they are interesting structural scaffolds that can offer promising candidates for the study of new drugs, functional foods, and food additives. Plant extracts are a highly complex mixture of compounds and qualitative and quantitative analyses are necessary to ensure their quality. Furthermore, greener methods of extraction and analysis are needed today. This book is based on articles submitted for publication in the Special Issue entitled "Qualitative and Quantitative Analysis of Bioactive Natural Products" that collected original research and reviews on these topics.

Business Process Management Workshops Florian Daniel 2019-01-28 This book constitutes revised papers from the eight International Workshops held at the 16th International Conference on Business Process Management, BPM 2018, in Sydney, Australia, in September 2018: BPI 2018: 14th International Workshop on Business Process Intelligence; BPMS2 2018: 11th Workshop on Social and Human Aspects of Business Process Management;- PODS4H 2018: 1st International

Workshop on Process-Oriented Data Science for Healthcare; AI4BPM 2018: 1st International Workshop on Artificial Intelligence for Business Process Management; CCBPM 2018: 1st International Workshop on Emerging Computing Paradigms and Context in Business Process Management; BP-Meet-IoT / PQ 2018: Joint Business Processes Meet the Internet-of-Things and Process Querying Workshop; DeHMiMoP 2018: 1st Declarative/Decision/Hybrid Mining and Modelling for Business Processes Workshop; REBM /EdForum 2018: Joint Requirements Engineering and Business Process Management Workshop and Education Forum The 45 full papers presented in this volume were carefully reviewed and selected from 90 submissions.

Alfalfa Silage Ollie Ezekiel Reed 1917

Natural Language Processing in Artificial Intelligence Brojo Kishore Mishra 2020-11-01 This volume focuses on natural language processing, artificial intelligence, and allied areas. Natural language processing enables communication between people and computers and automatic translation to facilitate easy interaction with others around the world. This book discusses theoretical work and advanced applications, approaches, and techniques for computational models of information and how it is presented by language (artificial, human, or natural) in other ways. It looks at intelligent natural language processing and related models of thought, mental states, reasoning, and other cognitive processes. It explores the difficult problems and challenges related to partiality, underspecification, and context-dependency, which are signature features of information in nature and natural languages. Key features: • Addresses the functional frameworks and workflow that are trending in NLP and AI • Looks at the latest technologies and the major challenges, issues, and advances in NLP and AI • Explores an intelligent field monitoring and automated system through AI with NLP and its implications for the real world • Discusses data acquisition and presents a real-time case study with illustrations related to data-intensive technologies in AI and NLP

Web Development with Node and Express Ethan Brown 2014-07 Learn how to build dynamic web applications with Express, a key component of the Node/JavaScript development stack. In this hands-on guide, author Ethan Brown teaches you the fundamentals through the development of a fictional application that exposes a public website and a RESTful API. You'll also learn web architecture best practices to help you build single-page, multi-page, and hybrid web apps with Express. Express strikes a balance between a robust framework and no framework at all, allowing you a free hand in your architecture choices. With this book, frontend and backend engineers familiar with JavaScript will discover new ways of looking at web development. Create

webpage templating system for rendering dynamic data Dive into request and response objects, middleware, and URL routing Simulate a production environment for testing and development Focus on persistence with document databases, particularly MongoDB Make your resources available to other programs with RESTful APIs Build secure apps with authentication, authorization, and HTTPS Integrate with social media, geolocation, and other third-party services Implement a plan for launching and maintaining your app Learn critical debugging skills This book covers Express 4.0.

Flow Control Through Bio-inspired Leading-Edge Tubercles Daniel T. H. New 2020-01-31 This book describes and explains the basis of bio-inspired, leading-edge tubercles based on humpback whale flippers as passive but effective flow control devices, as well as providing a comprehensive practical guide in their applications. It first discusses the morphology of the humpback whale flipper from a biological perspective, before presenting detailed experimental and numerical findings from past investigations by various experts on the benefits of leading-edge tubercles and their engineering implementations. Leading-edge tubercle designs and functions have attracted considerable interest from researchers in terms of understanding their role in the underwater agility of these whales, and to exploit their flow dynamics in the development of new and novel engineering solutions. Extensive research over the past recent years has demonstrated that the maneuverability of these whales is at least in part due to the leading-edge tubercles acting as passive flow control devices to delay stall and increase lift in the post-stall regime. In addition to the inherent benefits in terms of aerodynamics and hydrodynamics, investigations into leading-edge tubercles have also broadened into areas of noise attenuation, stability and industrial applications. This book touches upon these areas, with an emphasis upon the effects of lifting-surface types, flow regimes, tubercle geometries, lifting-surface stability and potential industrial applications, among others. As such, it features contributions from key experts in the fields of biology, physics and engineering who have conducted significant studies into understanding the various aspects of leading-edge tubercles. Given the broad coverage and in-depth analysis, this book will benefit academic researchers, practicing engineers and graduate students interested in tapping into such a unique but highly functional flow control strategy.

Valuepack Thomas Connolly 2005-08-01

Wings of Fire Avul Pakir Jainulabdeen Abdul Kalam 1999 Avul Pakir Jainulabdeen Abdul Kalam, The Son Of A Little-Educated Boat-Owner In Rameswaram, Tamil Nadu, Had An Unparalled Career As A Defence Scientist, Culminating In

The Highest Civilian Award Of India, The Bharat Ratna. As Chief Of The Country`S Defence Research And Development Programme, Kalam Demonstrated The Great Potential For Dynamism And Innovation That Existed In Seemingly Moribund Research Establishments. This Is The Story Of Kalam`S Rise From Obscurity And His Personal And Professional Struggles, As Well As The Story Of Agni, Prithvi, Akash, Trishul And Nag--Missiles That Have Become Household Names In India And That Have Raised The Nation To The Level Of A Missile Power Of International Reckoning.