

Building Administration N4 November 2013 Question Paper

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2018 International Mechanical Code, Loose-Leaf Version International Code Council 2017-09-18 "A member of the International Code Family"--Cover.

The Digital Transformation of Logistics Mac Sullivan 2021-04-06 The digital transformation is in full swing and fundamentally changes how we live, work, and communicate with each other. From retail to finance, many industries see an inflow of new technologies, disruption through innovative platform business models, and employees struggling to cope with the significant shifts occurring. This Fourth Industrial Revolution is predicted to also transform Logistics and Supply Chain Management, with delivery systems becoming automated, smart networks created everywhere, and data being collected and analyzed universally. The Digital Transformation of Logistics: Demystifying Impacts of the Fourth Industrial Revolution provides a holistic overview of this vital subject clouded by buzz, hype, and misinformation. The book is divided into three themed-sections: Technologies such as self-driving cars or virtual reality are not only electrifying science fiction lovers anymore, but are also increasingly presented as cure-all remedies to supply chain challenges. In The Digital Transformation of Logistics: Demystifying Impacts of the Fourth Industrial Revolution, the authors peel back the layers of excitement that have grown around new technologies such as the Internet of Things (IoT), 3D printing, Robotic Process Automation (RPA), Blockchain or Cloud computing, and show use cases that give a glimpse about the fascinating future we can expect. Platforms that allow businesses to centrally acquire and manage their logistics services disrupt an industry that has been relationship-based for centuries. The authors discuss smart contracts, which are one of the most exciting applications of Blockchain, Software as a Service (SaaS) offerings for freight procurement, where numerous data sources can be integrated and decision-making processes automated, and marine terminal operating systems as an integral node for shipments. In The Digital Transformation of Logistics: Demystifying Impacts of the Fourth Industrial Revolution, insights are shared into the cold chain industry where companies respond to increasing quality demands, and how European governments are innovatively responding to challenges of cross-border eCommerce. People are a vital element of the digital transformation and must be on board to drive change. The Digital Transformation of Logistics: Demystifying Impacts of the Fourth Industrial Revolution explains how executives can create sustainable impact and how competencies can be managed in the digital age - especially for sales executives who require urgent upskilling to remain relevant. Best practices are shared for organizational culture change, drawing on studies among senior leaders from the US, Singapore, Thailand, and Australia, and for managing strategic alliances with logistics service providers to offset risks and create cross-functional, cross-company transparency. The Digital Transformation of Logistics: Demystifying Impacts of the Fourth Industrial Revolution provides realistic insights, a ready-to-use knowledge base, and a working vocabulary about current activities and emerging trends of the Logistics industry. Intended readers are supply chain professionals working for manufacturing, trading, and freight forwarding companies as well as students and all interested parties.

Illuminating Social Life Peter Kivisto 2011 Illuminating Social Life has enjoyed increasing popularity with each edition. It is the only book designed for undergraduate teaching that shows today's students how classical and contemporary social theories can be used to shed new light on such topics as the internet, the world of work, fast food restaurants, shopping malls, alcohol use, body building, sales and service, and new religious movements. A perfect complement for the sociological theory course, it offers 13 original essays by leading scholars in the field who are also experienced undergraduate theory teachers. Substantial introductions by the editor link the applied essays to a complete review of the classical and modern social theories used in the book.

Risk Management and Simulation Aparna Gupta 2016-04-19 The challenges of the current financial environment have revealed the need for a new generation of professionals who combine training in traditional finance disciplines with an understanding of sophisticated quantitative and analytical tools. Risk Management and Simulation shows how simulation modeling and analysis can help you solve risk management problems related to market, credit, operational, business, and strategic risk. Simulation models and methodologies offer an effective way to address many of these problems and are easy for finance professionals to understand and use. Drawing on the author's extensive teaching experience, this accessible book walks you through the concepts, models, and computational techniques. How Simulation Models Can Help You Manage Risk More Effectively Organized into four parts, the book begins with the concepts and framework for risk management. It then introduces the modeling and computational techniques for solving risk management problems, from model development, verification, and validation to designing simulation experiments and conducting appropriate output analysis. The third part of the book delves into specific issues of risk management in a range of risk types. These include market risk, equity risk, interest rate risk, commodity risk, currency risk, credit risk, liquidity risk, and strategic, business, and operational risks. The author also examines insurance as a mechanism for risk management and risk transfer. The final part of the book explores advanced concepts and techniques. The book contains extensive review questions and detailed quantitative or computational exercises in all chapters. Use of MATLAB® mathematical software is encouraged and suggestions for MATLAB functions are provided throughout. Learn Step by Step, from Basic Concepts to More Complex Models Packed with applied examples and exercises, this book builds from elementary models for risk to more sophisticated, dynamic models for risks that evolve over time. A comprehensive introduction to simulation modeling and analysis for risk management, it gives you the tools to better assess and manage the impact of risk in your organizations. The book can also serve as a support reference for readers preparing for CFA exams, GARP FRM exams, PRMIA PRM exams, and actuarial exams.

Natural Language Annotation for Machine Learning James Pustejovsky 2012-10-11 Create your own natural language training corpus for machine learning. Whether you're working with English, Chinese, or any other natural language, this hands-on book guides you through a proven annotation development cycle—the process of adding metadata to your training corpus to help ML algorithms work more efficiently. You don't need any programming or linguistics experience to get started. Using detailed examples at every step, you'll learn how the MATTER Annotation Development Process helps you Model, Annotate, Train, Test, Evaluate, and Revise your training corpus. You also get a complete walkthrough of a real-world annotation project. Define a clear annotation goal before collecting your dataset (corpus) Learn tools for analyzing the linguistic content of your corpus Build a model and specification for your annotation project Examine the different annotation formats, from basic XML to the Linguistic Annotation Framework Create a gold standard corpus that can be used to train and test ML algorithms Select the ML algorithms that will process your annotated data Evaluate the test results and revise your annotation task Learn how to use lightweight software for annotating texts and adjudicating the annotations This book is a perfect companion to O'Reilly's Natural Language Processing with Python.

Nonresponse in Social Science Surveys National Research Council 2013-10-26 For many household surveys in the United States, responses rates have been steadily declining for at least the past two decades. A similar decline in survey response can be observed in all wealthy countries. Efforts to raise response rates have used such strategies as monetary incentives or repeated attempts to contact sample members and obtain completed interviews, but these strategies increase the costs of surveys. This review addresses the core issues regarding survey nonresponse. It considers why response rates are declining and what that means for the accuracy of survey results. These trends are of particular concern for the social science community, which is heavily invested in obtaining information from household surveys. The evidence to date makes it apparent that current trends in nonresponse, if not arrested, threaten to undermine the potential of household surveys to elicit information that assists in understanding social and economic issues. The trends also threaten to weaken the validity of inferences drawn from estimates based on those surveys. High nonresponse rates create the potential or risk for bias in estimates and affect survey design, data collection, estimation, and analysis. The survey community is painfully aware of these trends and has responded

aggressively to these threats. The interview modes employed by surveys in the public and private sectors have proliferated as new technologies and methods have emerged and matured. To the traditional trio of mail, telephone, and face-to-face surveys have been added interactive voice response (IVR), audio computer-assisted self-interviewing (ACASI), web surveys, and a number of hybrid methods. Similarly, a growing research agenda has emerged in the past decade or so focused on seeking solutions to various aspects of the problem of survey nonresponse; the potential solutions that have been considered range from better training and deployment of interviewers to more use of incentives, better use of the information collected in the data collection, and increased use of auxiliary information from other sources in survey design and data collection. Nonresponse in Social Science Surveys: A Research Agenda also documents the increased use of information collected in the survey process in nonresponse adjustment.

The World Bank Participation Sourcebook 1996 Presents case studies resulting from participation in the World Bank by developing countries such as Chad, Brazil, and Nigeria

Introduction to Software Engineering (Custom Edition) Sommerville 2012-06-25 This custom edition is published for the University of Southern Queensland.

Official SAT Study Guide 2020 Edition The College Board 2019-05-07 Review every skill and question type needed for SAT success - with eight total practice tests. The Official SAT Study Guide includes eight official SAT(R) practice tests - all of them created by the test maker. As part of the College Board's commitment to transparency, all practice tests are available on the College Board's website, but The Official SAT Study Guide is the only place to find them in print along with over 250 pages of additional instruction, guidance, and test information. With guidance and practice problems that reflect the most recent information, this edition takes the best-selling SAT guide and makes it even more relevant and useful. Be ready for the SAT with strategies and up-to-date information straight from the exam writers. The Official SAT Study Guide will help students get ready for the SAT with: - 8 official SAT practice tests, written in the exact same process and by the same team of authors as the actual exam - detailed descriptions of the math and evidenced based reading and writing sections - targeted practice questions for each SAT question type - seamless integration with Official SAT Practice on Khan Academy. Note: The optional SAT Essay is discontinued for weekend SAT.

Equity Valuation: Science, Art, or Craft? Frank J. Fabozzi 2017-12-27 The price at which a stock is traded in the market reflects the ability of the firm to generate cash flow and the risks associated with generating the expected future cash flows. The authors point to the limits of widely used valuation techniques. The most important of these limits is the inability to forecast cash flows and to determine the appropriate discount rate. Another important limit is the inability to determine absolute value. Widely used valuation techniques such as market multiples - the price-to-earnings ratio, firm value multiples or a use of multiple ratios, for example - capture only relative value, that is, the value of a firm's stocks related to the value of comparable firms (assuming that comparable firms can be identified). The study underlines additional problems when it comes to valuing IPOs and private equity: Both are sensitive to the timing of the offer, suffer from information asymmetry, and are more subject to behavioral elements than is the case for shares of listed firms. In the case of IPOs in particular, the authors discuss how communication strategies and media hype play an important role in the IPO valuation/pricing process.

Proceedings of the 23rd International Conference on Industrial Engineering and Engineering Management 2016 Ershi Qi 2017-03-07 International Conference on Industrial Engineering and Engineering Management is sponsored by Chinese Industrial Engineering Institution, CMES, which is the unique national-level academic society of Industrial Engineering. The conference is held annually as the major event in this area. Being the largest and the most authoritative international academic conference held in China, it supplies an academic platform for the experts and the entrepreneurs in International Industrial Engineering and Management area to exchange their research results. Many experts in various fields from China and foreign countries gather together in the conference to review, exchange, summarize and promote their achievements in Industrial Engineering and Engineering Management fields. Some experts pay special attention to the current situation of the related techniques application in China as well as their future prospect, such as Industry 4.0, Green Product Design, Quality Control and Management, Supply Chain and Logistics Management to cater for the purpose of low-carbon, energy-saving and emission-reduction and so on. They also come up with their assumption and outlook about the related techniques' development. The proceedings will offer theatrical methods and technique application cases for experts from college and university, research institution and enterprises who are engaged in theoretical research of Industrial Engineering and Engineering Management and its technique's application in China. As all the papers are feathered by higher level of academic and application value, they also provide research data for foreign scholars who occupy themselves in investigating the enterprises and engineering management of Chinese style.

The U.S. Commitment to Global Health Institute of Medicine 2009-09-10 Health is a highly valued, visible, and concrete investment that has the power to both save lives and enhance the credibility of the United States in the eyes of the world. While the United States has made a major commitment to global health, there remains a wide gap between existing knowledge and tools that could improve health if applied universally, and the utilization of these known tools across the globe. The U.S. Commitment to Global Health concludes that the U.S. government and U.S.-based foundations, universities, nongovernmental organizations, and commercial entities have an opportunity to improve global health. The book includes recommendations that these U.S. institutions increase the utilization of existing interventions to achieve significant health gains; generate and share knowledge to address prevalent health problems in disadvantaged countries; invest in people, institutions, and capacity building with global partners; increase the quantity and quality of U.S. financial commitments to global health; and engage in respectful partnerships to improve global health. In doing so, the U.S. can play a major role in saving lives and improving the quality of life for millions around the world.

Child Abuse and Neglect Reports 1977-08

Study and Master Mathematical Literacy Grade 12 CAPS Learner's Book Karen Morrison 2014-05-01

Economic and Management Sciences, Grade 8 Marietjie Barnard 2013-07-11 Study & master economic and management sciences grade 8 has been especially developed by an experienced author team for the Curriculum and Assessment Policy Statement (CAPS). This new and easy-to-use course helps learners to master essential content and skills in economic and management sciences.

Operations (ADP 3-0) Headquarters Department of the Army 2019-09-27 ADP 3-0, Operations, constitutes the Army's view of how to conduct prompt and sustained operations across multiple domains, and it sets the foundation for developing other principles, tactics, techniques, and procedures detailed in subordinate doctrine publications. It articulates the Army's operational doctrine for unified land operations. ADP 3-0 accounts for the uncertainty of operations and recognizes that a military operation is a human undertaking. Additionally, this publication is the foundation for training and Army education system curricula related to unified land operations. The principal audience for ADP 3-0 is all members of the profession of arms. Commanders and staffs of Army headquarters serving as joint task force (JTF) or multinational headquarters should also refer to applicable joint or multinational doctrine concerning the range of military operations and joint or multinational forces. Trainers and educators throughout the Army will use this publication as well.

The Problem of Social Cost R. H. Coase 2016-10-10 The Problem of Social Cost is an article dealing with economic problem of externalities. It draws from a number of English legal cases and statutes to illustrate Coase's belief that legal rules are only justified by reference to a cost-benefit analysis, and that nuisances that are often regarded as being the fault of one party are more symmetric conflicts between the interests of the two parties.

Data-intensive Text Processing with MapReduce Jimmy Lin 2010 Our world is being revolutionized by data-driven methods: access to large amounts of data has generated new insights and opened exciting new opportunities in commerce, science, and computing applications. Processing the enormous quantities of data necessary for these advances requires large clusters, making distributed computing paradigms more crucial than ever. MapReduce is a programming model for expressing distributed computations on massive datasets and an execution framework for large-scale data processing on clusters of commodity servers. The programming model provides an easy-to-understand abstraction for designing scalable algorithms, while the execution framework transparently handles many system-level details, ranging from scheduling to synchronization to fault tolerance. This book focuses on MapReduce algorithm design, with an emphasis on text processing algorithms common in natural language processing, information retrieval, and machine learning. We introduce the notion of MapReduce design patterns, which represent general reusable solutions to commonly occurring problems across a variety of problem domains. This book not only intends to help the reader "think in MapReduce", but also discusses limitations of the programming model as well. This volume is a printed version of a work that appears in the Synthesis Digital Library of Engineering and Computer Science. Synthesis Lectures provide concise, original presentations of important research and development topics, published quickly, in digital and print formats. For more information visit www.morganclaypool.com

Policy Analysis for Social Workers Richard K. Caputo 2013-09-17 Policy Analysis for Social Workers offers a comprehensive, step-by-step guide to understanding the process of policy development and analysis for effective advocacy. This user-friendly model helps students get excited about understanding policy as a product, a process, and as performance—a unique “3-P” approach to policy analysis as competing texts often just focus on one of these areas. Author Richard K Caputo efficiently teaches the purpose of policy and its relation to social work values, discusses the field of policy studies and the various kinds of analysis, and highlights the necessary criteria (effectiveness,

efficiency, equity, political feasibility, social acceptability, administrative, and technical feasibility) for evaluating public policy.

Good Strategy, Bad Strategy Richard P. Rumelt 2011 Argues that a manager's central responsibility is to create and implement strategies, challenges popular motivational practices, and shares anecdotes discussing how to enable action-oriented plans for real-world results.

A Manual for Writers of Research Papers, Theses, and Dissertations, Eighth Edition Kate L. Turabian 2013-04-09 A little more than seventy-five years ago, Kate L. Turabian drafted a set of guidelines to help students understand how to write, cite, and formally submit research writing. Seven editions and more than nine million copies later, the name Turabian has become synonymous with best practices in research writing and style. Her Manual for Writers continues to be the gold standard for generations of college and graduate students in virtually all academic disciplines. Now in its eighth edition, A Manual for Writers of Research Papers, Theses, and Dissertations has been fully revised to meet the needs of today's writers and researchers. The Manual retains its familiar three-part structure, beginning with an overview of the steps in the research and writing process, including formulating questions, reading critically, building arguments, and revising drafts. Part II provides an overview of citation practices with detailed information on the two main scholarly citation styles (notes-bibliography and author-date), an array of source types with contemporary examples, and detailed guidance on citing online resources. The final section treats all matters of editorial style, with advice on punctuation, capitalization, spelling, abbreviations, table formatting, and the use of quotations. Style and citation recommendations have been revised throughout to reflect the sixteenth edition of The Chicago Manual of Style. With an appendix on paper format and submission that has been vetted by dissertation officials from across the country and a bibliography with the most up-to-date listing of critical resources available, A Manual for Writers remains the essential resource for students and their teachers.

Perspectives on Atmospheric Sciences Theodore Karacostas 2018-09-07 This book provides the proceedings of the 13th International Conference of Meteorology, Climatology and Atmospheric Physics (COMCAP 2016) that is held in Thessaloniki from 19 to 21 September 2016. The Conference addresses fields of interest for researchers, professionals and students related to the following topics: Agricultural Meteorology and Climatology, Air Quality (Indoor and Outdoor), Applied Meteorology and Climatology, Applications of Meteorology in the Energy sector, Atmospheric Physics and Chemistry, Atmospheric Radiation, Atmospheric Boundary layer, Biometeorology and Bioclimatology, Climate Dynamics, Climatic Changes, Cloud Physics, Dynamic and Synoptic Meteorology, Extreme Events, Hydrology and Hydrometeorology, Mesoscale Meteorology, Micrometeorology-Urban Microclimate, Remote Sensing-Satellite Meteorology and Climatology, Weather Analysis and Forecasting. The book includes all papers that have been accepted after peer review for presentation in the conference.

Quantity Surveying N4 Student's Book Sparrow Consulting (Firm) 2021-02-21

Corrupt Research Raymond Hubbard 2015-07-01 Addressing the immensely important topic of research credibility, Raymond Hubbard's groundbreaking work proposes that we must treat such information with a healthy dose of skepticism. This book argues that the dominant model of knowledge procurement subscribed to in these areas—the significant difference paradigm—is philosophically suspect, methodologically impaired, and statistically broken. Hubbard introduces a more accurate, alternative framework—the significant sameness paradigm—for developing scientific knowledge. The majority of the book comprises a head-to-head comparison of the "significant difference" versus "significant sameness" conceptions of science across philosophical, methodological, and statistical perspectives.

Resources in Education 1991

Open Government, Staat und Demokratie Göttrik Wewer 2014-12-01 Open Government gilt vielfach als die universale Staatsdoktrin für das 21. Jahrhundert, ohne dass schon klar wäre, was sich im Einzelnen hinter diesem Schlagwort verbirgt und was daraus für die Praxis des Regierens und Verwaltens folgt. In diesem Band untersucht der Autor alle Bauteile dieser Konstruktion kritisch: das Paradigma der Offenheit, dem sich alles unterordnen soll, die drei Säulen Transparenz, Partizipation und Kollaboration, die das Ganze tragen sollen, aber auch die technischen und ideologischen Fundamente, auf denen das Modell ruht. Im Zentrum steht dabei stets die Frage, was Open Government für Staat und Demokratie hierzulande bedeuten würde. Im Ergebnis zeigt sich, dass dieses Konstrukt technokratische Züge trägt und aus einer »kalifornischen Ideologie« hervorgeht, die es erst noch politisch zu bewerten gilt. Wenn sowohl die Giganten des Internets als auch emphatische Aktivisten Open Government massiv propagieren, darf kritische Reflexion nicht auf der Strecke bleiben. Wewer bezweifelt, dass Open Government als Leitbild für das digitale Zeitalter taugt, dem im Prinzip alle Länder dieser Welt nahefeiern könnten. Auch für die Erneuerung von Staat und Demokratie in Deutschland wirft es mehr Fragen auf, als es Antworten bietet.

Fundamentals of Business (black and white) Stephen J. Skripak 2016-07-29 (Black & White version) Fundamentals of Business was created for Virginia Tech's MGT 1104 Foundations of Business through a collaboration between the Pamplin College of Business and Virginia Tech Libraries. This book is freely available at: <http://hdl.handle.net/10919/70961> It is licensed with a Creative Commons-NonCommercial ShareAlike 3.0 license.

Southeastern Geographer David M. Cochran Jr. 2013-12-01

Navy Planning, Programming, Budgeting and Execution Irv Blickstein 2016-10-04 This tool documents key but enduring aspects of how the Navy implements the Planning, Programming, Budgeting, and Execution process so that action officers and Navy leaders can successfully navigate and effectively contribute to the process.

Applied Linear Statistical Models Michael H. Kutner 2005 Applied Linear Statistical Models 5e is the long established leading authoritative text and reference on statistical modeling. For students in most any discipline where statistical analysis or interpretation is used, ALSM serves as the standard work. The text includes brief introductory and review material, and then proceeds through regression and modeling for the first half, and through ANOVA and Experimental Design in the second half. All topics are presented in a precise and clear style supported with solved examples, numbered formulae, graphic illustrations, and "Notes" to provide depth and statistical accuracy and precision. Applications used within the text and the hallmark problems, exercises, and projects are drawn from virtually all disciplines and fields providing motivation for students in virtually any college. The Fifth edition provides an increased use of computing and graphical analysis throughout, without sacrificing concepts or rigor. In general, the 5e uses larger data sets in examples and exercises, and where methods can be automated within software without loss of understanding, it is so done.

Portfolio Theory and Management H. Kent Baker 2013-03-07 Portfolio Theory and Management examines the foundations of portfolio management with the contributions of financial pioneers up to the latest trends. The book discusses portfolio theory and management both before and after the 2007-2008 financial crisis. It takes a global focus by highlighting cross-country differences and practices.

Child Abuse and Neglect Reports 1979

The Public Administration Theory Primer H. George Frederickson 2015-07-07 The Public Administration Theory Primer explores how the science and art of public administration is definable, describable, replicable, and cumulative. The authors survey a broad range of theories and analytical approaches—from public institutional theory to theories of governance—and consider which are the most promising, influential, and important for the field. This book paints a full picture of how these theories contribute to, and explain, what we know about public administration today. The third edition is fully revised and updated to reflect the latest developments and research in the field including more coverage of governments and governance, feminist theory, emotional labor theory, and grounded research methodology. Expanded chapter conclusions, additional real-world application examples throughout, and a brand-new online supplement with sample comprehensive exam questions and summary tables make this an even more valuable resource for all public administration students.

Informal Governance in the European Union Mareike Kleine 2014-03-04 The European Union is the world's most advanced international organization, presiding over a level of legal and economic integration unmatched in global politics. To explain this achievement, many observers point to its formal rules that entail strong obligations and delegate substantial power to supranational actors such as the European Commission. This legalistic view, Mareike Kleine contends, is misleading. More often than not, governments and bureaucrats informally depart from the formal rules and thereby contradict their very purpose. Behind the EU's front of formal rules lies a thick network of informal governance practices. If not the EU's rules, what accounts for the high level of economic integration among its members? How does the EU really work? In answering these questions, Kleine proposes a new way of thinking about international organizations. Informal governance affords governments the flexibility to resolve conflicts that adherence to EU rules may generate at the domestic level. By dispersing the costs that integration may impose on individual groups, it allows governments to keep domestic interests aligned in favor of European integration. The combination of formal rules and informal governance therefore sustains a level of cooperation that neither regime alone permits, and it reduces the EU's democratic deficit by including those interests into deliberations that are most immediately affected by its decisions. In illustrating informal norms and testing how they work, Kleine provides the first systematic analysis, based on new material from national and European archives and other primary data, of the parallel development of the formal rules and informal norms that have governed the EU from the 1958 Treaty of Rome until today.

Neo-nationalism and Universities John Aubrey Douglass 2021-09-07 "This book offers the first significant examination of the rise of neo-nationalism and its impact on the missions, activities, behaviors, and productivity of leading

national universities. This book also presents the first major comparative exploration of the role of national politics and norms in shaping the role of universities in nation-states, and vice versa, and discusses when universities are societal leaders or followers-in promoting a civil society, facilitating talent mobility, in researching challenging social problems, or in reinforcing and supporting an existing social and political order"--

Pregnancy Day By Day Maggie Blott 2009-08-17 The complete guide to pregnancy, day-by-day No other pregnancy book provides this level of detail, allied with such extraordinary photographs, 3D scans and illustrations which reveal in unprecedented clarity exactly what is happening to you and your baby every single day. From early fetal development to how your hormones prepare you for birth, learn from world-class experts. Plus, obstetricians, midwives and parents advise on your baby's development, medical matters, your changing body, diet, fitness and much more. A special hour-by-hour rundown of what to expect during and immediately after birth, plus further reassurance for the first two weeks of your baby's life, will give a helping hand through the culmination of your pregnancy, from pain relief to those first intimate and unique moments between you and your child.

Artificial Intelligence in Asset Management Söhnke M. Bartram 2020-08-28 Artificial intelligence (AI) has grown in presence in asset management and has revolutionized the sector in many ways. It has improved portfolio management, trading, and risk management practices by increasing efficiency, accuracy, and compliance. In particular, AI techniques help construct portfolios based on more accurate risk and return forecasts and more complex constraints. Trading algorithms use AI to devise novel trading signals and execute trades with lower transaction costs. AI also improves risk modeling and forecasting by generating insights from new data sources. Finally, robo-advisors owe a large part of their success to AI techniques. Yet the use of AI can also create new risks and challenges, such as those resulting from model opacity, complexity, and reliance on data integrity.

Understanding Machine Learning Shai Shalev-Shwartz 2014-05-19 Introduces machine learning and its algorithmic paradigms, explaining the principles behind automated learning approaches and the considerations underlying their usage.

Current Index to Journals in Education 1998-07

Improving the Allocation and Execution of Army Facility Sustainment Funding Ellen M. Pint 2020-06-15 To identify strategies and make recommendations on improving the allocation and execution of Army installation facility sustainment funding, the authors compare Army practices with those in the other Services and in the public and private sectors.