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Scientific and Technical Aerospace Reports 1981

Polymer Science 1996

When Luxury Meets Art Olga Louisa Kastner 2013-12-05 Increasingly, luxury brands join forces with the arts today. Yet, these cross-over collaborations do not constitute a homogeneous strategy, but become manifest in manifold forms and appearances. Regardless of their growing practical relevance for the creation of contemporary luxury brands though, the varied forms of Luxury Brand-Art Collaborations (LBACs) have remained largely unexplored to date. Olga Louisa Kastner aims at systematizing the dominating collaborative patterns between luxury brands and the arts. She empirically derives distinct types of LBACs, based on methodically developed attributes and a large number of real cases. Finally, the author describes the main characteristics of the identified types and illustrates them by prototypical cases.

Intelligent Perceptual Systems Vito Roberto 1993-11-10 Perceptual processes in humans and machines, investigated and simulated by means of the computational approach, are the subject matter of this volume. Researchers in artificial intelligence, pattern recognition, and psychology discuss aspects of vision, speech understanding, sensory-motor coordination, and their interplay with cognitive and behavioral functionalities. The papers adopt the computational approach as the basic research paradigm. Connectionist models, numerical and statistical techniques, symbolic (logic-based) formalisms, and hybrid representations provide the formal background to the research. Some of the papers were prepared for a workshop held in Trieste, Italy, in October 1992.

Modern Experimental Chemistry George W. Jr. Latimer 2012-12-02 Modern Experimental Chemistry provides techniques of qualitative analysis that reinforce experiments on ionic equilibriums. This book includes the determination of water in hydrated salts; identification of an organic compound after determining its molecular weight; and nonaqueous titration of a salt of a weak acid. The calculation of chemical stoichiometry; calculation of thermodynamic properties by determining the change in equilibrium with temperature; and chromium chemistry are also covered. This compilation contains enough experiments for classes which have six hours of laboratory (two 3-hour meetings) per week to last two semesters. This publication is intended for chemistry students as an introductory manual to chemistry laboratory.

Snack Foods Processing Edmund W. Lusas 2001-06-05 Providing a clear, comprehensive overview of the industry, Snack Foods Processing is the definitive handbook on developing, preparing, and processing shelf-stable savory snack foods. Contributors from leading companies and academic institutions provide practical information and guidance based on years of industry experience. Collectively, they review the principles and critical specifics of processing savory snacks, starting from raw materials selection and care, through types of equipment used and its proper operation, to product seasoning, and packaging. The book covers every major product type, including potato and corn chips, alkali-cooked corn tortilla chips, pretzels, popcorn, extruder puffed and baked/fried products, half-products, meat snacks, and rice-based snacks. It also discusses international snack foods, including those of China, India, and Japan. It details post shaping and drying operations, covering seasonings, flavorings application, product protection and packaging materials, and filling and cartoning equipment. Whether you are new to the field or you are a pro facing broader responsibilities, Snack Foods Processing provides valuable information gained through first-hand experience. It presents a clear introduction to the snack foods industry and its terminology and explains the technical interrelationships between the many materials and processes used in making the finished snack food. New entrants into the field will be able to confidently communicate with suppliers and associates. Managers and quality control personnel will gain a better idea of where to start in solving problems when they arise.

Fundamentals of Quality Control and Improvement Amitava Mitra 2016-05-02 A statistical approach to the principles of quality control and management Incorporating modern ideas, methods, and philosophies of quality management, Fundamentals of Quality Control and Improvement, Fourth Edition presents a quantitative approach to management-oriented techniques and enforces the integration of statistical concepts into quality assurance methods. Utilizing a sound theoretical foundation and illustrating procedural techniques through real-world examples, the timely new edition bridges the gap between statistical quality control and quality management. Promoting a unique approach, the book focuses on the use of experimental design concepts as well as the Taguchi method for creating product/process designs that successfully incorporate customer needs, improve lead time, and reduce costs. The Fourth Edition of Fundamentals of Quality Control and Improvement also includes: New topical coverage on risk-adjustment, capability indices, model building using regression, and survival analysis Updated examples and exercises that enhance the readers' understanding of the concepts Discussions on the integration of statistical concepts to decision making in the realm of quality assurance Additional concepts, tools, techniques, and issues in the field of health care and health care quality A unique display and analysis of customer satisfaction data through surveys with strategic implications on decision making, based on the degree of satisfaction and the degree of importance of survey items Fundamentals of Quality Control and Improvement, Fourth Edition is an ideal book for undergraduate and graduate-level courses in management, technology, and engineering. The book also serves as a valuable reference for practitioners and professionals interested in expanding their knowledge of statistical quality control, quality assurance, product/process design, total quality management, and/or Six Sigma training in quality improvement.

Experimental Studies of Interactive Decisions Amnon Rapoport 2012-12-06 This book is about the interplay of theory and experimentation on group decision making in economics. The theories that the book subjects to experimental testing mostly come from the theory of games. The decisions investigated in the book mostly concern economic interaction like strict competition, two-person bargaining, and coalition formation. The underlying philosophy of the articles collected in this book is consistent with the opinion of a growing number of economists and psychologists that economic issues cannot be understood fully just by thinking about them. Rather, the interplay between theory and experimentation is critical for the development of economics as an observational science (Smith, 1989). Reports of laboratory experiments in decision making and economics date back more than thirty years (e.g. • Allais, 1953; Davidson, Suppes, and Siegel, 1957; Flood, 1958; Friedman, 1%3; Kalisch, Milnor, Nash, and Nering, 1954; Lieberman, 1%0; Mosteller and Noguee, 1951; Rapoport, Chammah, Dwyer, and Gyr, 1 %2; Siegel and Fouraker, 1 %0; Stone, 1958). However, only in the last ten or fifteen years has laboratory experimentation in economics started its steady transformation from an occasional curiosity into a regular means for investigating various economic phenomena and examining the role of economic institutions. Groups of researchers in the USA and abroad have used experimental methods with increasing sophistication to attack economic problems that arise in individual decision making under risk, two-person bargaining.

Psychological Review James Mark Baldwin 1924 Issues for 1894-1903 include the section: Psychological literature.

Government-wide Index to Federal Research & Development Reports 1965

Centennial Articles Robert D. Hatcher 1990-01-01

Theory and Decision 1980

The Social Contract of the Firm Lorenzo Sacconi 2012-12-06 In order to survive as a social institution a firm needs a constitutional social contract, even though implicit, among its stakeholders. This social contract must exist if an institution is to be justified. The book focuses on two main issues: To find out the terms of the hypothetical agreement among the firm's stakeholders in an ex ante perspective and to understand the endogenous mechanism generating appropriate incentives that induce to comply with the social contract itself, as seen in the ex post perspective.

Federal Register 1953-12

Geologic Characteristics of Sediment-and Volcanic-hosted Disseminated Gold Deposits--search for an Occurrence Model Edwin W. Tooker 1985

Parliamentary Representation in Central Asia Esther Somfalvy 2020-07-07 This book explores the nature of parliamentary representation within the autocratic regimes of Kazakhstan and Kyrgyzstan. It argues that although many parliaments are elected under flawed or non-competitive elections, autocratic governments are nevertheless aware of the need to appear representative and accessible to the demands of citizens and that even limited parliaments manage to represent their voters, sometimes in ways not intended by the regime. The book examines how elites structure, manage and organize representation; how they foster the desired kind of representation; and how they limit the ways in which parliaments fulfil their representative functions. The book concludes that Kazakhstan is a more hegemonic form of autocracy and the Kyrgyz Republic a more competitive form and that the degree to which parliaments fulfil their representational functions and how much room for manoeuvre individual MPs have depends largely on how much parties control candidate selection and the daily schedule and administrative resources of parliaments.

Models of Strategic Rationality Reinhard Selten 2013-03-09 The papers collected in this volume relate to game theory. They aim at the elaboration and discussion of basic con cepts, at the analysis of specific applied models and at the evaluation of experimental evidence. A game is a mathematical model of a situation where several actors with different goals are engaged in strategic inter action. Game theory explores the nature and the consequence, s of rational behavior in games. With respect to several papers in this volume, it seems to be appropriate to comment on later developments. A list of some important references is given at the end of the intro duction. References already included in the collected pa pers are not repeated here. In casual conversation colleagues sometimes observe that the author on the one hand goes to extremes in the elabora tion of the consequences of Bayesian rationality and on the other hand strongly emphasizes the limited rationality of actual decision behavior. This seeming discrepancy is also expressed in the collection presented here. The author thinks that a sharp distinction should be made between nor ~ative and descriptive game theory. This position of "methodological dualism" has been expressed in a comment to Aumann's paper "What is game theory trying to accomplish?" (Aumann, 1985, Selten 1985) Normative game theory has the important task to explore the nature and the consequences of idealized full rationality in strategic interaction. This requires a thorough discuss ion of first principles. Empirical arguments are irrelevant here.

Supplement to the Code of Federal Regulations of the United States of America 1941

Computer Applications 1978

Code of Federal Regulations 1953 Special edition of the Federal Register, containing a codification of documents of general applicability and future effect ... with ancillaries.

Recidivism in Obesity and Differential Characteristics Between Normal Weight, Currently Obese, and Formerly Obese Individuals Using Self- Help, Professional Weight Loss Treatment, Or No Treatment Camala Ann Riessinger 1990

Pattern Recognition, ICPR International Workshops and Challenges Alberto Del Bimbo 2021-02-20 This 8-volumes set constitutes the refereed of the 25th International Conference on Pattern Recognition Workshops, ICPR 2020, held virtually in Milan, Italy and rescheduled to January 10 - 11, 2021 due to Covid-19 pandemic. The 416 full papers presented in these 8 volumes were carefully reviewed and selected from about 700 submissions. The 46 workshops cover a wide range of areas including machine learning, pattern analysis, healthcare, human behavior, environment, surveillance, forensics and biometrics, robotics and egovision, cultural heritage and document analysis, retrieval, and women at ICPR2020.

Legal Orderings and Economic Institutions Fabrizio Cafaggi 2007-05-10 This book addresses the lively interaction between the disciplines of law and economics. The traditional boundaries of these two disciplines have somehow inhibited a full understanding of the functioning of and the evolution of economic and legal systems. It has often been the case that these boundaries have had to be reshaped, and sometimes abolished, before either one of the two disciplines could successfully clarify the real life problems arising from the complex institutions of contemporary societies. The contributions to this volume encompass some of the core controversial issues in law and economics arising from interactions between legal orderings and economic institutions. They include: the nature of institutional and legislative change and the emergence of strong institutional complementarity in legal positions the relationship between private orderings and the role of the State in enforcing contracts and defining property rights the nature and dynamics of endogenous enforcement and the analysis of governance models and corporate ethics. Part of the renowned Siena Studies in Political Economy series, this book will be an essential read for postgraduates and researchers in the fields of law and economics, and the economics of institutions.

Environmental Contaminants Tarun Gupta 2017-11-28 This book addresses the measurement of environmental contaminants in water, air, and soil. It also presents modifications of and improvements to existing control technologies for remediation of environmental contaminants. It covers improved designs of wastewater systems and innovations in designing newer membranes for water treatment. In addition, it includes two separate sections on the modelling and control of different existing and emerging pollutants. It covers major topics such as: pharmaceutical wastes, paper and pulp waste, poly aromatic hydrocarbons, mining dust, bioaerosols, endosulphan, biomass combustion, and landfill design aspects. It also features chapters on environmental exposure and modelling of aerosol deposition within human lungs. The content of this book will be of interest to researchers, professionals, and policymakers whose work involves environmental contaminants and related solutions.

Mobile Robots John X. Liu 2005 Cybersecurity refers to three things: measures to protect information technology; the information it contains, processes, and transmits, and associated physical and virtual elements (which together comprise cyberspace); the degree of protection resulting from application of those measures; and the associated field of professional endeavor. Virtually any element of cyberspace can be at risk, and the degree of

interconnection of those elements can make it difficult to determine the extent of the cybersecurity framework that is needed. Identifying the major weaknesses in U.S. cybersecurity is an area of some controversy; the defense against attacks on computer systems and associated infrastructure has appeared to be generally fragmented and varying widely in effectiveness.

Health Information - E-Book Mervat Abdelhak 2014-12-24 Uncover the latest information you need to know when entering the growing health information management job market with Health Information: Management of a Strategic Resource, 5th Edition. Following the AHIMA standards for education for both two-year HIT programs and four-year HIA programs, this new edition boasts dynamic, state-of-the-art coverage of health information management, the deployment of information technology, and the role of the HIM professional in the development of the electronic health record. An easy-to-understand approach and expanded content on data analytics, meaningful use, and public health informatics content, plus a handy companion website, make it even easier for you to learn to manage and use healthcare data. Did You Know? boxes highlight interesting facts to enhance learning. Self-assessment quizzes test your learning and retention, with answers available on the companion Evolve website. Learning features include a chapter outline, key words, common abbreviations, and learning objectives at the beginning of each chapter, and references at the end. Diverse examples of healthcare deliveries, like long-term care, public health, home health care, and ambulatory care, prepare you to work in a variety of settings. Interactive student exercises on Evolve, including a study guide and flash cards that can be used on smart phones. Coverage of health information infrastructure and systems provides the foundational knowledge needed to effectively manage healthcare information. Applied approach to Health Information Management and Health Informatics gives you problem-solving opportunities to develop proficiency. EXPANDED! Data analytics, meaningful use, and public health informatics content prepares HIM professionals in order to meet today's, and tomorrow's, workforce needs. EXPANDED! Emphasis on the electronic health care record educates you in methods of data collection, governance, and use. NEW! Chapter on data access and retention provides examples of the paper health record and its transition to the EHR. NEW! Focus on future trends, including specialty certifications offered by the AHIMA, the American Medical Informatics Associations (AMIA), and the Health Information Management Systems Society (HIMSS), explains the vast number of job opportunities and expanded career path awaiting you.

Social Choice (Routledge Revivals) Bernhard Liebermann 2012-07-26 First published in 1971, Social Choice is both a text and reference containing the proceedings of a conference dealing with contemporary work on the normative and descriptive aspects of the social choice problem. This reissue will be of interest to advanced undergraduate and graduate courses on group decision making and social choice. Economists, social psychologists, political scientists and sociologists will welcome this valuable work.

Theory of Gearing Stephen P. Radzevich 2018-05-15 Written by a leading expert, Theory of Gearing: Kinematics, Geometry, and Synthesis, Second Edition is intended for engineers and researchers in the field of gear design, gear production, gear inspection, and application of gears. It focuses on the scientific theory of gearing, in all its aspects, and its application to new gear types and designs.

The Philosopher's Stone for Sustainability Yoshiki Shimomura 2012-09-26 Industrial Product-Service Systems (IPSS2), which is defined as “an integrated industrial product and service offering that delivers value in use,“ has expanded rapidly over the last decade. IPSS2 has allowed us to achieve both high added value and high productivity and has enriched our QOL by improving the performance of products and services. We are now struggling with many awkward issues related to sustainability, but IPSS2 is expected to be the “philosopher’s stone” for solving these issues. Following the pattern of conferences held in Cranfield in 2009, Linköping in 2010, and Braunschweig in 2011, the fourth International CIRP Conference on Industrial Product-Service Systems, held on November 8-9, 2012, in Tokyo, will cover various aspects of IPSS2. Topics planned for this year’s conference reflect the latest IPSS2 information in both the natural sciences and humanities and include case studies from various industries. IPSS2 is still a relatively new field, so it is important to keep track of the entire context in order to promote more cross-sectional cooperation between multimodal fields and disciplines. The fourth International CIRP Conference on Industrial Product-Service Systems will serve as a vital platform for such collaborations and the discussion of new scientific ideas.

The Luck of the Draw Peter Stone 2011-04-15 A prominent scholar once noted that lotteries in politics and society - to break vote ties, assign students to schools, draft people into the military, select juries - are "at first thought absurd, and at second thought obvious." Lotteries have been part of politics since the Greek and Roman times, and they are used frequently in American politics today. When there is a two-to-two vote tie for prospective school board members, officials will often resort to flipping a coin (as happened recently in California). And in military drafts, the conventional wisdom is that random selection is far more just than non-lottery drafts. Northerners rioted against the perceived injustice of the non-random draft during the Civil War, and Americans by and large believed that student deferments subverted the justice of the draft during the Vietnam War. Over the years, people who study and practice politics have devoted considerable effort to thinking about the legitimacy of lotteries andwhether they are just or not under certain circumstances. Yet they have really only focused on lotteries on a case-by-case basis, and no one has ever developed a substantial and comprehensive political theory of lotteries. In The Luck of the Draw, Peter Stone does just that. Examining the wide range of arguments for and against lotteries, Stone comes to the startling conclusion that lotteries have only one crucial effect relevant to decision-making: they have the "sanitizing effect" of preventing decisions from being made on the basis of reasons. Stone readily admits that this rationale might sound absurd to us, but contends that in many instances it is vital for people to make decisions without any reasoned rationale to compel them. Sometimes, justice can only be carried out through random selection - a fundamental principle of the practice of lottery that Stone comes to call "The Just Lottery Rule." By developing innovative ways for interpreting this pervasive form of politicalpractice, Stone provides us with a foundation for understanding how to best make use of lottery when making political decisions both large and small.

Trust with Asian Characteristics Takashi Inoguchi 2017-03-14 This volume, edited by a political scientist and a practicing medical doctor, is organized into two parts: interpersonal and institutional trust. To gauge trust both interpersonal and institutional in 29 Asian societies, the AsiaBarometer survey, the best—and only—available such data source in the world was used. The survey, focusing on the quality of life in Asia, was carried out in the 2000s in 29 Asian societies (in East, Southeast, South, and Central Asia), and in the United States, Australia, and Russia for comparative analysis. Trust is a key intermediate variable linking an individual and a broader society. Yet systematically and scientifically assembled data have tended to be narrowly focused on Western societies. In the 2000s non-Western data on the quality of life have steadily increased. The AsiaBarometer survey, however, is the instrument that best examines the quality of life in a large number of Asian societies with nationwide random sampling and face-to-face interviewing, with the number of samples ranging from 1,000 to 3,000. In gauging interpersonal trust, the question, "Generally, do you think people can be trusted, or do you think that you can't be too careful in dealing with people (i.e., that it pays to be wary of people)?" is asked along with additional questions. In measuring institutional trust, the question is asked: "How much confidence do you place in the following institutions?" (Listed are the central government, the courts, the military, the police, political parties, the parliament, mass media, business companies, medical hospitals, and other institutions.) In examining interpersonal and institutional trust Asia-wide, special attention is paid to historical and geo-cultural backgrounds of the societies being surveyed. Examination of the link between trust of mass media and individual health and between trust in medical care and individual health focuses on Japan.Among the 12 chapters, 9 are reprints of journal articles published in the 2000s, and the introduction and 2 other chapters were written especially for this book to reflect the latest progress in the field. This work provides a rich source to be consulted by a wide range of readers interested in comparative politics, quality of life, and Asia in general.

Geographical Perspectives 1980

Qualitative Chemical Analysis Wilfred Welday Scott 1913

Studying Designers'05

Fundamentals of Machine Learning for Predictive Data Analytics, second edition John D. Kelleher 2020-10-20 The second edition of a comprehensive introduction to machine learning approaches used in predictive data analytics, covering both theory and practice. Machine learning is often used to build predictive models by extracting patterns from large datasets. These models are used in predictive data analytics applications including price prediction, risk assessment, predicting customer behavior, and document classification. This introductory textbook offers a detailed and focused treatment of the most important machine learning approaches used in predictive data analytics, covering both theoretical concepts and practical applications. Technical and mathematical material is augmented with explanatory worked examples, and case studies illustrate the application of these models in the broader business context. This second edition covers recent developments in machine learning, especially in a new chapter on deep learning, and two new chapters that go beyond predictive analytics to cover unsupervised learning and reinforcement learning.

Personality Characteristics, Attitude and Emotional Intelligence among Secondary Level Teachers Hafiz Mudasir 2017-10-30 The present book was designed to find out whether there were any differences in the personality factors, attitudes and emotional intelligence of teachers at secondary level in District Srinagar, J&K. The sample for the investigation consisted of 600 secondary school teachers, out of which 300 were males and 300 were females (150 each in rural and urban dichotomy). The data was collected with the help of R.B Cattell’s 16 Personality Factor Questionnaire, S.P Ahluwalia’s Teacher Attitude Inventory and Shubra Mangal’s Teacher Emotional Intelligence Inventory. This book is believed to help teachers, research scholars, programme planners, policy makers and administrators of the concerned field.

Current Topics in Cellular Regulation Bernard L. Horecker 2014-06-28 Current Topics in Cellular Regulation, Volume 6 presents the fundamental mechanisms involved in the regulation of diverse cellular activities, including cellular differentiation, intermediary metabolism, and the transfer of genetic information. This book provides information pertinent to the various aspects of cellular regulation. Organized into eight chapters, this volume begins with an overview of the well-defined stages of sporulation that can be correlated with the appearance of several enzymes, ultrastructures, and chemical components associated with the developing spore. This text then examines the regulatory properties of G6PD from various sources, with emphasis to those cells in which these properties may operate in vivo in the control of carbohydrate metabolism. Other chapters consider the various methods for analyzing biochemical systems. The final chapter deals with kinetic cooperativity, which is the basis of the flip-flop mechanism. This book is a valuable resource for biochemists, biologists, and research workers.

The Code of Federal Regulations of the United States of America 1965 The Code of Federal Regulations is the codification of the general and permanent rules published in the Federal Register by the executive departments and agencies of the Federal Government.

Partial Differential Equations Rustum Choksi 2022-04-04 While partial differential equations (PDEs) are fundamental in mathematics and throughout the sciences, most undergraduate students are only exposed to PDEs through the method of separation of variations. This text is written for undergraduate students from different cohorts with one sole purpose: to facilitate a proficiency in many core concepts in PDEs while enhancing the intuition and appreciation of the subject. For mathematics students this will in turn provide a solid foundation for graduate study. A recurring theme is the role of concentration as captured by Dirac’s delta function. This both guides the student into the structure of the solution to the diffusion equation and PDEs involving the Laplacian and invites them to develop a cognizance for the theory of distributions. Both distributions and the Fourier transform are given full treatment. The book is rich with physical motivations and interpretations, and it takes special care to clearly explain all the technical mathematical arguments, often with pre-motivations and post-reflections. Through these arguments the reader will develop a deeper proficiency and understanding of advanced calculus. While the text is comprehensive, the material is divided into short sections, allowing particular issues/topics to be addressed in a concise fashion. Sections which are more fundamental to the text are highlighted, allowing the instructor several alternative learning paths. The author’s unique pedagogical style also makes the text ideal for self-learning. **Linne & Ringsrud’s Clinical Laboratory Science - E-Book** Mary Louise Turgeon 2015-02-10 Using a discipline-by-discipline approach, Linne & Ringsrud’s Clinical Laboratory Science: Concepts, Procedures, and Clinical Applications, 7th Edition provides a fundamental overview of the skills and techniques you need to work in a clinical laboratory and perform routine clinical lab tests. Coverage of basic laboratory techniques includes key topics such as safety, measurement techniques, and quality assessment. Clear, straightforward instructions simplify lab procedures, and are described in the CLSI (Clinical and Laboratory Standards Institute) format. Written by well-known CLS educator Mary Louise Turgeon, this text includes perforated pages so you can easily detach procedure sheets and use them as a reference in the lab! Hands-on procedures guide you through the exact steps you'll perform in the lab. Review questions at the end of each chapter help you assess your understanding and identify areas requiring additional study. A broad scope makes this text an ideal introduction to clinical laboratory science at various levels, including CLS/MT, CLT/MLT, and Medical Assisting, and reflects the taxonomy levels of the CLS/MT and CLT/MLT exams. Detailed full-color illustrations show what you will see under the microscope. An Evolve companion website provides convenient online access to all of the procedures in the text, a glossary, audio glossary, and links to additional information. Case studies include critical thinking and multiple-choice questions, providing the opportunity to apply content to real-life scenarios. Learning objectives help you study more effectively and provide measurable outcomes to achieve by completing the material. Streamlined approach makes it easier to learn the most essential information on individual disciplines in clinical lab science. Experienced author, speaker, and educator Mary Lou Turgeon is well known for providing insight into the rapidly changing field of clinical laboratory science. Convenient glossary makes it easy to look up definitions without having to search through each chapter. NEW! Procedure worksheets have been added to most chapters; perforated pages make it easy for students to remove for use in the lab and for assignment of review questions as homework. NEW! Instrumentation updates show new technology being used in the lab. NEW! Additional key terms in each chapter cover need-to-know terminology. NEW! Additional tables and figures in each chapter clarify clinical lab science concepts.