

Ecology Theories And Applications 4th Edition

Cognition: Theories and Applications Theories and Applications of Counseling and Psychotherapy Development of Mental Representation Personality Fast Fashion Systems Introducing Translation Studies *Big Data Concepts, Theories, and Applications* Intelligence - Theories and Applications Dynamical Systems Network Governance Fast Fashion Systems *Colour Design* Translation Studies Utility Theories: Measurements and Applications Electricity Markets Sport, Exercise, and Performance Psychology Network Governance Sport, Exercise, and Performance Psychology Cognition Victimology: Theories and Applications Intelligent Computing Theories and Applications Social Media Marketing Uncertainty, Information Management, and Disclosure Decisions Theories of Development Care Ethics Scattering of Electromagnetic Waves Corporate Risk Management Better Policies, Better Schools *Modern Approaches to Terminological Theories and Applications* Electricity Markets Introducing Translation Studies Control and Optimal Control Theories with Applications Mobile Learning Design Ecology Fundamental Theories and Their Applications of the Calculus of Variations *Scientific Evidence* Soft Computing: Theories and Applications Training and Development Methods, Theories, and Empirical Applications in the Social Sciences Theories and Applications of Plate Analysis

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Social Media Marketing Jan 17 2021 Social media has quickly become part of the fabric of our daily lives, and as we have flocked to it, so have most companies and organisations from every sector and industry. It is now the place to attract and sustain our attention. But how is it a new marketing activity and how is it similar to previous practice and customer behaviour? Does it require new modes of thinking about human networks and communications or do the existing conceptual models still apply? This book offers a critical evaluation of the theoretical frameworks that can be used to explain and utilise social media, and applies them to fun real-life examples and case studies from a range of industries, companies and countries. These include Unilever, Snickers, American Express, Volkswagen and Amnesty International, and span campaigns run across different platforms in countries such as China, Canada, Sweden and Singapore. Readers are invited to think about the different types of social media users and explore topics such as brand loyalty, co-creation, marketing strategy, measurement, mobile platforms, privacy and ethics. As well as tracing the emergence and trends of Web 2.0 and what they mean for marketing, the author also considers the future for social media marketing. Discussion questions and further reading are provided throughout, and the book is accompanied by a

companion website.

Victimology: Theories and Applications Mar 19 2021 *Victimology: Theories and Applications* introduces readers to the study of victimization, crime typologies, and the impact of crime on victims, offenders, and society at large. Each chapter provides a typology of the offender to analyze motivation, and includes an overview of the issues related to people who become victims of a wide variety of traditional and contemporary crimes such as child maltreatment, intimate partner violence, elder abuse, cyber crime and hate crimes. The history and theories of victimology are explored, as well definitive laws and policies, strategies for intervention, and future research areas.

Intelligent Computing Theories and Applications Feb 15 2021 This book constitutes the refereed proceedings of the 8th International Conference on Intelligent Computing, ICIC 2012, held in Huangshan, China, in July 2012. The 85 revised full papers presented were carefully reviewed and selected from 753 submissions. The papers are organized in topical sections on neural networks, evolutionar learning and genetic algorithms, granular computing and rough sets, biology inspired computing and optimization, nature inspired computing and optimization, cognitive science and computational neuroscience, knowledge discovery and data mining, quantum computing, machine learning theory and methods, healthcare informatics theory and methods, biomedical informatics theory and methods, complex systems theory and methods, intelligent computing in signal processing, intelligent computing in image processing, intelligent computing in robotics, intelligent computing in computer vision, intelligent agent and web applications, special session on advances in information security 2012.

Big Data Concepts, Theories, and Applications May 01 2022 This book covers three major parts of Big Data: concepts, theories and applications. Written by world-renowned leaders in Big Data, this book explores the problems, possible solutions and directions for Big Data in research and practice. It also focuses on high level concepts such as definitions of Big Data from different angles; surveys in research and applications; and existing tools, mechanisms, and systems in practice. Each chapter is independent from the other chapters, allowing users to read any chapter directly. After examining the practical side of Big Data, this book presents theoretical perspectives. The theoretical research ranges from Big Data representation, modeling and topology to distribution and dimension reducing. Chapters also investigate the many disciplines that involve Big Data, such as statistics, data mining, machine learning, networking, algorithms, security and differential geometry. The last section of this book introduces Big Data applications from different communities, such as business, engineering and science. *Big Data Concepts, Theories and Applications* is designed as a reference for researchers and advanced level students in computer science, electrical engineering and mathematics. Practitioners who focus on information systems, big data, data mining, business analysis and other related fields will also find this material valuable.

Methods, Theories, and Empirical Applications in the Social Sciences Jul 31 2019 The volume addresses major features in empirical social research from methodological and theoretical perspectives. Prominent researchers discuss central problems in empirical social research in a theory-driven way from political science, sociological or social-psychological points of view. These contributions focus on a renewed discussion of foundations together with innovative and open research questions or interdisciplinary research perspectives.

Colour Design Nov 26 2021 Given its importance in analysing and influencing the world around us, an understanding of colour is a vital tool in any design process. Colour design provides a comprehensive review of the issues surrounding the use of colour, from the fundamental principles of what colour is to its important applications across a vast range of industries. Part one covers the main principles

and theories of colour, focusing on the human visual system and the psychology of colour perception. Part two goes on to review colour measurement and description, including consideration of international standards, approval methods for textiles and lithographic printing, and colour communication issues. Forecasting colour trends and methods for design enhancement are then discussed in part three along with the history of colour theory, dyes and pigments, and an overview of dye and print techniques. Finally, part four considers the use of colour across a range of specific applications, from fashion, art and interiors, to food and website design. With its distinguished editor and international team of contributors, Colour design is an invaluable reference tool for all those researching or working with colour and design in any capacity. Provides a comprehensive review of the issues surrounding the use of colour in textiles Discusses the application of colour across a vast range of industries Chapters cover the theories, measurement and description of colour, forecasting colour trends and methods for design enhancement

Utility Theories: Measurements and Applications Sep 24 2021 The Conference on "Utility: Theories, Measurements, and Applications" met at the Inn at Pasatiempo in Santa Cruz, California, from June 11 to 15, 1989. The all-star cast of attendees are listed as authors in the Table of Contents of this book (see p. V), except for Soo Hong Chew and Amos Tversky. The purpose of the conference, and of National Science Foundation Grant No. SES-8823012 that supported it, was to confront proponents of new generalized theories of utility with leading decision analysts committed to the implementation, in practice, of the more traditional theory that these new theories reject. That traditional model is variously identified in this book as expected utility or subjectively expected utility maximization (EU or SEU for short) and variously attributed to von Neumann and Morgenstern or Savage. I had feared that the conference might consist of an acrimonious debate between Olympian normative theorists uninterested in what people actually do and behavioral modelers obsessed with the cognitive illusions and uninterested in helping people to make wise decisions. I was entirely wrong. The conferees, in two dramatic straw votes at the opening session, unanimously endorsed traditional SEU as the appropriate normative model and unanimously agreed that people don't act as that model requires. (These votes had a profound impact on my thinking; detail about them and about that impact is located in Chapter 10.

Theories and Applications of Plate Analysis Jun 29 2019 This book by a renowned structural engineer offers comprehensive coverage of both static and dynamic analysis of plate behavior, including classical, numerical, and engineering solutions. It contains more than 100 worked examples showing step by step how the various types of analysis are performed.

Sport, Exercise, and Performance Psychology May 21 2021 This book brings together world-class professionals to share theoretical understanding applied to sport, exercise and performance domains. It highlights how to be more effective in developing psychological skills, context and understanding for educators, students and professionals. From both academic and practitioner perspectives, this book takes readers through contextual understanding of this field of study and into a wide variety of important areas. Specifically, the chapters focus on the mind-body relationship and performance challenges, and on core mental skills applied across different sport, exercise and performance examples (including professional athletes, normal exercise populations and military service members). The final section expands the context into the role of relationships and performance in group settings to cover a broad practice of modern day applied performance psychology.

Cognition Apr 19 2021 Brings to life topics and theories of cognition and shows the impact of cognitive theories on other fields of psychology. Practical coverage of cognitive neuroscience focuses on how localization of cognitive processes gives insight on function. This fifth edition includes new coverage of neuroscience, plus online cognitive demonstrations at a Web site. Learning features include questions

and key terms. A separate study guide contains strategies for increasing comprehension and memory, and outlines of each chapter in the text, along with questions and answers.

Network Governance Jan 29 2022 Network governance has received much attention within the fields of public administration and policy in recent years, but surprisingly few books are designed specifically to help students, researchers, and practitioners examine key concepts, synthesize the growing body of literature into reliable frameworks, and to bridge the theory-practice gap by exploring network applications. *Network Governance: Concepts, Theories, and Applications* is the first textbook to focus on interorganizational networks and network governance from the perspective of public policy and administration, asking important questions such as: How are networks designed and developed? How are they governed, and what type of leadership do they require? To whom are networks accountable, and when are they effective? How can network governance contribute to effective delivery of public services and policy implementation? In this timely new book, authors Naim Kapucu and Qian Hu define and examine key concepts, propose exciting new theoretical frameworks to synthesize the fast-growing body of network research in public policy and administration, and provide detailed discussion of applications. *Network Governance* offers not only a much-needed systematic examination of existing knowledge, but it also goes much further than existing books by discussing the applications of networks in a wide range of management practice and policy domains—including natural resource management, environmental protection, public health, emergency and crisis management, law enforcement, transportation, and community and economic development. Chapters include understudied network research topics such as power and decision-making in interorganizational networks, virtual networks, global networks, and network analysis applications. What sets this book apart is the introduction of social network analysis and coverage of applications of social network analysis in the policy and management domains. PowerPoint slides and a sample syllabus are available for adopters on an accompanying website. Drawing on literature from sociology, policy sciences, organizational studies, and economics, this textbook will be required reading for courses on network governance, collaborative public management, cross-sector governance, and collaboration and partnerships in programs of public administration, public affairs, and public policy.

Development of Mental Representation Sep 05 2022 There is a general and extensive literature in the development of representational thought and symbolic processes because of its centrality in human evolution. However, the umbrella of science and its method does not necessarily lead to a coherent conceptual model, or agreements among scholars. These basic differences among various disciplines have led to the creation of new and exciting realms of research. This book considers how representational or symbolic thought develops for children's use in a wide array of these circumstances.

Theories and Applications of Counseling and Psychotherapy Oct 06 2022 *Theories and Applications of Counseling and Psychotherapy* provides students with the foundational knowledge needed to implement various therapeutic approaches in individual and family counseling. The dynamic author team of Earl J. Ginter, Gargi Roysircar Sodowsky, and Lawrence H. Gerstein presents theories through a multicultural and social justice-oriented lens, including evidence to support each theory. Students will embrace chapter concepts through vibrant illustrations and relevant examples from movies, TV shows, news articles, and other sources presented throughout.

Mobile Learning Design Feb 04 2020 This book focuses on mobile learning design from both theoretical and practical perspectives. It introduces and discusses how mobile learning can be effectively integrated into curricula, highlighting the design of four key components of learning-centric pedagogy: Resource, Activity, Support and Evaluation in the context of mobile learning. It also investigates the learning theories underpinning mobile learning design, and includes case studies in different

contexts. It provides practical insights that allow teachers to change and transform teaching practices using mobile technology. Anyone involved in mobile-technology enhanced learning and teaching will find this book both informative and useful.

Translation Studies Oct 26 2021

Fundamental Theories and Their Applications of the Calculus of Variations Dec 04 2019 This book focuses on the calculus of variations, including fundamental theories and applications. This textbook is intended for graduate and higher-level college and university students, introducing them to the basic concepts and calculation methods used in the calculus of variations. It covers the preliminaries, variational problems with fixed boundaries, sufficient conditions of extrema of functionals, problems with undetermined boundaries, variational problems of conditional extrema, variational problems in parametric forms, variational principles, direct methods for variational problems, variational principles in mechanics and their applications, and variational problems of functionals with vector, tensor and Hamiltonian operators. Many of the contributions are based on the authors' research, addressing topics such as the extension of the connotation of the Hilbert adjoint operator, definitions of the other three kinds of adjoint operators, the extremum function theorem of the complete functional, unified Euler equations in variational methods, variational theories of functionals with vectors, modulus of vectors, arbitrary order tensors, Hamiltonian operators and Hamiltonian operator strings, reconciling the Euler equations and the natural boundary conditions, and the application range of variational methods. The book is also a valuable reference resource for teachers as well as science and technology professionals.

Scientific Evidence Nov 02 2019 Physicists think they have discovered the top quark. Biologists believe in evolution. But what precisely constitutes evidence for such claims, and why? Scientists often disagree with one another over whether or to what extent some evidence counts in favor of a theory because they are operating with different concepts of scientific evidence. These concepts need to be critically explored. Peter Achinstein has gathered some prominent philosophers and historians of science for critical and lively discussions of both general questions about the meaning of evidence and specific ones about evidence for particular scientific theories. Contributors: Peter Achinstein, The Johns Hopkins University; Steven Gimbel, Gettysburg College; Gary Hatfield, University of Pennsylvania; Frederick M. Kronz, University of Texas-Austin; Helen Longino, University of Minnesota; Deborah G. Mayo, Virginia Tech; Amy L. McLaughlin, Florida Atlantic University; John Norton, University of Pittsburgh; Lawrence M. Principe, The Johns Hopkins University; Richard Richards, University of Alabama; Alex Rosenberg, Duke University; Sherrilyn Roush, Rice University; Laura J. Snyder, St. Johns University; Kent Staley, St. Louis University.

Fast Fashion Systems Dec 28 2021 Fast fashion is an industrial trend that refers to the concept of shortening lead time (production, distribution) and offering new products to the market as fast as possible. Despite an abundance of research results, there is no comprehensive reference source that covers the state-of-the-art findings on both theoretical modeling and empirical research on fast fashion systems. This edited volume consists of three sections - review and exploratory studies, analytical models, and empirical research - made up of many interesting contributions in the respective domain. The result is a well-balanced handbook which includes both theoretical results (from various perspectives) and empirical findings. This volume will be of interest not only to those involved in the fashion industry, but also to academics and practitioners in the wider fields of business, manufacturing engineering, systems engineering and supply chain management.

Intelligence - Theories and Applications Mar 31 2022 Intelligence allows people to understand events and to shape their surrounding environment. This book delves deeper into the theories and applications of intelligence, showing it is a multifaceted concept - defined and explained differently by prestigious experts of

various disciplines in their own research. The book provides interdisciplinary connections of intelligence as it relates to a variety of clearly outlined subject areas, and should lead to a deep understanding of the phenomenon as it pertains to practical applications in different domains. Contributors in this volume present results from evolutionary biology, mathematics, artificial intelligence, medicine, psychology, cultural studies, economy, political sciences and philosophy. Individual scientific models are integrated in an interdisciplinary concept of wisdom. This volume will help enhance the common understanding of intelligence for fellow researchers and scientists alike.

Better Policies, Better Schools Jul 11 2020 This book brings together the latest research on the policy-making process and theories of policy studies, and applies them to key policy areas. Policies are examined using 4 frameworks or "policy lenses"--normative, structural, constituent and technical--are used to enable students to view policy in a range of complexity. The authors have incorporated real world examples and vignettes and divided the text into 3 distinct parts--Theory, Process, Application to make information accessible and useful.

Soft Computing: Theories and Applications Oct 02 2019 The book focuses on soft computing and its applications to solve real-world problems in different domains, ranging from medicine and health care, to supply chain management, image processing and cryptanalysis. It includes high-quality papers presented at the International Conference on Soft Computing: Theories and Applications (SoCTA 2018), organized by Dr. B. R. Ambedkar National Institute of Technology, Jalandhar, Punjab, India. Offering significant insights into soft computing for teachers and researchers alike, the book inspires more researchers to work in the field of soft computing.

Electricity Markets Aug 24 2021 A comprehensive resource that provides the basic concepts of electric power systems, microeconomics, and optimization techniques *Electricity Markets: Theories and Applications* offers students and practitioners a clear understanding of the fundamental concepts of the economic theories, particularly microeconomic theories, as well as information on some advanced optimization methods of electricity markets. The authors--noted experts in the field--cover the basic drivers for the transformation of the electricity industry in both the United States and around the world and discuss the fundamentals of power system operation, electricity market design and structures, and electricity market operations. The text also explores advanced topics of power system operations and electricity market design and structure including zonal versus nodal pricing, market performance and market power issues, transmission pricing, and the emerging problems electricity markets face in smart grid and micro-grid environments. The authors also examine system planning under the context of electricity market regime. They explain the new ways to solve problems with the tremendous amount of economic data related to power systems that is now available. This important resource: Introduces fundamental economic concepts necessary to understand the operations and functions of electricity markets Presents basic characteristics of power systems and physical laws governing operation Includes mathematical optimization methods related to electricity markets and their applications to practical market clearing issues *Electricity Markets: Theories and Applications* is an authoritative text that explores the basic concepts of the economic theories and key information on advanced optimization methods of electricity markets.

Introducing Translation Studies Jun 02 2022 *Introducing Translation Studies* remains the definitive guide to the theories and concepts that make up the field of translation studies. Providing an accessible and up-to-date overview, it has long been the essential textbook on courses worldwide. This fourth edition has been fully revised and continues to provide a balanced and detailed guide to the theoretical landscape. Each theory is applied to a wide range of languages, including Bengali, Chinese, English, French, German, Italian, Punjabi, Portuguese and Spanish. A broad spectrum of texts is analysed, including the Bible, Buddhist sutras, Beowulf, the

fiction of García Márquez and Proust, European Union and UNESCO documents, a range of contemporary films, a travel brochure, a children's cookery book and the translations of Harry Potter. Each chapter comprises an introduction outlining the translation theory or theories, illustrative texts with translations, case studies, a chapter summary and discussion points and exercises. NEW FEATURES IN THIS FOURTH EDITION INCLUDE: new material to keep up with developments in research and practice, including the sociology of translation, multilingual cities, translation in the digital age and specialized, audiovisual and machine translation revised discussion points and updated figures and tables new, in-chapter activities with links to online materials and articles to encourage independent research an extensive updated companion website with video introductions and journal articles to accompany each chapter, online exercises, an interactive timeline, weblinks, and powerpoint slides for teacher support This is a practical, user-friendly textbook ideal for students and researchers on courses in Translation and Translation Studies.

Scattering of Electromagnetic Waves Sep 12 2020 A timely and authoritative guide to the state of the art of wavescattering Scattering of Electromagnetic Waves offers in three volumes a complete and up-to-date treatment of wave scattering by random discrete scatterers and rough surfaces. Written by leading scientists who have made important contributions to wave scattering over three decades, this new work explains the principles, methods, and applications of this rapidly expanding, interdisciplinary field. It covers both introductory and advanced material and provides students and researchers in remote sensing as well as imaging, optics, and electromagnetic theory with a one-stop reference to a wealth of current research results. Plus, Scattering of Electromagnetic Waves contains detailed discussions of both analytical and numerical methods, including cutting-edge techniques for the recovery of earth/land parametric information. The three volumes are entitled respectively Theories and Applications, Numerical Simulation, and Advanced Topics. In the first volume, Theories and Applications, Leung Tsang (University of Washington) Jin Au Kong (MIT), and Kung-Hau Ding (Air Force Research Lab) cover: * Basic theory of electromagnetic scattering * Fundamentals of random scattering * Characteristics of discrete scatterers and rough surfaces * Scattering and emission by layered media * Single scattering and applications * Radiative transfer theory and solution techniques * One-dimensional random rough surface scattering

Ecology Jan 05 2020 This overview of evolutionary, behavioural, population, community and applied ecology covers the essentials required by beginning students. This edition has been thoroughly updated to reflect recent ideas, concepts and examples. It also features greater emphasis on applied ecology.

Network Governance Jun 21 2021 Introduction: Networks and network governance -- Interorganizational networks and social network analysis -- Network types, function, and structures -- Network formation, development, resilience and sustainability -- Network management and leadership -- Knowledge management and information exchange in networks -- Power and decision-making in interorganizational networks -- Legitimacy and accountability -- Network performance & accountability -- Networks in emergency and crisis management -- Networks in community and economic development -- Networks in human and social services -- Networks in virtual environments -- Global perspectives on networks -- Advancement of research on network governance and implications.

Personality Aug 04 2022

Cognition: Theories and Applications Nov 07 2022 Dr. Stephen Reed's Ninth Edition of COGNITION: THEORY AND APPLICATIONS focuses on the theories that underlie cognitive phenomena as well as empirical data that establishes a traditional, information processing approach to cognitive psychology. This structure allows undergraduates to discover the direct relevance of cognitive psychology to many of their daily activities. The text incorporates unparalleled scholarship in a distinctive clear voice that allows for the emphasis of both contemporary and

classical research through real-life examples and experiments. Revised and updated throughout to maintain a high degree of currency and accuracy, content reflects the ever-evolving field and is made relevant to students' lives through the inclusion of popular articles from well-known magazines and newspapers. As a result of its adherence to three criteria--the material must make an important contribution to cognitive psychology, be accessible, and be both understandable and interesting--the text is an invaluable tool in learning cognitive psychology. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Introducing Translation Studies Apr 07 2020 Introducing Translation Studies remains the definitive guide to the theories and concepts that make up the field of translation studies. Providing an accessible and up-to-date overview, this is a practical, user-friendly textbook ideal for students and researchers on courses in Translation and Translation Studies.

Sport, Exercise, and Performance Psychology Jul 23 2021 This book brings together world-class professionals to share theoretical understanding applied to sport, exercise and performance domains. It highlights how to be more effective in developing psychological skills, context and understanding for educators, students and professionals. From both academic and practitioner perspectives, this book takes readers through contextual understanding of this field of study and into a wide variety of important areas. Specifically, the chapters focus on the mind-body relationship and performance challenges, and on core mental skills applied across different sport, exercise and performance examples (including professional athletes, normal exercise populations and military service members). The final section expands the context into the role of relationships and performance in group settings to cover a broad practice of modern day applied performance psychology.

Training and Development Aug 31 2019 Provides a complete idea of the nuances of training and development in an organizational setting through appropriate treatment of theories and real-life cases. Training and Development: Theories and Applications provides readers with a suitable backdrop to understand the complexities of training and development theories. It aims at making the concepts relevant and easier to understand and put them to practice in real-life situations. This comprehensive textbook has been developed after a thorough study of the syllabuses of major universities and management institutes in India, with adequate inputs from various professional bodies specializing in training and development. The book not only aims to address the requirements of students but also satisfies the needs of training and development instructors and human resource professionals. KEY FEATURES: Balanced discussions on theories and applications with examples from the corporate world in India and abroad. Contemporary topics such as e-training, technology-based training, cross-cultural training, and organizational development and training. Opening vignette in each chapter, case-lets and chapter-end comprehensive case study. Rich chapter-end features including general and critical review questions and 'Special Activity for Practitioners', a practice-based assignment. Relevant ancillary teaching material for instructors on the dedicated companion website.

Corporate Risk Management Aug 12 2020 An updated review of the theories and applications of corporate risk management After the financial crisis of 2008, issues concerning corporate risk management arose that demand new levels of oversight. Corporate Risk Management is an important guide to the topic that puts the focus on the corporate finance dimension of risk management. The author--a noted expert on the topic--presents several theoretical models appropriate for various industries and empirically verifies theoretical propositions. The book also proposes statistical modeling that can evaluate the importance of different risks and their variations according to economic cycles. The book provides an analysis of default, liquidity, and operational risks as well as the failures of LTCM, ENRON, and financial institutions that occurred during the financial crisis. The author also explores

Conditional Value at Risk (CVaR), which is central to the debate on the measurement of market risk under Basel III. This important book: Includes a comprehensive review of the aspects of corporate risk management Presents statistical modeling that addresses recent risk management issues Contains an analysis of risk management failures that lead to the 2008 financial crisis Offers a must-have resource from author Georges Dionne the former editor of The Journal of Risk and Insurance Corporate Risk Management provides a modern empirical analysis of corporate risk management across industries. It is designed for use by risk management professionals, academics, and graduate students.

Fast Fashion Systems Jul 03 2022 Fast fashion is an industrial trend that refers to the concept of shortening lead time (production, distribution) and offering new products to the market as fast as possible. Despite an abundance of research results, there is no comprehensive reference source that covers the state-of-the-art findings on both theoretical modeling and empirical research on fast fashion systems. This edited volume consists of three sections - review and exploratory studies, analytical models, and empirical research - made up of many interesting contributions in the respective domain. The result is a well-balanced handbook which includes both theoretical results (from various perspectives) and empirical findings. This volume will be of interest not only to those involved in the fashion industry, but also to academics and practitioners in the wider fields of business, manufacturing engineering, systems engineering and supply chain management.

Modern Approaches to Terminological Theories and Applications Jun 09 2020 This volume comprises contributions originally presented at the 15th European Symposium on Languages for Special Purposes held at the University of Bergamo on 29 August - 2 September 2005. The volume is divided into four parts: Approaches to Terminological Theories; Terms in Discourse; Knowledge Elicitation, Ordering and Management; Term extraction and terminographical work. The research presented in the various contributions to this volume clearly indicates that terminology as an inter- and transdisciplinary field of knowledge is firmly developing its theoretical foundations and practical applications in accordance with and within the framework of its overall goal: to ensure and to augment the quality of communication with professional content.

Theories of Development Nov 14 2020 The result of extensive scholarship and consultation with leading scholars, this text introduces students to twenty-four theorists and compares and contrasts their theories on how we develop as individuals. Emphasizing the theories that build upon the developmental tradition established by Rousseau, this text also covers theories in the environmental/learning tradition.

Control and Optimal Control Theories with Applications Mar 07 2020 This sound introduction to classical and modern control theory concentrates on fundamental concepts. Employing the minimum of mathematical elaboration, it investigates the many applications of control theory to varied and important present-day problems, e.g. economic growth, resource depletion, disease epidemics, exploited population, and rocket trajectories. An original feature is the amount of space devoted to the important and fascinating subject of optimal control. The work is divided into two parts. Part one deals with the control of linear time-continuous systems, using both transfer function and state-space methods. The ideas of controllability, observability and minimality are discussed in comprehensible fashion. Part two introduces the calculus of variations, followed by analysis of continuous optimal control problems. Each topic is individually introduced and carefully explained with illustrative examples and exercises at the end of each chapter to help and test the reader's understanding. Solutions are provided at the end of the book. Investigates the many applications of control theory to varied and important present-day problems Deals with the control of linear time-continuous systems, using both transfer function and state-space methods Introduces the calculus of variations, followed by

analysis of continuous optimal control problems

Uncertainty, Information Management, and Disclosure Decisions Dec 16 2020 This volume integrates scholarly work on disclosure and uncertainty with the most up-to-date, cutting edge research, theories, and applications. Uncertainty is an ever-present part of human relationships, and the ways in which people reduce and/or manage uncertainty involves regulating their communication with others through revealing and concealing information. This collection is devoted to collating knowledge in these areas, advancing theory and presenting work that is socially meaningful. This work includes contributions from renowned scholars in interpersonal uncertainty and information regulation, focusing on processes that bridge boundaries within and across disciplines, while maintaining emphasis on interpersonal contexts. Disciplines represented here include interpersonal, family, and health communication, as well as relational and social psychology. Key features of the volume include: comprehensive coverage integrating the latest research on disclosure, information seeking, and uncertainty a highly theoretical content, socially meaningful in nature (applied to real-world contexts) an interdisciplinary approach that crosses sub-fields within communication. This volume is a unique and timely resource for advanced study in interpersonal, health, or family communication. With its emphasis on theory, the book is an excellent resource for graduate courses addressing theory and/or theory construction, and it will also appeal to scholars interested in applied research.

Dynamical Systems Feb 27 2022 Chaos is the idea that a system will produce very different long-term behaviors when the initial conditions are perturbed only slightly. Chaos is used for novel, time- or energy-critical interdisciplinary applications. Examples include high-performance circuits and devices, liquid mixing, chemical reactions, biological systems, crisis management, secure information processing, and critical decision-making in politics, economics, as well as military applications, etc. This book presents the latest investigations in the theory of chaotic systems and their dynamics. The book covers some theoretical aspects of the subject arising in the study of both discrete and continuous-time chaotic dynamical systems. This book presents the state-of-the-art of the more advanced studies of chaotic dynamical systems.

Electricity Markets May 09 2020 A comprehensive resource that provides the basic concepts of electric power systems, microeconomics, and optimization techniques *Electricity Markets: Theories and Applications* offers students and practitioners a clear understanding of the fundamental concepts of the economic theories, particularly microeconomic theories, as well as information on some advanced optimization methods of electricity markets. The authors-noted experts in the field-cover the basic drivers for the transformation of the electricity industry in both the United States and around the world and discuss the fundamentals of power system operation, electricity market design and structures, and electricity market operations. The text also explores advanced topics of power system operations and electricity market design and structure including zonal versus nodal pricing, market performance and market power issues, transmission pricing, and the emerging problems electricity markets face in smart grid and micro-grid environments. The authors also examine system planning under the context of electricity market regime. They explain the new ways to solve problems with the tremendous amount of economic data related to power systems that is now available. This important resource: Introduces fundamental economic concepts necessary to understand the operations and functions of electricity markets Presents basic characteristics of power systems and physical laws governing operation Includes mathematical optimization methods related to electricity markets and their applications to practical market clearing issues *Electricity Markets: Theories and Applications* is an authoritative text that explores the basic concepts of the economic theories and key information on advanced optimization methods of electricity markets.

Care Ethics Oct 14 2020 The ethic of care has developed to become a body of theory that has expanded from its roots in social psychology to many other disciplines in the social sciences as well as the humanities. This work on care has informed both theory and practice by generating complex accounts of care ethics for multiple and intersecting kinds of relationships, and for a variety of domains and contexts. Its application now extends from the moral to the political realm, from personal to public relationships, from the local to the global, from feminine to feminist virtues and values, and from issues of gender to issues of power and oppression. The developments in the theories and applications of care ethics over the past few decades make this book an appropriate and timely publication. It includes chapters by authors who are developing or expanding theories of care ethics and also by those who work on applying and extending insights from care ethics to practices and policies in personal and institutional settings. Care Ethics provides readers from different disciplines and professional groups with a substantial number of new theories and applications from both new and established authors. This book was originally published as two special issues of Ethics and Social Welfare.