Reading free Fluid meters their theory and application report of asme research committee on fluid meters Copy

presenting the new edition of the text that delivers the most widely used and developed conceptual model in occupational therapy beautifully redesigned and fully revised the third edition of a model of human occupation moho delivers the latest in human occupation research and application to practice new to this edition a reader friendly format with second color and additional illustrations and anecdotes more case examples for integrating the model into practice a discussion of the therapy process and how change occurs language linked to ut and icidh 2 terminology a research chapter and numerous research references highlighting the growing body of evidence supporting moho this unusually clear and interesting classic offers a thorough and reliable treatment of an important branch of higher analysis the work covers real numbers and sequences foundations of the theory of infinite series and development of the theory series of valuable terms euler s summation formula asymptotic expansions and other topics exercises throughout ideal for self study the application of group theory in physics this up to date second edition provides a comprehensive examination of the theory and application of statistical energy analysis sea in acoustics and vibration complete with examples and data taken from real problems this unique book also explores the influence of computers on sea and emphasizes computer based sea calculations in addition to a discussion of the relationship between sea and other procedures used in response estimation theory and application of statistical energy anlaysis second edition explores the basic relationships between model and wave descriptions of systems this text for courses in portfolio management presents the modern theories of portfolio management and clearly explains and illustrates their practical applications this textbook avoids elaborate discussions of narrowly based investment techniques mysearchlab provides students with a complete understanding of the research process so they can complete research projects confidently and efficiently students and instructors with an internet connection can visit mysearchlab com and receive immediate access to thousands of full articles from the ebsco contentselect database in addition mysearchlab offers extensive content on the research process itself including tips on how to navigate and maximize time in the campus library a step by step guide on writing a research paper and instructions on how to finish an academic assignment with endnotes and bibliography this short jargon free text helps students see how the classical theories of marx durkheim simmel and weber address many of the issues and problems of contemporary society topics ranging from battle over values property role of trust in society governmental secrecy and trafficking in human organs the nato advanced research institute on search theory and appli cations was held at the hotel algarve in praia da rocha portugal from march 26 through march 30 1979 and was sponsored by the nato special programme panel on systems science there were forty one participants representing a wide range of backgrounds and interests the purpose of the institute was to bring together people working in search theory and applications with potential users of search techniques to stimulate the increased application of recent ly developed search technology to civilian problems such as search and rescue mineral exploration surveillance and fishing con versely it was felt that by exposing search analysts to potential applications and new problems they would be stimulated to develop new techniques for these applications and problems the exchange of ideas and problems necessary to accomplish these goals was provided in the meeting workshops there were three workshops search and rescue exploration and surveillance and fishing each consisting of a small group of search analysts and potential users working together to define areas in which search theory and technology can be applied and to outline plans for im plementation at the end of the conference each working group submitted a report outlining possible areas of search applications and discussing problems which needed to be solved in order to im plement these applications research in the statistical analysis of extreme values has flourished over the past decade new probability models inference and data analysis techniques have been introduced and new application areas have been explored statistics of extremes comprehensively covers a wide range of models and application areas including risk and insurance a major area of interest and relevance to extreme value theory case studies are introduced providing a good balance of theory and application of each model discussed incorporating many illustrated examples and plots of data the last part of the book covers some interesting advanced topics including time series regression multivariate and bayesian modelling of extremes the use of which has huge potential in the past when goods and services were simpler measurement of quality was self evident as business became more complicated so too did the implementation of quality management and our ability to measure it ultimately the practice of quality strayed from being a business practice to become much more of an engineering discipline producing plen this book takes the vocal and visual modalities and human robot interaction applications into account by considering three main aspects namely social and affective robotics robot navigation and risk event recognition this book can be a very good starting point for the scientists who are about to start their research work in the field of human robot interaction this book covers the essentials of developments in the area of plate structures and presents them so that the readers can obtain a quick understanding and overview of the subject several theoretical models are employed for their analysis and design starting from the classical thin plate theory to alternatives obtained by incorporation of appropriate complicating effects or by using fundamentally different assumptions the book includes pedagogical features like end of chapter exercises and worked examples to help students in self learning the book is extremely useful for the senior undergraduate and postgraduate students of aerospace engineering and mechanical engineering this book presents recent developments in the theory and application of latent variable models lvms by some of the most prominent researchers in the field topics covered involve a range of lvm frameworks including item response theory structural equation modeling factor analysis and latent curve modeling as well as various non standard data structures and innovative applications the book is divided into two sections although several chapters cross these content boundaries part one focuses on complexities which involve the adaptation of latent variables models in research problems where real world conditions do not match conventional assumptions chapters in this section cover issues such as analysis of dyadic data and complex survey data as well as analysis of categorical variables part two of the book focuses on drawing real world meaning from results obtained in lvms in this section there are chapters examining issues involving assessment of model fit the nature of uncertainty in parameter estimates inferences and the nature of latent variables and individual differences this book appeals to researchers and graduate students interested in the theory and application of latent variable models as such it serves as a supplementary reading in graduate level courses on latent variable models prerequisites include basic knowledge of latent variable models this second book by coach thibaudeau focuses more on the science of strength as well as the various methods you can use to boost your strength and power a great tool for athletes of all kinds also includes information on electromyostimulation chains bands weight releasers and over 30 different training methods this second book of mine the first one being the black book of training secrets is a gift to myself i ve wanted to write something specifically for athletes and strength coaches for a long time put something out there that would revolutionize how high level athletes undertake their training but i m not utopic i don t believe that this book will usher strength power training into a new era however i m sure that all of you will learn a lot of new training means methods and methodics from this book what it will do is add a few tools to your coaching athletic toolbox allowing you to reach a new level of success in your training or your athlete s an accessible yet rigorous introduction to partial differential equations this textbook provides beginning graduate students and advanced undergraduates with an accessible introduction to the rich subject of partial differential equations pdes it presents a rigorous and clear explanation of the more elementary theoretical aspects of pdes while also drawing connections to deeper analysis and applications the book serves as a needed bridge between basic undergraduate texts and more advanced books that require a significant background in functional analysis topics include first order equations and the method of characteristics second order linear equations wave and heat equations laplace and poisson equations and separation of variables the book also covers fundamental solutions green s functions and distributions beginning functional analysis applied to elliptic pdes traveling wave solutions of selected parabolic pdes and scalar conservation laws and systems of hyperbolic pdes provides an accessible yet rigorous introduction to partial differential equations draws connections to advanced topics in analysis covers applications to continuum mechanics an electronic solutions manual is available only to professors an online illustration package is available to professors first published in 1988 routledge is an imprint of taylor francis an informa company this book systematically synthesizes research achievements in the field of fuzzy neural networks in recent years it also provides a comprehensive presentation of the developments in fuzzy neural networks with regard to theory as well as their application to system modeling and image restoration special emphasis is placed on the fundamental concepts and architecture analysis of fuzzy neural networks the book is unique in treating all kinds of fuzzy neural networks and their learning algorithms and universal approximations and employing simulation examples which are carefully designed to help the reader grasp the underlying theory this is a valuable reference for scientists and engineers working in mathematics computer science control or other fields related to information processing it can also be used as a textbook for graduate courses in applied mathematics computer science automatic control and electrical engineering outstanding introductory treatment geared toward advanced undergraduates and graduate students who require knowledge of graph theory the first nine chapters constitute an excellent overview the remaining chapters are more advanced and provide material for a variety of courses 1974 edition 多くの読者から親しまれてきた定評あるテキストの新版 練習問題を増やし解答をつけ学習の便宜を図った 統計検定1級対策にも好適 this volume addresses context from three comprehensive perspectives first its importance the issues surrounding context and its value in the laboratory and the field second the theory guiding the ai used to model its context and third its applications in the field e g decision making this breadth poses a challenge the book analyzes how the environment context influences human perception cognition and action while current books approach context narrowly the major contribution of this book is to provide an in depth review over a broad range of topics for a computational context no matter its breadth the volume outlines numerous strategies and techniques from world class scientists who have adapted their research to solve different problems with ai in difficult environments and complex domains to address the many computational challenges posed by context context can be clear uncertain or an illusion clear contexts a father praising his child a trip to the post office to buy stamps a policewoman asking for identification uncertain contexts a sneak attack a surprise witness in a courtroom a shout of fire fire contexts as illusion humans fall prey to illusions that machines do not adelson s checkerboard illusion versus a photometer determining context is not easy when disagreement exists interpretations vary or uncertainty reigns physicists like einstein relativity bekenstein holographs and rovelli universe have written that reality is not what we commonly believe even outside of awareness individuals act differently whether alone or in teams can computational context with ai adapt to clear and uncertain contexts to change over time and to individuals machines or robots as well as to teams if a program automatically knows the context that improves performance or decisions does it matter whether context is clear uncertain or illusory written and edited by world class leaders from across the field of autonomous systems research this volume carefully considers the computational systems being constructed to determine context for individual agents or teams the challenges they face and the advances they expect for the science of context due to inherent limitations in human sensing organs most data collected for various purposes contain uncertainties even at the rare occasions when accurate data are available the truthful predictions derived on the data tend to create chaotic consequences so to effectively process and make sense out of available data we need methods to deal with uncertainty inherently existing inside the data the intent of this monograph is to explore the fundamental theory methods and techniques of practical application of grey systems theory initiated by professor deng julong in 1982 this volume presents most of the recent advances of the theory accomplished by scholars from around the world from studying this book the reader will not only acquire an overall knowledge of this new theory but also be able to follow the most current research activities all examples presented are based on practical applications of the theory when urgent real life problems had to be addressed last but not the least this book concludes with three appendices the first one compares grey systems theory and interval analysis while revealing the fact that interval analysis is a part of grey mathematics the second appendix presents an array of different approaches of studying uncertainties and the last appendix shows how uncertainties appear using general systems approach educational psychology for learners is the ideal text for programs that recognize the need for undergraduates including first year students to engage in rigorous intellectual discussion based on theory and current research as a means to support students academic growth personal development and integration into the scholarly community in addition to the relevant theory and research there is an emphasis on the concept of intentionality as well as the integration and application of key psychological concepts such as motivation knowledge acquisition and information processing and self regulation a new text from an experienced author hirschey adopts a new and unique approach to investments where both theory and practice are studied as a useful guide to a random walk down wall street to show how real world behavior reflects the theory the major theories of personality contain important insights about human nature but they are often unconnected with modern research personality theories and applications bridges the gap between research oriented book and traditional theory books by organizing each chapter around the specific topic that interested each of the major theorists designed for the first course in personality psychology personality theories and applications combines a strong historical perspective with practical applications that largely concern the world of work the authors both well known scholars and prize winning teachers have tried to make the book accessible to the widest range of students possible while retaining the integrity of the original subject matter the organizational consultant cd attached together with the book provide a managerial toolkit for the business person who wants to make her organization better and also for the student who wants a working knowledge of organizational design for both the organizational consultant guides you through cases or your own organization to analyze the company it contains comments and help which tell you why and directs you to in depth discussion on the concepts applied building intuition about theory through application is the approach this monograph provides the most recent and up to date developments on fractional differential and fractional integro differential equations involving many different potentially useful operators of fractional calculus the subject of fractional calculus and its applications that is calculus of integrals and derivatives of any arbitrary real or complex order has gained considerable popularity and importance during the past three decades or so due mainly to its demonstrated applications in numerous seemingly diverse and widespread fields of science and engineering some of the areas of present day applications of fractional models include fluid flow solute transport or dynamical processes in self similar and porous structures diffusive transport akin to diffusion material viscoelastic theory electromagnetic theory dynamics of earthquakes control theory of dynamical systems optics and signal processing bio sciences economics geology astrophysics probability and statistics chemical physics and so on in the above mentioned areas there are phenomena with estrange kinetics which have a microscopic complex behaviour and their macroscopic dynamics can not be characterized by classical derivative models the fractional modelling is an emergent tool which use fractional differential equations including derivatives of fractional order that is we can speak about a derivative of order 1 3 or square root of 2 and so on some of such fractional models can have solutions which are non differentiable but continuous functions such as weierstrass type functions such kinds of properties are obviously impossible for the ordinary models what are the useful properties of these fractional operators which help in the modelling of so many anomalous processes from the point of view of the authors and from known experimental results most of the processes associated with complex systems have non local dynamics involving long memory in time and the fractional integral and fractional derivative operators do have some of those characteristics this book is written primarily for the graduate students and researchers in many different disciplines in the mathematical physical engineering and so many others sciences who are interested not only in learning about the various mathematical tools and techniques used in the theory and widespread applications of fractional differential equations but also in further investigations which emerge naturally from or which are motivated substantially by the physical situations modelled mathematically in the book this monograph consists of a total of eight chapters and a very extensive bibliography the main objective of it is to complement the contents of the other books dedicated to the study and the applications of fractional differential equations the aim of the book is to present in a systematic manner results including the existence and uniqueness of solutions for the cauchy type problems involving nonlinear ordinary fractional differential equations explicit solutions of linear differential equations and of the corresponding initial value problems through different methods closed form solutions of ordinary and partial differential equations and a theory of the so called sequential linear fractional differential equations including a generalization of the classical frobenius method and also to include an interesting set of applications of the developed theory key features it is mainly application oriented it contains a complete theory of fractional differential equations it can be used as a postgraduate level textbook in many different disciplines within science and engineering it contains an up to date bibliography it provides problems and directions for further investigations fractional modelling is an emergent tool with demonstrated applications in numerous seemingly diverse and widespread fields of science and engineering it contains many examples and so on

Psychology

1994

presenting the new edition of the text that delivers the most widely used and developed conceptual model in occupational therapy beautifully redesigned and fully revised the third edition of a model of human occupation moho delivers the latest in human occupation research and application to practice new to this edition a reader friendly format with second color and additional illustrations and anecdotes more case examples for integrating the model into practice a discussion of the therapy process and how change occurs language linked to ut and icidh 2 terminology a research chapter and numerous research references highlighting the growing body of evidence supporting moho

Management

1977

this unusually clear and interesting classic offers a thorough and reliable treatment of an important branch of higher analysis the work covers real numbers and sequences foundations of the theory of infinite series and development of the theory series of valuable terms euler s summation formula asymptotic expansions and other topics exercises throughout ideal for self study

A Model of Human Occupation

2002

the application of group theory in physics

Theory and Application of Infinite Series

1990-01-01

this up to date second edition provides a comprehensive examination of the theory and application of statistical energy analysis sea in acoustics and vibration complete with examples and data taken from real problems this unique book also explores the influence of computers on sea and emphasizes computer based sea calculations in addition to a discussion of the relationship between sea and other procedures used in response estimation theory and application of statistical energy anlaysis second edition explores the basic relationships between model and wave descriptions of systems

The Application of Group Theory in Physics

2013

this text for courses in portfolio management presents the modern theories of portfolio management and clearly explains and illustrates their practical applications this textbook avoids elaborate discussions of narrowly based investment techniques

Theory and Application of Statistical Energy Analysis

2014-06-28

mysearchlab provides students with a complete understanding of the research process so they can complete research projects confidently and efficiently students and instructors with an internet connection can visit mysearchlab com and receive immediate access to thousands of full articles from the ebsco contentselect database in addition mysearchlab offers extensive content on the research process itself including tips on how to navigate and maximize time in the campus library a step by step guide on writing a research paper and instructions on how to finish an academic assignment with endnotes and bibliography this short jargon free text helps students see how the classical theories of marx durkheim simmel and weber address many of the issues and problems of contemporary society topics ranging from battle over values property role of trust in society governmental secrecy and trafficking in human organs

Portfolio Management

1997

the nato advanced research institute on search theory and appli cations was held at the hotel algarve in praia da rocha portugal from march 26 through march 30 1979 and was sponsored by the nato special programme panel on systems science there were forty one participants representing a wide range of backgrounds and interests the purpose of the institute was to bring together people working in search theory and applications with potential users of search techniques to stimulate the increased application of recent ly developed search technology to civilian problems such as search and rescue mineral exploration surveillance and fishing con versely it was felt that by exposing search analysts to potential applications and new problems they would be stimulated to develop new techniques for these applications and problems the exchange of ideas and problems necessary to accomplish these goals was provided in the meeting workshops there were three workshops search and rescue exploration and surveillance and fishing each consisting of a small group of search analysts and potential users working together to define areas in which search theory and technology can be applied and to outline plans for im plementation at the end of the conference each working group submitted a report outlining possible areas of search applications and discussing problems which needed to be solved in order to im plement these applications

Living Theory

2008-12

research in the statistical analysis of extreme values has flourished over the past decade new probability models inference and data analysis techniques have been introduced and new application areas have been explored statistics of extremes comprehensively covers a wide range of models and application areas including risk and insurance a major area of interest and relevance to extreme value theory case studies are introduced providing a good balance of theory and application of each model discussed incorporating many illustrated examples and plots of data the last part of the book covers some interesting advanced topics including time series regression multivariate and bayesian modelling of extremes the use of which has huge potential

Search Theory and Applications

1980-12

in the past when goods and services were simpler measurement of quality was self evident as business became more complicated so too did the implementation of quality management and our ability to measure it ultimately the practice of quality strayed from being a business practice to become much more of an engineering discipline producing plen

Statistics of Extremes

2004-10-15

this book takes the vocal and visual modalities and human robot interaction applications into account by considering three main aspects namely social and affective robotics robot navigation and risk event recognition this book can be a very good starting point for the scientists who are about to start their research work in the field of human robot interaction

Modern Control System Theory and Application

1975

this book covers the essentials of developments in the area of plate structures and presents them so that the readers can obtain a quick understanding and overview of the subject several theoretical models are employed for their analysis and design starting from the classical thin plate theory to alternatives obtained by incorporation of appropriate complicating effects or by using fundamentally different assumptions the book includes pedagogical features like end of chapter exercises and worked examples to help students in self learning the book is extremely useful for the senior undergraduate and postgraduate students of aerospace engineering and mechanical engineering

Quality Management

2009-12-17

this book presents recent developments in the theory and application of latent variable models lvms by some of the most prominent researchers in the field topics covered involve a range of lvm frameworks including item response theory structural equation modeling factor analysis and latent curve modeling as well as various non standard data structures and innovative applications the book is divided into two sections although several chapters cross these content boundaries part one focuses on complexities which involve the adaptation of latent variables models in research problems where real world conditions do not match conventional assumptions chapters in this section cover issues such as analysis of dyadic data and complex survey data as well as analysis of categorical variables part two of the book focuses on drawing real world meaning from results obtained in lvms in this section there are chapters examining issues involving assessment of model fit the nature of uncertainty in parameter estimates inferences and the nature of latent variables and individual differences this book appeals to researchers and graduate students interested in the theory and application of latent variable models as such it serves as a supplementary reading in graduate level courses on latent variable models prerequisites include basic knowledge of latent variable models

Human-Robot Interaction

2018-07-04

this second book by coach thibaudeau focuses more on the science of strength as well as the various methods you can use to boost your strength and power a great tool for athletes of all kinds also includes information on electromyostimulation chains bands weight releasers and over 30 different training methods this second book of mine the first one being the black book of training secrets is a gift to myself i ve wanted to write something specifically for athletes and strength coaches for a long time put something out there that would revolutionize how high level athletes undertake their training but i m not utopic i don t believe that this book will usher strength power training into a new era however i m sure that all of you will learn a lot of new training means methods and methodics from this book what it will do is add a few tools to your coaching athletic toolbox allowing you to reach a new level of success in your training or your athlete s

Theory and Application of Digital Signal Processing

1975

an accessible yet rigorous introduction to partial differential equations this textbook provides beginning graduate students and advanced undergraduates with an accessible introduction to the rich subject of partial differential equations pdes it presents a rigorous and clear explanation of the more elementary theoretical aspects of pdes while also drawing connections to deeper analysis and applications the book serves as a needed bridge between basic undergraduate texts and more advanced books that require a significant background in functional analysis topics include first order equations and the method of characteristics second order linear equations wave and heat equations laplace and poisson equations and separation of variables the book also covers fundamental solutions green s functions and distributions beginning functional analysis applied to elliptic pdes traveling wave solutions of selected parabolic pdes and scalar conservation laws and systems of hyperbolic pdes provides an accessible yet rigorous introduction to partial differential equations draws connections to advanced topics in analysis covers applications to continuum mechanics an electronic solutions manual is available only to professors an online illustration package is available to professors

Semiconductor Devices: Theory and Application

2019

first published in 1988 routledge is an imprint of taylor francis an informa company

Exercise Physiology

2009

this book systematically synthesizes research achievements in the field of fuzzy neural networks in recent years it also provides a comprehensive presentation of the developments in fuzzy neural networks with regard to theory as well as their application to system modeling and image restoration special emphasis is placed on the fundamental concepts and architecture analysis of fuzzy neural networks the book is unique in treating all kinds of fuzzy neural networks and their learning algorithms and universal approximations and employing simulation examples which are carefully designed to help the reader grasp the underlying theory this is a valuable reference for scientists and engineers working in mathematics computer science control or other fields related to information processing it can also be used as a textbook for graduate courses in applied mathematics computer science automatic control and electrical engineering

Plates

2021-05-07

outstanding introductory treatment geared toward advanced undergraduates and graduate students who require knowledge of graph theory the first nine chapters constitute an excellent overview the remaining chapters are more advanced and provide material for a variety of courses 1974 edition

Current Topics in the Theory and Application of Latent Variable Models

2012-12-12

多くの読者から親しまれてきた定評あるテキストの新版 練習問題を増やし解答をつけ学習の便宜を図った 統計検定1級対策にも好適

Introducing Communication Theory

2017-06-16

this volume addresses context from three comprehensive perspectives first its importance the issues surrounding context and its value in the laboratory and the field second the theory guiding the ai used to model its context and third its applications in the field e g decision making this breadth poses a challenge the book analyzes how the environment context influences human perception cognition and action while current books approach context narrowly the major contribution of this book is to provide an in depth review over a broad range of topics for a computational context no matter its breadth the volume outlines numerous strategies and techniques from world class scientists who have adapted their research to solve different problems with ai in difficult environments and complex domains to address the many computational challenges posed by context context can be clear uncertain or an illusion clear contexts a father praising his child a trip to the post office to buy stamps a policewoman asking for identification uncertain contexts a sneak attack a surprise witness in a courtroom a shout of fire fire contexts as illusion humans fall prey to illusions that machines do not adelson s checkerboard illusion versus a photometer determining context is not easy when disagreement exists interpretations vary or uncertainty reigns physicists like einstein relativity bekenstein holographs and rovelli universe have written that reality is not what we commonly believe even outside of awareness individuals act differently whether alone or in teams can computational context with ai adapt to clear and uncertain contexts to change over time and to individuals machines or robots as well as to teams if a program automatically knows the context that improves performance or decisions does it matter whether context is clear uncertain or illusory written and edited by world class leaders from across the field of autonomous systems research this volume carefully considers the computational systems being constructed to determine context for individual agents or teams the challenges they face and the advances they expect for the science of context

Field-theory

2015

due to inherent limitations in human sensing organs most data collected for various purposes contain uncertainties even at the rare occasions when accurate data are available the truthful predictions derived on the data tend to create chaotic consequences so to effectively process and make sense out of available data we need methods to deal with uncertainty inherently existing inside the data the intent of this monograph is to explore the fundamental theory methods and techniques of practical application of grey systems theory initiated by professor deng julong in 1982 this volume presents most of the recent advances of the theory accomplished by scholars from around the world from studying this book the reader will not only acquire an overall knowledge of this new theory but also be able to follow the most current research activities all examples presented are based on practical applications of the theory when urgent real life problems had to be addressed last but not the least this book concludes with three appendices the first one compares grey systems theory and interval analysis while revealing the fact that interval analysis is a part of grey mathematics the second appendix presents an array of different approaches of studying uncertainties and the last appendix shows how uncertainties appear using general systems approach

Business Communication

1989

educational psychology for learners is the ideal text for programs that recognize the need for undergraduates including first year students to engage in rigorous intellectual discussion based on theory and current research as a means to support students academic growth personal development and integration into the scholarly community in addition to the relevant theory and research there is an emphasis on the concept of intentionality as well as the integration and application of key psychological concepts such as motivation knowledge acquisition and information processing and self regulation

Theory and Application of Modern Strength and Power Methods

2014-05

a new text from an experienced author hirschey adopts a new and unique approach to investments where both theory and practice are studied as a useful guide to a random walk down wall street to show how real world behavior reflects the theory

Partial Differential Equations

2015-03-01

the major theories of personality contain important insights about human nature but they are often unconnected with modern research personality theories and applications bridges the gap between research oriented book and traditional theory books by organizing each chapter around the specific topic that interested each of the major theorists designed for the first course in personality psychology personality theories and applications combines a strong historical perspective with practical applications that largely concern the world of work the authors both well known scholars and prize winning teachers have tried to make the book accessible to the widest range of students possible while retaining the integrity of the original subject matter

Discrete Choice Analysis

1989

the organizational consultant cd attached together with the book provide a managerial toolkit for the business person who wants to make her organization better and also for the student who wants a working knowledge of organizational design for both the organizational consultant guides you through cases or your own organization to analyze the company it contains comments and help which tell you why and directs you to in depth discussion on the concepts applied building intuition about theory through application is the approach

Event History Analysis

2016-07-21

this monograph provides the most recent and up to date developments on fractional differential and fractional integro differential equations involving many different potentially useful operators of fractional calculus the subject of fractional calculus and its applications that is calculus of integrals and derivatives of any arbitrary real or complex order has gained considerable popularity and importance during the past three decades or so due mainly to its demonstrated applications in numerous seemingly diverse and widespread fields of science and engineering some of the areas of present day applications of fractional models include fluid flow solute transport or dynamical processes in self similar and porous structures diffusive transport akin to diffusion material viscoelastic theory electromagnetic theory dynamics of earthquakes control theory of dynamical systems optics and signal processing bio sciences economics geology astrophysics probability and statistics chemical physics and so on in the above mentioned areas there are phenomena with estrange kinetics which have a microscopic complex behaviour and their macroscopic dynamics can not be characterized by classical derivative models the fractional modelling is an emergent tool which use fractional differential equations including derivatives of fractional order that is we can speak about a derivative of order 1 3 or square root of 2 and so on some of such fractional models can have solutions which are non differentiable but continuous functions such as weierstrass type functions such kinds of properties are obviously impossible for the ordinary models what are the useful properties of these fractional operators which help in the modelling of so many anomalous processes from the point of view of the authors and from known experimental results most of the processes associated with complex systems have non local dynamics involving long memory in time and the fractional integral and fractional derivative operators do have some of those characteristics this book is written primarily for the graduate students and researchers in many different disciplines in the mathematical physical engineering and so many others sciences who are interested not only in learning about the various mathematical tools and techniques used in the theory and widespread applications of fractional differential equations but also in further investigations which emerge naturally from or which are motivated substantially by the physical situations modelled mathematically in the book this monograph consists of a total of eight chapters and a very extensive bibliography the main objective of it is to complement the contents of the other books dedicated to the study and the applications of fractional differential equations the aim of the book is to present in a systematic manner results including the existence and uniqueness of solutions for the cauchy type problems involving nonlinear ordinary fractional differential equations explicit solutions of linear differential equations and of the corresponding initial value problems through different methods closed form solutions of ordinary and partial differential equations and a theory of the so called sequential linear fractional differential equations including a generalization of the classical frobenius method and also to include an interesting set of applications of the developed theory key features it is mainly application oriented it contains a complete theory of fractional differential equations it can be used as a postgraduate level textbook in many different disciplines within science and engineering it contains an up to date bibliography it provides problems and directions for further investigations fractional modelling is an emergent tool with demonstrated applications in numerous seemingly diverse and widespread fields of science and engineering it contains many examples and so on

Theory of Groups and Its Application to Physical Problems

1969

Fuzzy Neural Network Theory And Application

2004-06-07

Graph Theory with Applications to Engineering and Computer Science

2017-03-09

現代数理統計学

2020-11

Computational Context

2018-12-07

Grey Systems

2010-12-09

Educational Psychology for Learners

2017-01-09

The Laboratory Method of Changing and Learning

1975

Investments

2001

Social Psychology

1983

Set Theory with Applications

1985

Personality

2003-01-23

Strategic Organizational Diagnosis and Design

1998

Theory And Applications of Fractional Differential Equations

2006

Lean Thinking

2014

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