

Mobile Robotics Mathematics Models And Methods

Models and Methods of Teaching
Analytic Hierarchy Process - Models, Methods, Concepts, and Applications
Models and Methods in Social Network Analysis
XML Data Mining: Models, Methods, and Applications
Computational Neuroscience for Advancing Artificial Intelligence: Models, Methods and Applications
Methods and Models in Mathematical Programming
Remote Sensing
Methods for Model Selection in Applied Science and Engineering
Models and methods
Mathematical and Statistical Models and Methods in Reliability
Modelling Methods for Policy Analysis in Miombo Woodlands
Courses and Degrees
The Official Catalogue of the Exhibits
Boolean Models and Methods in Mathematics, Computer Science, and Engineering
Measurement Error
A Generalized Linear Models Approach to Demand Analysis
Videometrics and Optical Methods for 3D Shape Measurement
A Conceptual Approach to Dynamic Spatial Modeling Using System Dynamics
Rivers
Methods and Models
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analytic hierarchy process is one of the most widely known and applied multi criteria decision making methodologies worldwide its potential to analyze complex decision making problems is enormous this makes the methodology a very flexible tool that can be applied in various scenarios social engineering economic political environmental location market share etc the idea of the book is to present examples and case studies based on a rigorous scientific approach to analytic hierarchy process this book is intended to be a useful resource for anyone who deals with this issue

the widespread use of xml in business and scientific databases has prompted the development of methodologies techniques and systems for effectively managing and analyzing xml data this has increasingly attracted the attention of different research communities including database information retrieval pattern recognition and machine learning from which several proposals have been offered to address problems in xml data management and knowledge discovery xml data mining models methods and applications aims to collect knowledge from experts of database information retrieval machine learning and knowledge management communities in developing models methods and systems for xml data mining this book addresses key issues and challenges in xml data mining offering insights into the various existing solutions and best practices for modeling processing analyzing xml data and for evaluating performance of xml data mining algorithms and systems

this book argues that computational models in behavioral neuroscience must be taken with caution and advocates for the study of mathematical models of existing theories as complementary to neuro psychological models and computational models

this book focuses on mathematical modeling describes the process of constructing and evaluating models discusses the challenges and delicacies of the modeling process and explicitly outlines the required rules and regulations so that the reader will be able to generalize and reuse concepts in other problems by relying on mathematical logic undergraduate and postgraduate students of different academic disciplines would find this book a suitable option preparing them for jobs and research fields requiring modeling techniques furthermore this book can be used as a reference book for experts and practitioners requiring advanced skills of model building in their jobs

this book is a completely updated greatly expanded version of the previously successful volume by the author the second edition includes new results and data and discusses a unified framework and rationale for designing and evaluating image processing algorithms written from the viewpoint that image processing supports remote sensing science this book describes physical models for remote sensing phenomenology and sensors and how they contribute to models for remote sensing data the text then presents image processing techniques and interprets them in terms of these models spectral spatial and geometric models are used to introduce advanced image processing techniques such as hyperspectral image analysis fusion of multisensor images and digital elevation model extraction from stereo imagery the material is suited for graduate level engineering physical and natural science courses or practicing remote sensing scientists each chapter is enhanced by student exercises designed to stimulate an understanding of the material over 300 figures are produced specifically for this book and numerous tables provide a rich bibliography of the research literature

the book is a selection of invited chapters all of which deal with various aspects of mathematical and statistical models and methods in reliability written by renowned experts in the field of reliability the contributions cover a wide range of applications reflecting recent developments in areas such as survival analysis aging lifetime data analysis artificial intelligence medicine carcinogenesis studies nuclear power financial modeling aircraft engineering quality control and transportation mathematical and statistical models and methods in reliability is an excellent reference text for researchers and practitioners in

applied probability and statistics industrial statistics engineering medicine finance transportation the oil and gas industry and artificial intelligence

a collection of papers written by prominent experts that examine a variety of advanced topics related to boolean functions and expressions

accessible to a broad audience this book explains how to model measurement error the effects of ignoring it and how to correct for it more applied than most books on measurement error it describes basic models and methods their use in a range of application areas and the associated terminology résumé de l'éditeur

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