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Markus Hammer



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complex mathematical concepts A separate chapter of fully analyzed applications aptly demonstrates the diverse use of OR The popular commercial and tutorial software AMPL Excel Solver and Tora are used throughout the book to solve practical problems and to test theoretical concepts New materials include Markov chains TSP heuristics new LP models and a totally new simplex based approach to LP sensitivity analysis *Neutrosophic Sets and Systems: An International Book Series in Information Science and Engineering, vol. 24 / 2018* Florentin Smarandache, Mohamed Abdel-Basset, Neutrosophic Sets and Systems has been created for publications on advanced studies in neutrosophy neutrosophic set neutrosophic logic neutrosophic probability neutrosophic statistics that started in 1995 and their applications in any field such as the neutrosophic structures developed in algebra geometry topology etc Cause and Effect Business Analytics and Data Science Dominique Haughton, Jonathan Haughton, Victor S. Y. Lo, 2025-07-15 Among the most important questions that businesses ask are some very simple ones If I decide to do something will it work And if so how large are the effects To answer these predictive questions and later base decisions on them we need to establish causal relationships Establishing and measuring causality can be difficult This book explains the most useful techniques for discerning causality and illustrates the principles with numerous examples from business It discusses randomized experiments aka A B testing and techniques such as propensity score matching synthetic controls double differences and instrumental variables There is a chapter on the powerful AI approach of Directed Acyclic Graphs aka Bayesian Networks another on structural equation models and one on time series techniques including Granger causality At the heart of the book are four chapters on uplift modeling where the goal is to help firms determine how best to deploy their resources for marketing or other interventions We start by modeling uplift discuss the test and learn process and provide an overview of the prescriptive analytics of uplift The book is written in an accessible style and will be of interest to data analysts and strategists in business to students and instructors of business and analytics who have a solid foundation in statistics and to data scientists who recognize the need to take seriously the need for causality as an essential input into effective decision making **Harvard Business School Core Collection** Baker Library, 1993 □□□□, 1980 *Programação Linear* João M. S. Carvalho, 2014-09-01 A Programa o Linear numa abordagem pedag gica mais pr xima das necessidades dos alunos O uso de programas inform ticos para a resolu o de problemas com muitas vari veis imprescind vel Contudo os utilizadores t m de compreender o que est em causa como modelizar os problemas como interpretar os resultados que an lises se podem fazer depois de atingirmos uma otimizao A Programa o Linear permite resolver problemas nas reas da Gest o de Produ o da Log stica das Finan as do Marketing etc Este livro com muitos exemplos e exerc cios ajuda a formatar os racioc nios que est o na base do equacionamento matem tico de problemas dos mais variados tipos facilitando e conferindo uma base cient fica tomada de decis es P blico Alvo Para alunos e professores de Investiga o Operacional e para gestores e empres rios com necessidade de resolver problemas em que a Programa o Linear seja aplic vel Estrutura da obra Introdu o Programa o Linear Modelo de Transporte Modelo de Afeta o Exerc cios Solu

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