

# Free epub Disastrous decisions the human and organisational causes of the gulf of mexico blowout [PDF]

Human Decisions in Complex Systems Human Judgment and Decision Processes in Applied Settings Human Decisions in Complex Systems Human Decisions in Complex Systems Process and Structure in Human Decision Making How You Decide Human Judgment and Decision Making Time Pressure and Stress in Human Judgment and Decision Making Decision Order and Time in Human Affairs Utility, Probability, and Human Decision Making The Mind within the Brain The Human Decision System The Structure of Human Decisions Thinking and Reasoning in Human Decision Making Decision Science: A Human-Oriented Perspective Judgment and Choice The Power of Decision Encyclopedia of Decision Making and Decision Support Technologies Individual and Group Decision Making Complex Operational Decision Making in Networked Systems of Humans and Machines The Importance of Small Decisions Bounded Rationality in Decision Making Under Uncertainty: Towards Optimal Granularity Predicting Human Decision-Making Collective Decision Making Term Expectation and Uncertainty in Human Decision Behavior Vietnam, the Definitive Documentation of Human Decisions Linking Expertise and Naturalistic Decision Making Judgement and Choice The Psychology of Decision Making The Business of Choice The Art of Strategic Decision-Making Rational Decisions in Organisations Wharton on Making Decisions Decisions Over Decimals Decision-Making Experiments under a Philosophical Analysis: Human Choice as a Challenge for Neuroscience Decisions, Values and Groups Judgments, Decisions, and Public Policy Collective Decisions: Theory, Algorithms And Decision Support Systems Measuring intrinsic quality of human decisions

## ***Human Decisions in Complex Systems***

1961

human judgment and decision processes in applied settings is the second to two volumes that attempt to define the areas of progress in the understanding of human decision making processes the first volume human judgment and decision processes academic press 1975 was concerned with formal and mathematical approaches to the problems of judgment and decision making the major theoretical orientations information integration theory signal detection theory portfolio theory and multiattribute utility measurement were presented and their rationales discussed the present volume is concerned with the application of these theories and the various techniques derived from them to the problems of decision making in the everyday world the chapters reflect the many modifications and adjustments that must be made to mathematical rules in order to apply decision theory models in the real world the tools described serve a broad variety of interests those of the urban health or social planner the organizational manager the researcher the educator and in fact all of those who must weight evidence to reach decisions planner manager researcher teacher policymaker all will find assistance in overcoming the commonly encountered roadblocks when one must choose between alternatives in what remains an uncertain world

## **Human Judgment and Decision Processes in Applied Settings**

2013-10-22

additional editor is nat halebsky contributing authors include john e mangelsdorf marvin adelson wilson p tanner jr and many others

## ***Human Decisions in Complex Systems***

1961

the current volume makes an important contribution to an underexplored field by integrating research into the effects of stress associated with time constraints on individual judgment unique and comprehensive the book reviews knowledge from a variety of disciplines critically examines the theories methodologies and data of time pressure research and suggests priorities for future research

## **Human Decisions in Complex Systems**

2012-04-01

this second edition examines how one makes a decision and the factors that influence that decision

## **Process and Structure in Human Decision Making**

1989-01-01

human decision making involves problems which are being studied with increasing interest and sophistication they range from controversial political decisions via individual consumer decisions to such simple tasks as signal discriminations although it would seem that decisions have to do with choices among available actions of any kind there is general agreement that decision making research should pertain to choice problems which cannot be solved without a predecisional stage of finding choice alternatives weighing evidence and judging values the ultimate objective of scientific research on decision making is two fold a to develop a theoretically sound technology for the optimal solution of decision problems and b to formulate a descriptive theory of human decision making the latter may in turn protect decision makers from being caught in the traps of their own limitations and biases recently in decision making research the strong emphasis on well defined laboratory tasks is decreasing in favour of more realistic studies in various practical settings this may well have been caused by a growing awareness of the fact that decision behaviour is strongly determined by situational factors which makes it necessary to look into processes of interaction between the decision maker and the relevant task environment almost inevitably there is a parallel shift of interest towards problems of utility measurement and the evaluation of consequences

## **How You Decide**

2016-08-19

in the mind within the brain david redish brings together cutting edge research in psychology robotics economics neuroscience and the new fields of neuroeconomics and computational psychiatry to offer a unified theory of human decision making most importantly redish shows how vulnerabilities or failure modes in the decision making system can lead to serious dysfunctions such as irrational behavior addictions problem gambling and ptsd told with verve and humor in an easily readable style redish makes these difficult concepts understandable ranging widely from the surprising roles of emotion habit and narrative in decision making to the larger philosophical questions of how mind and brain are related what makes us human the nature of morality free will and the conundrum of robotics and consciousness the mind within the brain offers fresh insight into one of the most complex aspects of human behavior

## ***Human Judgment and Decision Making***

1980

the human decision system tm introducing decision biology and the origin and evolution of biological decision systems decision biology connects the scientific results of darwin and thirteen nobel prize laureates to the same original pattern the biological decision system the book is written in a language accessible to everyone who is curious and wants to understand the fundamental principles behind the decisions that govern life as it unfolds within the species a biological decision system manages the way in which individual organisms decide what to do now by maximizing the value of available information to avoid chance events from the environment biological decision systems have evolved from their origin in the first single cell organisms to their ultimate level of sophistication in homo sapiens the discovery of the biological decision system leads to a new scientific discipline decision biology which is introduced and explained in this book decision biology embraces key platforms in many scientific disciplines biology neuroscience psychiatry psychology economics and many more and integrates them on a shared foundation the biological decision system opening many new scientific opportunities the achievements of outstanding scientists through the ages including 13 nobel prize laureates are joined together in the cohesive framework finn gilling has identified and articulated vagn kirkeskov editor

## **Time Pressure and Stress in Human Judgment and Decision Making**

1993-11-30

management development guide on methodology of decision making covers operational research cybernetics recognition of the type of problem methods of approach the structure and analysis of decisions etc and includes practice problems diagrams and bibliography pp 173 and 174

## **Decision Order and Time in Human Affairs**

2010-06-24

this book offers a new perspective on human decision making by comparing the established methods in decision science with innovative modelling at the level of neurons and neural interactions the book presents a new generation of computer models which can predict with astonishing accuracy individual economic choices when people make them by quick intuition rather than by effort a vision for a new kind of social science is outlined whereby neural models of emotion and cognition capture the dynamics of socioeconomic systems and virtual social networks the exposition is approachable by experts as well as by advanced students the author is an associate professor of decision science with a doctorate in computational neuroscience and a former software consultant to banks in the city of london

# Utility, Probability, and Human Decision Making

1975-12-31

despite the many formal methods available most decisions are made intuitively that is without apparent reasoning and almost instinctively this revised and updated edition emphasizes the unstructured and natural way people make judgements and exercise choice which accounts for almost all real decision making activity but argues that intuition can be both studied and educated the book is quite different from standard texts on decision making methodology and standard decisions theory in that it is written from the point of view of a psychologist who recognizes that almost all decisions are based on anticipations people make about the future predictive judgements which lead to choices or decisions largely based on intuition written in a clear and non technical way it deals with the basis of intuitive judgement demonstrates the limitations on the human ability to make judgements and suggests the means of overcoming potential shortcomings at the same time it stresses the importance of learning the limits to one s judgmental ability the purpose of this book is to help people make better decisions in a world of increasing uncertainty and complexity judgement and choice will be of great value to all decision makers in commerce government service medicine or any other professional activity contents preface the nature of human judgement randomness and the probabilistic environment combining information for prediction combining information for evaluation and choice choice under uncertainty on learning relations the role of memory in judgement creativity imagination and choice problem structuring and decision aids human judgement an overview appendices index reviews of the first edition i believe that professor hogarth s book will prove to be of historical importance in the development of the field of human judgement r m corbin journal of forecasting vol 1 1982 hogarth has given us a clear integrated treatment of the major issues in the field and has managed to convey both the excitement of the work itself and the direct practical implications of the findings terry connolly asq june 1982

## ***The Mind within the Brain***

2013-06-19

this book inspires the reader in so many ways that encourage personal development and growth the author used biblical social economic and environmental perspectives to explain the inseparable nature of decision and destiny this book contains the simple methods one can use and achieve his destiny in brighter ways it stands as a correction tool we can use to amend our lives and the decisions we make on daily basis the author tells how our destinies lie in our hands which in turn shows that each of us is in control of your destiny this book inspires and advises the reader not to blame anyone when he or she fails in anything he or she does in life this is an awaiting piece that this generation hungers to read it has norms for good living and rules for attainment of goals

## **The Human Decision System**

2016-11-01

as effective organizational decision making is a major factor in a company's success a comprehensive account of current available research on the core concepts of the decision support agenda is in high demand by academicians and professionals through 110 authoritative contributions by over 160 of the world's leading experts the encyclopedia of decision making and decision support technologies presents a critical mass of research on the most up to date research on human and computer support of managerial decision making including discussion on support of operational tactical and strategic decisions human vs computer system support structure individual and group decision making and multi criteria decision making

## ***The Structure of Human Decisions***

1967

first published in 1993 routledge is an imprint of taylor francis an informa company

## ***Thinking and Reasoning in Human Decision Making***

2007

complex operational decision making in networked systems of humans and machines explores the possibilities for better decision making through collaboration between humans and computers this study is situated around the essence of decision making the vast amounts of data that have become available as the basis for complex decision making and the nature of collaboration that is possible between humans and machines in the process of making complex decisions this report discusses the research goals and relevant milestones in several enabling subfields as they relate to enhanced human machine collaboration for complex decision making the relevant impediments and systems integration challenges that are preventing technological breakthroughs in these subfields and a sense of the research that is occurring in university government and industrial labs outside of the united states and the implications of this research for u s policy the development of human machine collaboration for complex decision making is still in its infancy relative to where cross disciplinary research could take it over the next generation publisher's description

# Decision Science: A Human-Oriented Perspective

2015

how people make decisions in an era of too much information and fake news humans originally evolved in a world of few choices prehistoric preindustrial and predigital eras required fewer decisions than today's all access always on world of too much information economists have largely discarded the idea that agents act rationally and the market follows suit it seems that no matter how small or innocuous a decision might seem there's almost no way to guess the effect it might have the authors of the importance of small decisions view decisions and their outcomes from a different perspective as key elements in the evolution of culture in this trailblazing book they examine different kinds of decisions and map the outcomes both short and long term drawing on this they introduce a map of social behavior that captures the essential elements of human decision making the authors look at the new england patriots decision in 2000 to draft an underachieving college quarterback named tom brady they consider warren buffett's investment strategy and they chart the dancing landscape of a college applicant's decision making environment finally they show that decisions can be ranked according to transparency of choice and social influence when fake news seems indistinguishable from real news and when the internet offers a cacophony of voices they warn we can't afford to crowdsource our decisions

## Judgment and Choice

1991-01-08

this book addresses an intriguing question are our decisions rational it explains seemingly irrational human decision making behavior by taking into account our limited ability to process information it also shows with several examples that optimization under granularity restriction leads to observed human decision making drawing on the nobel prize winning studies by kahneman and tversky researchers have found many examples of seemingly irrational decisions e.g. we overestimate the probability of rare events our explanation is that since human abilities to process information are limited we operate not with the exact values of relevant quantities but with granules that contain these values we show that optimization under such granularity indeed leads to observed human behavior in particular for the first time we explain the mysterious empirical dependence of betting odds on actual probabilities this book can be recommended to all students interested in human decision making to researchers whose work involves human decisions and to practitioners who design and employ systems involving human decision making so that they can better utilize our ability to make decisions under uncertainty

# **The Power of Decision**

2018-04

human decision making often transcends our formal models of rationality designing intelligent agents that interact proficiently with people necessitates the modeling of human behavior and the prediction of their decisions in this book we explore the task of automatically predicting human decision making and its use in designing intelligent human aware automated computer systems of varying natures from purely conflicting interaction settings e g security and games to fully cooperative interaction settings e g autonomous driving and personal robotic assistants we explore the techniques algorithms and empirical methodologies for meeting the challenges that arise from the above tasks and illustrate major benefits from the use of these computational solutions in real world application domains such as security negotiations argumentative interactions voting systems autonomous driving and games the book presents both the traditional and classical methods as well as the most recent and cutting edge advances providing the reader with a panorama of the challenges and solutions in predicting human decision making

# **Encyclopedia of Decision Making and Decision Support Technologies**

2008-04-30

this book provides an economic approach to the study of collective decision making in social choice theory the main problem of collective decision making is normally conceived of as one of aggregating diverse individual preferences however in practice objectives are often common to the individuals whether for instance in the firm or where a medical diagnosis is required but the information available to each individual and their ability to utilise that information optimally differ the authors therefore deal with a different problem of decisional skills aggregation assuming homogeneous preferences but differing decisional skills and develop a framework for the study of collective decision making they examine the effect of the size of the decision making body incomplete information on decisional skills interdependence among decisions shadow prices of decision rules and of decision making costs and benefits on optimal group decision making the model is then illustrated in a range of different fields including industrial organisation labour economics and in the design of consulting schemes medical diagnostic systems and corporate law

# **Individual and Group Decision Making**

1993

like the resistable rise of adolf hitler there was nothing inevitable about our engagement in a war in vietnam in a wrong place at a wrong time for this war to happen this costliest and most protracted of all our wars hundreds of crucial decisions had to be made eisenhower decided not to be a signatory



to the geneva peace conference of 1954 kennedy decided to send troops congress on the basis of information which later proved to be false hastily passed the tonkin gulf authorization when you read and study vietnam the definitive documentation of human decisions you will be amazed at the amount of manpower brain power imagination personal involvement and adventurousness of the decision makers that had to underlay all the documents presented in this book one cannot study the roots of the vietnam war nor the course of events once we were committed to it without having at hand this massive work which documents it all jacket flap

## **Complex Operational Decision Making in Networked Systems of Humans and Machines**

2014

this book contains selected papers presented at the 1998 conference on naturalistic decision making ndm the objectives of the conference were to make american researchers more aware of ndm research being conducted abroad particularly in europe connect ndm research with work in management and industry to stretch beyond the military and paramilitary focus and formulate a more explicit connection between ndm and expertise these objectives are reflected in the chapters of this volume

## **The Importance of Small Decisions**

2019-03-12

this comprehensive work provides many insights as to how decisions are made acknowledging the fact that most decisions are made intuitively the author shows how intuition itself can be studied and educated

## **Bounded Rationality in Decision Making Under Uncertainty: Towards Optimal Granularity**

2018-08-18

the psychology of decision making provides an overview of decision making as it relates to management organizational behavior issues and research this engaging book examines the way individuals make decisions as well as how they form judgments privately and in the context of the organization it also discusses the interplay of group and institutional dynamics and their effects upon the decisions made within and on the behalf of organizations

## **Predicting Human Decision-Making**

2018-01-22

in this 2nd edition of the business of choice expert author and consultant matthew willcox explores the science of influencing choice bringing together the work of thousands of behavioral scientists and practitioners cutting to the heart of the science willcox helps you apply this to your own marketing and brand strategies

## **Collective Decision Making**

1985-11-28

overwhelmed and paralyzed by your choices learn how to get it right the first time improve your analysis judgment and intuition unfortunately you can't just rely on your gut instinct or hunch when you make decisions there's a science to improving your critical thinking weighing pros and cons and avoiding the traps that take you down the wrong path make smart decisions by catching your brain's built-in flaws the art of strategic decision making will teach you to seize control of your life and make sure your decisions aren't making you this book cites years of research and scientific studies about what constitutes a great decision and the factors that will inevitably lead you there it is an in-depth look at human nature and psychology and why we make decisions in the way we do for better or for worse this book is packed with theory but it is all practical and actionable use these mental models and pieces of analysis on your decisions today think more quickly and more thoroughly at the same time peter hollins has studied psychology and the human condition for over a dozen years this book contains tactics pulled from his personal experience as well as some of the most famous studies in decision theory and social psychology to help you make snap decisions beat analysis paralysis and eliminate indecision learn your subconscious motivations needs and desires that hijack your brain discover the surprising causes and cures for decision fatigue over 10 of the most dangerous cognitive biases and decision traps how to make your pros and cons lists incredibly useful and illuminating the 6 hats method of intelligent decisions and how you can inhabit different perspectives the wrap method of planning for failure in decisions how to think outside the box and creatively solve problems

## ***Term Expectation and Uncertainty in Human Decision Behavior***

1964

managers in organisations must make rational decisions rational decision making is the opposite of intuitive decision making it is a strict procedure utilising objective knowledge and logic it involves identifying the problem to solve gathering facts identifying options and outcomes analysing them

considering all the relationships and selecting the decision rational decision making requires support methods and software tools the identification of the problem to solve needs methods that would measure and evaluate the current situation identification and evaluation of options and analysis of the available possibilities involves analysis and optimisation methods incorporating intuition into rational decision making needs adequate methods that would translate ideas or observed behaviours into hard data communication observation and opinions recording is hardly possible today without adequate software information and data that form the input intermediate variables and the output must be stored managed and made accessible in a user friendly manner rational decisions in organisations theoretical and practical aspects presents selected recent developments in the support of the widely understood rational decision making in organisations illustrated through case studies the book shows not only the variety of perspectives involved in decision making but also the variety of domains where rational decision support systems are needed the case studies present decision making by medical doctors students and managers of various universities it project teams construction companies banks and small and large manufacturing companies covering the richness of relationships in which the decisions should and must be taken the book illustrates how modern organisations operate in chains and networks they have multiple responsibilities including social legal business and ethical duties nowadays managers in organisations can make transparent decisions and consider a multitude of stakeholders and their diverse features incorporating diverse criteria using multiple types and drivers of information and decision making patterns and referring to numerous lessons learned as the book makes clear the marriage of theoretical ideas with the possibilities offered by technology can make the decisions in organisations more rational and at the same time more human

## ***Vietnam, the Definitive Documentation of Human Decisions***

1979

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## **Linking Expertise and Naturalistic Decision Making**

2001-07-01

perspectives from leaders in decision science at wharton organized in part through wharton s risk management and decision processes center the book assembles leading researchers from wharton s business faculty who demonstrate how to apply the latest approaches in decision making from four perspectives personal managerial negotiator and consumer each chapter describes how decisions are actually made presents the ideal scenario and then provides practical suggestions for improvement the subjects range from when consumers will choose variety integrating intuition into decisions and applying game theory and strategic decisions to decision factors in negotiations and how choices are made about insurance and health care

## ***Judgement and Choice***

1987

become a confident leader and use data experience and intuition to drive your decisions agile decision making is imperative as you lead in a data driven world amid streams of data and countless meetings we make hasty decisions slow decisions and often no decisions uniquely bridging theory and practice decisions over decimals breaks this pattern by uniting data intelligence with human judgment to get to action a sharp approach the authors refer to as quantitative intuition qi qi raises the power of thinking beyond big data without neglecting it and chasing the perfect decision while appreciating that such a thing can never really exist successful decision makers are fierce interrogators they square critical thinking with open mindedness by blending information intuition and experience balancing these elements is at the heart of decisions over decimals this book is not only designed to be read but frequently referenced as you face innumerable decision moments it is the hands on manual for confident accurate decision making you've been looking for the rare resource that provides a set of pragmatic leadership tools to accelerate effectively framing the problem for stakeholders synthesizing intelligence from incomplete information delivering decisions that stick strike the right balance between information and intuition and lead the smarter way with the real world guidance found in decisions over decimals

## **The Psychology of Decision Making**

2005-01-05

this introduction just aims to be a fast foreword to the special topic now turned into an e book the editorial decision making experiments under a philosophical analysis human choice as a challenge for neuroscience alongside with my opinion article neurophilosophical considerations on decision making pushing up the frontiers without disregarding their foundations play the real role of considering in more details the articles and the whole purpose of this e book what i must highlight in this foreword is that our intention with such a project was to deepen into the very foundations of our current paradigms in decision neuroscience and to philosophically moot its foundations and repercussions normal science a term coined by philosopher thomas kuhn works under a research consensus among a scientific community a shared paradigm consolidated methods widespread convictions pragmatically winning formulas must be kept although not at any cost what differentiates a gifted and revolutionary scientist from a more bureaucratic colleague is the capacity and willingness of constantly reevaluating depurating and refining his her own paradigm that is best strategy to avoid that a paradigm itself would gradually come under challenge in my view some achievements in this sense were brought about in our project the e book will be inspiring and informative for both neuroscientists that are concerned with the very foundations of their works and for philosophers that are not blind to empirical evidence kant once said thoughts without content are empty intuitions without concepts are blind paraphrasing kant we could say philosophy without science is empty science without philosophy is blind

## ***The Business of Choice***

2020-09-28

decisions values and groups volume 1 contains the proceedings of the first interdisciplinary conference of the behavioral sciences division of the air force office of scientific research held at the university of new mexico in 1957 the papers explore the roles of decisions values and groups in the behavioral sciences and cover topics ranging from the use of mathematical models in decision making to the contribution of the laboratory to the study of individual differences theoretical contributions to small group research are also discussed this book is comprised of 22 chapters and begins with an overview of the merging of mathematical and statistical techniques with the empirical method in the study of behavior as well as the place of decisions values and groups in behavioral science research the reader is then introduced to the applications of mathematical models to decision processes with particular reference to the automation of decision making the following chapters focus on conceptualizations and designs for research in values and evaluative processes theoretical aspects of small group research and psychodynamic patterns of behavior and special problems in the military a non introspective approach to the study of human motivation is described this volume will be of interest to behavioral scientists and social scientists

## **The Art of Strategic Decision-Making**

2021-05-25

when people make judgments and choices especially when faced with uncertainty they behave in a manner that seems complex and irrational cognitive psychologists have identified and organized these patterns of behavior into a descriptively accurate model of human judgments and choices called behavioral decision theory incorporating this theory s insights in public policy analysis will enhance our ability to design better policies and enable us to understand the limits of effective regulation

## **Rational Decisions in Organisations**

2022-05-30

this book is a token of appreciation for professor gregory e kersten 1949 2020 one of the most prominent and active researchers and scholars in the broadly perceived field of collective decisions notably negotiations the author of numerous influential papers books and edited volumes a great scientist mentor and a loyal friend and colleague this book contains some papers in the fields of group and collective decisions voting social choice negotiations and related topics with examples of real applications the authors are top researchers and scholars from all over the world whose life and academic career has been inspired and influenced by professor kersten

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2017-10-25

## **Wharton on Making Decisions**

2004-08-20

## **Decisions Over Decimals**

2022-10-04

## **Decision-Making Experiments under a Philosophical Analysis: Human Choice as a Challenge for Neuroscience**

2015-10-15

## **Decisions, Values and Groups**

2013-10-22

## ***Judgments, Decisions, and Public Policy***

2011-02-17

# ***Collective Decisions: Theory, Algorithms And Decision Support Systems***

2021-10-13

## **Measuring intrinsic quality of human decisions**

2016

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