Introduction To Management Science Taylor

Nursing is typically understood, and understands itself, as a care-giving occupation. It is through its relationships with patients - Whether these are absent, present, good, bad or indifferent - that modern day nursing is defined. Yet nursing work extends far beyond direct patient care activities. Across the spectrum of locales in which they are employed, nurses, in numerous ways, support and sustain the delivery and organisation of health services. In recent history, however, this wider work has generally been regarded as at best an adjunct to the core nursing function, and at worse responsible for taking nurses away from their 'real work' with patients. Beyond its identity as the 'other' to care-giving, little is known about this element of nursing practice. Drawing on extensive observational research of the everyday work in a UK hospital, and insights from practice-based approaches and actor network theory, the aim of this book is to lay the empirical and theoretical foundations for a reappraisal of the nursing contribution to society by shining a light on this invisible aspect of nurses' work. Nurses, it is argued, can be understood as focal actors in health systems and through myriad processes of 'translational mobilisation' sustain the networks through which care is organised. Not only is this work an essential driver of action, it also operates as a powerful countervailing force to the centrifugal tendencies inherent in healthcare organisations which, for all their gloss of order and rationality, are in reality very loose arrangements. The Invisible Work of Nurses will be interest to academics and students across a number of fields, including nursing, medical sociology, organisational studies, health management, science and technology studies, and improvement science.
Introduction to Management Science with SpreadsheetsIrwin Professional Pub
Due to its societal and economic relevance, Project Management (PM) has become an important discipline and a concept critical to modern organizations, public and private. PM as an academic discipline is discussed both in Management Science and in Operations Research. Management Science tends to focus on quantitative tools and the soft skills necessary to manage projects successfully. Operations Research gives the essential scientific contribution to the success of project management through the development of models and algorithms. In Management Science, Operations Research and Project Management, José Ramón San Cristóbal Mateo fills the gap between scientific research and the practical application of that research. Project managers need formal training in decision-making but sometimes, they do not have an in-depth knowledge of Operations Research or they lack the necessary theoretical background. This book, with its focus on the quantitative models of Operations Research and Management Science applied to Project Management, provides project managers with the tools and methods necessary to manage projects successfully. Project managers operate in a complex global environment, in which numerous factors need to be considered, such as minimizing total project costs, meeting contracted dates, and ensuring that activities achieve certain quality levels. The focus here on the application of quantitative models of Operations Research and Management Science applied to Project Management provides them with the tools and methods necessary to make sound decisions.
With growing demands for increased operational efficiency and process improvement in organizations of all sizes, more and more companies are turning to benchmarking as a means of setting goals and measuring performance against the products, services and practices of other organizations that are recognized as leaders. The Benchmarking Book is an indispensable guide to process improvement through benchmarking, providing managers, practitioners and consultants with all the information needed to carry out effective benchmarking studies. Covering everything from essential theory to important considerations such as project management and legal issues, The Benchmarking Book is the ideal step-by-step guide to assessing and improving your company's processes and performance through benchmarking.
Best Practice
Introduction to Management Science, Global Edition
Introduction to Crowd Science

Introduction to Management Science with Spreadsheets. Bill Stevenson, Ceyhun Ozgur
The Invisible Work of Nurses
This best-selling introduction to the techniques and applications of management science is designed to make the subject easy to understand, interesting, and accessible for readers with limited mathematical background or skills. The book focuses on management science not only as a collection of techniques and processes, but as a philosophy and method for approaching problems in a logical manner.KEY TOPICS: Following a Òbegin-from-the-basicsÓ approach for all topics, this book provides comprehensive coverage and flexible organization but does not assume an understanding of the mathematical underpinnings of any topic on the part of the reader. Each short, easy-to-read chapter centers around simple, straightforward examples that demonstrate the fundamentals of the techniques and provide specific solution steps that can be applied to other situations. Demonstrates how management science techniques can improve efficiency and save money. It also interweaves computer usage throughout every chapter. The sixth edition of Introduction to Management Science has been revised to reflect the most up-to-date practices and techniques. It now includes a revised discussion on the modeling process and new discussions the Analytical Hierarchy Procedure (AHP) and Multiple Regression. It also includes Excel Spreadsheet Solutions, including Excel QM, Crystal Ball software, and TreePlan software. An essential reference book for every professional manager.ý
Biosecurity is the assessment and management of potentially dangerous infectious diseases, quarantined pests, invasive (alien) species, living modified organisms, and biological weapons. It is a holistic concept of direct relevance to the sustainability of agriculture, food safety, and the protection of human populations (including bio-terrorism), the environment, and biodiversity. Biosecurity is a relatively new concept that has become increasingly prevalent in academic, policy and media circles, and needs a more comprehensive and inter-disciplinary approach to take into account mobility, globalisation and climate change. In this introductory volume, biosecurity is presented as a governance approach to a set of concerns that span the protection of indigenous biological organisms, agricultural systems and human health, from invasive pests and diseases. It describes the ways in which biosecurity is understood and theorized in different subject disciplines, including anthropology, political theory, ecology, geography and environmental management. It examines the different scientific and knowledge practices connected to biosecurity governance, including legal regimes, ecology, risk management and alternative knowledges. The geopolitics of biosecurity is considered in terms of health, biopolitics and trade governance at the global scale. Finally, biosecurity as an approach to actively secure the future is assessed in the context of future risk and uncertainties, such as globalization and climate change.
An introduction to the field of applied ontology with examples derived particularly from biomedicine, covering theoretical components, design practices, and practical applications. In the era of "big data," science is increasingly information driven, and the potential for computers to store, manage, and integrate massive amounts of data has given rise to such new disciplinary fields as biomedical informatics. Applied ontology offers a strategy for the organization of scientific information in computer-tractable form, drawing on concepts not only from computer and information science but also from linguistics, logic, and philosophy. This book provides an introduction to the field of applied ontology that is of particular relevance to biomedicine, covering theoretical components of ontologies, best practices for ontology design, and examples of biomedical ontologies in use. After defining an ontology as a representation of the types of entities in a given domain, the book distinguishes between different kinds of ontologies and taxonomies, and shows how applied ontology draws on more traditional ideas from metaphysics. It presents the core features of the Basic Formal Ontology (BFO), now used by over one hundred ontology projects around the world, and offers examples of domain ontologies that utilize BFO. The book also describes Web Ontology Language (OWL), a common framework for Semantic Web technologies. Throughout, the book provides concrete recommendations for the design and construction of domain ontologies.
Essay from the year 2011 in the subject Business economics - Business Management, Corporate Governance, grade: 1,0, London School of Economics, language: English, abstract: In order to critically assess the contribution of Taylor's theories to management science a three step approach is necessary. First, the theoretical work of Taylor is analyzed in order to clearly separate objectives, assumptions and tools. Second, the structural contributions of Taylor and his work are presented and reviewed critically. Lastly, the functional impact of management science is assessed.
How the Rise of Artificial Intelligence Will Change Your World
Critical Evaluations in Business and Management
An Introduction to Animal Science
Introduction to Management Science
Operations Management
Along the Supply Chain
A comprehensive political and design theory of planetary-scale computation proposing that The Stack—an accidental megastructure—is both a technological apparatus and a model for a new geopolitical architecture. What has planetary-scale computation done to our geopolitical realities? It takes different forms at different scales—from energy and mineral sourcing and subterranean cloud infrastructure to urban software and massive universal addressing systems; from interfaces drawn by the augmentation of the hand and eye to users identified by self—quantification and the arrival of legions of sensors, algorithms, and robots. Together, how do these distort and deform modern political geographies and produce new territories in their own image? In The Stack, Benjamin Bratton proposes that these different genres of computation—smart grids, cloud platforms, mobile apps, smart cities, the Internet of Things, automation—can be seen not as so many species evolving on their own, but as forming a coherent whole: an accidental megastructure called The Stack that is both a computational apparatus and a new governing architecture. We are inside The Stack and it is inside of us. In an account that is both theoretical and technical, drawing on political philosophy, architectural theory, and software studies, Bratton explores six layers of The Stack: Earth, Cloud, City, Address, Interface, User. Each is mapped on its own terms and understood as a component within the larger whole built from hard and soft systems intermingling—not only computational forms but also social, human, and physical forces. This model, informed by the logic of the multilayered structure of protocol "stacks," in which network technologies operate within a modular and vertical order, offers a comprehensive image of our emerging infrastructure and a platform for its ongoing reinvention. The Stack is an interdisciplinary design brief for a new geopolitics that works with and for planetary-scale computation. Interweaving the continental, urban, and perceptual scales, it shows how we can better build, dwell within, communicate with, and govern our worlds. thestack.org
This text combines the market leading writing and presentation skills of Bill Stevenson with integrated, thorough, Excel modeling from Ceyhun Ozgur. Professor Ozgur teaches Management Science, Operations, and Statistics using Excel, at the undergrad and MBA levels at Valparaiso University --and Ozgur developed and tested all examples, problems and cases with his students. The authors have written this text for students who have no significant mathematics training and only the most elementary experience with Excel.
Introduction to Management Science, Global Edition.
Maurice Merleau-Ponty (1908-1961) is one of the most important philosophers of the Twentieth century. His theories of perception and the role of the body have had an enormous impact on the humanities and social sciences, yet the full scope of his contribution not only to phenomenology but philosophy generally is only now becoming clear. In this lucid and comprehensive introduction, Taylor Carman explains and assesses the full range of Merleau-Ponty's philosophy. Beginning with an overview of Merleau-Ponty's life and work, subsequent chapters cover fundamental aspects of Merleau-Ponty's thought, including his philosophy of perception and intentionality; the role of the body in relation to perception; philosophy of history and culture; and his writings on art and aesthetics, particularly the work of Cezanne. A final chapter considers Merleau-Ponty's importance today, examining his philosophy in light of recent developments in philosophy of mind and cognitive science. Merleau-Ponty is essential reading for students of phenomenology, existentialism and Twentieth century philosophy. It is also ideal for anyone in the humanities and social sciences seeking an introduction to his work.
The Stack
Dietary Reference Intakes for Calcium and Vitamin D
Building Ontologies with Basic Formal Ontology
Study Guide with Selected Text Solution for Taylor Introduction to Management Science
Frank and Lillian Gilbreth
The Benchmarking Book
This insightful Advanced Introduction explores the key attributes of cities, identifying their five basic characteristics; innate complexity, the agglomeration of activities, inter-city connectivities, the projection of power, and relations to states. Peter J. Taylor gives a broad and engaging overview of how these characteristics work and relate to each other, supplemented by ten short city insights which offer readers specific examples of cities and themes.
Calcium and vitamin D are essential nutrients for the human body. Establishing the levels of these nutrients that are needed by the North American population is based on the understanding of the health outcomes that calcium and vitamin D affect. It is also important to establish how much of each nutrient may be "too much." Dietary Reference Intakes for Calcium and Vitamin D provides reference intake values for these two nutrients. The report updates the DRI values defined in Dietary Reference Intakes for Calcium, Phosphorus, Magnesium, Vitamin D, and Fluoride, the 1997 study from the Institute of Medicine. This 2011 book provides background information on the biological functions of each nutrient, reviews health outcomes that are associated with the intake of calcium and vitamin D, and specifies Estimated Average Requirements and Recommended Dietary Allowances for both. It also identifies Tolerable Upper Intake Levels, which are levels above wish the risk for harm may increase. The book includes an overview of current dietary intake in the U.S. and Canada, and discusses implications of the study. A final chapter provides research recommendations. The DRIs established in this book incorporate current scientific evidence about the roles of vitamin D and calcium in human health and will serve as a valuable guide for a range of stakeholders including dietitians and other health professionals, those who set national nutrition policy, researchers, the food industry, and private and public health organizations and partnerships.
Known for its comprehensive approach, this text shows operations managers how to analyse processes, ensure quality, create value, and manage the flow of information, products and services. The seventh edition offers an extensive collection of exercises and solved problems to reinforce key concepts. An increased emphasis is placed on supply chain management and services. New information is presented on the environment and green management, and technology type OM topics as it applies to production, control, the supply chain, and global operations. All chapter opening cases and in-text example boxes have also been revised or replaced. This new content better prepares operations managers for the issues they ll experience in the field.
An introduction to Stochastic Modeling provides information pertinent to the standard concepts and methods of stochastic modeling. This book presents the rich diversity of applications of stochastic processes in the sciences. Organized into nine chapters, this book begins with an overview of diverse types of stochastic models, which predicts a set of possible outcomes weighed by their likelihoods or probabilities. This text then provides exercises in the applications of simple stochastic analysis to appropriate problems. Other chapters consider the study of general functions of independent, identically distributed, nonnegative random variables representing the successive intervals between renewals. This book discusses as well the numerous examples of Markov branching processes that arise naturally in various scientific disciplines. The final chapter deals with queueing models, which aid the design process by predicting system performance. This book is a valuable resource for students of engineering and management science. Engineers will also find this book useful.
Hospitals, Organisation and Healthcare
They Knew
Entrepreneurship, Dyslexia, and Education
Science and Technology
Research, Principles, and Practice
An introduction to simulation-based methods
For undergraduate courses in Management Science. A logical, step-by-step approach to complex problem-solving Using simple, straightforward examples to present complex mathematical concepts, Introduction to Management Science gives students a strong foundation in how to logically approach decision-making problems. Sample problems are used liberally throughout the text to facilitate the learning process and demonstrate different quantitative techniques. Management Science presents modeling techniques that are used extensively in the business world and provides a useful framework for problem-solving that students can apply in the workplace. The Twelfth Edition focuses on the latest technological advances used by businesses and organizations for solving problems and leverages the latest versions of Excel 2013, Excel QM, TreePlan, Crystal Ball, Microsoft Project 2010, and QM for Windows.
Enabling project managers to adapt to the new technology of artificial intelligence, this first comprehensive book on the topic discusses how AI will reinvent the project world and allow project managers to focus on people. Studies show that by 2030, 80 percent of project management tasks, such as data collection, reporting, and predictive analysis, will be carried out by AI in a consistent and efficient manner. This book sets out to explore what this will mean for project managers around the world and equips them to embrace this technological advantage for greater project success. Filled with insights and examples from tech providers and project experts, this book is an invaluable resource for PMO leaders, change executives, project managers, programme managers, and portfolio managers. Anyone who is part of the global community of change and project leadership needs to accept and understand the fast- approaching AI technology, and this book shows how to use it to their advantage.
Chesley's Hypertensive Disorders in Pregnancy continues its tradition as one of the beacons to guide the field of preeclampsia research, recognized for its uniqueness and utility. Hypertensive disorders remain one the major causes of maternal and fetal morbidity and death. It is also a leading cause of preterm birth now known to be a risk factor in remote cardiovascular disease. Despite this the hypertensive disorders remain marginally studied and management is often controversial. The fourth edition of Chesley's Hypertensive Disorders in Pregnancy focuses on prediction, prevention, and management for clinicians, and is an essential reference text for clinical and basic investigators alike. Differing from other texts devoted to preeclampsia, it covers the whole gamut of high blood pressure, and not just preeclampsia. Features new chapters focusing on recent discoveries in areas such as fetal programming, genomics/proteomics, and angiogenesis Includes extensive updates to chapters on epidemiology, etiological considerations, pathophysiology, prediction, prevention, and management Discusses the emerging roles of metabolic syndrome and obesity and the increasing incidence of preeclampsia Each section overseen by one of the editors; each chapter co-authored by one of the editors, ensuring coherence throughout book
Featuring an ideal balance of managerial issues and quantitative techniques, this introduction to operations management keeps pace with current innovations and issues in the field. It presents the concepts clearly and logically, showing readers how OM relates to real business. The new edition also integrates the experiences of a real company throughout each chapter to clearly illustrate the concepts. Readers will find brief discussions on how the company manages areas such as inventory and forecasting to provide a real-world perspective.
The US Federal Government's Fifty-Year Role in Causing the Climate Crisis
Modelling, Evaluation, Scheduling, Monitoring
Biosecurity
Introduction to Management Science with Spreadsheets
The Principles of Scientific Management
An Introduction to Management Science
A devastating, play-by-play account of the federal government's leading role in bringing about today's climate crisis. In 2015, a group of twenty-one young people sued the federal government for violating their constitutional rights by promoting the climate catastrophe, depriving them of life, liberty, and property without due process of law. They Knew offers evidence for their claims, presenting a devastating, play-by-play account of the federal government's role in bringing about today's climate crisis. James Speth, tapped by the plaintiffs as an expert on climate, documents how administrations from Carter to Trump--despite having information about climate change and the connection to fossil fuels--continued aggressive support of a fossil fuel based energy system. What did the federal government know and when did it know it? Speth asks, echoing another famous cover up. What did the federal government do and what did it not do? They Knew (an updated version of the Expert Report Speth prepared for the lawsuit) presents the most compelling indictment yet of the government's role in the climate crisis, showing a forty-year failure to take action. Since Juliana v. United States was filed, the federal government has repeatedly delayed the case. Yet even in legal limbo, it has helped inspire a generation of youthful climate activists. An Our Children's Trust Book
Introduction to Management Science, 2e offers a unique case study approach and integrates the use of Excel. Each chapter includes a case study that is meant to show the students a real and interesting application of the topics addressed in that chapter. This most recent revision has been thoroughly updated to be more "user-friendly" and more technologically advanced. These changes include, a completely new chapter on the art of modeling with spreadsheets. This unique chapter goes far beyond anything found in other textbooks and are based on the award winning methodologies used by Mark Hillier in his own course. The technology package has also been greatly enhanced to include, Crystal Ball 2000 (Professional Edition) a Management Science Online Learning Center, and an Excel add-in called Alver Table for performing sensitivity analysis. Crystal Ball is the most popular Excel add-in for computer simulation and includes OptQuest (an optimizer with simulation) as well as a forecasting module. The Management Science Online Learning Center (website) includes several modules that enable students to interactively explore certain management science techniques in depth. Solver Table is an Excel add-in developed by the author to help perform sensitivity analysis systematically, as well as substantially expanded coverage of computer simulation, including Crystal Ball. We now have two chapters on computer simulation instead of one, where the second chapter features the use of Crystal Ball.all.
Includes Case Studies from a Range of Event Sites Introduction to Crowd Science examines the growing rate of crowd-related accidents and incidents around the world. Using tools, methods, and worked examples gleaned from over 20 years of experience, this text provides an understanding of crowd safety. It establishes how crowd accidents and incidents (specifically mass fatalities in crowded spaces) can occur. The author explores the underlying causes and implements techniques for crowd risk analysis and crowd safety engineering that can help minimize and even eliminate occurrences altogether. Understand Overall Crowd Dynamics and Levels of Complex Structure The book outlines a simple modeling approach to crowd risk analysis and crowds safety in places of public assembly. With consideration for major events, and large-scale urban environments, the material focuses on the practical elements of developing the crowd risk analysis and crowd safety aspects of an event plan. It outlines a range of modeling techniques, including line diagrams that represent crowd flow, calculations of the speed at which a space can fill, and the time it takes for that space to reach critical and crush density. It also determines what to consider during the event planning and approval (licensing/permitting) phases of the event process. Introduction to Crowd Science addresses key questions and presents a systematic approach to managing crowd risks in complex sites. It provides an understanding of the complexity of a site, that helps youplan for crowds in public places.
A key goal of fisheries management is to regulate extractive pressure on a resource so as to ensure social, economic and ecological sustainability. This text provides an accessible entry point for students and professionals to management science as developed in fisheries, in order to facilitate uptake of the latest ideas and methods. Traditional management approaches have relied upon a stock assessment based on existing understanding of resource status and dynamics, and a prediction of the likely future response to a static management proposal. However all such predictions include an inherent degree of uncertainty, and the last few decades have seen the emergence of an adaptive approach that uses feedback control to account for unknown future behaviour. Feedback is achieved via a control rule, which defines a relationship between perceived status of the resource and a management action. Evaluations of such rules usually include computer simulation testing across a broad range of uncertainties, so that an appropriate and robust rule can be selected by stakeholders and managers. The book focuses on this approach, which is usually referred to as Management Strategy Evaluation. The book is enriched by case study examples from different parts of the world, as well as insights into the theory and practice from those actively involved in the science of fisheries management.
Management Science in Fisheries
AI and the Project Manager
On Software and Sovereignty
Outlines and Highlights for Introduction to Management Science by Bernard W Taylor, Isbn
9780136064367
A Guide to Their Public Health Consequences, Monitoring and Management
Problems after each chapter
Never HIGHLIGHT a Book Again! Virtually all of the testable terms, concepts, persons, places, and events from the textbook are included. Cram101 Just the FACTS101 studyguides give all of the outlines, highlights, notes, and quizzes for your textbook with optional online comprehensive practice tests. Only Cram101 is Textbook Specific. Accompanys: 9780136064367 9780137070619 .
For freshman-level courses in Introductory Animal Science. This highly acclaimed, best-selling introduction to animal science explores the depth and breadth of both the livestock and poultry industries. It provides a sound overview of the biological principles of animal science (e.g. reproduction, genetics, nutrition, consumer products, etc.), and offers comprehensive coverage of the practical areas of breeding, feeding, and management of major farm animal species.
The development of entrepreneurial abilities in people with dyslexia is a subject of great interest. It has gained increasing importance in economically difficult times because of its potential for the development of new business opportunities. This book brings together contributions from researchers, educators, and entrepreneurs with dyslexia, investigating this subject from many perspectives. Is there something different in the profile of a person with dyslexia that supports the development of entrepreneurship? This book aims to draw out key themes which can be used in education to motivate, mentor, and create the business leaders of tomorrow. It offers a fundamental text for this area of study with a comprehensive, international examination of its topic. It includes views by new and established international writers and researchers, providing up-to-date perspectives on entrepreneurship, dyslexia, and education. It is accessible to read, to understand, and to learn from, and is suitable for recommended reading for graduate and postgraduate students. The diverse views and perspectives demonstrated in this book make it as relevant as possible for a wide group of readers. It informs study in the fields of business and dyslexia, and will be of interest to educators, researchers, and to anyone interested in the overlap of entrepreneurship and dyslexia.
The Socio-Politics of Invasive Species and Infectious Diseases
Chesley's Hypertensive Disorders in Pregnancy
Biochar for Environmental Management
An Introduction to Stochastic Modeling
Merleau-Ponty
The Study of Uncertainties in Physical Measurements
Introduction to Management Science gives students a strong foundation in how to make decisions and solve complex problems using both quantitative methods and software tools. In addition to extensive examples, problem sets, and cases, the 13th Edition incorporates Excel 2016 and other software resources, developing students' ability to leverage the technology they will use throughout their careers. By practicing these modelling techniques, students gain a useful framework for problem-solving that they can then apply in the workplace.
Best Practice: Process Innovation Management highlights best practice in innovation by bringing together practitioners and researchers in this field. This book presents contributions from leading academics and practitioners involved with innovation. They bring together all the strands of research, best practice and advice establishing an essential source of information for all involved with process innovation management.
Cyanobacterial toxins are among the hazardous substances most widely found in water. They occur naturally, but concentrations hazardous to human health are usually due to human activity. Therefore, to protect human health, managing lakes, reservoirs and rivers to prevent cyanobacterial blooms is critical. This second edition of Toxic Cyanobacteria in Water presents the current state of knowledge on the occurrence of cyanobacteria and cyanotoxins as well as their impacts on health through water-related exposure pathways, chiefly drinking-water and recreational activity. It provides scientific and technical background information to support hazard identification, assessment and prioritisation of the risks posed by cyanotoxins, and it outlines approaches for their management at each step of the water-use system. It sets out key practical considerations for developing management strategies, implementing efficient measures and designing monitoring programmes. This enables stakeholders to evaluate whether there is a health risk from toxic cyanobacteria and to mitigate it with appropriate measures. This book is intended for those working on toxic cyanobacteria with a specific focus on public health protection. It intends to empower professionals from different disciplines to communicate and cooperate for sustainable management of toxic cyanobacteria, including public health workers, ecologists, academics, and catchment and waterbody managers. Ingrid Chorus headed the department for Drinking-Water and Swimming-Pool Hygiene at the German Environment Agency. Martin Welker is a limnologist and microbiologist, currently with bioMérieux in Lyon, France.
This text combines the writing and presentation skills of Bill Stevenson and the integrated Excel modelling of Ceyhun Ozgur and can be used by students with no significant mathematical training and only elementary experience with Excel.
Management Science, Operations Research and Project Management
A Modeling and Case Studies Approach with Spreadsheets
Introduction to Management Science, Student Value Edition
Advanced Introduction to Cities
Scientific Farm Animal Production
Contribution of Taylor to Management Science
Biochar is the carbon-rich product when biomass (such as wood, manure or crop residues) is heated in a closed container with little or no available air. It can be used to improve agriculture and the environment in several ways, and its stability in soil and superior nutrient-retention properties make it an ideal soil amendment to increase crop yields. In addition to this, biochar sequestration, in combination with sustainable biomass production, can be carbon-negative and therefore used to actively remove carbon dioxide from the atmosphere, with major implications for mitigation of climate change. Biochar production can also be through the use of the gases that are given off in the pyrolysis process. This book is the first to synthesize the expanding research literature on this topic. The book's interdisciplinary approach, which covers engineering, environmental sciences, agricultural sciences, economics and policy, is a vital tool at this stage of biochar technology development. This comprehensive overview of current knowledge will be of interest to advanced students, researchers and professionals in a wide range of disciplines.
Never HIGHLIGHT a Book Again! Virtually all of the testable terms, concepts, persons, places, and events from the textbook are included. Cram101 Just the FACTS101 studyguides give all of the outlines, highlights, notes, and quizzes for your textbook with optional online comprehensive practice tests. Only Cram101 is Textbook Specific. Accompanys: 9780131424395 9780131241213 .
A functional and structural perspective
Toxic Cyanobacteria in Water
An Introduction to Error Analysis