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## Quantity Surveying N4 Student's Book

TVET First Nated Series

### Survey Research for Public Administration

SAGE With opinion surveys being used increasingly to measure the public response to governmental initiatives, this book that helps clarify the basics of survey research as they apply to public administration will be welcomed. It is organized around the fundamental stages of the research process - planning, design, implementation, analysis and presentation of data. David H Folz presents practical illustrations and does not assume the reader to have an extensive background in statistics. Thorough coverage of the use of computers in data analysis is provided, together with illustrations of SPSS screens.

### Public Sector Reform

### Rationale, Trends and Problems

SAGE Deregulation, privatization and marketization have become the bywords for the reforms and debates surrounding the public sector. This major book is unique in its comparative analysis of the reform experience in Western and Eastern Europe, Australia, New Zealand and Canada. Leading experts identify a number of key factors to systematically explain the similarities and differences, map common problems and together reflect on the future shape of the public sector, exploring significant themes in a lively and accessible way.

### My Children! My Africa! (TCG Edition)

Theatre Communications Group The search for a means to an end to apartheid erupts into conflict between a black township youth and his "old-fashioned" black teacher.

### Information Theory, Inference and Learning Algorithms

Cambridge University Press Table of contents

### The German Campaign in Russia

### Planning and Operations, 1940-1942

The purpose of this study is to describe German planning and operations in the first part of the campaign against Russia. The narrative starts with Hitler's initial plans for an invasion of Russia and ends at the time of Germany's maximum territorial gains during the battle for Stalingrad.

### The Business Plan

## How to Win Your Investors' Confidence

Springer Science & Business Media This book provides the essentials to write a successful business plan. The represented methods and best practices have been approved over many years in practice with many management consulting engagements. The book is beautifully structured, it has a pragmatic emphasis and an autodidactic approach. The reader gets acquainted with the skills and competencies as well as tools, required for the planning and development of the business plan project.

## Excel 2013: The Missing Manual

"O'Reilly Media, Inc." The world's most popular spreadsheet program is now more powerful than ever, but it's also more complex. That's where this Missing Manual comes in. With crystal-clear explanations and hands-on examples, Excel 2013: The Missing Manual shows you how to master Excel so you can easily track, analyze, and chart your data. You'll be using new features like PowerPivot and Flash Fill in no time. The important stuff you need to know: Go from novice to ace. Learn how to analyze your data, from writing your first formula to charting your results. Illustrate trends. Discover the clearest way to present your data using Excel's new Quick Analysis feature. Broaden your analysis. Use pivot tables, slicers, and timelines to examine your data from different perspectives. Import data. Pull data from a variety of sources, including website data feeds and corporate databases. Work from the Web. Launch and manage your workbooks on the road, using the new Excel Web App. Share your worksheets. Store Excel files on SkyDrive and collaborate with colleagues on Facebook, Twitter, and LinkedIn. Master the new data model. Use PowerPivot to work with millions of rows of data. Make calculations. Review financial data, use math and scientific formulas, and perform statistical analyses.

## Elementary Survey Sampling

PWS Publishing Company Focusing on the practical aspects of survey sampling, this introduction is intended for a one-term service course in survey sampling for students in the social sciences, business, and natural resources management (college algebra prerequisite). Appealing to the student with a limited background in math.

## Elements of Causal Inference

## Foundations and Learning Algorithms

MIT Press A concise and self-contained introduction to causal inference, increasingly important in data science and machine learning. The mathematization of causality is a relatively recent development, and has become increasingly important in data science and machine learning. This book offers a self-contained and concise introduction to causal models and how to learn them from data. After explaining the need for causal models and discussing some of the principles underlying causal inference, the book teaches readers how to use causal models: how to compute intervention distributions, how to infer causal models from observational and interventional data, and how causal ideas could be exploited for classical machine learning problems. All of these topics are discussed first in terms of two variables and then in the more general multivariate case. The bivariate case turns out to be a particularly hard problem for causal learning because there are no conditional independences as used by classical methods for solving multivariate cases. The authors consider analyzing statistical asymmetries between cause and effect to be highly instructive, and they report on their decade of intensive research into this problem. The book is accessible to readers with a background in machine learning or statistics, and can be used in graduate courses or as a reference for researchers. The text includes code snippets that can be copied and pasted, exercises, and an appendix with a summary of the most important technical concepts.

## Knowledge Graphs

Morgan & Claypool Publishers This book provides a comprehensive and accessible introduction to knowledge graphs, which have recently garnered notable attention from both industry and academia. Knowledge graphs are founded on the principle of applying a graph-based abstraction to data, and are now broadly deployed in scenarios that require integrating and extracting value from multiple, diverse sources of data at large scale. The book defines knowledge graphs and provides a high-level overview of how they are used. It presents and contrasts popular graph models that are commonly used to represent data as graphs, and the languages by which they can be queried before describing how the resulting data graph can be enhanced with notions of schema, identity, and context. The book discusses how ontologies and rules can be used to encode knowledge as well as how inductive techniques—based on statistics, graph analytics, machine learning, etc.—can be used to encode and extract knowledge. It covers techniques for the creation, enrichment, assessment, and refinement of knowledge graphs and surveys recent open and enterprise knowledge graphs and the industries or applications within which they have been most widely adopted. The book closes by discussing the current limitations and future directions along which knowledge graphs are likely to evolve. This book is aimed at students, researchers, and practitioners who wish to learn more about knowledge graphs and how they facilitate extracting value from diverse data at large scale. To make the book accessible for newcomers, running examples and graphical notation are used throughout. Formal definitions and extensive references are also provided for those who opt to delve more deeply into specific topics.

## Economic Evaluation in Education

## Cost-Effectiveness and Benefit-Cost Analysis

SAGE Publications The past decade has seen increased attention to cost-effectiveness and benefit-cost analysis in education as administrators are being asked to accomplish more with the same or even fewer resources, philanthropists are keen to calculate their "return on investment" in social programs, and the general public is increasingly scrutinizing how resources are allocated to schools and colleges. Economic Evaluation in Education: Cost-Effectiveness and Benefit-Cost Analysis (titled Cost-Effectiveness Analysis: Methods and Applications in its previous editions) is the only full-length book to provide readers with the step-by-step methods they need to plan and implement a benefit-cost analysis in education. Authors Henry M. Levin, Patrick J. McEwan, Clive Belfield, Alyshia Brooks Bowden, and Robert Shand examine a range of issues, including how to identify, measure, and distribute costs; how to measure effectiveness, utility, and benefits; and how to incorporate cost evaluations into the decision-making process. The updates to the Third Edition reflect the considerable methodological development in the evaluation literature, and the greater empiricism practiced by education researchers, to help readers learn to apply more advanced methods to their own analyses.

## Using R for Introductory Statistics

CRC Press The second edition of a bestselling textbook, Using R for Introductory Statistics guides students through the basics of R, helping them overcome the sometimes steep learning curve. The author does this by breaking the material down into small, task-oriented steps. The second edition maintains the features that made the first edition so popular, while updating data, examples, and changes to R in line with the current version. See What's New in the Second Edition: Increased emphasis on more idiomatic R provides a grounding in the functionality of base R. Discussions of the use of RStudio helps new R users avoid as many pitfalls as possible. Use of knitr package makes code easier to read and therefore easier to reason about. Additional information on computer-intensive approaches motivates the traditional approach. Updated examples and data make the information current and topical. The book has an accompanying package, UsingR, available from CRAN, R's repository of user-contributed packages. The package contains the data sets mentioned in the text (data(package="UsingR")), answers to selected problems (answers()), a few demonstrations (demo()), the errata (errata()), and sample code from the text. The topics of this text line up closely with traditional teaching progression; however, the book also highlights computer-intensive approaches to motivate the more traditional approach. The authors emphasize realistic data and examples and rely on visualization techniques to gather insight. They introduce statistics and R seamlessly, giving students the tools they need to use R and the information they need to navigate the sometimes complex world of statistical computing.

## Building Quantities Explained

Bloomsbury Publishing A long established text that aims to meet the needs of students studying building measurement in the early years of quantity surveying and building degree courses. It contains a careful selection of 28 worked examples embracing all the principal building elements and including alternative constructional methods to illustrate a range of approaches.

## Probability, Statistics, and Stochastic Processes

John Wiley & Sons Praise for the First Edition ". . . an excellent textbook . . . well organized and neatly written." —Mathematical Reviews ". . . amazingly interesting . . ." —Technometrics Thoroughly updated to showcase the interrelationships between probability, statistics, and stochastic processes, Probability, Statistics, and Stochastic Processes, Second Edition prepares readers to collect, analyze, and characterize data in their chosen fields. Beginning with three chapters that develop probability theory and introduce the axioms of probability, random variables, and joint distributions, the book goes on to present limit theorems and simulation. The authors combine a rigorous, calculus-based development of theory with an intuitive approach that appeals to readers' sense of reason and logic. Including more than 400 examples that help illustrate concepts and theory, the Second Edition features new material on statistical inference and a wealth of newly added topics, including: Consistency of point estimators Large sample theory Bootstrap simulation Multiple hypothesis testing Fisher's exact test and Kolmogorov-Smirnov test Martingales, renewal processes, and Brownian motion One-way analysis of variance and the general linear model Extensively class-tested to ensure an accessible presentation, Probability, Statistics, and Stochastic Processes, Second Edition is an excellent book for courses on probability and statistics at the upper-undergraduate level. The book is also an ideal resource for scientists and engineers in the fields of statistics, mathematics, industrial management, and engineering.

## Classical Aerodynamic Theory

## The Coding Manual for Qualitative Researchers

SAGE The Second Edition of Johnny Saldaña's international bestseller provides an in-depth guide to the multiple approaches available for coding qualitative data. Fully up to date, it includes new chapters, more coding techniques and an additional glossary. Clear, practical and authoritative, the book: -describes how coding initiates qualitative data analysis -demonstrates the writing of analytic memos -discusses available analytic software -suggests how best to use The Coding Manual for Qualitative Researchers for particular studies. In total, 32 coding methods are profiled that can be applied to a range of research genres from grounded theory to phenomenology to narrative inquiry. For each approach, Saldaña discusses the method's origins, a description of the method, practical applications, and a clearly illustrated example with analytic follow-up. A unique and invaluable reference for students, teachers, and practitioners of qualitative inquiry, this book is essential reading across the social sciences.

## Analytic Combinatorics

Cambridge University Press Analytic combinatorics aims to enable precise quantitative predictions of the properties of large combinatorial structures. The theory has emerged over recent decades as essential both for the analysis of algorithms and for the study of scientific models in many disciplines, including probability theory, statistical physics, computational biology, and information theory. With a careful combination of symbolic enumeration methods and complex analysis, drawing heavily on generating functions, results of sweeping generality emerge that can be applied in particular to fundamental structures such as permutations, sequences, strings, walks, paths, trees, graphs and maps. This account is the definitive treatment of the topic. The authors give full coverage of the underlying mathematics and a thorough treatment of both classical and modern applications of the theory. The text is complemented with exercises, examples, appendices and notes to aid understanding. The book can be used for an advanced undergraduate or a graduate course, or for self-study.

## Concrete Mathematics: A Foundation for Computer Science

Pearson Education India

## Surveying for Engineers

## Quantity Surveying Practice

Palgrave

## Structural Surveying

A guide to the principles and practice of domestic building surveys from instruction through to writing the report, including information on the surveyor's legal liabilities. Examples of typical defects, their causes and identification are given and a specimen survey report is included.

## Lucky War

## Third Army in Desert Storm

DIANE Publishing Provides an account, from the point of view of the U.S. Army forces employed, of the 1990-91 Persian Gulf War, from the Iraqi invasion of Kuwait to the withdrawal of coalition forces from southeastern Iraq. It focuses on the Army's part in this war, particularly the activities of the Headquarters, Third Army, and the Army Forces Central Command (ARCENT). It looks especially at the activities of the VII Corps, which executed ARCENT's main effort in the theater ground force schwerpunkt -- General Schwarzkopf's "Great Wheel." This is not an official history; the author speaks in his own voice and makes his own judgments. Maps.

## Vulnerable India

## A Geographical Study of Disasters

SAGE Publications India This book de-myths the oft repeated claim of 'natural disaster' and puts forward socio-economic factors as the cause for the recurrence of disasters. With this framework, the author examines the popular notion of the Vulnerable India in psycho-geographical terms and unmasks the dimensions of vulnerability itself. In doing so the author foregrounds the factors that create and perpetuate vulnerability of the marginalized sections of the society and of the nation and redefines the phrase Vulnerable India. Presenting a national level inquiry, the three sections of the book called the Fact, Response, and Reality, spell a convincing argument for why disasters recur in India. To provide a historical understanding of India's continued failure to adequately contain damage to life and property, the book unravels the perceptions of disasters in traditional, colonial and modern India. It redefines the debate on new terms such as 'disasterscape', 'the killed', 'disaster index', 'disaster divide' and 'vulnerability cluster', to better represent the patterns that engender vulnerability. With the aid of exhaustive research, comparative statistical analyses and illustrative maps, it provides incisive insight into 16 different geophysicals across 594 districts of the country. This book is ideal for students of geography, environmental sociology, development studies, social work and disaster management, and also for policy makers.

## Open-channel Hydraulics

Open-Channel Hydraulics, originally published in 1959, deals with the design for flow in open channels and their related structures. Covering both theory and practice, it attempts to bridge the gap that generally exists between the two. Theory is introduced first and is then applied to design problems. In many cases the application of theory is illustrated with practical examples. Theory is frequently simplified by adopting theoretically less rigorous treatments with sound concepts, by avoiding use of advanced mathematical manipulations, or by replacing such manipulations with practical numerical procedures. To facilitate understanding of the subject

matter, the treatment is mostly based on the condition of one- or two-dimensional flow. The book deals mainly with American practice but also includes related information from many countries throughout the world. Material is divided into five main sections for an orderly and logical treatment of the subject: Basic Principles, Uniform Flow, Varied Flow, Rapidly Varied Flow, and Unsteady Flow. There are 67 illustrative examples, 282 illustrations, 319 problems, and 810 references. This classic textbook was the first English-language book on the subject in two decades. Open-Channel Hydraulics is a valuable text for students of engineering mechanics, hydraulics, civil, agricultural, sanitary, and mechanical engineering, and a helpful compendium for practicing engineers. Dr. Ven Te Chow was a Professor of Hydraulic Engineering and led the hydraulic engineering research and teaching programs at the University of Illinois. Through many years of experience as a teacher, engineer, researcher, writer, lecturer, and consultant, he became an internationally recognized leader in the fields of hydraulics, hydrology and hydraulic engineering. Dr. Ven Te Chow authored two technical books and more than 60 articles and papers in scientific and engineering magazines and journals. He was a member of IAHR, ASCE, AGU, AAAS, SEE, and Sigma Xi, and had been Chairman of the American Geophysical Union's Permanent Research Committee on Runoff.

## A Journey Through Qualitative Research From Design to Reporting

SAGE This hands-on guide takes students from start-to-finish through the research process while showcasing the complexities and interrelationships of different methods, schools of thought, and associated analytical strategies. Encouraging students to think of qualitative research as a flexible, cyclical process rather than a linear one, this book offers a panoramic strategy and dynamic approach to qualitative research that accommodates the fluid nature of research and accounts for lessons learned through lived experience. With an emphasis on the analysis stage—within case, across case, and the dialogue between these insights and existing literature—it uses concrete applications to show how your methodological decisions translate into practice. It covers: Forming, defending, and evaluating research questions Choosing a research approach Ensuring ethically sound research Collecting quality data Analyzing data in layers Reporting research results Through a conversational tone that unpacks key vocabulary and acts as a companion supervisor, this book equips you to traverse every step of the qualitative research journey.

## Study and Master Mathematical Literacy Grade 12 CAPS Learner's Book

### Twenty Censuses

### Population and Housing Questions, 1790-1980

### Proofs from THE BOOK

Springer Science & Business Media According to the great mathematician Paul Erdős, God maintains perfect mathematical proofs in The Book. This book presents the authors candidates for such "perfect proofs," those which contain brilliant ideas, clever connections, and wonderful observations, bringing new insight and surprising perspectives to problems from number theory, geometry, analysis, combinatorics, and graph theory. As a result, this book will be fun reading for anyone with an interest in mathematics.

### The Colored Patriots of the American Revolution

Readaclassic.com In "Colored Patriots of the American Revolution," William Cooper Nell documents the important and oft-forgotten contributions of black Americans who fought during the Revolutionary War. While most history books focus on white heroes such as George Washington, Paul Revere, and Ethan Allen, "Colored Patriots" focuses on the black Americans who fought bravely and heroically for freedom and independence in the American Revolution. When the Revolution started, the American colonies had a population of about two and a half million people, one fifth of whom were black, mostly slaves. The courage and bravery demonstrated by blacks during the Revolution influenced legal decisions in the northern states to abolish slavery, leading to freedom for about 60,000 slaves. Yet for the most part, acts of heroism and the contributions of blacks during the Revolution either went unrecorded or were not widely publicized. "Colored Patriots of the American Revolution" is organized by state, with many historical names mentioned and an account given of the African American involvement state-by-state.

### A Manual for Writers of Research Papers, Theses, and Dissertations, Eighth Edition

## Chicago Style for Students and Researchers

University of Chicago Press A little more than seventy-five years ago, Kate L. Turabian drafted a set of guidelines to help students understand how to write, cite, and formally submit research writing. Seven editions and more than nine million copies later, the name Turabian has become synonymous with best practices in research writing and style. Her Manual for Writers continues to be the gold standard for generations of college and graduate students in virtually all academic disciplines. Now in its eighth edition, A Manual for Writers of Research Papers, Theses, and Dissertations has been fully revised to meet the needs of today's writers and researchers. The Manual retains its familiar three-part structure, beginning with an overview of the steps in the research and writing process, including formulating questions, reading critically, building arguments, and revising drafts. Part II provides an overview of citation practices with detailed information on the two main scholarly citation styles (notes-bibliography and author-date), an array of source types with contemporary examples, and detailed guidance on citing online resources. The final section treats all matters of editorial style, with advice on punctuation, capitalization, spelling, abbreviations, table formatting, and the use of quotations. Style and citation recommendations have been revised throughout to reflect the sixteenth edition of The Chicago Manual of Style. With an appendix on paper format and submission that has been vetted by dissertation officials from across the country and a bibliography with the most up-to-date listing of critical resources available, A Manual for Writers remains the essential resource for students and their teachers.

## The Algorithm Design Manual

Springer Science & Business Media This newly expanded and updated second edition of the best-selling classic continues to take the "mystery" out of designing algorithms, and analyzing their efficacy and efficiency. Expanding on the first edition, the book now serves as the primary textbook of choice for algorithm design courses while maintaining its status as the premier practical reference guide to algorithms for programmers, researchers, and students. The reader-friendly Algorithm Design Manual provides straightforward access to combinatorial algorithms technology, stressing design over analysis. The first part, Techniques, provides accessible instruction on methods for designing and analyzing computer algorithms. The second part, Resources, is intended for browsing and reference, and comprises the catalog of algorithmic resources, implementations and an extensive bibliography. NEW to the second edition: • Doubles the tutorial material and exercises over the first edition • Provides full online support for lecturers, and a completely updated and improved website component with lecture slides, audio and video • Contains a unique catalog identifying the 75 algorithmic problems that arise most often in practice, leading the reader down the right path to solve them • Includes several NEW "war stories" relating experiences from real-world applications • Provides up-to-date links leading to the very best algorithm implementations available in C, C++, and Java

## Monetary and Financial Statistics Manual

International Monetary Fund This Manual offers guidelines for the presentation of monetary and financial statistics. It provides a set of tools for identifying, classifying, and recording stocks and flows of financial assets and liabilities, describes the standard, analytically oriented frame works in which the statistics may be presented, and identifies a set of analytically useful aggregates within those frameworks. The concepts and principles set out in the Manual are harmonized with those of the System of National Accounts 1993.

## The COINTELPRO Papers

## Documents from the FBI's Secret Wars Against Dissent in the United States

FBI documents and original interviews reveal the FBI's political campaigns from 1956 into the 1980s.

## Tensor Methods in Statistics

### Second Edition

Courier Dover Publications A pioneering monograph on tensor methods applied to distributional problems arising in statistics, this work begins with the study of multivariate moments and cumulants. An invaluable reference for graduate students and professional statisticians. 1987 edition.

## The TSQL2 Temporal Query Language

Springer Science & Business Media Temporal databases have been an active research topic for at least fifteen years. During this time, several dozen temporal query languages have been proposed. Many within the temporal database research community perceived that the time had come to consolidate approaches to temporal data models and calculus based query languages, to achieve a consensus query language and associated data model upon which future research can be based. While there were many query language proposals, with a diversity of language and modeling constructs, common themes kept resurfacing. However, the community was quite fragmented, with each research project being based on a particular and different set of assumptions and approaches. Often these assumptions were not germane to the research per se, but were made simply because the research required a data model or

query language with certain characteristics, with the particular one chosen rather arbitrarily. It would be better in such circumstances for research projects to choose the same language. Unfortunately, no existing language had attracted a following large enough to become the one of choice. In April, 1992 Richard Snodgrass circulated a white paper that proposed that a temporal extension to SQL be produced by the research community. Shortly thereafter, the temporal database community organized the "ARPA/NSF International Workshop on an Infrastructure for Temporal Databases," which was held in Arlington, TX, in June, 1993.

## Job Savvy

### How to be a Success at Work

list Works A guide to job success covers such topics as making a good impression, getting along with co-workers, problem solving techniques, ethical problems, and career advancement.

## WIPO Intellectual Property Handbook

### Policy, Law and Use

WIPO This is a general reference work on all aspects of intellectual property, including international treaties and conventions, analyses of all fields of intellectual property, its administration, enforcement and teaching, technological and legal developments, and WIPO's work in its Member States. It covers issues including electronic commerce, biotechnology, traditional knowledge and management of copyright and related rights and WIPO's vision and approaches to meet new challenges with a widening circle of partners. Can be used as a key reference work by creators, innovators, intellectual property lawyers, government officials, university teachers and students.

## Tuberculosis Prevalence Surveys

### A Handbook

The first edition of this book "Assessing tuberculosis prevalence through population-based surveys" was published by the World Health Organization in 2007 (ISBN 9789290613145). Its aim was to provide guidance to countries about how to estimate the prevalence of tuberculosis (TB) disease through population-based surveys. Designed for TB experts, survey investigators, researchers and advisers at national and international levels, the "red book" (as it soon came to be known) explained the core survey methods, including calculation of sample sizes, strategies for screening and diagnosis, case definitions, field operations, and how to analyse and report results. This second (lime) edition will help users to justify, design, fund, implement and analyse a high-quality national TB prevalence survey; to repeat surveys that allow comparisons with earlier surveys; to maximize the value of the data collected during surveys; and to ensure standardisation of methods across multiple surveys in more than 20 countries in WHO's African, Eastern Mediterranean, South-East Asia and Western Pacific regions.

## Educational Research

### Competencies for Analysis and Applications

Pearson Education (Us) A leader in Introduction to Educational Research courses, Educational Research: Competencies for Analysis and Applications, ninth edition, remains a practical text focused on the skills and procedures students need in order to become competent consumers and producers of educational research. The accessible writing style and light, humorous tone of this book helps to demystify and enliven this demanding course. The text uses a direct, step-by-step approach to the research process. Tasks are included throughout the text to guide students through the process of creating their own research report. Published research articles are now included in every research methods chapter to provide students with illustrations of exemplary qualitative and quantitative research. Key changes in the ninth edition include an expanded coverage of qualitative research through a new chapter on Case Study Research (Chapter 17), a new chapter on Survey Research (Chapter 7), an increased emphasis on ethical considerations in the conduct of educational research (Chapter 1), and significant updates to Descriptive Statistics (Chapter 12) and Inferential Statistics (Chapter 13) that increase the coverage of how to use technology in the research process."