

Engineering Science N4 Study Guide

Herald of Library Science
Doing Interviews
1996
South African National Bibliography
University of California Union Catalog of Monographs Cataloged by the Nine Campuses from 1963 Through 1967: Authors & titles
Dancing at the Rascal Fair
A Catalog of Books Represented by Library of Congress Printed Cards Issued to July 31, 1942
The Scientist and Engineer's Guide to Digital Signal Processing
Mathematics N1
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Exploratory Research in the Social Sciences
Accounting: Introduction to Financial Accounting
Engineering Science
Engineering Mathematics with Examples and Applications
Practical Statistics
Current Index to Journals in Education Semi-Annual Cumulations, 1989
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Engineering a Compiler
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A First Course in Quality Engineering
The Environment Index
Research in Education
Collecting Qualitative Data
Land Use Planning Abstracts
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South African National Bibliography

Providing a practical and step-by-step guide to collecting and and managing qualitative data, this book focuses on the three most often used forms of qualitative methods: participant observation, in-depth interviews, and focus groups. Designed to be very applied, this textbook includes many checklists and tips for how to use each technique while doing research. It also includes numerous real-life examples and cases so that the reader will benefit from seeing the broader picture. Collecting Qualitative Data: A Field Manual is intended both for beginning researchers and the more experienced research collector.

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Mathematics N1

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Exploratory Research in the Social Sciences

Accounting:Introduction to Financial Accounting

Engineering Science

Engineering Mathematics with Examples and Applications

Engineering Mathematics with Examples and Applications provides a compact and concise primer in the field, starting with the foundations, and then gradually developing to the advanced level of mathematics that is necessary for all engineering

disciplines. Therefore, this book's aim is to help undergraduates rapidly develop the fundamental knowledge of engineering mathematics. The book can also be used by graduates to review and refresh their mathematical skills. Step-by-step worked examples will help the students gain more insights and build sufficient confidence in engineering mathematics and problem-solving. The main approach and style of this book is informal, theorem-free, and practical. By using an informal and theorem-free approach, all fundamental mathematics topics required for engineering are covered, and readers can gain such basic knowledge of all important topics without worrying about rigorous (often boring) proofs. Certain rigorous proof and derivatives are presented in an informal way by direct, straightforward mathematical operations and calculations, giving students the same level of fundamental knowledge without any tedious steps. In addition, this practical approach provides over 100 worked examples so that students can see how each step of mathematical problems can be derived without any gap or jump in steps. Thus, readers can build their understanding and mathematical confidence gradually and in a step-by-step manner. Covers fundamental engineering topics that are presented at the right level, without worry of rigorous proofs Includes step-by-step worked examples (of which 100+ feature in the work) Provides an emphasis on numerical methods, such as root-finding algorithms, numerical integration, and numerical methods of differential equations Balances theory and practice to aid in practical problem-solving in various contexts and applications

Practical Statistics

This book provides an introduction to the mathematical and algorithmic foundations of data science, including machine learning, high-dimensional geometry, and analysis of large networks. Topics include the counterintuitive nature of data in high dimensions, important linear algebraic techniques such as singular value decomposition, the theory of random walks and Markov chains, the fundamentals of and important algorithms for machine learning, algorithms and analysis for clustering, probabilistic models for large networks, representation learning including topic modelling and non-negative matrix factorization, wavelets and compressed sensing. Important probabilistic techniques are developed including the law of large numbers, tail inequalities, analysis of random projections, generalization guarantees in machine learning, and moment methods for analysis of phase transitions in large random graphs. Additionally, important structural and complexity measures are discussed such as matrix norms and VC-dimension. This book is suitable for both undergraduate and graduate courses in the design and analysis of algorithms for data.

Current Index to Journals in Education Semi-Annual Cumulations, 1989

Engineering Science, Second Edition provides a comprehensive discussion of the fundamental concepts in engineering. The book is comprised of 16 chapters that provide the theories and applications of different engineering concepts. The coverage of the text includes statics (equilibrium and structures), dynamics (motions and vibrations), and energy and thermal

systems. The book also discusses electrical circuits, including direct and alternating current circuits, and electric and magnetic fields, including electromagnetism. The text will be useful to students of the various branches of engineering, such as mechanical, electrical, and civil.

Current Index to Journals in Education Semi-Annual Cumulations, 1990

This entirely revised second edition of *Engineering a Compiler* is full of technical updates and new material covering the latest developments in compiler technology. In this comprehensive text you will learn important techniques for constructing a modern compiler. Leading educators and researchers Keith Cooper and Linda Torczon combine basic principles with pragmatic insights from their experience building state-of-the-art compilers. They will help you fully understand important techniques such as compilation of imperative and object-oriented languages, construction of static single assignment forms, instruction scheduling, and graph-coloring register allocation. In-depth treatment of algorithms and techniques used in the front end of a modern compiler Focus on code optimization and code generation, the primary areas of recent research and development Improvements in presentation including conceptual overviews for each chapter, summaries and review questions for sections, and prominent placement of definitions for new terms Examples drawn from several different programming languages

Everyman's Guide

Reference Book Review Index, 1970-1972

Engineering Science

Health Planning Reports Subject Index

This is a concise introduction to the richness and scope of interviewing in social science research, teaching the craft of interview research with practical, hands-on guidance. Incorporating discussion of the wide variety of methods in interview-based research and the different approaches to reading the data, this book will help you to navigate the broad field of qualitative research with confidence and get out there and start collecting your data.

Comparative Guide to American Colleges for Students, Parents, and Counselors

Salient Features: Provided simple step by step explanations to motivate self study of the subject. Free hand sketching techniques are provided. Worksheets for free hand practice are provided. A new chapter on Computer Aided Design and Drawing (CADD) is added.

African Books in Print

Mixed Methods Research: A Guide to the Field by Vicki L. Plano Clark and Nataliya V. Ivankova is a practical book that introduces a unique socio-ecological framework for understanding the field of mixed methods research and its different perspectives. Based on the framework, it addresses basic questions including: What is the mixed methods research process? How is mixed methods research defined? Why is it used? What designs are available? How does mixed methods research intersect with other research approaches? What is mixed methods research quality? How is mixed methods shaped by personal, interpersonal, and social contexts? By focusing on the topics, perspectives, and debates occurring in the field of mixed methods research, the book helps students, scholars, and researchers identify, understand, and participate in these conversations to inform their own research practice. Mixed Methods Research is Volume 3 in the SAGE Mixed Methods Research Series.

Reference Sources, 1981

The African Book Publishing Record

Health planning reports subject index

Foundations of Data Science

Current Index to Journals in Education Semi-Annual Cumulations, 1986

Engineering a Compiler

The third edition of this textbook improves on the strengths of the earlier editions both in content and presentation. Of the important features of the textbook is the inclusion of examples from real-world to illustrate use of quality methods in problem solving. A thorough revision is made of the text to make all chapters suitable for self-study as well.

Engineering Science

Making statistics—and statistical software—accessible and rewarding This book provides readers with step-by-step guidance on running a wide variety of statistical analyses in IBM® SPSS® Statistics, Stata, and other programs. Author David Kremelberg begins his user-friendly text by covering charts and graphs through regression, time-series analysis, and factor analysis. He provides a background of the method, then explains how to run these tests in IBM SPSS and Stata. He then progresses to more advanced kinds of statistics such as HLM and SEM, where he describes the tests and explains how to run these tests in their appropriate software including HLM and AMOS. This is an invaluable guide for upper-level undergraduate and graduate students across the social and behavioral sciences who need assistance in understanding the various statistical packages.

A First Course in Quality Engineering

The Environment Index

The central volume in Ivan Doig's acclaimed Montana trilogy, *Dancing at the Rascal Fair* is an authentic saga of the American experience at the turn of this century and a passionate, portrayal of the immigrants who dared to try new lives in the imposing Rocky Mountains. Ivan Doig's supple tale of landseekers unfolds into a fateful contest of the heart between Anna Ramsay and Angus McCaskill, walled apart by their obligations as they and their stormy kith and kin vie to tame the brutal, beautiful Two Medicine country.

Research in Education

Collecting Qualitative Data

Land Use Planning Abstracts

This text is intended for a first course in introductory financial accounting. It was updated to reflect current International Financial Reporting Standards (IFRS). For example, it reflects the recent change in IAS38, para. 98, allowing the use of multiple methods in amortizing intangible assets. It focuses on core Introductory Financial Accounting topics that match pre-requisite requirements for students advancing to Intermediate Financial Accounting. Excluded are advanced topics that are covered in Intermediate Financial Accounting, such as leases and bond amortization. The text takes a corporate approach (vs. beginning with a sole proprietorship emphasis and then converting to a corporate approach); this consistency throughout the book reduces confusion for the introductory student. The book covers all essential topics: the accounting cycle, merchandising, assigning costs to inventory, cash and receivables, property, plant and equipment, debt financing, equity financing, statement of cash flows, financial statement analysis, and proprietorships and partnerships. Additionally, this version of the open text is supported by Lyryx Learning, offering at an affordable price editorial services to develop and adapt the content, formative online assessment, course supplements, and daily support to both the students and instructors.

Current Index to Journals in Education

Textbook of Engineering Drawing

Mixed Methods Research

Engineering Science N4

The Library News-letter

Guided by the precept that to understand any phenomenon well, it is necessary to start by looking at it in broad, nonspecialized terms, Robert A Stebbins takes the reader through the process of exploratory research in an easy-to-read style providing the student or researcher with a complete reference for carrying out this type of research.

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