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- Online question banks
- Videos covering core concepts
- Mobile-friendly glossary
- Exam and study skills

To find out what support material is available for your title, visit the support material catalogue at bit.ly/jutaregister. If you require any assistance you can email the support material team on supportmaterial@juta.co.za

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Email: returns@juta.co.za

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- Reasons for the return;
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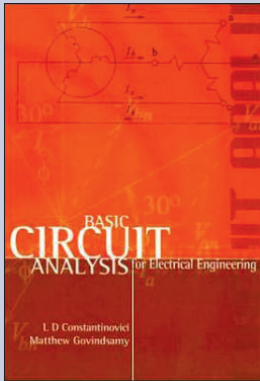
Goods must be collected from the Juta warehouse within seven days of being notified of an unauthorised return. Unauthorised returns which remain on our premises after seven days will be returned to the sender and the cost of this charged to the customer's account.

Reporting of quality and quantity discrepancies

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- Replacement goods will be invoiced in full.

Please Note:

- ❑ In instances where the return is not as a result of an error on Juta's part, the cost of carriage will be for the customer's account. Should the return be due to an error on Juta's part, we will arrange collection at our expense, with a carrier nominated by us.
- ❑ Returns on sale or discounted priced titles will not be accepted.



2000
240 pages
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Basic Circuit Analysis for Electrical Engineering

LD Constantinovici & M Govindsamy

Basic Circuit Analysis for Electrical Engineering introduces fundamental concepts of engineering to students. Technical concepts are explained in plain language and the mathematics is clear and understandable, making it easy to follow the text.

Basic Circuit Analysis for Electrical Engineering is essential reading for anyone looking to gain a firm grounding in electrical engineering.

Contents

Basic Concepts: Introduction • Revision of basic concepts • Useful mathematical concepts

AC Theory (Part I): Introduction • Useful concepts • Passive elements in AC circuits • Impedance (Z) and admittance (Y) • Simple combinations of resistors (R), inductors (L) and capacitors (C)

AC Theory (Part II): Introduction • Power in AC circuits • Power factor

Resonant circuits: Introduction • Series circuit • Parallel circuit

Networks Theory (Part I): Introduction • Network theorems

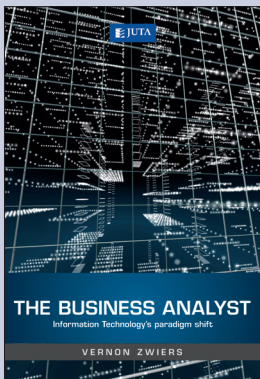
Networks Theory (Part II): Introduction • Other methods used in circuit analysis

Harmonics: Introduction • Complex waveforms • General equation of a complex wave • RMS value of a complex wave • Harmonics in single-phase circuits • Power supplied by a complex wave

Introduction to three-phase systems: Introduction • Three-phase generation • Three-phase connections • Three-phase power

Key Features

Builds on an entry-level basic knowledge of electrical engineering • Graphics are used to explain difficult concepts • Promotes learning through stimulating activities • Suitable for individual or group study • Teaches principles by explicit examples • Self-evaluation exercises assist the student throughout • Outcomes and summaries support learner-centred learning • Suitable for distance education



2011
302 pages
Soft cover
Printed 9780702188619
R377.00

Business Analyst, The

– Information Technology's Paradigm Shift

V Zwiars

The Business Analyst: Information Technology's Paradigm Shift completely dissolves the perception that the IT industry dictates to businesses what IT systems they will use and dispels the myth that business users and IT technicians are from different planets. It suggests how to create an environment in which everybody works together in an exciting and refreshing way – a paradigm shift in the way business analysis projects are done. The IT industry has to move to a point where it realises that the users of IT systems and the technical personnel are both equally responsible for getting the system to work. The users of the IT system should be an integral part of the team when the system is being put together. This, unfortunately, is not the norm within the industry. It is the business analyst's responsibility, among others, to make sure that communication flows freely between all the parties involved. This book gives the business analyst the tools and techniques to find out what the business users of IT systems really need and to guide the project to meet those needs.

Contents

Introduction to business analysis, its origins and growth • Introduction to the role of the business analyst • Communication • Listening – plain and simple • The interview or meeting: Managing one-on-one interactions • Facilitation • Meetings The business analyst's golden meeting: The joint application development (JAD) session • What most people fear: The presentation • Work products: Communication for posterity • Unified Modelling Language is a complete paradigm shift • Business process modelling: Understanding what business wants • UML – The use case diagram: Continuing to understand what business wants • UML – The sequence diagram: Moving to the next level from

the use case • UML – The communication diagram: A close relative of the sequence diagram • UML – The activity diagram: What lies hidden to the user behind the use case • UML – The state machine diagram: Another way of working with objects • The class diagram: The building blocks of the design • UML – The remaining structure-type diagrams from the class diagram onwards • UML – The last two diagrams: Micro-timing • UML – The process of weaving the tapestry together • How UML fits together: Interlocking the puzzle pieces • The practical application of UML in projects: An asset for your company • UML – Robustness analysis: Completing the circle of the process • UML – Moving into the problem domain: Building the classes to make things work • Passing the benefit to the board of directors and the project manager • Answers to questions

Key Features

Skills, knowledge and competencies needed are presented in a realistic and practical way • IT terminology is explained in plain English • Internationally recognised and implemented approaches, methodologies and processes to drive business change are described • Challenging questions at the end of each chapter enable readers to test their Understanding of the concepts • The Unified Modelling Language (UML) methodology used throughout the book provides a refreshing view of how a business analyst works. UML diagrams are depicted clearly and explained concisely

Recommended for

Senior undergraduates in Information Systems • Helps professionals to determine business solutions to business problems

About the author

Vernon Zwiwers owns a training and consultancy company, DenVer Project Management and Professional Services. He has written a successful course on business analysis and design techniques on which this book is based. The course is also published internationally in partnership with Trinity Business Solutions. He lectures, consults and works in the industry, locally and internationally, as a business analyst and project manager. He is on the Academic Advisory Committee for Tshwane University of Technology and runs a corporate mentorship project.

Concise Higher Electrical Engineering

E Chikuni, MTE Khan & OI Okoro

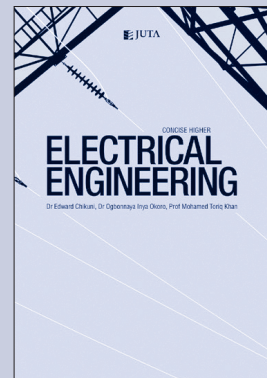
Concise Higher Electrical Engineering provides students with both a thorough knowledge of the fundamentals of electrical engineering and an introduction to the practice of engineering in the region.

Contents

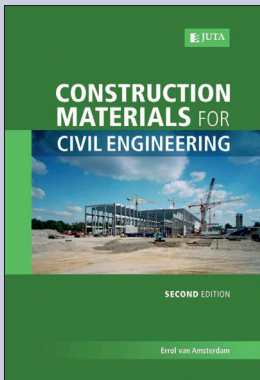
Engineering Units and Components • Electrical and Magnetic Circuit Fundamentals • Complex and Alternating Current Circuits and DC Transients • Computer Applications • Polyphase Circuits • DC Machines • Transformers • Induction Motors • Synchronous Machines • Reluctance Force Actuators • The Per Unit System and Network Applications • Modelling and Analysis of Power Systems • Symmetrical Components and Unbalanced Networks • Power Electronics • Illumination • Distribution System Planning and Design • Protection of Electrical Networks and Plant • Electric Drives • Essentials of Digital, Analogue and Semiconductor Electronics Technology • Industrial Automation and Controls • Appendix A – Complexors and Phasors • Appendix B – Introduction • Appendix C – Datasheets

Key Features

Concise Higher Electrical Engineering integrates, in one volume, the most important topics in Electrical Engineering at college or university level. The integrated nature of the book means that the Electrical Engineering student will not have to purchase multiple textbooks in order to cover the entire Electrical Engineering curriculum. The chapter on modelling or power systems compares manual examples with computerised methods. Other chapters in this book include electrical distribution design, illumination and electrical network protection. The chapter on industrial automation includes examples with real programmable controllers. It includes a large number of examples and exercises. The book contains a wealth of illustration that aids the students understanding of the subject matter.



2008
638 pages
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R373.00

Construction Materials for Civil Engineering

E van Amsterdam

Construction Materials for Civil Engineering second edition bridges the gap between school and university by providing practical examples and everyday concepts. These are applied to explain, in plain language, the fundamentals of civil engineering. The book has been fully revised and includes a new chapter on internal building materials.

Contents

Soils: Introduction • Nature of soils • Identification of soil • Classification of soil • Soil survey procedure • Compaction • Quarries • Stabilisation • Slopes • Reinforced earth

Concrete: Introduction • General concrete specifications • Materials for concrete • Mix proportions and quantities • Concrete mix design • Concrete production • Reinforcement • Joints • Precast concrete • Prestressed concrete • Concrete roads

Bitumen: Introduction • Sources of bitumen • Bitumen and tar • The production of bitumen • The composition of bitumen • The behaviour and characteristics of bitumen • Types of bitumen • Sampling • Tests on bitumen • Applications of bitumen • Health and safety

Structural material: brick, timber, steel and aluminium: Introduction • Bricks • Timber • Metal • Aluminium

Environmental issues: Environmental engineering • The interdependence of conservation and development • Population figures • Soil erosion • Water pollution • Toxic waste • Air pollution • The balance between humans and nature • Sewage • Eutrophication

Internal building construction materials used for finishes: Introduction • Floor coverings • Painting • Timber flooring

Key Features

Clear language is used which aids in explaining technical terminology and concepts • Fully worked examples are provided within each section • Self-evaluation questions with answers are included in each section for immediate practice and feedback • The answers to the self-evaluation questions appear at the end of each chapter • The process of constructing a house is used as a golden thread throughout the book, acting as an example, and demonstrating the practical application of civil engineering materials • A methodology is used that is suitable for both contact and distance education.

Recommended for

Tertiary students studying towards a National Diploma or Bachelors Degree in Civil Engineering. It is also essential reading for anyone looking to gain a firm grounding in the application of materials within the field of civil engineering in general.

About the author

Errol van Amsterdam is a former lecturer at Cape Peninsula University of Technology and the owner and Managing Director of C2C Consulting Engineers. He has also written *Construction Methods for Civil Engineering (Juta)*. He holds a Masters degree in Engineering Management.



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Construction Methods for Civil Engineering

E van Amsterdam

Construction Methods for Civil Engineering second edition bridges the gap between school and university by explaining, in plain language, the fundamentals of civil engineering through practical examples and everyday concepts.

This edition has been fully revised. It has in-depth explanations of various civil engineering concepts and acknowledges the major shift of focus towards Expanded Public Works Programmes and employment creation. Furthermore, it encourages students to access virtual information through recommended websites and other sources of information. Civil engineering concepts are related to situations encountered in the field to enhance understanding of these concepts.

Contents

Earthworks: Introduction • Definitions • Foundations • Choosing foundation types • Excavations • Timbering • Basic timbering excavation terminology • Trench excavation terminology • Trench excavation safety • Excavating basements • Retaining walls • Construction plant • Excavation plant • Earth-moving plant • Compaction plant

Structures: Introduction • Structural forms • Structural steel forms • Precast concrete forms • Scaffolding • Formwork • Concrete placing and compaction • Brickwork bonding

Road engineering: Introduction • Road terminology • Earthworks • Geometric design of roads • Pavement design • Rigid concrete pavements • Road drainage • Accommodating services

Dams: Introduction • Definitions • The reason dams are built • Dam feasibility study • Dam types • Embankment (earth) dam design • Concrete dam design • Dam construction • Water conservation

Bridges: Introduction • Types of bridges • Bridge design components • Criteria for designing a bridge • Bridge materials • Reinforced concrete vs structural steel • Prestressed concrete • Foundations

Tunnels: Introduction • Definitions • Tunnelling

Harbours: Introduction • Definitions • Functions of a harbour • Harbour structures and facilities

Railways: Introduction • The permanent way • Definitions • Rails • Sleepers • Fastenings • Ballast • Formation • Turnouts and crossings • Grades • Track Maintenance

Airports: Introduction • Definitions • Airport master plan • Airport structure • Pavement structure • Drainage

Safety: Introduction • Machinery and Occupational Safety Act • Protective clothing • Workman's Compensation Amendment Act • National Occupational Safety Association (NOSA)

Drainage: Introduction • Definitions • Drainage materials • Surface drainage (rain water) • Pipe and gutter

Key Features

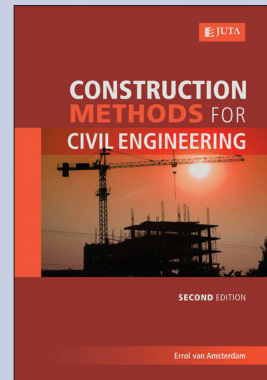
Clear language is used which aids in explaining technical terminology and concepts • Assumes no prior knowledge of construction methods • Covers the essential basic information • Self-evaluation questions with answers are included in each chapter for immediate practice and feedback

Recommended for

Construction Methods for Civil Engineering second edition is written for tertiary students who are studying towards a National Diploma or Bachelors Degree in Civil Engineering. It introduces the fundamental concepts related to various forms of construction and is essential for anyone looking to gain a firm grounding in construction methods within the field of civil engineering in general.

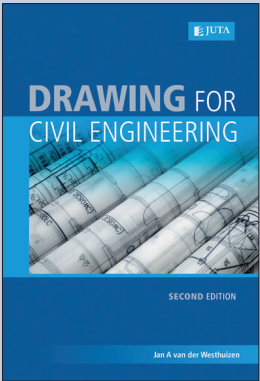
About the author

Errol van Amsterdam is a former lecturer at Cape Peninsula University of Technology and is the owner and Managing Director of C2C Consulting Engineers. He holds a Masters Degree in Engineering Management and is the author of *Construction Materials for Civil Engineering* second edition.



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2nd edition 2011
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WebPDF 9780702195655
R341.00

Drawing for Civil Engineering

JA van der Westhuizen

Drawing for Civil Engineering second edition has been revised and now includes computer applications. It is a practical, up-to-date, introductory text for engineering students. It covers the fundamentals of drawing, as well as draughting practice and conventions. Although it is designed for students, it will provide a useful reference for educators and draughts people, practising engineers, fabricators, and contractors. Technical terms are explained in plain language, making it easy and enjoyable to read.

Contents

Module 1–Reinforced Concrete: Introduction and standard tables • Foundations and columns • Beams and slabs • Using Computer Aided Concrete Training

Module 2–Structural Steelwork: Tables • Base-to-column connections • Beam-to-column connections • Beam-to-beam connections • Roof structures

Module 3–Surveying: Introduction to surveying • Positioning of structures on a site plan • Introduction to CAD in surveying

Appendix • Index

Key Features

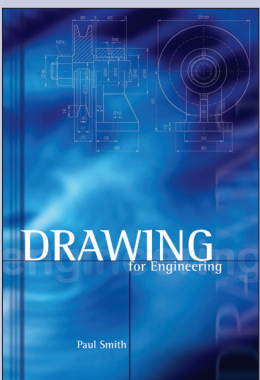
Builds on a basic knowledge of drawing principles • Provides practical and up-to-date information • Step-by-step guidance throughout the text • Teaches principles via explicit examples • Self-evaluation exercises assist students throughout • Answers to exercises and activities are provided • Introduces the use of CAD and COMPACT software.

Recommended for

Engineering students and students in related disciplines • Anyone looking to gain a firm grounding in one of the key disciplines of engineering

About the author

Jan Adriaan van der Westhuizen is a senior lecturer and currently serving as Head of Civil Engineering and Surveying at Mangosuthu University of Technology. He lectures Computer Drawing II.



2000
200 pages
Soft cover
Printed 9780702144066
R347.00

Drawing for Engineering

P Smith

Based on the South African Bureau of Standards Code of Practice for Engineering Drawing (SABS 0111), this book is a step-by-step guide to drawing techniques. It teaches both technical drawing and freehand sketching, and has special units with applications for mechanical and chemical engineering.

Contents

Drawing equipment • Application of the alphabet of lines • Lettering, figuring and dimensioning • Freehand sketching • Constructions • Layout of drawings • Sectioning • Conventional representations • Fasteners • Assembly drawings • Pipe drawings (chemical) • Appendix • Terms, abbreviations and symbols

Recommended for

First-year engineering students or related disciplines • Anyone looking to gain a firm grounding in one of the key disciplines of engineering

Engineering Thermodynamics

JA Leach

Engineering Thermodynamics deals with the application of these laws to power-generating plants, such as coal-fired power stations. It is an important and rewarding subject that has serious implications for our future industrial development.

Contents

Preface • Acknowledgments • Nomenclature Thermodynamics • Flow processes and reversibility • Heating of gases • Steam • Throttling of steam • Boilers • Steam plant • Condensers and air pumps • Combustion of fuels • Heat transfer • Appendix A – Properties of water and steam • Appendix B – Answers to self-assessment exercises

Key Features

Short chapters so that the desired outcomes can be easily followed • Ample worked examples followed by self-assessment exercises with answers that are provided at the back of the book • Important terms summarised in a glossary for easy reference

Essential MATLAB/Simulink, The

– For Engineers and Scientists

E Chikuni & OI Okoro

MATLAB is a software package for high-performance computation. Combined with Simulink, this is a de-facto industry standard for the analysis, modelling and visualising of complex systems.

This comprehensive textbook is ideal for engineers, scientists and those in the financial sector who want to grasp the essence of systems modelling and computation.

Contents

General Information on MATLAB • General Information on Simulink • Matrix and Complex Number Operations • Data Analysis • Equations • Graphs • Introduction to System Modelling • Application of MATLAB & Simulink in Control Systems Engineering • Modelling with Simulink Subsystems

Key Features

Real-life examples and systems to enhance understanding • Exercises at the end of each chapter to test your understanding of the concepts • Extended coverage of engineering applications • References for additional reading

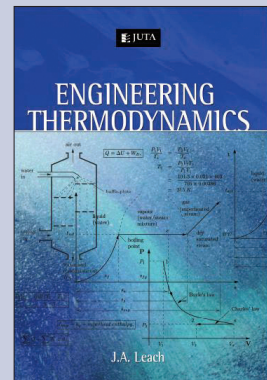
Introduction to Engineering Surveying, An

K Landman, T Hunter & J Jackson

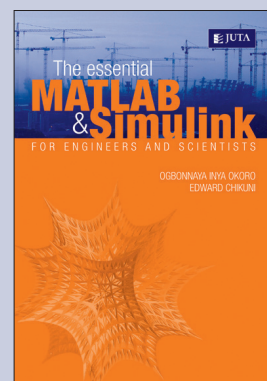
An Introduction to Engineering Surveying is written for Civil Engineering and Geomatics or Land Surveying tertiary students who are studying towards a Bachelors Degree or a National Diploma. It covers a wide range of spatial measurement methods that support civil engineering planning. The methods described include levelling, traversing, satellite surveying, preparation of topographic maps and setting out of roads, construction platforms and reservoirs.

Contents

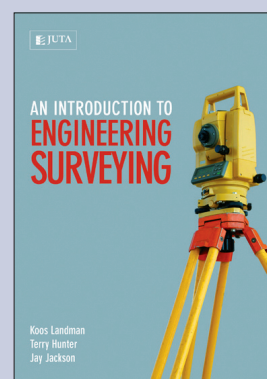
Preface • Introduction to engineering surveying • The South African survey reference system and basic co-ordinate calculations • Angle and distance measurement • Traversing using a total station • Calculations on the projection • Satellite surveying • Cadastral surveying • The determination of heights • Circular curves • Transition curves • Vertical curves • Construction surveying • Topographical surveys • Index



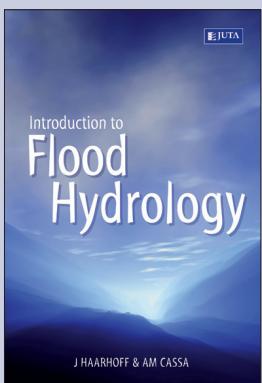
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Key Features

- The map co-ordinate conventions adopted in southern African survey datums are used throughout. The reader is also introduced to the international UTM co-ordinate system as well as to geographical co-ordinates.
- The Cape, Hart94 and ITRF survey datums as well as modern control system support through VRS are described.
- The cadastral methods used in South Africa and most SADC countries are described.
- All methods and techniques are illustrated and explained.

About the authors

Koos Landman is a Senior Lecturer and programme co-ordinator at Mangosuthu University of Technology for the Surveying Programme. *Terry Hunter* is a Senior Lecturer and Survey Co-ordinator at Durban University of Technology. *Jonathan Jackson* is a retired Senior Lecturer from the University of KwaZulu-Natal with teaching experience at three other universities.

Introduction to Flood Hydrology

J Haarhoff & A Cassa

Introduction to Flood Hydrology brings together in a single volume all the formulae, maps and graphs necessary for a comprehensive understanding of flood hydrology, amply illustrated by worked examples. The flood estimation methods it contains were developed specifically for South African conditions. While the book retains its focus on fundamental principles, it introduces readers to a rich matrix of data and methods available to the South African hydrologist, thereby serving as a valuable reference tool for practising engineers, technologists and technicians.

Contents

South African Flood Hydrology • Point and Areal Precipitation • Catchment Properties • Flood Estimation by the Rational Method • Flood Estimation by the Standard Design Flood Method • Flood Estimation by Hydrograph Analysis • Empirical Flood Estimation • Probabilistic Flood Estimation • Comparison of Flood Estimation Methods • Flood Routing through Rivers • Storage Basin Properties • Flood Routing through Dams • Simplified Hydrographs for Urban Hydrology • Index • Formula sheet

Key Features

- Learning outcomes at the start of each section to indicate what you will achieve.
- Semester-based structure: the text is structured in 13 sections, to be conveniently used over a half or full semester of 13 weeks.
- A summary formula hand-out sheet is provided to be used by lecturers during tests and examinations.
- Fully worked examples at the end of each section.
- Comprehensive coverage of flood estimation methods: all the empirical, deterministic and probabilistic methods commonly used in South African practice are presented.
- Flood routing procedures to allow the routing of floods through rivers and dams.
- Boxed hydrology equations for convenient reference and review at the end of each section.



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Introductory Digital Systems for Engineering

MR Bera

This book teaches the principles and techniques of digital systems through a range of examples. It has step-by-step solutions to exercises and over 200 practical examples, activities and self-evaluation exercises to assist the learner. A glossary of important terms makes it easily accessible to the new learner.

Contents

Preface • Introductory concepts • Basic Logic functions • Working with logic functions • The NAND and NOR logic gates • Simplification using Boolean algebra • Simplification using Karnaugh maps • Basic combinational logic circuits • Application of combinational logic • Sequential logic circuits • Appendices: Pin outs of digital ICs • Sample data sheets • Glossary • Answers to self-evaluation exercises • Recommended reading

Key Features

No prior knowledge of digital systems is required • Graphics are used to explain difficult concepts • Teaches principles and techniques through a range of examples • Step-by-step solutions to exercises • Suitable for individuals or groups and for distance education • Over 200 practical examples, activities and self-evaluation exercises assist the learner • Glossary of important terms

Introductory Electronics for Engineering

M Podges

This book introduces students to all the basics of electronics. After working through this book, a student will have a good knowledge of DC power supplies, signal/function generators, digital multimeters, oscilloscopes and low-power analogue electronic devices.

Contents

Preface • Instruments • Semiconductor theory • Diode theory • Diode applications • Transistor theory • Transistor applications • Transistor applications • Field effect transistors.

Key Features

No prior knowledge of electronics is required • Graphics are used to explain difficult concepts • Promotes learning through stimulating activities • Suitable for individual or group study • Teaches principles via explicit examples • Self-evaluation exercises support the learner throughout • Outcomes and summaries support learner-centred education • Answers provided to all exercises and activities • Suitable for distance education

Introstat

LG Underhill & D Bradfield

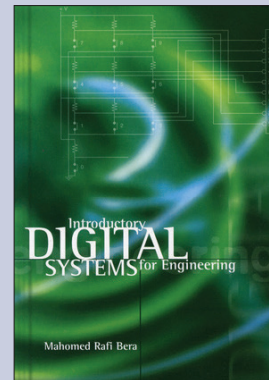
This textbook assumes that students have a basic understanding of differentiation and integration. It was designed to meet the needs of students, primarily those in business, commerce and management, for a course in applied statistics.

Contents

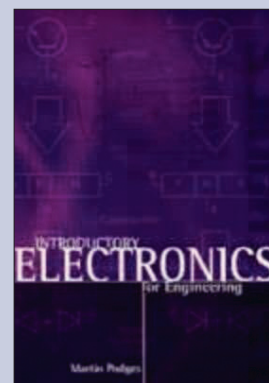
Exploring data • Set theory • Probability theory • Random variables • Probability distributions I: The binomial, Poisson, geometric, hypergeometric and uniform distributions • More about means • The t- and F-distributions • The chi-squared distribution • Proportions and survey samples • Regression and correlation

Key Features

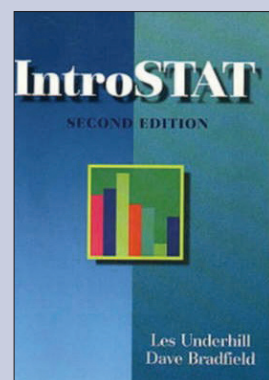
This book intends to maximise the time lecturers spend on explaining concepts and doing examples. It is for this reason that three types of examples are included in the chapters. Those labeled 'A' are used to motivate concepts and often contain explanations of methods. They are for use in lectures. The 'B' examples are worked examples for students to work through during private study. The 'C' examples contain problem statements. A selection of these can be tackled in lectures without the lecturers having to write up descriptions of examples or students copying them down.



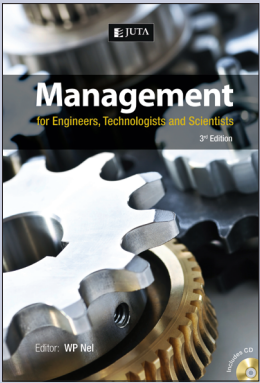
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Management for Engineers, Technologists and Scientists

WP Nel (Editor)

Management for Engineers, Technologists and Scientists third edition introduces the reader to management and related issues, which are essential when dealing with customers, suppliers, contractors, accountants and managers, either inside or outside of an organisation.

Contents

Foreword • How to Use this Book • About the Authors • Acknowledgements • The Environment in which Technical People Work • Principles of General Management • Human Resource Management • The Impact of Employment Relations and Labour Legislation on an Organisation • Managing People and Teams • Engineering Contracts and Law • Operations Management • Total Quality Management • An Introduction to Safety Management • Maintenance Management • Marketing and Diffusion of Innovation • The Engineer, User of Information and Communication Systems • Principles of Project Management • Introduction to Accounting, Economics, Financial Management and Budgeting • Cost Estimating, Cost Engineering and Cost Management • Time Value of Money and Project Selection • Business and Technology Strategy • Managing Technology and Innovation • An Overview of Environmental Management and Sustainable Development Concepts for Management Practices • Entrepreneurship • Ethics for Engineering Professionals • Glossary, Industry Terms and Acronyms • Index

Key Features

This new edition has been substantially revised and includes an all-new chapter on engineering ethics, as well as additional information vital to those working in small- and medium-sized enterprises.

Recommended for

An introductory level management textbook written specifically for senior undergraduate engineering students and those working in an engineering discipline • An invaluable tool for the existing or aspirant technical manager

About the editor

Willem (Willie) P Nel is a senior lecturer and the coordinator for Mining at the University of South Africa's School of Engineering. He holds qualifications in mining, management, the physical, and mathematical sciences and economics.



1999
404 pages
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Mechanics for Engineering

H Fawkes

This book introduces all the basic concepts of mechanics – from measurement accuracy, through the concepts of moments and equilibrium, gravity and friction, to the application of momentum and impulse.

Contents

Measurement, numbers and units • Forces • Moments • Centres of gravity and centroids • Friction • Internal forces • Rectilinear motion • Angular motion • Centripetal force • Work, energy and power • Momentum and impulse • Lifting machines

Sanitary Plumbing Services in South Africa

BH Clark

This is the first book published in South Africa that deals comprehensively with the engineering aspects of hot and cold water reticulation, sanitary plumbing above ground and drains below ground. Many years of experience of architectural practice and a careful examination of the current thinking of experts in the field, have enabled the author to establish the critical areas of knowledge and to present this in an easily followed and comprehensively illustrated text. This work represents a valuable contribution in a very important area that has received minimal consideration to date.

Key Features

- The best present-day practices are explained.
- Practical diagrams are found throughout the text.
- The work traces the evolution of plumbing, enabling the reader to comprehend regulations in force.
- The high pressure balanced hot-cold reticulation with a detailed examination of layout considerations, material selection and all important issues of control fittings and pipe sizings.
- Various sanitary plumbing discharge systems are examined, leading to the advanced single stack pipe system and closed drainage system that eliminates complex, wasteful and unsightly pipe work, maintenance, manholes and open gullies.

Statistical Methods and Calculation Skills

I Willemse

This book covers Statistical methods and Calculations skills. Statistical methods cover collection of data, descriptive methods and inferential methods of analysis. Calculation skills cover elementary calculations, percentages and ratios, equations, graphs and interest calculation. The elementary calculations include basic calculations such as exponents, decimals, scientific notation, logarithms and rounding. Students with no mathematics background can learn how to do basic calculations before concentrating on the statistical applications. For some courses calculations such as interest, future values of investments, graphs and ratios form part of the core module and are also covered in this module.

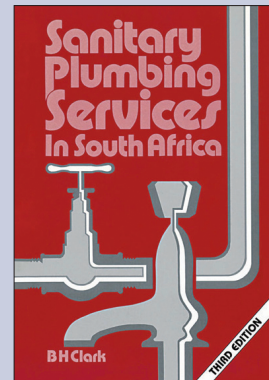
Contents

Part A: Introduction • Collection of data • Summarising data using tables and graphs • Summarising data using numerical descriptors • Index numbers • Summarising bivariate data: Simple regression and correlation analysis • Time series • Probability: basic concepts • Probability distributions • Statistical inference: estimation • Hypothesis testing

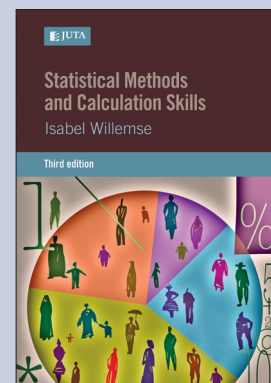
Part B: Elementary calculations • Percentages and ratios • Equations and graph construction • Interest Calculations

Key Features

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