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Pre-Contract Practice and Contract Administration for the Building Team

The Aqua Group

Revised by **Mark Hackett** and **Ian Robinson**

This new, combined volume of the well known Group books *Pre-contract Practice and Contract Administration* covers the construction process from inception of the project through to invitation to tender, placing of the contract to settlement of the final account. The contents have been substantially revised to take account of new industry developments following the Latham and Egan Reports and contract changes.



2002, PAPERBACK, 0-632-05485-9, 272 PAGES, 40 ILLUSTRATIONS, £22.50



Tenders and Contracts for Building

Third edition

The Aqua Group

The books by the Aqua Group have long been established guides to good practice for the building team, as well as for students. *Tenders and Contracts for Building* examines the wide range of tendering procedures and contractual arrangements now available to clients in addition to traditional competitive tendering. It discusses the differing circumstances dictating the choice of both tendering procedures and contractual arrangements and discusses their advantages and disadvantages.

1999, PAPERBACK, 0-632-04277-X, 176 PAGES, 18 ILLUSTRATIONS, £15.99



Better Construction Briefing

Peter Barrett and Catherine Stanley

Poor construction briefing continues to result in late buildings which do not adequately meet a client's requirements. This book, based on detailed research with industrial partners, identifies five key areas where briefing can be improved: empowering the client; managing the project dynamics; appropriate user involvement; team building; and the use of appropriate visualisation techniques. The areas for improvement are described in detail and are backed up with comments from clients and practitioners. A series of case studies adds further practical detail.

1999, PAPERBACK, 0-632-05102-7, 152 PAGES, 30 ILLUSTRATIONS, £38.50

THE CONSTRUCTION OF BUILDINGS SERIES

R Barry, Stephen Emmitt and Christopher Gorse

Robin Barry's *The Construction of Buildings* series has undergone a major revision. While the new books continue to be based on Barry's original concept of explaining construction technology through key functional/performance requirements for the main elements common to all buildings, they now also provide a comprehensive update to cover developments of the last 10 years. They deal with site assembly and environmental issues, not just design and technology; feature photographs for the first time and at £47 for the pair represent excellent value for money.

Barry's Introduction to Construction of Buildings

R Barry, Stephen Emmitt and Christopher Gorse

Barry's Introduction to Construction of Buildings (previously volumes 1, 2 and part of 5) addresses primarily first year (level 1) students and covers domestic construction.

Contents:

Introduction; Site analysis and set-up; Groundworks and foundations; Floors; Walls; Roofs; Windows; Doors; Stairs and ramps; Surface finishes; Solid Fuel, Gas and electrical services provision; Water supply, sanitation and refuse disposal.

2004, PAPERBACK, 1-4051-1055-4, 560 PAGES, £22.50



Barry's Advanced Construction of Buildings

R Barry, Stephen Emmitt and Christopher Gorse

Barry's Advanced Construction of Buildings (previously volumes 3, 4 and part of 5) is aimed at second year (level 2) students and covers commercial and industrial construction.

Contents:

Introduction; Scaffolding and associated work; Foundations and substructures; Single storey frames; Shells and lightweight coverings; Structural steel frames; Structural concrete frames; Cladding and curtain wall construction; Prefabrication and off-site production; Lifts and escalators; Fit out and second fix; Heating, cooling and services provision; Alternative approaches to construction.

2005, PAPERBACK, 1-4051-1054-6, APPROX 624 PAGES, APPROX £24.50



The Building Regulations

Explained and Illustrated

Twelfth edition

M. J. Billington, M. W. Simons and J. R. Waters

"This book must be essential reading for all members of the Institute and an important work of reference for students" *ASI Journal*

"Overall a very sound piece of work" *Construction Manager*

"An invaluable aid...each chapter's issues are concise, with easy-to-follow guidance, and with a good depth of technical knowledge.. thoroughly useful and well-presented ... should be on every practioner's bookshelf." *Building Engineer*

"Its value in time saving makes it a cost effective investment for anyone involved in the design of buildings" *Architect and Surveyor*

Now in its twelfth edition, this book is considered *the* authority on Building Regulations by the industry. It provides a straightforward, highly illustrated guide to building control in England and Wales. The new edition takes account of major revisions to the regulations on energy conservation (Part L), sound (Part E) and fire (Part B).

It also includes revisions to Part H on drainage and waste disposal and Part J on heat producing appliances, together with updates to the legal and administrative chapters.

2003, PAPERBACK 0-632-05837-4, 848 PAGES, 235 ILLUSTRATIONS, £42.50



The Scottish Building Regulations

Explained and Illustrated
Third edition

George Bett, Frith Hoehnke and James Robison

The Third Edition has been substantially revised to take account of major changes to the Regulations and Technical Standards since the last edition was published in 1996.

These major changes concern Parts D, E, J, M and R and other minor revisions have also been included.

2003, PAPERBACK, 0-632-04945-6, 400 PAGES, 100 ILLUSTRATIONS, £33.50



Means of Escape from Fire

M. J. Billington, A. Ferguson and A. G. Copping

There is a great deal of legislation on means of escape design and control, but this is scattered throughout a large number of statutes, regulations and guidance documents. Many buildings need to be licensed and/or registered, as well as requiring certification and Building Regulation compliance. This book provides an invaluable reference on the subject for architects, surveyors and building control officers. It:

- identifies the legislation which applies to any particular building use
- describes the general principles of designing means of escape, together with a ten step approach for a range of residential and non-residential buildings
- considers alternative design options based on fire safety engineering
- outlines fire safety management in premises in use as an aid to employers, who have a statutory duty to undertake fire risk assessments
- covers both simple and complex buildings, and new and existing structures.

2002, HARDBACK 0-632-03203-0, 304 PAGES, 90 ILLUSTRATIONS, £45.00

Inspection Copies

If you teach students this book may help. To apply for an inspection copy please see the inside cover.



Standard Letters for Building Contractors

Third Edition

David Chappell

Whenever a contractor undertakes work using one of the standard building contracts, however small the job, he will be involved in writing a good many letters. Some will be formal notices he is required to give; others will be letters it is prudent to send.

This book provides a set of over 270 standard letters for use with the standard forms of building contract and sub-contract and aims to cover all the common situations which contractors will encounter when involved in a contract. The letters are for use with: JCT 98; Design and Build Form WCD 98; Intermediate Form IFC 98; Minor Works Agreement MW 98; GC/Works/1 (1998); JCT Standard Form of Domestic Subcontract (2002); DOM/2 (1998); NSC/C (1998); NAM/SC (1998); GC/Works/SC (2000).

The current edition takes account of substantial revisions to the standard forms of contract and introduces the JCT Domestic Subcontract and the form of subcontract for use with GC/Works/1 (1998). New features include withholding notices and letters concerning adjudication.

Although primarily written for contractors, the book will also be of use to subcontractors.

2003, HARDBACK, 0-632-05556-1, 320 PAGES, £51.50



See also

The Party Wall Casebook

Paul Chynoweth

on page 13

Skills and Productivity in the Construction Industry

Linda Clarke and Georg Herman

This book demonstrates the link between skills and productivity by combining comparisons of European education and training systems with detailed case studies of study in social housing projects. It analyses the whole construction process, from professionals to operatives in four European countries - Denmark, Germany, the Netherlands and Great Britain, covering a wide range of topics from education and training to the organisation of the production process.

- Provides an insight into the creation and division of skills
- Offers a unique European comparison in an area of growing concern to the industry
- Makes an important contribution to the low skill/low productivity debate.

2006, HARDBACK, 1-4051-1362-6, 224 PAGES, 20 ILLUSTRATIONS, APPROX £49.50



Code of Estimating Practice

Seventh Edition

Chartered Institute of Building

This code of practice, long established as a leading publication for the construction industry, provides an authoritative guide to essential principles and good practice in estimating for building work. The seventh edition includes new material on estimating strategy, procedures and best practice in different procurement situations, supply chain management, risk identification, e-tendering, as well as the build-up of unit rates of cost, and overheads and profit. The standard forms for which the previous edition was renowned, have been retained.

Contents: Introduction; Project appreciation; Procurement; Cost estimate; Tender settlement; Post-tender activities; Top-down approaches; Contractual arrangements; E-commerce;

2006, PAPERBACK, 1-4051-2971-9, 224 PAGES, APPROX £39.50



Loft Conversions

John Coutts

Domestic loft conversions have gained enormously in popularity as a way of providing more space without the substantial cost of moving house.

With more than 150 drawings, *Loft Conversions* is an important new technical resource for construction practitioners. It is the first manual of its sort to provide comprehensive guidance on all aspects of the conversion process, including:

- Design – aesthetic and practical implications of all major loft forms, including roofspace-only, mansard, traditional and box dormer conversions.
- Structure – assessing and adapting the existing building fabric; steelwork, floor, wall and roof specification.

Contents: Preface; Acknowledgements; Lofts and the law; Survey and primary structure; Floor structure; External wall structure; Roof structure; Cladding and windows; Insulation and internal lining; The staircase; Services; Design solutions; Loft forms; Lofts in new build; History of the loft; Appendix I Statutory requirements; Bibliography and references; Glossary; Index.

2006, PAPERBACK, 1-4051-3043-1, 256 PAGES, APPROX £34.50



Construction Communication

Stephen Emmitt and Christopher Gorse

"A well-written, logically structured and well referenced text...[it]

represents the first serious attempt to explore communication within the industry and I would commend it as a robust introductory text for students, academics and practitioners"

Construction Management & Economics

Communicating the design intent, from initial briefing through the design stage and on to the actual construction is vital to the success of any building project. This book looks at communication across physical, organisational and cultural barriers with a view to improving the design and construction process.

The authors present three easy-to-read sections: communication in general; an overview of how communication works in building; and a practical, integrating section that students and practitioners will use for best practice guidance. Checklists and case studies offer practical guidance.

2003, PAPERBACK, 1-4051-0002-8, 224 PAGES, 50 ILLUSTRATIONS, £24.99



Research Methods for Construction

Second Edition

Richard Fellows and Anita Liu

"should become a useful reference text in the libraries of colleges and universities." **Construction Manager**

Providing guidance on research methods for construction students, this book is divided into three sections: producing a proposal, executing the research and reporting the results.

The new edition features more material on qualitative research, data analysis and application of techniques.

Contents: Part 1 Producing a proposal: Requirements and approaches; Topic for study; Part 2 Executing the Research: Initial research; Approaches to empirical work; Hypotheses; Data collection; Data analysis; Part 3 Reporting the Results: Results; Inferences and conclusions; Reports and presentations.

2003, PAPERBACK, 0-632-06435-8, 240 PAGES, £19.99



Construction Technology

An illustrated introduction

Eric Fleming

This comprehensive introduction to the technology of low-rise construction includes sub-structure (site work, setting out and foundations) and superstructure (flooring, roofs, finishes, fittings and fixtures).

It offers tried and tested solutions to a range of construction problems and is organised following the sequence of construction. There are summaries of the more important BSI documents and full reference to the latest building regulations. It

- summarises, with diagrams and bullet point explanations all the elements of the building process
- includes worked building estimate examples
- is heavily illustrated with detail drawings and clear photographs.

2005, PAPERBACK, 1-4051-0210-1, 320 PAGES, 550 ILLUSTRATIONS, APPROX £22.50



See also

Building Ecology

First Principles for a Sustainable Built Environment

Peter Graham
on page 26

Principles of Construction Safety

Allan St John Holt

"a vast amount of information ... an impressive and very satisfactory work." **The RoSPA Occupational Safety & Health Journal**

"full of valuable advice and practical help ... a fine addition to safety publications."

Construction Manager

This book provides a unique resource for all those who construct or procure the construction of projects of all sizes and in all countries and for clients who need to keep abreast of their own and their contractors' responsibilities.

It gives practical guidance on best practice, including:

- measuring performance and recording information
- developing a safety policy and method statements
- assessing risk
- training and understanding people
- the basics of the construction/environment interface.



The book addresses several topics not found in other reference works, discussing techniques of health and safety and basic environmental management as applied to the industry. It uniquely provides 50 quick reference guides setting out solutions to common problems. These include falls, manual and mechanical handling, work with asbestos and noise. It also summarises the main UK legal requirements on construction safety and health and includes a number of useful checklists and model forms.

Written by a very experienced health and safety practitioner, who is also author of the highly successful IOSH book Principles of Health and Safety at Work, this book will be welcomed by all responsible for health and safety. It will also provide an excellent text for the NEBOSH (National Examination Board in Occupational Safety and Health) Construction Safety and Health national certificate.

2005, PAPERBACK, 1-4051-3446-1, 288 PAGES, £29.99

See also

Sustainable Development

Understanding the Green Debates

Mark Mawhinney
on page 26

Roof Construction and Loft Conversion

Third edition

C. N. Mindham

"easy to read and concise; an excellent book" **Building Engineer**

Containing over 150 detailed construction drawings, *Roof Construction and Loft Conversion* covers cut roofs, bolted truss roofs, trussed rafter roofs, roof windows and dormers for lofts, trimmed openings, ventilation. A new section deals with loft to attic room conversions, giving guidance on planning procedures, as well as dealing with structural matters and specifying conversion work. The Third Edition takes account of the design and construction changes required by BS 5268 Part 2:1996 and Part 3:1998. It introduces the reader to the forthcoming Eurocode requirements and includes updated information on the various truss plate systems.

The book is invaluable for architects, housebuilders, roof carpenters, building control officers, trussed rafter manufacturers and students of building technology.

1999, PAPERBACK, 0-632-05201-5, 224 PAGES, 150 ILLUSTRATIONS, £39.50



Construction UK

Introduction to the Industry

Ralph Morton

1.5 million people work in the construction industry, generating £65 billion of work each year, defining and creating the environment in which we live ...

Here at last is a thoroughly readable overview of the nature and history of the construction industry.

It will give you a clear understanding of how this vast and complex industry operates at the same time as exploring its main features - the markets, the principal players, ways of working - and provides the perfect foundation on which to base further study.

Construction UK also offers a context to the controversial issues of today's industry - sustainability, safety, efficiency, employment practices and procurement - explaining why things are the way they are and investigating the powerful trends for change.

2002, PAPERBACK, 0-632-05852-8, 240 PAGES, 25 ILLUSTRATIONS, £17.50



Construction Reports 1944-98

Edited by Mike Murray and David Langford

"The tabular comparison between the reports is excellent." **Building Engineer**

"exceedingly well written and readable...an excellent piece of work" **Construction Management and Economics**

Since the late 1990's the construction industry has been challenged to deliver better performance in terms of value for money, time for construction and defect free construction. Behind this remodelling of an industry is Government. This book documents how Government, through influential reports, has sought to shape the performance and attitudes of parties to the construction industry. It provides a critical review of 12 of the most significant, setting these against their political, social and economic background, and offers a ready reference and critique for researchers of construction management, government and economics.

2002, HARDBACK, 0-632-05928-1, 272 PAGES, ILLUSTRATED, £52.50

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Sound Control in Buildings

A Guide to Part E of the Building Regulations

M. W. Simons and J. R. Waters

Unwanted noise can be a significant nuisance in buildings, particularly dwellings. Part E of the Building Regulations for England and Wales has therefore introduced substantially improved standards for noise control and stringent new requirements for the testing of completed buildings.

This new book explains the regulations in detail and provides recommendations for good design and construction. It explains those aspects of sound transmission necessary for an understanding of Part E of the Regulations.

2004, PAPERBACK, 1-4051-1883-0, 248 PAGES, £36.50



CDM Regulations Procedures Manual

Second Edition

Stuart Summerhayes

The Construction (Design and Management) or 'CDM' Regulations require all those involved in construction to adopt an integrated approach to health and safety management. This Procedures Manual provides a documentation system for compliance with the statutory requirements.

- provides a ready made health and safety system for quality assurance purposes
- features a large number of flowcharts, checklists, model forms and standard letters
- updated to take account of the revised code of practice issued in 2002
- well conceived and presented - Occupational Health & Safety.

2002, PAPERBACK, 1-4051-0740-5, 176 PAGES, £47.50



Design Contribution to Health and Safety Management

Stuart Summerhayes

Construction is one of the worst industries in the UK for its health and safety record and, despite regular drives from the Government's Health and Safety Executive (HSE), the number of deaths and injuries on site remain unacceptably high.

The HSE have been targeting contractors from some years but they are now turning their attention to designers who also have a responsibility to ensure that their designs take account of health and safety, whether it is during the construction process or later at the maintenance stage.

This new publication will give guidance to construction practitioners with a design responsibility on how to identify and manage health and safety risks, and on the design strategies to be followed. It will include a number of case studies and court cases and enquiries as examples.

2007, PAPERBACK, 1-4051-32752, APPROX 176 PAGES, APPROX £39.50



See also

Previously Developed Land

Industrial Activities and Contamination

Paul Syms

on page 22

Avoiding Claims in Building Design

Risk Management in Practice

Malcolm Taylor

The chance of being claimed against is now a major risk factor for every building designer, engineer, quantity surveyor and project manager. Sensible risk management can identify the potential sources of claims, reduce their likelihood, warn the practice of impending trouble and control how the claim is to be defended. This book sets out how to plan a risk management strategy and suggests techniques which can supplement the practice's existing management procedures without imposing unnecessary bureaucracy.

2000, PAPERBACK, 0-632-05326-7, 304 PAGES, 10 ILLUSTRATIONS, £47.50

Energy Conservation in Buildings

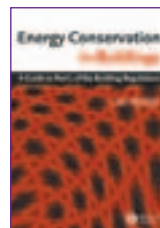
A Guide to Part L of the Building Regulations

J. R. Waters

Tough measures for energy conservation came into force in 2002 under the Building Regulations for England and Wales.

Part L now covers virtually all buildings and almost all potential causes of building energy consumption, and it includes many new features. This book provides an essential companion to Approved Documents L1 and L2, describing, explaining and expanding on the information they contain. It contains numerous worked examples and extensive tabular material, and includes a chapter on air tightness of buildings - a new feature of the regulations - and the procedures for air leakage testing, together with a chapter on thermal bridging.

2003, PAPERBACK, 1-4051-1253-0, 216 PAGES, £27.50



Specification Writing for Architects and Surveyors

Eleventh edition

C. J. Willis and J. A. Willis

This book provides a practical tool, by means of checklists, for the building specifier.

1997, PAPERBACK, 0-632-04206-0, 144 PAGES, £24.99

Painting and Decorating

An Information Manual

Fifth edition

A. Fulcher, B. Rhodes, W. Stewart, D. Tickle, J. Windsor and D. Butterfield



This textbook presents a series of concise, simply written and well illustrated technical information sheets, providing essential job knowledge and understanding for the painter and decorator. It gives thorough coverage of materials and equipment – both decorative and industrial – currently in use, and gives useful guidance on specification. Throughout, considerable emphasis is placed on safety precautions.

The Fifth Edition has been extensively revised to include new developments in tools and equipment, materials, scaffolding, and health and safety regulations.

The content covers the knowledge evidence for both National Vocational Qualifications (NVQs) and Scottish Vocational Qualifications (SVQs) in painting and decorating. The book's extensive but concise information will make it an excellent reference for practising painters and decorators.

2005, PAPERBACK, 1-4051-1254-9, 312 PAGES, £19.99

Hot and Cold Water Supply

Second edition

R. H. Garrett, on behalf of British Standards Institution

This book provides a highly illustrated guide to the design, installation and maintenance of hot and cold water supply systems for domestic buildings. Based on British Standard BS 6700, the new edition takes account of revisions to the standard since the book was first published in 1991. It has also been updated to give guidance on the 1999 Water Supply Regulations and includes revisions to the Building Regulations. Written for designers and installers, this immensely practical book will also be of interest to technical staff of water undertakers, property services managers and students of NVQ and BTEch courses.

2000, PAPERBACK, 0-632-04985-5, 352 PAGES, 270 ILLUSTRATIONS £34.95

Roofing Ready Reckoner

Third edition

Ralph Goss

Third Edition revised by **C. N. Mindham**

Fully revised, the third edition of this renowned book by Ralph Goss has been made even more valuable with the addition of many new illustrations, and takes into account not only traditional cut roof construction but also modern trussed rafter assembly methods. Proven as a book for professionals, the book is now equally suitable for the keen DIY enthusiast. All information is given in both metric and imperial units and a number of new tables have been added.



2001, PAPERBACK, 0-632-05765-3, 192 PAGES, ILLUSTRATED, £12.99

Parry's Graining and Marbling

Third edition

Revised by **B. Rhodes**

1995, PAPERBACK, 0-632-03416-5, 136 PAGES, 43 ILLUSTRATIONS, £24.99

Plastering

An Encyclopaedia

Third edition

W.D. Stagg and B.F. Pegg

This book provides a thorough introduction to the techniques of modern plastering and a comprehensive treatment of present-day fibrous plasterwork. It also includes full technical details of solid work, and thorough coverage of obsolete practices for the purpose of conservation work. It features working drawings in isometric projection to present a three dimensional picture of specific jobs.

1999, PAPERBACK, 0-632-05381-X, 312 PAGES, 140 ILLUSTRATIONS, £22.50

Plumbing

Heating and Gas Installations

Second edition

R. D. Treloar

This book provides a single volume text for plumbing, heating and gas installation courses for NVQ students at levels 2 and 3. It tackles the subject, topic by topic, in double page spreads of text and illustrations so that the reader can grasp essentials quickly and easily. Special features include: concise text; lots of clear illustrations; a self assessment section; a problem solving section. The new edition takes account of changes in the industry since the book was first published, including the Gas Safety Regulations 1998 and the Water Supply Regulations 1999. Additional topics have been added to assist the trainee. The book will also be useful as a concise reference for the trained plumber.

Contents: Underpinning Knowledge; Hot and Cold Water Supplies; Central Heating; Gas Supplies; Oil Supplies; Electrical Work; Sanitation; Drainage; Sheet Weathering; Assessing Your Knowledge; Index.

2000, PAPERBACK, 0-632-05332-1, 432 PAGES, 202 ILLUSTRATIONS, £21.50



Plumbing Encyclopaedia

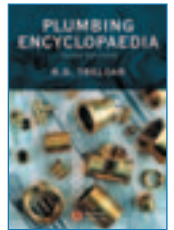
Third edition

R. D. Treloar

Designed in encyclopaedic form to enable the student, plumber or heating engineer to select information quickly on specific aspects of their craft, this book includes over 1500 entries, with more than 370 illustrations, describing terms, components, working practices etc. used in the mechanical services industry, particularly in the field of plumbing.

The latest edition includes over 200 new or revised entries, with more details on aspects of the gas industry. It also now covers air conditioning. Many changes to legislation and British Standards have occurred since the last edition and these have also been included.

2003, PAPERBACK, 1-4051-0613-1, 528 PAGES, 445 ILLUSTRATIONS, £23.99



Gas Installation Technology

Roy Treloar

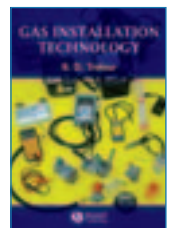
This book is for everyone concerned with gas installation work, whether plumbers, heating engineers or dedicated gas fitters.

It is a definitive text for students taking NVQ gas installation and plumbing courses, and a useful reference for operatives renewing their gas competences.

Covering domestic, commercial and LPG installations, the book provides essential information in a concise, readable format, heavily illustrated with diagrams and photographs. It is a companion to the author's highly successful textbook, Plumbing, presenting, as it does, information, topic by topic, in a series of double page spreads.

Contents: Introduction; Acknowledgements; Abbreviations & acronyms used; The Gas Industry; Gas Utilisation; Gas Controls; Installation Practices; Tightness Testing & Purging; Flues; Ventilation; Gas Installer Responsibility; Domestic Appliances; Commercial Appliances; Non-Permanent Dwellings; Electrical Concepts & Practices.

2005, PAPERBACK, 1-4051-18806, 464 PAGES, 350 ILLUSTRATIONS, £22.50



See also

Loft Conversions

John Coutts

Page 2

Inspection Copies

If you teach students this book may help. To apply for an inspection copy please see the inside cover



Public Private Partnerships

Managing Risks and Opportunities

Edited by **Akintola Akintoye, Matthias Beck and Cliff Hardcastle**



This authoritative edited collection of contributions from academic experts and practising construction professionals worldwide will familiarise you with the issues involved in the planning, implementation and day-to-day management of public-private projects.

Case studies have been selected - hospitals, schools, waste management and housing - to exemplify best practice in PPP-based procurement. The book is structured into four parts:

- issues of communication
- stakeholder perspectives
- international perspectives
- frameworks for the management of PFI risks.

2003, HARDBACK, 0-632-06465-X, 448 PAGES, 25 ILLUSTRATIONS, £65.00

Knowledge Management in Construction

Edited by **Chim J Anumba, Charles Egbu and Patricia Carrillo**



"This book provides practical guidance and I consider it essential reading for all participants in the construction process." **Sir Michael Latham**

A key problem facing the construction industry is that all work is done by transient project teams, and in the past there has been no structured approach to learning from projects once they are completed. Now, though, the industry is adapting concepts of knowledge management to improve the situation.

This book brings together 13 contributors from research and industry to show how managing construction knowledge can bring real benefits to organisations and projects. It covers a wide range of issues, from basic definitions and fundamental concepts, to the role of information technology, and engendering a knowledge sharing culture. Practical examples from construction and other industry sectors are used throughout to illustrate the various dimensions of knowledge management. The challenges implementing knowledge management are outlined and the ensuing benefits highlighted.

Contents: Nature And Dimensions Of Knowledge Management; Construction As A Knowledge-Based Industry; The Business Case For Knowledge Management; Organisational Readiness For Knowledge Management; Tools And Techniques For Knowledge Management; Cross-Project Knowledge Management; Knowledge Management As A Driver For Innovation; Performance Measurement In Knowledge Management; Km Strategy Development: A Clever Approach; Corporate Memory; Building A Knowledge Sharing Culture In Construction Project Teams.

2005, HARDBACK, 1-4051-2972-7, 240 PAGES, £49.95

Willis's Practice and Procedure for the Quantity Surveyor

Eleventh edition

Allan Ashworth and Keith Hogg

Provides an introduction for the student and young practitioner to the work of the quantity surveyor both in private practice and contracting organisations. The new edition reflects the extensive changes affecting the work of the profession, its wider role and the new skills required.

2001, PAPERBACK, 0-632-05334-8, 384 PAGES, 35 ILLUSTRATIONS, £32.50



Pre-Contract Studies

Development, Economics, Tendering and Estimating

Second Edition

Allan Ashworth

This book describe the development process of a building project up to the stage when the contract is placed. It introduces the development process and the parties concerned; deals with development economics; then budgeting, costing and cash flow. Finally it examines procurement methods and the principles of tendering and estimating. The new edition has been updated with new chapters on building economics and cost planning plus recent trends. Originally written primarily for CIOB students, the book now meets the needs of undergraduate courses in construction.

2002, PAPERBACK, 0-632-06472-2, 288 PAGES, 35 ILLUSTRATIONS, £24.99

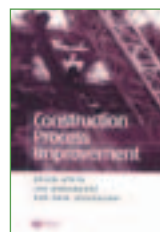


Construction Process Improvement

Edited by **Brian Atkin, Jan Borgbrant and Per-Erik Josephson**

Much has been said about how the construction process could be improved to deliver buildings in less time, for less money and to a higher quality. However few, if any books provide an integrated view of the new methods, techniques and tools required. This book starts from a sound understanding of customer needs and shows how to improve construction's competitiveness. It brings together research from 20 projects looking at issues of quality, time and cost, and considers both modern industrialised systems and methods as well as the refurbishment of existing buildings.

2003, PAPERBACK, 0-632-06462-5, 320 PAGES, 40 ILLUSTRATIONS, £52.50



Strategic Management of I.T. in Construction

Edited by **Martin Betts**

After years of being slow to change, the construction industry has finally started to appreciate the importance of information technology as a tool in construction process re-engineering. This book brings together leading academics, construction management practitioners and experts from I.T. companies to show why the new technologies of I.T. and communications are of such importance to the modern construction business. It introduces the concept of strategic management and the importance of I.T. as an enabler for new developments. It describes current practice of using I.T. for construction, with major case studies of I.T. management from the UK and elsewhere in the world, and it considers best practice benchmarks. Finally, it shows how these concepts, techniques and practical ideas can be applied to move current practice forward.

1999, PAPERBACK, 0-632-04026-2, 432 PAGES, 45 ILLUSTRATIONS, £52.50

Whole Life-Cycle Costing

Risk and Risk Responses

Abdelhalim Boussabaine and Richard Kirkham

The methods, techniques and application of whole life-cycle costing (WLCC) are presented and discussed in this book, followed by an introduction to the theory of risk and its relevance to WLCC. The four elements of risk management: risk identification, risk quantification, risk analysis and risk response are examined within the framework of WLCC to provide students and practitioners with the knowledge, tools and confidence to deal effectively with risk.

- provides the reader with a thorough grounding in the theory of whole life-cycle costing
- reduces uncertainty in decision-making through sound risk management
- systematic approach to planning post-occupancy costs, e.g. maintenance.

Foreword by *Nigel Dorman, NHS Estates.*

Contents: Part I: Fundamentals of WLCC: Towards an understanding of WLCC; WLCC risk management; Key decisions in the WLCC process; Fundamentals of WLCC analysis; Whole life risk analysis techniques. Part II: WLCC: The design stage; Design service life planning; Design environmental life cycle assessment; WLCC planning at the design stage; Whole life risk and risk responses at design stage; WLCC of mechanical and electrical services: A case study. Part III: WLCC: Construction and occupancy stages; Whole life risk and risk responses in the construction stage; Whole life risk and risk responses at operation stage; WLCC in the operation stage; WLCC of building assets occupancy: A case study.

2004, HARDBACK, 1-4051-0786-3, 240 PAGES, 25 ILLUSTRATIONS, £47.50



Understanding the Construction Client



David Boyd and Ezekiel Chinyio

This book has both an educational and an industry readership. Students of construction need to understand their future clients and the industry needs to re-appraise its current understanding and dealings with clients. The authors include a model of engagement; and offer information about clients in a number of sectors. A number of short case studies and a toolkit are presented, as well as some practical exercises for construction teams to learn to deal with clients better.

2006, PAPERBACK, 1-4051-2978-6, 256 PAGES, APPROX £34.95

Building Services Component Life Manual

Building Lifespans

This manual provides much needed guidance on the longevity and maintenance requirements of mechanical and electrical plant (M&E). It sets out typical lifespans of building service components - boilers, pipes, ventilating systems, hydraulic lifts, etc. These are ranked according to recognised benchmarks of specification, together with adjustment factors for differing environments, use patterns and operating regimes. Summaries of typical inspection and maintenance requirements are provided, along with specification guidance and references to further sources of information.

2001, HARDBACK, 0-632-05887-0, 160 PAGES, £85.00

Strategic Issues in Public-Private Partnerships



An International Perspective

Mirjam Bult-Spiering and Geert Dewulf

The book provides an international overview of developments in public-private partnerships (PPP) in different countries, and addresses the various characteristics and approaches to PPP. Drawing on a number of international studies carried out by the authors, the book describes the rationale behind various PPP approaches and aims to stimulate a more strategic discussion of PPP.

Contents: Introduction: PPP in a historical perspective; Procurement in construction; Characteristics of PPP; Private Finance Initiative (PFI); Joint Ventures; New forms of PPP; Bibliography; Index

2006, HARDBACK, 1-4051-3475-5, APPROX 240 PAGES, APPROX £49.50

Performance Measurement for Construction Profitability

Clive Thomas Cain

This is a highly practical, easy to read guide, focusing strongly on the day-to-day needs of the practitioner. It uses the everyday business language of construction firms to explain how to set up and run performance measurement, self-assessment and benchmarking at strategic and project level.

The book is aimed at all those at the sharp end in every sector of the construction industry, including clients and end users, and is as relevant to small and medium enterprises as to major firms.

- Tells you what do differently on Monday, i.e. 'What does it all mean and how do I change what I do?'
- Practical and easy to read
- Comprehensive and informative, with real life examples.

2004, PAPERBACK, 1-4051-1462-2, 224 PAGES, £37.50



Profitable Partnering for Lean Construction

Clive Thomas Cain

'For practitioners in partnering, the book will give deeper insight and allow for reflection and comparison with their own experiences. It is an excellent text for students; they will gain good understanding, and issues arise that should give ideas for research projects.'
Building Engineer

This practical, easy to read guide focuses strongly on the ability of long-term strategic supply-side partnering to convert the traditionally high level of unnecessary costs into better and more sustained profits for all involved.

Using the everyday business language of construction industry firms, it explains why supply-side partnering makes good commercial sense and shows how to put the long-term strategic partnerships in place in each sector (consultants, construction contractors, specialist contractors, sub-contractors and manufacturers). This is a 'how to' book written in terms everyone can understand without the need for an expert interpreter or costly training.

2004, PAPERBACK, 1-4051-1086-4, 224 PAGES, £37.50



Construction Planning, Programming and Control

Brian Cooke and Peter Williams

This substantially revised and updated text explains how time, money and risk is controlled on construction projects using case studies and worked examples. Planning and project management during the design phase is now included and the content on procurement and contracts has been updated and extended. There are new chapters on procurement of contracts, managing risk and managing the supply chain. Fayol's seven principles of management are explained in a modern construction context.

The book retains its core content on budgets, cost-value reconciliation, the planning process and programming techniques but now places more emphasis on finance and cash flow for the client and contractor. Sections have been added on the importance of procurement programmes and early warning systems applied to managing major projects. A major case study has been included on a current project highlighting contractor control procedures.

2004, PAPERBACK, 1-4051-2148-3, 454 PAGES, £26.99



Process Management in Design and Construction

Rachel Cooper, Ghassan Aouad, Angela Lee, Song Wu, Andrew Fleming and Michail Kagioglou

Process management enables efficiency improvements by identifying and integrating generic sub-processes. This book provides a comprehensive introduction to process management in design and construction helping to meet the business needs of the construction industry in a highly competitive global environment. The book identifies the current state of the industry in the process management field, illustrates trends and developments and demonstrates these through case study evidence. It also provides practical guidance by identifying possible pitfalls and illustrates best practice drawn from construction and appropriate manufacturing applications.

Contents: Introduction; The new product development process; Techniques and technologies for managing the product development process in construction; Case study: The generic design and construction process protocol; Implementation; Appendix: A glossary of the process protocol phases.

2004, HARDBACK, 1-4051-0211-X, 224 PAGES, 25 ILLUSTRATIONS, £45.00



Inspection Copies

If you teach students this book may help. To apply for an inspection copy please see the inside cover.



Code of Practice for Project Management for Construction and Development

Third edition

The Chartered Institute of Building

The Code of Practice outlines the roles and responsibilities of all members of the professional team and has been drafted by the Chartered Institute of Building and representatives of the leading professional organisations.

The Third Edition reflects the changes in construction practice initiated by the Latham and Egan Reports. Each stage of project management is discussed and specimen forms, checklists and typical documentation are provided. The Code is recognised as an industry standard.



2002, PAPERBACK, 1-405-10309-4, 240 PAGES, 25 ILLUSTRATIONS, £45.00

Value and Risk Management

A Guide to Best Practice

Michael Dallas and Davis Langdon

Published on behalf of the Chartered Institute of Building



'I strongly recommend this book to all those who wish to raise their understanding of value and risk management. It is essential reading for those who want to add value and reduce uncertainty in their development and construction projects.' Peter Rogers, Chairman of the Strategic Forum for Construction and Constructing Excellence

Most books on value and risk management are long on technique, but short on sound, practical advice. This book provides both, and describes what works and what does not, in the UK and elsewhere in the world.

The book describes:

- the underlying concepts of value and risk management and how they relate to one another
- the different issues to be addressed throughout the life of the projects, from inception to use
- practical ways for handling people and organisations with different interests
- commonly used and effective techniques
- It features a range of case studies and explores value and risk management in sectors outside construction to show how these may influence future best practice in construction.
- It is one of the few books that explore the relationships between Value and Risk and the benefits of integrating the management of both.
- Published in conjunction with the Chartered Institute of Building, the book has been endorsed by a broad range of industry bodies.

2005, PAPERBACK, 1-4051-2069-X, 272 PAGES, APPROX £39.95

See also

Code of Estimating Practice

Seventh Edition

Chartered Institute of Building

on page 2

Construction Management in Practice

Second edition

Richard Fellows, David Langford, Robert Newcombe and Sydney Urry

This book covers business strategy, industrial relations, health and safety, managing people, financial management and quantitative methods. The text includes end of chapter review questions and a range of illustrative examples.

Since the book was first written in 1982 much has changed. The Second Edition has been thoroughly revised and takes account of the increase globalisation of construction, the move from public to private sector work, the drive for productivity, changing procurement methods, new emphasis on life cycle costing and much more. It will provide a valuable text for undergraduate and postgraduate courses as well as offering useful insight for practitioners undertaking CPD activities.

2001, PAPERBACK, 0-632-06402-1, 392 PAGES, 112 ILLUSTRATIONS, £24.99

Cost Planning of Buildings

Seventh edition

Douglas J. Ferry, Peter S. Brandon and Jonathan Ferry

"the classic text for many practitioners and academics...well written, as expected, and adds considerable value to this very interesting topic area." **Engineering, Construction & Architectural Management**
"useful reading for people moving into the area of economics and the professional role as the client's financial manager. It provides background reading to many of the degree programmes currently available." **Building Engineer**

This book, widely regarded as the leading text on the subject, reflects the broad understanding required by today's cost planners in their increasingly important role as the client's financial manager. The book has been updated and reorganised to reflect the industry's move from work for the public to the private sector, and greater emphasis on refurbishment rather than new work. The contents are divided into three parts, covering the various stages of the construction process: Stage 1: The brief and the budget - establishing the budget from the standpoint of the client's needs and resources; Stage 2: Designing the budget - designing the project within the client's budget; Stage 3: Controlling the cost - maintaining the budget throughout the project. At each stage theoretical examples are included, together, for the first time, with some up-to-date, real life examples.

1999, PAPERBACK 0-632-04251-6, 392 PAGES, 70 ILLUSTRATIONS, £24.99

Cost Control in Building Design

An Interactive Learning Text

Roger Flanagan and Brian Tate

"It should be on the essential reading list for all students of building, architecture and surveying - it is also equally relevant to the needs of consultants and contractors."

Construction Manager

Cost control and cost planning are an important part of quantity surveying and construction management courses. This concise and easily accessible text uses programmed learning to demonstrate the ideas of cost control and cost planning from first principles and takes them forward into practice. Worked examples are used throughout.

1997, PAPERBACK 0-632-04028-9, 320 PAGES, £18.99

Whole Life Appraisal

Roger Flanagan and Carol Jewell

Whole life appraisal is a valuable tool that considers both cost and performance over the whole life of a facility and involves balancing the capital costs against the future operating and maintenance costs, whether it is a school, a road, an airport or a power plant. Privatisation around the world has led to an increase in the number of build-operate-transfer/public private partnerships/concession schemes where a concession is granted to design, finance, build and operate a facility over a time horizon of 20-30 years. Balancing whole life cost and performance against the capital costs is crucial to the concession form for the economic viability of the investment.

This book explains the principles, techniques and use of whole life appraisal in a straightforward, practical and comprehensible way. It addresses the data problems that arise and explains the jargon shrouding the whole life appraisal concept. Finally, it discusses the benefits and challenges of using a whole life approach for the appraisal of assets from design, through construction and into the operating phase.

2004, PAPERBACK, 0-632-05046-2, 224 PAGES, £32.50

Risk Management and Construction

Roger Flanagan and George Norman

Since this book was first published over 10 years ago the subject of risk management has grown considerably more important for the construction industry.

This book provides a broad overview of what is meant by risk, and the way it influences decisions made in the construction industry. It also describes some of the tools and techniques used in risk management.

1993, PAPERBACK, 0-632-02816-5, 224 PAGES, £42.50

The Practice of Construction Management

Fourth edition

Barry Fryer, Charles Egbu, Robert Ellis and Christopher Gorse



"a fascinating and thought-provoking read, far superior to similar books I have studied."
Building Engineer

This book offers construction managers and students a readable account of management ideas and practices, concentrating particularly on the human side of construction management. It pulls together what has been learned both from management practice and research, and summarises the main themes and trends.

Since the last edition in 1997, many new initiatives and government sponsored reports are beginning to impact on organisational strategy and culture, and the industry in general. This new edition has been substantially revised to reflect the latest management thinking and to include new sections on communication, conflict management and managing innovation. It also features for the first time tutor-led debate topics, discussion items or questions at the end of each chapter.

It will provide a readable textbook for final year undergraduates and postgraduates of construction management, and for construction managers faced with the tasks of promoting a culture of collaborative working and balancing relationships with commercial issues.

2004, PAPERBACK, 1-4051-1110-0, 368 PAGES, £26.50



Construction Management

A Critical Guide to Industry Improvement

Stuart Green

This book sets out deliberately to challenge current directions in construction management, confronting the assumption that knowledge is uni-dimensional and accumulative.

The author justifies the adoption of a critical perspective with reference to the broader literature on construction management studies. Current trends in construction management are put in the context of social, economic and political change over the past thirty years. A recurring theme throughout the book will be the complex interplay between the espoused managerial rhetoric and the realities of structural change in the construction sector.

Contents: Introduction; Construction management in critical perspective; Business process; re-engineering; Lean construction; Partnering; Collaborative working; Performance measurement; Culture change; Counter criticisms; Conclusion: where next?

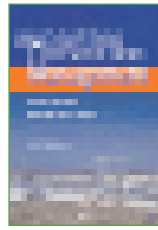
2007, PAPERBACK, 1-4051-3046-6, 220 PAGES, APPROX £34.95



Modern Construction Management

Fifth edition

Frank Harris and Ronald McCaffer



"a must for all who aim to become proficient in construction management" **ASI Journal**

Since the last edition of this well established text was published there have been major developments in the field of construction management, and the book has been restructured and substantially updated to reflect these. Revisions include new procurement methods such as partnering and PFI initiatives, as well as quality management, benchmarking and lean construction techniques. The chapters on company management, business development and financial management have been fully updated.

2001, PAPERBACK, 0-632-05513-8, 608 PAGES, 130 ILLUSTRATIONS, £27.99



Improving Productivity A Contractor's Guide to Leaner Construction

Malcolm Horner and A Roy Duff

This guide provides a definitive manual to measuring, controlling and improving productivity. It represents the culmination of nearly 20 years of research involving contracts with building and civil engineering companies - ranging from large multi-nationals to small, local house builders, and draws heavily on the authors many years of industrial experience.

2007, 1-4051-2380-X, 224 PAGES, APPROX £37.50



Whole-life Costing

In the Construction Industry

Malcolm Horner, Mohammed El-Haram and Sasa Marenjak

This book sets out a step-by-step procedure for preparing the elements of whole-life costing throughout the life of a constructed project, i.e. design-build-commission-operate-maintain-support-dispose.

There are two unique aspects to the book: the development of a WLC breakdown structure which will provide a mechanism for cost allocation and categorisation; and a WLC estimating tool.

The guide also covers financial modelling, risk management and accuracy of WLC. Practical applications via a case study are included at each step of the process.

2006, HARDBACK, 1-4051-2381-8, 336 PAGES, APPROX £49.50



Financial Management in Construction Contracting



David Hugill and Andrew Ross

This textbook provides a general introduction to costing and budgeting for construction but in particular it covers cost and value reconciliations (CVRs). There is a wide range of approaches to preparing these reports and, without being over-prescriptive, the authors provide a useful framework for students by giving an outline of the key requirements, together with an evaluation of the alternatives. The student is guided through capital budgeting, good CVR practice and give them an effective set of rules for accurate forecasting.

2007, PAPERBACK, 1-4051-2506-3, 256 PAGES, APPROX £27.50



Building Design Cost Management

David Jaggar, Andy Ross, Jim Smith and Peter Love

'a most useful and informative book...value lies in the contemporary relevance of its treatment of the key topics covered and its approachable style.' **Construction Management and Economics**

This introductory textbook explains the development, application and pivotal role of design cost management from inception through to completion of a project, and considers its context and relevance within current construction procurement arrangements, including design and build. The text discusses the need for improvements in communication between all those involved in the process, and outlines how to achieve better information management, underpinned by information technology, to help overcome the criticisms of the industry for too often delivering projects late, over budget and of poor quality.

See also www.bdcn.co.uk for dedicated links to live BCIS costs.

Contents: The context: Definitions, historical influences and the basic approach; Design cost management (DCM): The cost planning infrastructure; DCM and changing trends in construction procurement; Future directions in construction procurement; DCM: Models and data; DCM: The feasibility stage; DCM: Sketch plan stage; DCM: Working drawing stage; Estimating the cost bracket: Feasibility stage; Refining the cost advice: Sketch plan stage; Confirming the cost targets; Detailed design stage; DCM and the future; Appendices; References; Index.

2002, PAPERBACK 0-632-05805-6, 240 PAGES, 38 ILLUSTRATIONS, £24.99



Value Management of Construction Projects

John Kelly, Steven Male and Drummond Graham

'An excellent reference book ... the practical experience of the authors is apparent as are their academic credentials'
Building Engineer

This book presents an integrated value philosophy, methodology and tool kit for improving project delivery for construction clients. The book draws together insights from over 200 value studies conducted by the authors across a range of projects varying in size from £1m to over £1bn and procurement routes including partnering, PFI, prime contracting and Procure 21. This practical experience is integrated with extensive research and analysis of standards and best practice worldwide. The standards include specifically the British Standard on value management, BS EN 12973:2000, and SAVE International's Standard for the Value Methodology.

The book examines in detail the value process, function analysis and team dynamics, proposes a method for determining the client's value system, and presents solutions to undertake value studies at different stages of the project.

2004, PAPERBACK, 0-632-05143-4, 320 PAGES, 20 ILLUSTRATIONS, £35.00



Best Value in Construction

Edited by John Kelly, Roy Morledge and Sara Wilkinson

Published in conjunction with the RICS Foundation

"[This book] will make a major contribution to the advancement of the methods by which construction professionals provide a service to their clients" - **Professor Peter Brandon**

Achieving value in construction is now emerging as the main challenge facing the construction team if they are to offer the best service for the client. No longer is the aim simply to keep costs under control. This book from the RICS Foundation analyses how to provide best value by the effective application of leading edge techniques and processes throughout the entire life cycle of buildings, from the business case which underpins their initiation to the achievement of a satisfactory project out-turn.

Contents: Best value in construction; Building the business value case; Construction project briefing / Architectural programming; Benchmarking; Value management; Risk management; Building project price forecasting; Life cycle/whole-life costing; Environmental management; Procurement strategies; Supply chain management; The management of a project; Facilities management; Post-occupancy evaluation(POE); Sustainable building maintenance.

2002, PAPERBACK, 0-632-05611-8, 304 PAGES, 50 ILLUSTRATIONS, £27.99



Commercial Management of Projects

Defining the Discipline

Edited by David Lowe

This book presents the current state of knowledge concerning commercial management and a research agenda for the development of an underlining theory. It establishes an intellectual framework for this area, bringing together contributions from the leading academics in the field.

The book is divided into three main sections. First, Context: will outline research into the background and environment within which commercial managers operate; second, Process: will present research into the process of commercial management, while the third, Techniques: will cover research into techniques adopted by commercial managers.

Contents: PART 1: EXTERNAL MILIEU: Competition; Culture; Procurement in the Context of Commercial Management. PART 2: CORPORATE MILIEU: Corporate Governance and Shareholder Value; Strategies for Solutions; The Effectiveness of Marketing Spend; Trust and Commercial Managers: Influences and Impacts; Outsourcing. PART 3: PROJECTS MILIEU: Management of Uncertainty; Conflict Management and Dispute Resolution; Performance Measurement; Value Management of Complex Projects. PROJECT MILIEU: The Governance of Project Coalitions - Towards a Research Agenda; Contract Management; Bidding; Strategic Purchasing and Supply Chain management in the Project Environment: Theory and Practice; Cost Value Reconciliation: Signals from site Embodied Logic and Management Accounting on Construction Projects; After word: Identifying and defining a new inter-disciplinary research agenda for commercial management

2006, HARDBACK, 1-4051-2450-4, 432 PAGES, APPROX £79.50



Commercial Management Theory and Practice

David Lowe and Peter Fenn

This textbook provides a one-stop-shop to the many topics in commercial management. It draws on material developed as distance-learning modules and divides into four main sections: I - The commercial environment: develops a critical understanding of the environmental factors that influence commercial management; II - Techniques: develops an understanding of the various techniques used in commercial management; III - Commercial Strategies and Tactics: develops an understanding of the principles and practice of competitive bidding and bid evaluation; IV - Legal aspects: develops an understanding of the legal issues influencing commercial management. Examples and illustrations are included from both the private and public sector.

2007, PAPERBACK, 1-4051-2468-7, 352 PAGES, APPROX £27.50



International Construction

Mark Mawhinney

"It is an interesting book illuminated by examples from projects, firms, market sector and countries. It is a valuable contribution to the literature from which to learn about international construction" **David Langford, University of Strathclyde**

This book offers a clear understanding of the international construction market and an explanation of what knowledge is required to operate successfully in it. It also helps readers become familiar with some of the analytical tools available.

Drawing on both contractor and consultant case studies and including a practical 'hints and signposts' section, *International Construction* provides a lively and informed introduction for construction professionals moving into international work.

2001, PAPERBACK, 0-632-05853-6, 256 PAGES, 50 ILLUSTRATIONS, £43.50



Building Procurement

Roy Morledge, Adrian Smith and Dean Kashiwagi

This book examines the process of developing a strategic procurement approach, and considers how alternative strategies may be evaluated, and how the available tools and techniques should be applied in seeking successful solutions, both for one-off projects and also for longer term strategic alliances.

The impact of the supply and demand characteristics of the UK construction industry are mapped against current practice, recent initiatives and innovative concepts. Current process performance is considered in the context of client expectations and the potential for improvement.

- this book reflects the latest best practice, in particular increased emphasis on client needs
- features self assessment questions and annotated further reading.

Contents: Corporate procurement strategy; Project initiation and appraisal; Value, cost and design; Briefing and the design process; Procurement strategy and risk management; Project control.

2006, PAPERBACK, 0-632-06466-8, 208 PAGES, 21 ILLUSTRATIONS, APPROX £27.50



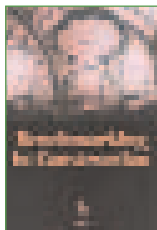
Join our free e-mail alerting service, and we'll send you news of the latest books in your field and/or journal tables of contents (with links to abstracts). See www.blackwellpublishing.com for more details.



Benchmarking in Construction

Steven McCabe

"This authoritative, comprehensive and admirably readable book is well timed ... All those involved in planning, managing and executing construction projects should make a point of reading and absorbing its wealth of background and practical advice." **Gareth Thomas, Construction Productivity Network**



Benchmarking is one of the key management techniques the construction industry now needs to adopt if it is going to meet the new targets of increasing efficiency. Preferred contractors are increasingly being awarded contracts if they can demonstrate the lean construction practices which benchmarking leads to. This accessible book helps the construction professional set up benchmarking systems. It explains the theoretical background and offers clear, practical guidance with extensive reference to case studies from 'best practice' firms.

2001, PAPERBACK, 0-632-05564-2, 304 PAGES, 25 ILLUSTRATIONS, £43.50

Project Management

Designing Effective Organisational Structures in Construction

David R. Moore



This book differs from the many other texts on project management by concentrating on the challenges of devising relevant structures for project management.

In a pragmatic, accessible style, the author has both added to the body of knowledge in this area and provided the project management with a set of effective management tools to:

- examine the criteria for designing structures within an organisation
- identify the factors relevant to the development of an initial project organisation structure
- assess the significance of an individual factor in the operation of a structure.

2002, PAPERBACK, 0-632-06393-9, 304 PAGES, 17 ILLUSTRATIONS, £38.50

Management Techniques Applied to the Construction Industry

Fifth edition

R. Oxley and J. Poskitt

"written in a direct style which is easy to read and understand." **Construction Manager**



1996, PAPERBACK, 0-632-03862-4, 400 PAGES, 280 ILLUSTRATIONS, £27.99

Construction Management

New Directions

Second Edition

W. D. McGeorge and Angela Palmer



The construction industry continues to face substantial demands for improvement in quality and cost control, and a reduction in contract disputes. A number of management concepts have been promoted to help achieve this, but many in the industry find the concepts confusing and are sceptical about their usefulness. This book brings together, in a single volume, the main management concepts relevant to the construction industry, providing an objective account of the concepts and showing how they interrelate: value management; buildability; benchmarking; total quality management; partnering and alliancing; supply chain management (new for this edition) and re-engineering

In addition to a new chapter on supply chain management, a new section on strategic alliancing has been added. Text and references have been updated throughout.

2002, PAPERBACK, 0-632-06042-5, 312 PAGES, 50 ILLUSTRATIONS, £34.95

Corporate Communications in Construction

Christopher N. Preece, Krisen Moodley and Alan Smith

Corporate communications is a vital management function which needs to be planned in line with the objectives and strategies of the organisation. However, until recently, little attention has been paid to this aspect of management by the construction industry. This text shows how corporate communication processes and techniques can be managed more effectively, and examines how the general principles can be adapted to the dynamic and often turbulent environment for construction.

1998, PAPERBACK, 0-632-04906-5, 192 PAGES, 20 ILLUSTRATIONS, £45.00

The Management of Projects

A relationship approach

Edited by Stephen Pryke and Hedley J. Smyth

The focus for this book is the client, rather than the building. Client-project relationships, as well as intra-coalition relationships are examined. This will help the student, academic and practitioner to understand the changing nature of reforms emerging in the wake of successive calls for change by the industry and client groups.

- Explores the relationship at the project interface: client-design team-contractor, stakeholders and supply chain relations
- Examines different concepts to the development and management of relationships; formation and maintenance issues
- Highlights some of the key issues that require development, both academically and through applied research.

2007, PAPERBACK, 1-4051-2431-8, 256 PAGES, APPROX £29.99

See also

Engineering Project Appraisal

Martin Rogers

on page 31

Engineering Project Management

Second edition

Edited by Nigel J. Smith

This book provides a clear description of the aims of project management and discusses the theory and practice of project management, particularly in relation to multi-disciplinary engineering projects, both large and small, in the UK and overseas.

The new edition features:

- new chapters on stakeholders, on supply and value chain management, and on effective partnering, with revised sections on privately financed concessions
- updated and expanded information on risk management
- new chapter on the project management of design
- updated and new sections covering environmental impact and the interface with project management.

Contents: Projects and project management; Value management; Project appraisal and risk management; Project management and quality; Environmental management; Project finance; Cost estimating in contracts and projects; Project stakeholders; Planning; Project control using earned value techniques; Contract strategy and the contractor selection process; Contract policy and documents; Project organisation design/structure; Design management; Supply chain management; Team based supply chains and partnering; Private finance initiative and public/private partnership; Aspects of implementing industrial projects; Project management in developing countries; The future for engineering project management; The role of the parties.

2002, PAPERBACK, 0-632-05737-8, 400 PAGES, 50 ILLUSTRATIONS, £34.50

Inspection Copies

If you teach students this book may help. To apply for an inspection copy please see the inside cover.



Managing Risk In Construction Projects

Second edition

Nigel J Smith, Tony Merna and Paul Jobling

Risk management provides a system by which project risks can be identified, assessed and managed.

There are a number of texts on the theory of risk management and on individual risk techniques. This book is unique, however, in dealing with the practical implementation of risk analysis in project management decisions.

This new edition has been thoroughly updated to reflect the latest developments in risk management with new chapters on PFI and PPP projects; risk registers; corporate risk; and uncertainty management.

2005, PAPERBACK, 1-4051-3012-1, APPROX 256 PAGES, APPROX £37.50



Project Management in Construction

Fourth Edition

Anthony Walker

This book adopts an essentially systems approach to organisation analysis and design from the initial concept of the project. It enriches this approach by incorporating both other relevant organisation theory and transaction cost economics. It is concerned particularly with the integration of the contributors to the process and the way in which decisions are made.

The fourth edition extends considerably the application of transaction cost economics to project management to explain how construction project organisations are formed. It incorporates the partnering phenomenon which is also explained using transaction cost economics. Organisation culture is included as a complement to other organisation theory and in addition contributes to the explanation of partnering.

2002, PAPERBACK, 0-632-05736-X, 304 PAGES, 25 ILLUSTRATIONS, £28.50



Willis's Elements of Quantity Surveying

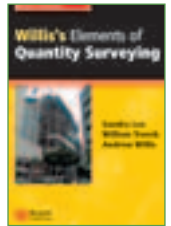
Tenth edition

Sandra Lee, Andrew Willis and William Trench

The measurement of building elements is a core subject for all quantity surveying students and this classic text, first published in 1935 under the authorship of Arthur J. Willis, sets down the measurement process from first principles and covers the main building elements. It also considers computerised measurement techniques using standard descriptions.

For the tenth edition greater explanation has been added to the measured examples and a chapter on steel framing has been added. Different approaches to measurement have been included to reflect the use of schedules and spreadsheets in practice including computer data entry.

2005, PAPERBACK, 1-4051-2563-2, 360 PAGES, £22.50



Marketing and Selling Construction Services

Hedley Smyth

This book demonstrates how marketing and sales can be developed. Specifically it introduces selling techniques tailored to the needs of construction; evaluates competing approaches to marketing and related sales theory; demonstrates the effect of these on organisational structures and processes, and examines how the top down and bottom up management approaches can be integrated through sales practice.

1999, PAPERBACK, 0-632-04987-1, 384 PAGES, 30 ILLUSTRATIONS, £45.00

Procurement Strategies

A Relationship-based Approach

Edited by Derek Walker and Keith Hampson

Construction has been an industry characterised by disputes, fierce competitiveness and fragmentation - all major obstacles to development. Now, however, a relationship-based approach to project procurement, through partnering and alliancing, aims to bring about a fundamental change.

This book addresses the critical relationship issues for a more collaborative and sustainable construction industry. It looks at how project procurement and project alliancing partner selection works, and how risk and crisis resolution are managed. It provides readers with guidance and models on how to put a relationship-based approach to procurement into practice, drawing on specific prototypes from an actual, successful project that can be adapted.

2002, PAPERBACK, 0-632-05886-2, 320 PAGES, 75 ILLUSTRATIONS, £49.50

Managing Construction Projects

An Information Processing Approach

Graham M. Winch

"It spills the dirt on things that went wrong, elucidates the history so you can understand the industry's current stance, draws on other countries experience and explains the latest management processes."

John D. Findlay, Director, Stent

"This is a valuable source for practitioners and students. It covers the A-Z of project management in a confident contemporary manner, and provides a powerful and much needed conceptual perspective in place of a purely prescriptive approach."

Peter Lansley, University of Reading

Drawing on a wide range of research to propose new ways of thinking about managing construction projects, this book explores the high grade management skills required to manage uncertainty, and offers improved techniques for thinking about challenging problems. Throughout the book theory is supported by vignettes and each chapter carries a complementary case study.

The book will help all construction practitioners who want to extend and develop their ability to manage their projects as a cohesive and integrated whole, and for those students on masters courses who are training in those capabilities.

2002, PAPERBACK, 0-632-05888-9, 496 PAGES, 39 ILLUSTRATIONS, £33.50



Construction Partnering & Integrated Teamworking

Gill Thomas and Mike Thomas

'As long as government continues to push collaborative working and best value, partnering will be in vogue'

If you are implementing partnering in your organisation and don't know where to start, this book covers everything you'll need - explaining all aspects of the partnering relationship from scratch.

Construction Partnering & Integrated Teamworking provides information and instruction on the full range of topics in sufficient depth and tells you:

- how to do it
- the tools you'll need
- the pitfalls to avoid.

With its accessible and practical approach, *Construction Partnering & Integrated Teamworking* trains you in the essential elements of partnering.

- an accessible and practical implementation guide
- meets the needs of managers getting to grips with partnering
- addresses all the issues within project and strategic partnering relationships

2006, PAPERBACK, 1-4051-3556-5, 248 PAGES, £39.50



Commercial Management in Construction

Ian Walker and Bob Wilkie

This handbook covers all the practices and procedures the quantity surveyor working in a contractor's office needs to know - from budgets and forecasts to cost-value comparisons and partnering. By giving a thorough account of the commercial aspects of the work of the contractor's QS, the book offers a useful insight into their day-to-day work, with plenty of sample documents, worked examples and extracts from the standard contracts.

2002, PAPERBACK, 0-632-05827-7, 192 PAGES, 20 ILLUSTRATIONS, £19.50



Total Facilities Management

Second Edition

Brian Atkin and Adrian Brooks

'The essential qualities of this book are its lucid presentation style and direct applicability of its contents' **Engineering, Construction & Architectural Management**



Bridging the gap between the theory of facilities management and its implementation, this book raises issues which all practitioners should consider before embarking on a particular plan. It shows the link between facilities management practice and an organisation's business objectives, and deals with issues known to concern practitioners.

This edition features chapters on change management, workplace productivity and research and development.

Contents: An introduction to facilities management; Developing a strategy for facilities management; Retaining services in-house vs. outsourcing; Change management; Human resources management implications; Policy and procedures for outsourcing; Policy and procedures for in-house provision; Service specifications, service level agreements and performance; Employment, health and safety considerations; Workplace productivity; Facilities management service providers; Managing service provider and supplier relationships; Contract management and financial control; Benchmarking best practice; Public-private partnerships; Education, training and development; Appendix A: Glossary

2005, PAPERBACK, 1-4051-2790-2, 256 PAGES, £37.50

Facilities Management

Towards Best Practice

Second Edition

Peter Barrett and David Baldry

This book will help facilities managers with specific problems whilst introducing them to a broad range of connected issues, which will allow them to enhance their general service.

The new edition features new material on user needs, briefing, contracting out and public sector case studies. It also draws on collaborative research from industry and academia.



2003, PAPERBACK, 0-632-06445-5, 304 PAGES, £36.50

Conservation Management in the Built Environment

Edited by Alastair Blyth and Robert Davidson

Published in conjunction with the **Chartered Institute of Building**

This book brings together a number of experts to examine the role conservation management is playing in creating sustainable environments, to look at best practice and to set agendas for the future. The interface between tourism and the conservation of historic buildings or entire districts of historical value are also examined.

2006, HARDBACK, 1-4051-4580-3, APPROX 288 PAGES, APPROX £

Architectural Conservation

Principles and Practice

Philip Grover and Aylin Orbasli

The value of our building heritage is becoming more and more appreciated, and conservation work is now an important part of the construction industry's output and of undergraduate and postgraduates' construction courses. However, there are few introductory texts to the subject of building conservation. This text, written for architects' and surveyors' courses is designed to give an understanding of the main principles, materials and problems in the field of conservation.

2007, PAPERBACK, 0-632-04025-4, 280 PAGES, £29.99

Building Maintenance Management

Barrie Chanter and Peter Swallow

"a fine publication and should be an essential purchase for all students studying property maintenance and a valuable reference for practitioners." **Chartered Surveyor Monthly**

With the growing cost of new buildings, good maintenance of existing buildings, and the management of maintenance programmes, have become increasingly important. This book explains to the construction professional and the larger building owner the management aspects of maintenance, which have developed substantially in the last 10 years with the growth of IT, and proposes the adoption of a building performance model as a prerequisite for proper building management.

2000, PAPERBACK, 0-632-05766-1, 336 PAGES, 50 ILLUSTRATIONS, £39.50

The Party Wall Casebook

Paul Chynoweth

'The Party Wall Casebook is a worthy and valuable addition to the growing body of knowledge in this area.' **The Earl of Lytton**

This book is an essential reference tool for surveyors, architects and lawyers. It provides a comprehensive analysis of 80 leading cases which define the courts' approach to the Party Wall etc Act 1996 and the related common law rules.

For ease of reference, the book contains an alphabetical digest of cases with an extensive subject index. The facts, key issues and decision in each case are summarised to provide easy access for the busy practitioner.

2003, HARDBACK, 1-4051-0022-2, 496 PAGES, 30 ILLUSTRATIONS, £47.50

Outsourcing for Facilities Managers

Patrick Jongbloet and Martin Pickard

Facility managers frequently find themselves faced with the task of outsourcing support services. A structured approach to a project of this kind is vital for a successful outcome. This book offers tools and techniques for strategic and operational facilities management.

2007, PAPERBACK, 1-4051-3697-9, APPROX 240 PAGES, APPROX £37.50

Concrete: Building Pathology

Edited by Susan Macdonald

This book deals with the diagnosis, prognosis and repair issues associated with concrete buildings.

Since the patenting and subsequent large-scale manufacture of modern cement in the nineteenth century, concrete has become one of the most widely used construction materials in the world. Those concerned with building pathology now need to understand problems specifically related to concrete and to identify appropriate methods of repair and remediation.

This book brings together experts in the history, defect diagnosis, remediation and maintenance of concrete. It includes case studies from around the world to illustrate the various repair methods available.

It will provide an invaluable guide for architects, building surveyors, structural engineers and specialist contractors as well as students of building pathology and conservation.

2002, PAPERBACK, 0-632-05251-1, 304 PAGES, 100 ILLUSTRATIONS, £49.50

Facility Management

Risks and Opportunities

Edited by Bev Nutt and Peter McLennan

This book helps build up a body of FM knowledge by providing access to the key issues (e.g. partnering, new patterns of working, e-commerce), as well as sharing the experience of leading practitioners. For example, the growth of private finance initiatives has wide implications for FM: how should facility managers deal with PFI and the long-term use of buildings?

2000, HARDBACK, 0-632-05797-1, 304 PAGES, £64.95

Building Surveys and Reports

Third edition

Edward Noy and James Douglas



This book deals with structural surveys for all types of building - domestic industrial and commercial - and includes diagnosis of a wide range of defects. It considers both modern and older construction methods, and deals with the particular problems of alterations and restoration work. Guidance is given on how to carry out measured surveys and on report writing. The third edition covers the latest definitions of types of property surveys, more information on report writing and a range of detail updates.

2005, PAPERBACK, 1-4051-2147-5, 432 PAGES, 80 ILLUSTRATIONS, £34.99

Flood Damaged Property

A Guide to Repair

David Proverbs and Robby Soetanto



With climate change and the development of property on flood plains, the flooding of buildings has become a considerable problem, both for property owners and their insurers.

This book, based on extensive research carried out for Lloyds TSB Insurance, provides property professionals and insurers with the first definitive guide on how to assess flood damage and benchmark standards for appropriate repair.

2004, HARDBACK, 1-4051-1616-1, 160 PAGES, 97 ILLUSTRATIONS, £39.50

Conservation and Sustainability in Historic Towns

Dennis Rodwell



This book examines how the two key issues of urban conservation and sustainability relate to each other in the context of historic cities, and how they can be brought together in a common philosophy and practice that is mutually supportive. It sets out the theoretical and practical background to architectural conservation and how its perceived relevance and level of attainment can be extended when harnessed to wider agendas of sustainability and cultural identity. It tests the achievement of urban conservation through case studies from across Europe and elsewhere, assessing them against the sustainability agenda.

2006, HARDBACK, 1-4051-2656-6, 288 PAGES, APPROX £39.50

Dampness in Buildings

Second edition

A. Oliver

Revised by J. Douglas and J.S. Stirling

1996, PAPERBACK, 0-632-04085-8, 368 PAGES, 100 ILLUSTRATIONS, £29.50

The Access Manual

Ann Sawyer and Keith Bright

"an incredibly informative text... it will enable you to keep the edge over non enlightened competitors"
Architectural Technology



"a useful book that is helpful in the context of our current built environment and what steps can be taken to improve access"
Barrierfree

It is critical that building owners and managers, facilities managers and those commissioning and designing new buildings (and works to existing ones) consider the implications of the Disability Discrimination Act. Knowledge of access audits and access management will be a vital factor in determining how well this can be done and will allow a more effective response to the new legal requirements. This book:

- shows how to commission and carry out an access audit
- offers a one-stop shop for guidance on the Disability Discrimination Act
- highlights the opportunities and pitfalls in managing an access improvement programme.

2003, PAPERBACK, 1-4051-0765-0, 208 PAGES, 25 ILLUSTRATIONS, £37.50

Sustainable Practices in Facilities Management



Sunil Shah

This authoritative and comprehensive guide to sustainable practice is approached from a FM perspective and covers issues from energy use to contract management. It will be very much a 'how to do' book covering both the what and how of planning and implementing sound environmental management practices in a context of facilities management operations.

2007, PAPERBACK, 1-4051-3557-3, APPROX 256 PAGES, APPROX £42.50

Building Pathology

Principles and Practice

David S. Watt

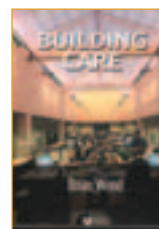
This book provides a well illustrated introduction to the concept of building pathology, bridging the gap between the current approaches to the surveying of buildings and the detailed study of defect diagnosis, prognosis and remediation. It features a number of case studies and a detailed set of references and further reading.

1999, PAPERBACK, 0-632-04875-1, 288 PAGES, ILLUSTRATED, £39.50

Building Care

Brian Wood

"this is a very well written book, interesting, comprehensive and easy to read, covering all aspects from maintenance to customer care to energy conservation"
Building Engineer



Building Care elevates maintenance to its proper professional level and explains new ideas in clear, understandable terms. Practical guidance is offered to those responsible for running buildings, surveyors, facility managers and property professionals - to help them carry out efficient and effective building care services.

2003, PAPERBACK, 0-632-06049-2, 208 PAGES, £23.50

Lee's Building Maintenance Management

Fourth edition

Paul Wordsworth

This textbook deals in a systematic and comprehensive way with the management of building maintenance. The new edition has been substantially updated to take account of changes in IT and the law and to include a new chapter on conservation and the environment.

2000, PAPERBACK, 0-632-05362-3, 368 PAGES, 60 ILLUSTRATIONS, £27.50

Built Cultural Heritage



Derek Worthing and Stephen Bond

This book is underpinned by two themes which have not been explored in any great depth in previous texts on built cultural heritage:

- An exploration of the idea of cultural significance and how it affects the way in which the built cultural heritage is conceived, identified and protected.
- The management of built cultural heritage.

It looks at management issues in the context of the overriding purpose of conservation, i.e. the protection and enhancement of cultural significance, and the framework of key policy and guidance documents.

2007, PAPERBACK, 1-4051-1978-0, 320 PAGES, £45.00

Inspection Copies

If you teach students this book may help. To apply for an inspection copy please see the inside cover.



JCT 05 Standard Building Sub-contract



Peter Barnes

Whilst there are a number of books on the main forms of building contract, very few deal with subcontracting. This book examines the new JCT Standard Building Sub-contracts for use with the radically revised 2005 JCT Standard Building Contract.

It looks at the key contract conditions, considers the rights and obligations of the parties and how risk is allocated, and discusses the main practical problems that arise.

2007, HARDBACK, 1-4051-4048-8, APPROX 336 PAGES, APPROX £49.50

Defective Construction Work



Kevin Barrett

Defective construction work – whether it is inadequate design or faulty workmanship, or a combination of the two – is a frequent cause of litigation or arbitration. It can involve not only the client, designer (architect or engineer) and contractor, but also on occasions the developer and his tenants, who will not be contractually linked to the designer or contractor. The situation is therefore frequently complicated. This book will examine the rights and obligations of all parties, and will include important recent case law and new statutory provisions, the Contracts (Rights of Third Parties) Act 1999.

2007, HARDBACK, 0-632-05929-X, 240 PAGES, APPROX £49.50

The NEC and JCT Contracts Compared



Deborah Brown

Most building clients and their advisors are familiar with JCT Contracts and the standard method of procuring traditional building work. The NEC form offers some radical new concepts and methods of procurement, and this book has therefore been written to explain the NEC by comparing it to the JCT Standard Form by highlighting the similarities and differences using a topic based approach.

It explains the key differences between the NEC and JCT forms of contract in a highly practical manner and will aid familiarity with the NEC for clients and practitioners new to the form. It relates established case law to the NEC to provide a reasoned analysis of the terms.

2006, HARDBACK, 1-4051-1823-7, 204 PAGES, APPROX £49.50

The FIDIC Form of Contract



Third Edition

Nael Bunni

'The great merit of this book is that [it] assimilates the complexities of the form and focuses upon the practicalities.'

Arbitration

In 1999 FIDIC introduced a new 'Red Book' for international civil engineering and large building projects, together with new Yellow, Silver and Green forms of contract for other types of project. However, the previous edition of the Red Book (the fourth edition) continues to be widely used and it seems likely that the 1999 edition will not replace it in the medium term, at least in certain parts of the world.

This important work therefore continues to be based on the fourth edition of the Red Book and considers the many developments affecting the fourth edition that have taken place since 1997, when the second edition of this book was published, and relates them to key contracting issues. It also includes an important new section considering the 1999 Red, Yellow, Silver and Green forms and how they interact with the previous form.

2005, HARDBACK, 1-4051-2031-2, 872 PAGES, £99.50



Building Contract Dictionary

Third edition

David Chappell, Derek Marshall, Vincent Powell-Smith and Simon Cavender

"If I had known that this book was in existence in its first edition (when I was appointed an Official Referee) I would have bought it. It would have been an enormous help to me." **Judge Peter Bowsher QC**

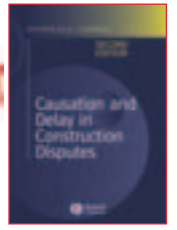
"Presented in a non-legal and highly-readable style, this book is a desirable addition to the specialist library and the professional office and as a useful reference book to architects, surveyors and construction professionals." **Construction Manager**

A succinct but authoritative reference to the terms encountered in and associated with building contracts. The new thoroughly updated edition incorporates changes in the law since the 1990 revision, the new editions of standard forms of contract now including NSC/C, NSC/W, DOM/1, DOM/2 and the Engineering and Construction Contract. Reference is also made to the Contracts (Rights of Third Parties) Act 1999, the Housing Grants, Construction and Regeneration Act 1996 and its associated adjudication and notice provisions.

2001, HARDBACK, 0-632-03964-7, 448 PAGES, 25 ILLUSTRATIONS, £65.00



Causation and Delay in Construction Disputes



Nicholas J. Carnell

'This book is splendid stuff...go and buy Carnell's book.' – **Tony Bingham, Building**

'The author makes effective use of his excellent knowledge and experience in the field [and] provides a very clear insight into the practical requirements of delay claims.' – **Civil Engineering Surveyor**

Construction claims frequently involve a dispute about delay. Whether or not the contractor or client has a claim which can be proved successfully depends on establishing causation and understanding legal rights and obligations. This book shows how to identify and avoid problems during the project, and analyses claims for delay. The new edition takes account of case law since 1999 and has new sections on adjudication, risk allocation and the Delay and Disruption Protocol.

2005, HARDBACK, 1-4051-1816-4, 320 PAGES, £49.99

Parris's Standard Form of Building Contract

Third edition

David Chappell

"If you are taking part, or even thinking of taking part, in a JCT98 adventure, buy the book, but don't put it on the shelf. Read it! And if you don't read the rules, I look forward to seeing you in court" **Tony Bingham, Building**

"this is the sort of book which construction professionals and building lawyers should have ready access to since it is easy to use, well laid out and with a good index including useful cross referencing of the principal clauses"

Construction Industry Law Letter

"based on a wealth of architectural and legal experience. Parris is a valuable addition to any construction law library." **Peter Scott Caldwell, Arbitration**

A leading text on the subject, this book continues to be a highly readable and informative guide to JCT 98, written with the non-lawyer in mind. The new edition has been completely rewritten and incorporates a number of substantial changes, including a wide range of amendments to the contract, major developments in case law since the last edition in 1985, and a number of recent statutes.

2001, HARDBACK, 0-632-02195-0, 376 PAGES, £53.50



The JCT Intermediate Building Contracts

Third Edition
David Chappell

The 2005 version of the JCT Intermediate Building Contract has introduced a very different looking contract format and a number of changes to contract conditions.



This well established guide, which has been thoroughly updated, looks at the changes and key aspects of the form, and takes account of new case law since the last edition of the book published in 1999.

2006, HARDBACK, 1-4051-4049-6, APPROX 432 PAGES, APPROX £55.00

The JCT Minor Works Form of Contract

Third Edition
David Chappell

"a useful book with a practicality to commend it to contract administrators" **Construction Law**



The Agreement for Minor Building Works (MW 98) is the most widely used of the JCT forms of contract, not only for simple, short contracts of moderate price, for which it is intended, but also for much larger projects for which it is often not suited at all. As a result, contractual difficulties can arise, and despite the form's simplicity an understanding of the legal background to the form is essential.

This book explains the practical applications of the form from the point of view of employer, architect and contractor. It provides a straightforward explanation of the legal aspects of the form supported by flow charts, tables and sample letters.

The Third Edition has been revised to cover the 1998 edition of the form and the range of amendments issued to the contract since the last edition of the book was published in 1998. The new edition also takes account of the Housing Grants, Construction and Regeneration Act 1996 as well as the latest RIBA terms of engagement and a substantial number of additional legal decisions.

The book will provide a working tool for all those using MW 98.

Contents: The purpose and use of MW98; Contract comparisons; Contract documents and insurance; Architect; Contractor; Employer; Quantity surveyor and clerk of works; Sub-contractors and suppliers; Possession, completion and defects liability; Claims; Payment; Determination; Arbitration; Table of cases; Index.

2004, PAPERBACK, 14051-1523-8, 248 PAGES, £42.50

The JCT Design and Build Contract

Second edition

David Chappell and Vincent Powell-Smith

"an authoritative guide to case law ... it is also unafraid of controversy" **Building**

The JCT Standard Form of Building Contract With Contractor's Design has established itself as the leading form for design and build work since it was first published in 1981. The contract was reissued in 1998, as WCD 98, to include a range of important amendments as well as numerous corrections, and this book has been revised to take account of all these, as well as recent cases. In particular, it considers the content of the massive amendment 12, introduced following the Housing Grants, Construction and Regeneration Act 1996, and the Scheme for Construction Contracts. The chapter on the Scottish Building Contract With Contractor's Design has also been updated.

1999, HARDBACK, 0-632-04899-9, 360 PAGES, £51.50

Building Contract Claims

Fourth edition

David Chappell, Vincent Powell-Smith and John Sims

"Essential reading for all architects, quantity surveyors ... and contractors" **Perspective**



This book established itself as the leading work on the subject of claims under building contracts when it was first published in 1983. It explains the legal basis of contractor's claims under all the main building contracts and considers the practical implications. The new edition is a substantial revision and considers the latest editions of the JCT forms, two new JCT contracts, the New Engineering Contract, and new case law since the last edition.

Contents: PART 1 Introduction; Time; Liquidated damages; Basis for common law claims; Direct loss and/or expense; Potential heads of claim; Causation; The global approach; Substantiation of claims
PART 2 Extension of time under JCT standard form contracts; Liquidated damages under JCT standard form contracts; Loss and/or expense under JCT standard form contracts; Variations
PART 3 Claims under GC/Works/1 (1998); Variations and claims under ACA 3; Claims under NEC; Sub-contract claims
Appendix A: Example of build up of contractor's entitlement to reimbursement of direct loss and/or expense under JCT 98, clause 26.
Appendix B: Extension of time and money claims under DOM/1
Table of cases
Table of standard form contract clauses
Index.

2004, HARDBACK, 1-4051-1763-X, 560 PAGES, £65.00

Winward Fearon on Collateral Warranties

Second Edition

David Cornes and Richard Winward

"eminently readable ... essential reading for the construction industry" **Construction Law Journal**



Collateral warranties are now being used to create primary contractual obligations. These warranties can be extremely onerous and cause serious problems in relation to professional indemnity insurance cover. This book takes account of new standard forms of warranty, covers an important House of Lords' decision and other recent case law, together with the Contracts (Rights of Third Parties) Act 1999 and it includes substantial new information on the problems of assignment.

This immensely important book was widely welcomed when it was first published. The new edition has been thoroughly updated and will continue to be the authoritative reference on the subject.

2002, HARDBACK, 0-632-03896-9, 336 PAGES, £59.50

Design Liability in the Construction Industry

Fourth edition

D. L. Cornes

"It is difficult to think of a relevant topic which is not covered by the book. This is a book which a construction law practitioner will regret if it is not on his shelf."

International Construction Law Review

"this is a splendid book and no designer, whether he be an architect or an engineer, should be without a copy of the latest edition." **Construction Law Digest**

1994, HARDBACK, 0-632-03261-8, 300 PAGES, £57.50

Procurement Law for Construction and Engineering Works and Services

R.W. Craig

"This book is magnificent. Its coverage of the field and of other major common law jurisdictions is unique. It is a must for anyone concerned with construction law claims."

Construction Law Newsletter

This book reviews the law concerning the procurement of construction and engineering works and services, and deals with the development of the common law of tendering including bids, offers, revocation of offers, acceptance and the making of contracts. It is written from the perspective of English law but considers cases and statutes from a wide variety of common law jurisdictions, including Scotland, Australia, New Zealand, Canada, the USA and South Africa.

1998, HARDBACK, 0-632-04927-8, 928 PAGES, £115.00

EU Law for the Construction Industry

Joseph Dalby

Explains the main sources of European law to affect the construction industry, including the law of competition, public procurement, cross border trade and liability. The book examines the background principles to EU law, the procedures and the available remedies.

1998, HARDBACK, 0-632-04067-X, 336 PAGES, £57.50

Evaluating Contract Claims

R. Peter Davison

'His observations on the assessment of productivity and the use of facilities and equipment are particularly helpful for lawyers, who deal with construction claims.' **Construction Law**

'Well written and highly informative' **Building Engineer**

Most medium to large construction contracts include a claim for extra payment for variations and changes or for disruption to the programme. A number of books address the legal and contractual basis for such claims, but few if any show how such claims should be quantified. This book provides a detailed guide to evaluating such claims, showing how they are priced and how a valid claim is prepared. It concentrates on the quantification of claims after liability has been established, regardless of the form of contract used. It will therefore appeal to those working with both building and engineering contracts.

Contents: Introduction; Establishing the base; Effect of change on programmes of work; Sources of financial information for evaluation; Evaluation of the direct consequences of change; Evaluation of the time consequences of change; Other sources of claims; Minimising the consequences of change;

2003, HARDBACK, 1-4051-0636-0, 272 PAGES, £52.50



The ICE Conditions of Contract Seventh Edition

Second Edition

Brian Eggleston

"Brian Eggleston has produced a cornucopia of material which will be invaluable to anyone researching a point under the ICE Conditions" **John Uff QC**

The ICE Conditions of Contract, published by the Institution of Civil Engineers, is the main form of contract for civil engineering work in the UK. This book provides a commentary on the contract clause by clause, with reference to appropriate legal cases and legislation. The second edition has been substantially rewritten to take account of the Seventh Edition of the Conditions and to include far more case law.

2001, HARDBACK, 0-632-05196-5, 432 PAGES, £62.50



The ICE Design and Construct Contract

A Commentary

Brian Eggleston

"... its readability is such that, if the reader is not careful, he or she just might start to read it - rather than just refer to it! In unreservedly commending this book to civil engineering surveyors at any level who need to know about the ICE Design and Construct Contract and who can afford its price tag, the highest compliment I can pay to the author and to this book is that, for an engineer, he has made a remarkable contribution to civil engineering surveying." **Civil Engineering Surveyor**

1994, HARDBACK, 0-632-03697-4, 304 PAGES, £59.50

Liquidated Damages and Extensions of Time

in Construction Contracts

Second edition

Brian Eggleston

"unreservedly recommended" **Construction Law**

Liquidated damages and extensions of time frequently form the basis of contract claims made under the standard building and civil engineering contracts. This book, which was very well received in its first edition, covers the legal principles and examines in depth the relevant clauses of the standard construction contracts. The second edition includes a number of new contracts, including the New Engineering Contract, and takes account of recent decisions of the courts.

1997, HARDBACK, 0-632-04213-3, 336 PAGES, £57.50

The New Engineering Contract

Brian Eggleston

The New Engineering Contract is radically different from the traditional forms of contract used in the construction industry. Its style is novel and its structure unique. This book provides a detailed commentary on the Engineering and Construction Contract (the second edition of the New Engineering Contract) and other contracts which make up the New Engineering Contract family of forms. It reviews how the contracts fit into the general framework of contractual relationships and dealings, and it examines each clause of the contracts on a line by line basis to consider their practical application and their legal interpretation.

2000, PAPERBACK, 0-632-05742-4, 336 PAGES, £47.50

Building Contract Casebook

Fourth Edition

Michael Furmston

This well established reference book brings together leading cases on building contracts to illustrate legal principles. It provides a statement of the principle established, a summary of the facts and the decision and, for most cases, a verbatim extract of the judgement. The latest edition includes a number of new cases since the last edition was published in 1999.

Contents: Part I - Formation of the contract: Letters of intent, Costs of tendering, Tenders and estimates, Incorporation of documents, Acceptance of the tender; Part II - Performance of the contract: The contractor's obligations, The employer's obligations, Ownership and vesting of materials, Acceptance and defects, Approval and certificates, Variations, Prolongation and disruption claims, Liquidated damages and extensions of time; Part III - Discharge of the contract: Release, Frustration, Illegality, Forfeiture clauses, repudiation and determination, Limitation; Part IV - Sub-contracts and sub-contractors: Assignment and sub-letting, Domestic sub-contractors, Nominated sub-contractors

2006, HARDBACK, 1-4051-1881-4, 560 PAGES, APPROX £69.50



ADR and Adjudication in Construction Disputes

Peter R. Hibberd and Paul Newman

"I recommend it to everyone involved in construction industry disputes." **Construction Law**

This book surveys the growth of ADR and looks in detail at the various methods: adjudication and expert determination, mediation and conciliation, disputes review boards and disputes advisers, and other forms, such as mini-trial and mediation-arbitration. It discusses the Housing Grants, Construction and Regeneration Act and the Scheme for Construction Contracts, and their effect on adjudication and construction contracts considering both procedural and legal issues. It looks in detail at the adjudication clauses of all the main building and engineering contracts.

1999, HARDBACK, 0-632-03817-9, 320 PAGES, £52.50

The Arbitration Act 1996

A Commentary
Third Edition

Bruce Harris,
Rowan Planterose
and Jonathan Tecks



Published in conjunction with the **Chartered Institute of Arbitrators**

"There should not be a practitioner of arbitration who does not have a copy...highly recommended." **Arbitration**

'They undoubtedly score over [competing books] in their awareness of practical problems and their willingness to provide guidance.' **Construction Law**

"a must... These three authors carry an awful lot of weight and their book is maturing into an authority.... It is a professional book for serious arbitral work." **Tony Bingham, Building**

"A first class book valuable to all involved in arbitration" **International Arbitration Law Review**

Published in conjunction with the Chartered Institute of Arbitrators and described by Lord Bingham, Senior Law Lord, as 'intensely practical and user-friendly', this highly regarded book provides a section-by-section commentary on the Arbitration Act 1996. The new edition takes account of over 80 new decisions of the courts on the Act, as well as changes to the Civil Procedure Rules issued since the last edition was published in 2000.

It is written by three practising arbitrators, two of whom are also practising barristers.

2003, PAPERBACK, 1-4051-1100-3, 512 PAGES, £57.50

The JCT Major Project Form

Neil F. Jones

'Neil F Jones is a veteran commentator on construction law, with years of experience as a construction litigator.' **Construction Law**



The Joint Contracts Tribunal have published a completely new standard form of contract for large clients on major construction projects.

The Major Project Form is the first JCT form specifically to provide for third party rights. Other key provisions are those dealing with: no retention, acceleration of project, bonus for early completion, cost savings and value improvements, the client's pre-appointed consultants, and mediation.

This new book looks at the contract clause by clause, with full text of the contract itself, and examines the background law, highlighting practical issues.

2004, HARDBACK, 1-4051-1297-2, 456 PAGES, £69.50

Jones & Bergman's JCT Intermediate Form of Contract

A Commentary
Third edition

Neil F. Jones and Simon Baylis

This authoritative reference examines the JCT Intermediate Form clause by clause and includes the full text of each clause. It looks in detail at the background law and discusses relevant decisions of the courts. The Third Edition has been substantially revised and is based on the 1998 edition of the form, IFC 98. The Joint Contracts Tribunal have issued seven amendments to the contract since the last edition of the book, and all are discussed in detail, including the highly significant Amendment 12 introduced to take account of the Housing Grants, Construction and Regeneration Act 1996. The new edition considers all the significant cases decided since the book was last published, as well as statutory changes.

1999, HARDBACK 0-632-04257-5, 456 PAGES, £72.50

Set-Off in the Construction Industry

Second edition

Neil F. Jones Solicitors

The question of which party is to hold the money pending resolution of a dispute is of major concern on many contracts. The Housing Grants, Construction and Regeneration Act 1996 introduced payment provisions which have an effect on set-off, and the Joint Contracts Tribunal and other drafting bodies have now issued amendments to their standard forms of contract to conform with the Act. The Scheme for Construction Contracts has also been introduced. The impact of all these developments is covered in this book. The book provides an authoritative guide to the subject, discusses the development of the law of set-off and explains the effect of the 1996 Act and the Scheme for Construction Contracts, together with the latest JCT and ICE contract amendments. The leading cases are examined in some detail, as are the ongoing problems in the current law of set-off.

1999, PAPERBACK, 0-632-04824-7, 208 PAGES, £47.50

MacRoberts on Scottish Building Contracts



Second Edition

MacRoberts

'Very approachable and readable, its structure admirably clear' **Construction & Engineering Law**

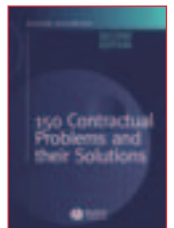
'An informative textbook for the practitioner' **Arbitration**

This book discusses the key provisions of the standard Scottish building contracts, against the background of Scots law. The new edition covers, in detail for the first time, Scottish adjudication, including a number of appeal cases, and covers other new case law and important new developments in novation.

Contents: Building contracts in general; Entering into a building contract; Employer's obligations; Contractor's obligations; Time; Certification; Payment; Ending a building contract; Remedies for breach of contract; Sub-contracts; Assignations, novations and warranties; Insurance, guarantees, bonds and indemnities; Claims and dispute resolution; Table of cases; Table of Statutes and Statutory Instruments; Index.

2007, HARDBACK, 1-4051-2973-5, APPROX 304 PAGES, APPROX £59.50

150 Contractual Problems and their Solutions



Second Edition

Roger Knowles

"Deserves a place on every site and in every office as the standard handbook on contractual problems"

Construction Law Digest

Written by the principal of the UK's leading firm of construction contract consultants, James R. Knowles, this book examines 150 problems that regularly arise in building and engineering contracts and provides a detailed explanation of their answers, citing key parts of judgments as authority. It covers questions on design issues, tenders, extensions of time, global claims, liquidated damages, contractors' programmes, payment, variations, loss and expense, practical completion and defects, and rights and remedies. The book deals with a broad range of construction contracts.

The second edition features 50 new problems, with revised solutions to a third of the problems to take account of recent case law.

Contents: Design; Tenders; Extensions of time; Global claims; Liquidated damages; Programme; Payment; Variations; Loss and expense; Practical Completion and Defects; Rights and remedies; Adjudication.

2005, HARDBACK, 1-4051-2070-3, 312 PAGES, £49.50

A Brief and Practical Guide to EU Law

Third edition

David Medhurst

"Medhurst has produced a very useful basic text on EU law. It would serve most professionals to be better acquainted with the precepts, which he seeks to identify and explain." **Construction Law**

"Written in a clear style, it can be read quickly and it is easily accessible" **European Competition Law Review**

Provides a quick, readable guide to the law of the European Union and how it relates to the UK. Topics include an introduction to the treaties, institutions and legislation, the European Court and procedural matters, free movement of goods and persons, provision of services and competition, company law, social policy, the environment and agriculture. The new edition takes account of changes introduced by the 1997 Amsterdam Treaty to the Treaty of Rome and by the social chapter.

2001, PAPERBACK, 0-632-05184-1, 212 PAGES, £32.50

EU Public Procurement Law

David Medhurst

"a very practical book...a very readable book, it is probably the best yet on the subject of public procurement" **Construction Law Digest**

European Union rules now lay down strict procedures for governments and other public bodies when tendering or contracting for goods, works and services. This includes purchasers in the power, water, transport and telecommunications industries. The rules are complicated, and failure to provide correct tendering opportunities can lay an authority open to huge financial claims from suppliers who are shut out. This simple, readable guide explains the legislation.

1997, HARDBACK, 0-632-03813-6, 256 PAGES, £47.50

GC/Works/1 - Edition 3

The Government General Conditions of Contract for Building and Civil Engineering

Vincent Powell-Smith

1990, HARDBACK, 0-632-02633-2, 216 PAGES, £49.50

Civil Engineering Claims

Third edition

Vincent Powell-Smith, Douglas Stephenson and John Redmond

This, the third edition of an essentially practical book, explains the legal requirements of a successful claim under the various ICE forms of contract and CECA subcontracts, and the actions that should be taken by the contractor when difficulties arise that give him a right to reimbursement or to an extension of time, or, more usually, both. Similarly, the actions that should be taken by the employer and by his engineer in resisting unjustified claims are explained. The third edition covers both the Fifth and the Sixth Editions of the ICE Conditions, (highlighting changes introduced by the Seventh Edition), the Minor Works Conditions, and the Design and Construct Conditions. New features include a chapter on the New Engineering Contract and the CECA Forms of Subcontract. Examples of claims submissions are included, and a number of recent cases have been considered.

1999, HARDBACK, 0-632-05197-3, 320 PAGES, £52.50

Contract Documentation for Contractors

Third Edition

Vincent Powell-Smith and John Sims

Revised by Christopher Dancaster

This book of specimen letters, notices and forms, provides examples of documentation likely to be required for a contract under the following JCT forms: the Standard Form of Building Contract; the Intermediate Form of Building Contract; the Agreement for Minor Building Works; the Standard Form of Building Contract With Contractor's Design. It includes a commentary on the practical implications of the various documents and highlights the points to be watched. The new edition takes account of the wide range of amendments to the latest editions of the standard forms following the Housing Grants, Construction and Regeneration Act 1996, in particular the new payment and adjudication provisions. It features for the first time documentation for use with the JCT design and build form.

2000, HARDBACK, 0-632-05202-3, 328 PAGES, £47.50

The Expert Witness in Construction Disputes

Michael P. Reynolds

The Woolf reforms and the introduction of the Civil Procedure Rules are having a major impact on the role of the expert witnesses. No longer is the expert accountable just to the client but directly owes a duty to the court. In the smaller value claim a new opportunity of acting as single joint expert arises where the parties can save time and money. There is greater flexibility in arbitration under the Arbitration Act 1996 and a need for expert evidence in the statutory process of adjudication.

This book takes account of all these changes, taking the expert stage by stage through his or her duties, from the investigation, preparation and exchange of expert reports, disclosure of documents, the importance of different types of evidence, to preparation for the hearing itself and the giving of oral evidence.

The appendices feature appropriate references to the Civil Procedure Rules, guidelines for experts, protocols and other materials of practical interest. Throughout, reference is made to relevant case law.

Contents: The expert witness: role and duties; Contracts, claims and damages; Professional liability and the expert witness; How the courts evaluate expert evidence; Formulation of the issues; Procedures for resolution of disputes; Experts' discussions and the single joint expert; Evidence and the expert; Disclosure; Preparation of Scott schedules; The final report and trial: Che sera sera; Appendices.

2001, HARDBACK, 0-632-05512-X, 240 PAGES, £52.50

Adjudication in Construction Contracts

John Redmond

"Redmond's book is timely. It should be in the library of anyone involved in arbitration."

Building

When adjudication was first launched there were enormous uncertainties about how it would work in practice, and books published to coincide with the launch could only speculate on this.

This new guide, written by a construction lawyer and experienced adjudicator, is the first to explain how adjudication is actually working in practice. It covers all the major court decisions which have clarified enforcement, adjudication errors and problems such as definition of construction contracts, jurisdiction, insolvency, natural justice and human rights. It also deals with the complex requirements of the legislation regarding payments.

Contents: Introduction – types of contract; Creating a contract; Standard forms in common use; Calculating the final price; Instructions and variations; Obligations of the parties; Execution – control, quality, defects correction; Design duty and liability; Timetable, completion and handover; Payment; Insurance and indemnities; Determination; Dispute resolution.

2001, HARDBACK, 0-632-05651-7, 272 PAGES, £52.50



Construction Adjudication

Second Edition

John L. Riches and Christopher Dancaster

"the best in the business"

Tony Bingham, *Building*

"a cracking book. ...go and buy it."

Construction Industry Law Letter



Adjudication is now the main means for resolving construction disputes and has proved remarkably successful in that task. However, following the introduction of the Housing Grants, Construction and Regeneration Act 1996, a large range of issues of interpretation and practice have arisen, many of which have been considered by the courts.

This highly regarded book was first published shortly after the Act was introduced. It provided a thoroughly practical, comprehensive guide to the new legislation and to the new adjudication provisions of the standard forms of contract, to various standard adjudication rules and to ad hoc adjudication agreements. It also considered adjudicators' own agreements and discussed how adjudication was likely to work in practice.

This major new edition has been substantially revised and expanded to include:

- Detailed discussion on how adjudication is working in practice
- Contentious issues such as jurisdiction and the existence of a dispute
- Over 180 decisions of the courts on adjudication.

Contents: What is adjudication?; The Act: the overarching provisions; The Act: the adjudication provisions; The Act: the payment provisions; The secondary legislation; Adjudication clauses, rules and procedures; The appointment; Adjudicators' agreements; Jurisdiction, powers and duties; The process; The decision; Enforcement and appeals; Appendices.

2004, HARDBACK, 1-4051-0635-2, 432 PAGES, £59.50

Subcontracting in the Construction Industry



Michael Rycroft

Subcontractors need to understand how risk is allocated and the way in which the standard forms deal with this.

The book examines the general principles of subcontracting, explaining the strict legal position under the standard forms, and then discussing regular practices in the industry which can give rise to misunderstandings and unrealistic expectations.

Contents: Introduction – types of contract; Creating a contract; Standard forms in common use; Calculating the final price; Instructions and variations; Obligations of the parties; Execution – control, quality, defects correction; Design duty and liability; Timetable, completion and handover; Payment; Insurance and indemnities; Determination; Dispute resolution.

2006, HARDBACK, 1-4051-2163-7, 384 PAGES, £55.00

Statutory Adjudication

A Practical Guide

Derek Simmonds

'No one in the business of adjudication should be without it' *Arbitration*, February 2004



Existing books on construction adjudication have either been aimed at professionals representing parties or at adjudicators themselves. In contrast, this book has been written for the parties to adjudication, particularly those new to the process. It takes a straightforward, practical approach to the subject, dealing with the process step-by-step.

After an introduction, the second part takes a party who is referring a dispute, through the stages of the adjudication process, including the presentation of a referral submission, to the enforcement of an award.

Part 3 examines the position of a party faced with adjudication, highlighting the various actions necessary to protect its interest, and explains how a decision can be challenged. Part 4 looks at matters of common interest.

Statutory payment provisions and the Scheme for Construction Contracts are dealt with in Part 5, and Part 6 compares the most frequently used adjudication provisions and procedures. Appendices include an alphabetical list of 139 adjudication cases which are also categorised to show the aspect or aspects with which they are principally concerned.

Contents: Adjudication - a brief resume; So you want to go to adjudication?; So you are being taken to adjudication; Matters of common interest; Summary of the payment provisions of the Housing Grants Act etc; Comparison of the scheme for construction contracts & other principal adjudication provisions; Appendices.

2003, HARDBACK, 1-4051-1085-6, 288 PAGES, £37.50

Arbitration Practice in Construction Contracts

Fifth edition

Douglas Stephenson

"a clear practical guide ... the specimen documents are a model of clarity"

Arbitration on the previous edition

In this Fifth Edition of an established text the author deals with each stage of an arbitration, explaining in practical terms the procedures to be adopted in avoiding disputes and in dealing with them efficiently when they do arise. It features over 20 specimen arbitration documents and includes the full text of the Act. It also covers several important developments in case law affecting construction arbitrations, and refers to the introduction and case law arising from adjudication under the Housing Grants, Construction and Regeneration Act 1996.

2001, PAPERBACK, 0-632-05741-6, 296 PAGES, £42.50

Arbitration Awards

Ray Turner

'Drawing on his long and practical experience [the author gives] guidance which only the foolhardy would reject without good reason for doing so. With this manual beside him, many an arbitrator will, I feel sure, sleep the sounder.' *The Rt Hon The Lord Bingham of Cornhill*



An arbitration award records an arbitrator's binding decision on the matters at issue between the parties, and every award must give reasons for the arbitrator's decision, unless the parties agree otherwise.

Awards require a rigorous approach to the arbitrator's consideration of submissions and evidence and to the decisions stemming from these, and the arbitrator must be competent to draft a valid and enforceable award based on these.

None of these tasks is easy, particularly for the less experienced arbitrator, and this guide provides clear and practical notes on how to produce effective awards. It includes illustrations relating to a wide range of awards.

Contents: Part A Introduction: A preliminary introduction; Part B Background principles: Types of awards; Style; content and check-lists; An approach to decision-making; Part C Developing the principles: Synthesis of an award; Part D Illustrations: Substantive awards; Supportive awards; Procedural awards; Institutional awards; Ancillary awards; Part E Variants: Other options and variations in content; Part F Appendices.

2005, HARDBACK, 1-4051-3063-6, 624 PAGES, £47.50

Planning Applications

The RMJM Guide

Third edition

Henry Brown and Adrian Salt

"This useful volume contains everything needed for those who make planning applications on a regular basis." *Association of Consultant Architects' Newsletter*

1998, PAPERBACK 0-632-04117-X, 224 PAGES, £52.50

Buildings, Culture and Environment

Informing Local and Global Practices

Edited by Raymond J. Cole and Richard Lorch



This book addresses the role regional culture plays in the successful (or otherwise) process of exchanging and adapting environmental practices and standards in the built environment. Using the specific case of the design of environmentally sound buildings, the book identifies a number of issues from different perspectives.

- The conflict between regionally appropriate environmental building practices within a global, technical and economic context
- How human, social and cultural expectations limit technological advances and performance improvements
- To what extent information on environmentally progressive buildings can be transferred across cultures without compromising regional and local practices
- Which ideas travel successfully between regions - generic principles, specific ideas or specific solutions?
- How the idea of regional identity is being redefined as the process of globalisation both widens and accelerates.

2003, HARDBACK, 1-4051-0004-4, 416 PAGES, 40 ILLUSTRATIONS, £67.50

Property Valuation and Economics

Peter Wyatt & Danny Myers

This book provides a single text for postgraduate study of valuation on real estate courses. After a general introduction to the property market and the economic ideas that underlie valuation, it introduces the theory of valuation as a set of analysis techniques for identifying and understanding market signals in a financial context.

Contents: SECTION A: THE ECONOMIC CONTEXT: Introduction to property economics; The pricing mechanism; The broader economy. SECTION B: VALUATION PRINCIPLES: Purpose of valuations; 5. Valuation methods; Valuation mathematics. SECTION C: VALUATION APPLICATIONS: Investment; Occupation; Development; Glossary.

2007, PAPERBACK, 1-4051-3045-8, APPROX 288 PAGES, APPROX £32.50

Property Taxation Worldwide

Edited by Gary Cornia, William McCluskey and Lawrence Walters

This practitioner encyclopaedia provides an in-depth analysis of issues surrounding property taxation, including economics, law, public finance, decentralisation, valuation and property tax reform. It provides material that is topical, cutting edge and highly relevant to many of the disciplines involved in property taxation.

2007, PAPERBACK, 1-4051-2649-3, 304 PAGES, APPROX £75.00

The Form of Cities

Political Economy and Urban Design

Alexander R. Cuthbert

Designing Cities offers readers a considered theoretical introduction to the art of designing cities. Urban design is nothing less than the study of how cities have achieved their physical form and the processes that go into renewing them: it is about the transmission of urban meaning in specific urban forms. The chapters of the book, beyond the first, which is a general introduction to the theory underpinning the subject, focus on particular ways of conceptualising the city, whether through aesthetics or the prism of gender. The result is a comprehensive and engagingly written textbook, eschewing extremes of jargon but retaining a sophisticated interpretative edge.

2005, PAPERBACK, 1405116404, 362 PAGES, £19.99

Partnerships in Property Development

Nigel Dubben

A critical account of the whole range of partnerships in property development. The author draws on his direct experience of running property partnerships and, using carefully researched case studies, presents the 'insider' view.

Both public and private developments are addressed and considered from the funder, the developer and the tenant viewpoints. An analysis of how partnership schemes work is given, examining legal and economic issues, as well as assessing their impact on the urban infrastructure.

2007, PAPERBACK, 1-4051-1179-8, 368 PAGES, APPROX £35.00

Understanding the City

Contemporary and Future Perspectives

Edited by John Eade and Christopher Mele

- Draws together diverse perspectives by top scholars of urban studies.
- Reveals diversity and fragmentation in urban studies, but also areas of mutual interest which may shape the future of the discipline.
- Integrates theoretical discussion, cutting edge research in urban localities, and overviews of regional developments in Asia, the Middle East and Eastern Europe.

2002, 448 PAGES, HARDBACK 0-631-22406-8, £55.00 PAPERBACK 0-631-22407-6, £19.99

Real Estate Accounting

Tim Eccles and Andrew Holt

This definitive guide to accounting for property focuses on very specific issues not covered elsewhere and setting these within a broader context.

It examines regulatory changes to UK accounting, the rise of international accounting standards and the EU 2005 proposals, and the intellectual debates behind these within the context of property, particularly property as an international asset.

This is not simply an accounting-by-numbers book but a serious commentary on the context of the accounting conceptual framework. The authors examine recent scandals as well as some of their own findings, such as revenue recognition procedures within the construction industry.

2006, PAPERBACK, 1-4051-2451-2, 272 PAGES, APPROX £34.95

Corporate Property Management

Aligning Real Estate with Business Strategy

Victoria Edwards and Louise Ellison

This book provides a general introduction to strategic property management. It covers both the principles surrounding strategy formulation and the actual implementation tools in relation to property portfolios.

The authors offer a review of general strategy theory and relate it to the specific circumstances of different types of property and their varying objectives. Strategic management techniques are explained and an analytical framework is provided to apply to different property scenarios to aid strategy formulation.

The second part of the book comprises a series of case studies, covering the role of the property portfolio, relevant internal and external influences, and the strategies used to respond to these influences.

2003, PAPERBACK, 0632-06051-4, 240 PAGES, £24.99

Housing and the Urban Environment

A Guide to Housing Design, Renewal and Urban Planning

Barry Goodchild

This text looks ahead to the next decade to examine the types of dwelling and residential developments likely to be needed, and to consider the key housing issues, including quality and standards in design, management of urban growth and the renewal of public housing. It provides a review of theory and research findings for students and practitioners in the fields of housing management, town planning, urban studies and architecture.

1997, PAPERBACK 0-632-04101-3, 288 PAGES, £29.50

Cities of Tomorrow

An Intellectual History of Urban Planning and Design in the Twentieth Century

Third Edition

Peter Hall

The third edition of *Cities of Tomorrow* is comprehensively revised to take account of abundant new literature published since its original appearance, and to view the 1990s in historical perspective. This is the definitive edition, reviewing the development of the modern planning movement over the entire span of the twentieth century.

2002, PAPERBACK, 0-631-23252-4, 576 PAGES, £21.99



Sustainable Property Development

A Guide to Real Estate and the Environment

Miles Keeping and David Shiers



The authors identify, define and explain property-related environmental issues in an easy-to-follow style. These are explored with reference to relevant background information, practical issues and problems posed.

The practical issues and problems of sustainable development are explored via four key topics: Location of Property; Contamination; Green Property and Procurement. Each is supported by current case studies. The book also includes: headline – the big issues and important questions; background - historical, legislative, technical; practical problems and solutions; discussion points; case studies; sources of information/further study.

2003, PAPERBACK, 0-632-05804-8, 240 PAGES, 25 ILLUSTRATIONS, £24.99



Sustainable Urban Planning

Tipping the Balance

Robbert Riddell, Auckland University

Sustainable Urban Planning introduces the principles and practices behind urban and regional planning in the context of environmental sustainability.

- This timely text introduces the principles and practice behind urban and regional planning in the context of environmental sustainability.
- Reflects a growing recognition that cities, where the majority of humans now live, need to be developed in a sustainable way.
- Weaves together the concerns of planning, capitalism, development, and cultural and environmental preservation.
- Helps students and planners to marry the needs of the environment with the need for financial gain.

2003, 336 PAGES; 119 ILLUSTRATIONS
HARDBACK 1405102896, £65.00
PAPERBACK 140510290X, £21.99

Real Estate Appraisal

Value and Worth

Sarah Sayce, Judy Smith, Richard Cooper and Piers Venmore-Rowland



This book develops the notion of the pricing mechanism in relation to property. It takes a new approach by exploring the pricing mechanism in relation to the changing economic context. The authors develop the contents to meet the current elementary curriculum for valuations used in most universities offering RICS recognised property courses. It is accessible to students tackling the subject for the first time but also lays foundations across a wide range of ideas and approaches to valuation, so that it can be used in subsequent years.

Contents: Introduction to the purchase decision; Property investment: placing property within the multi-asset investment spectrum; The market approach: Rental value; Assessing capital value: analysing discount rates; Issues of leasehold appraisal; Structuring investment appraisals to determine investment worth; Risk within the appraisal and worth process; Occupational property: decision making and appraisal; Funding and financial structures; Measuring return; Handling risk within the portfolio; Forecasting.

2005, PAPERBACK, 1-405-10001-X, 224 PAGES, 20 ILLUSTRATIONS, APPROX £27.50



Essential Law for Landowners and Farmers

Fourth edition

Angela Sydenham, Bruce Monnington and Andrew Pym

“reading this book could avert much dispute and misunderstanding... argument and bloodshed”
Lord Plumb (writing on the last edition)

This concise and well-established working guide for landowners, farmers and their advisers explains the law on the ownership, occupation and use of agricultural land.

In this major new edition, all the chapters have been rewritten and several added, to reflect the enormous changes in the law over the last eleven years - from the new access to open land to environmental issues and the introduction of the farm business tenancy. Designed for quick and easy reference, the book concentrates on issues of prime relevance to landowners and now with a further reading section, this book is an essential single source of guidance on land law.

2002, PAPERBACK, 0-632-05796-3, 304 PAGES, £37.50

Inspection Copies

If you teach students this book may help. To apply for an inspection copy please see the inside cover.



Land, Development and Design

Paul Syms

‘Paul Syms has written to fill the gap [between developers and public planners], and is to be congratulated on doing so It will immediately and justifiably become a standard text for every student and professional who wants to understand the land development process and its outcomes.’
Professor Sir Peter Hall, Director of the Institute of Community Studies



This textbook for students and practitioners of surveying and town planning, as well as other built environment professionals with an interest in the processes of property development, provides a modern view of site assembly, town planning policies and development risk, environment issues, masterplanning and design. The principal focus of the book is on the reuse of urban land, including treatment options, and regeneration of the built environment, whilst not ignoring greenfield development. The book is divided into four parts: 1-the development process and planning policies; 2-site assessment, risk analysis and remediation of contaminated land; 3-feasibility studies and financial appraisals and 4-design issues.

2002, PAPERBACK, 0-632-06484-6, 336 PAGES, 40 ILLUSTRATIONS, £34.50

Previously Developed Land

Paul Syms

The redevelopment of former industrial sites, so-called ‘brownfield’ sites, is becoming increasingly important as space is required for inner city commercial developments and as housebuilders are forced by government policy to recycle land rather than using ‘greenfield’ sites. This guide, originally issued in 1999 by the Incorporated Society of Valuers and Auctioneers under the title reference *Desk Reference Guide to Potentially Contaminative Land Uses* identifies those industrial land uses most likely to be encountered by valuers and developers, gives guidance on the type of contamination likely to be present and gives general advice on what actions need to be taken.

It is aimed at non-specialist professionals advising landowners on the possible sale of their land and buildings, their potential redevelopment or possible environmental liabilities, and covers some 40 types of industrial land likely to lead to contamination.

Contents: Part A Issues influencing Redevelopment and Value - Introduction and Policy context; Approaches to Valuation; Barriers to Redevelopment; Legal Predictions; Recording Land Condition; Planning the Future; Geographical Information Systems. Part B - Industrial Activities and Contamination.

2004, PAPERBACK, 1-4051-0697-2, 256 PAGES, £38.50



JOURNALS

International Journal of Urban and Regional Research

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The leading international journal for urban studies, *IJURR* is essential reading for all those with a concern for the complex, changing roles of cities and regions. With a commitment to global and local issues, a cutting edge approach to the linking theoretical development and empirical research, and a consistent demand for quality, the journal encompasses key material from an unparalleled range of comparative and geographic perspectives.

PUBLISHED QUARTERLY, ISSN 0309-1317
WWW.BLACKWELLPUBLISHING.COM/IJURR

Review of Urban & Regional Development Studies

Journal of the Applied Regional Science Conference

Edited by Noburu Sakashita

RURDS focuses on issues of immediate practical interest to those involved in policy formation and implementation. Articles contain rigorous empirical analysis, with many emphasizing policy relevance and the operational aspects of the academic disciplines, others theoretical and methodological issues.

PUBLISHED THREE TIMES A YEAR, ISSN 0917-0553
WWW.BLACKWELLPUBLISHING.COM/RURDS

Growth and Change

A Journal of Urban and Regional Policy

Edited by Richard E. Gift and Thomas R. Leinbach

Managing Editor: M. Scottie Kenkel

Growth and Change is a broadly based forum for scholarly research on all aspects of public, urban, and regional development and policy-making. Interdisciplinary in scope, the journal publishes both empirical and theoretical contributions from economics, geography, public finance, urban and regional planning, agricultural economics, public policy, and related fields. These include full-length research articles, Perspectives - essays intended to provoke thought and debate, and Notes - usually brief empirical studies.

4 ISSUES PER YEAR, ISSN: 0017-4815
WWW.BLACKWELLPUBLISHING.COM/GROW

Journal of Regional Science

Edited by Marlon G. Boarnet and Andrew F. Haughtwout

Board of Senior Editors: Walter Isard, Ronald E. Miller, Gordon F. Mulligan and David A. Plane

This prestigious journal publishes original articles at the cutting edge of regional science. Combining theoretical, methodological, and empirical research with a consistent editorial focus, the *Journal of Regional Science* is one of the most highly cited journals in the field, bringing to regional and urban analysis the most useful techniques from other disciplines.

4 ISSUES PER YEAR, ISSN: 0022-4146
WWW.BLACKWELLPUBLISHING.COM/JORS

Journal of Urban Affairs

The Journal of the Urban Affairs Association

Edited by Scott Cummings

Focusing on urban research and policy analysis, the *Journal of Urban Affairs* is among the most widely cited journals in the field. Published for the Urban Affairs Association, the journal explores issues of relevance to both scholars and practitioners, including: theoretical, conceptual, or methodological approaches to metropolitan and community problems; empirical research that advances the understanding of society; strategies for social change in the urban milieu; innovative urban policies and programs; and issues of current interest to those who work in the field and to those who study the urban and regional environment.

Varied perspectives and depth of analysis have made the *Journal of Urban Affairs* one of the fastest growing journals in urban studies.

5 ISSUES PER YEAR, ISSN: 0735-2166
WWW.BLACKWELLPUBLISHING.COM/JUAF

Real Estate Economics

Edited by David Geltner, David C. Ling and Thomas G. Thibodeau

As the official journal of the American Real Estate and Urban Economics Association, *Real Estate Economics* is the premier journal on real estate topics. Since 1973, *Real Estate Economics* has been facilitating communication among academic researchers and industry professionals and improving the analysis of real estate decisions. Articles span a wide range of issues, from tax rules to brokers' commissions to corporate real estate.

4 ISSUES PER YEAR, ISSN: 1080-8620
WWW.BLACKWELLPUBLISHING.COM/REE

REAL ESTATE ISSUES



FROM THE ROYAL INSTITUTION OF CHARTERED SURVEYORS AND BLACKWELL PUBLISHING, Real Estate Issues presents the latest thinking into how real estate markets operate.

Series Managing Editors:

Stephen Brown
RICS Research

John Henneberry
University of Sheffield

David Ho
National University of Singapore

Elaine Worzala
University of San Diego

Greenfields, Brownfields & Housing Development

David Adams and Craig Watkins

"an excellent and timely contribution to debate in this field. Town Planning Review"



Here is a powerful critique of the growing tendency to reduce the new housing debate to a mere choice between greenfield and brownfield locations. This book points at the structure and organisation of the housebuilding industry, supply and demand pressures in the housing market, the contested nature of sustainability and the political character of the planning process. All factors which must be considered if a truly effective housing land policy is to be devised.

The book :

- analyses social, economic, and political influences on public policy and private investment
- place current controversies within a strong institutional context
- evaluates recent changes in housebuilding
- explores how sustainable development provides both a common and contested discourse for debates
- examines financial and economic impacts of housing land policies.

2002, PAPERBACK, 0-632-06387-4, 224 PAGES, ILLUSTRATED, £39.50

Markets & Institutions in Real Estate & Construction

Michael Ball

The book explains why the real estate and construction industries are organised in the ways they are. It then relates those characteristics to long-term market behaviour. Part I covers market dynamics - supply and demand; the interaction of property development and construction. Part II examines institutions and market structures.

2007, PAPERBACK, 1-405-11099-6, APPROX 250 PAGES, ILLUSTRATED, APPROX £45.00

Building Cycles & Urban Development

Richard Barras

The aim of this book is to explore why building cycles occur, how they affect the behaviour of real estate markets, and what their impact is upon urban development. It distils the results of 25 years of research by the author, which has been published in a variety of refereed journals. The recurrent and long-run nature of the cycle will be illustrated using UK investment data stretching back 150 years, while the extent of the cycle as a global phenomenon will be demonstrated using a range of more recent European and US data. The discussion is also supported by a running cases study of the Central London office market, showing in practical detail how all aspects of market behaviour interact to drive the cycle.

2007, PAPERBACK, 1-4051-3001-6, APPROX 256 PAGES, APPROX £42.50

Planning, Public Policy & Property Markets

Edited by
David Adams, Craig Watkins and Michael White



'I found this a very clear and readable book, well categorised into different aspects of the topic. ...[It] should help advance understanding of how the state and the market interact, and thereby improve the effectiveness of the state's actions when seeking to influence market outcomes.'

Planning in London

The book provides an introduction to state of the art research on the relationship between planning, public policy and property markets. It focuses on the impact of planning, housing, land and regeneration policies on land and property markets. It begins to explore not just the direct impact of policy on supply, demand and market pricing but also the role of market information, institutions and actors in meeting policy objectives.

2005, PAPERBACK, 1-4051-2430-X, 272 PAGES, £42.50

Housing & Welfare in Southern Europe

Judith Allen, James Barlow, Liliana Padouani, Thomas Maloutas and Jesús Leal

"a considerable contribution to the housing studies literature - this is a must-read book." **Housing, Theory and Society**



This internationally edited book provides a rigorous comparative analysis of housing provision in the southern European countries (Portugal, Spain, Italy and Greece), where the relationships between state, market, civil society and household are rather different from the north. The book fills a gap in the knowledge about different forms of housing provision, and highlights the lessons from alternative models of housing provision to that of the UK.

2004, PAPERBACK, 1-4051-0307-8, 224 PAGES, ILLUSTRATIONS, £42.50

"I think that the series is becoming an interesting one and an international leader in its field"
Michael Ball, Department of Real Estate and Planning, University of Reading

Urban Regeneration and Neighbourhood Renewal

Edited by Harris Beider

Interest in the development of cities, the renewal of residential and older industrial neighbourhoods in cities, has remained at the forefront of policy and academic debate across Europe and North America. This book provides an important new contribution to these debates and highlights specific issues and developments which are crucial to an understanding of issues of residence, renewal and community empowerment.

2006, PAPERBACK, 1-4051-3410-0, APPROX 256 PAGES, APPROX £45.00

Real Estate Investment

Edited by Peter Byrne and Seow Eng Ong

Over the past 20 years, our understanding of real estate as an investment has drawn heavily on the ideas, theories, and techniques developed in financial economics. This book is a collection of the important papers exploring the relationship between real estate and investment theory. It brings together the seminal ideas which have influenced real estate investment decision making and shows how the ideas and methods have been adapted and developed in the real estate literature throughout the world.

2007, PAPERBACK, 1-405-10225-X, APPROX 240 PAGES, ILLUSTRATED, APPROX £45.00

Urban Sprawl

European patterns & policy

Edited by Chris Couch, Gerhard Patschel-Held, Lila Leontidou and Jens Dangschat

Developed from the findings of a major EU research project, this book presents an integrated impact assessment of regulations, incentives, economic instruments and infrastructure measures on urban sprawl. Policies imposed by European, national and regional agencies will be investigated and options for improvement developed.

2007, PAPERBACK, 1-4051-3917-X, APPROX 272 PAGES, APPROX £45.00

Urban Regeneration in Europe

Edited by Chris Couch, Charles Fraser and Susan Percy

"I am delighted to endorse this book ... its comprehensive aim of understanding regeneration problems, is given a unique insight by the use of practical European examples ... I heartily recommend a read."
Bruce Duncan, Chair RICS Regeneration Forum

This comparative account of urban regeneration examines the factors influencing these processes, as well as the consequences of their implementation. Through a mixture of theoretical discussion and a series of case studies, a thorough examination is made of the extent to which old industrial conurbations are facing similar problems across Europe.

2003, PAPERBACK, 0-632-05841-2, 208 PAGES, 30 ILLUSTRATIONS, £39.50

Real Estate in the New Economy
The Impact of Information and Communication Technology



Tim Dixon, Bob Thompson, Patrick McAllister, Andrew Marston and Jon Snow

This book shows how new technology affects the shape and form of real estate in our towns and cities. It will examine how Information and Communications Technology (ICT), as one of a number of forces for change in commercial and residential property, is impacting on owners and occupiers, and is also leading to changes in markets and professional services.

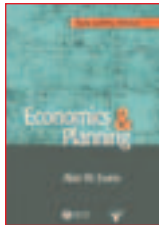
2005, PAPERBACK, 1-4051-1778-8, 440 PAGES, £47.50

Economics & Land Use Planning

Alan W. Evans

The book draws together the economics literature relating to planning and sets it out systematically. It analyses the economics of land use planning and the relationship between economics and planning and addresses questions like: What are the limits of land use planning and the extent of its objectives?; Is the aim aesthetic?; Is it efficiency?; Is it to ensure equity?; Or sustainability?; And if all of these aims, how should one be balanced against another?

- Written in a crisp yet clear style
- Simplifies arguments for the non-expert without loss of rigour
- Product of research, teaching and debate by the author over 30+ years.

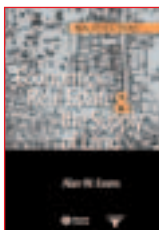


2004, PAPERBACK, 1-4051-1861-X, 256 PAGES, 25 ILLUSTRATIONS, £37.50

Economics, Real Estate & the Supply of Land

Alan W. Evans

"well written and enjoyable to read." **Journal of Property Investment and Finance**



The economic literature relating to the supply of land is drawn together here. The book covers the supply of land for urban development and shows how land has characteristics which differentiate it from other factors of production which will also affect its supply for some uses, e.g. land is fixed in location and its price and value are inseparable from where it is.

New light is cast on the market for land (by concentrating on the supply side), and on land use planning (by taking an economic viewpoint).

- Comprehensive discussion
- Accessible style - use of anecdotal evidence bring the arguments alive
- Draws together author's previous publications and those of others into a cohesive narrative.

2004, PAPERBACK, 1-4051-1862-8, 256 PAGES, 25 ILLUSTRATIONS, £39.50

Development & Developers
Perspectives on property

Edited by Simon Guy and John Henneberry

"I have thoroughly enjoyed reading the book. It has provided me with an interdisciplinary view of property development and property developers...and a very useful framework for my lectures, tutorial discussions and readings...I have no hesitation in recommending this book as one of the essential readings for my students."

Journal of Property Investment and Finance

This book presents for the first time an interdisciplinary view of property development and property developers.

This rounded picture of property research explores:

- the development of quantitative and qualitative research methods
- theories ranging from mainstream economics to social constructivism
- the inter-relationships between the economic and the social, and between individuals and organisations and their environments.



2002, PAPERBACK, 0-632-05842-0, 320 PAGES, 21 ILLUSTRATIONS, £39.50

The Right To Buy
Analysis and evaluation of a housing policy

Colin Jones and Alan Murie

The Right to Buy (RTB) was established in 1980 and has been the most enduring privatisation of the Thatcher era. This book analyses and evaluates the operation and impact of the RTB and includes a critical appraisal of recent reforms including forthcoming Housing Act and the 2001 Housing (Scotland) Act.



2006, PAPERBACK, 1-4051-3197-7, APPROX 256 PAGES, APPROX £45.00

Real Estate Market Analysis & Forecasting

Tony McGough and Sotiris Tsolacos

A guide to and assessment of standard modelling techniques. The use and abuse of econometrics in real estate will be discussed and new developments in modelling examined, as well as how these changes are being received in the real estate world.

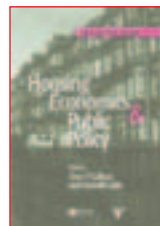


2006, PAPERBACK, 1-4051-2122-X, APPROX 248 PAGES, APPROX £45.00

Housing Economics & Public Policy

Edited by Anthony O'Sullivan and Kenneth Gibb

"This remarkable collection by leading housing experts provides a wealth of comment and information." **Building Engineer**



This book provides an assessment of the progress made over the past 20 years in the theory of housing economics and its application to policy and practice. The editors take stock at the start of the 21st Century and look forward to where further progress is needed and why. Chapters have been commissioned from well-known housing economists and encompass the contemporary theoretical, policy and practical questions facing housing.

2002, PAPERBACK, 0-632-06461-7, 256 PAGES, ILLUSTRATED, £45.00

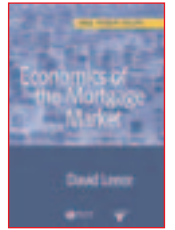
Economics of the Mortgage Market
Perspectives on Household Decision Making

David Leece

The analysis of the mortgage market examines a financial market with wide-ranging implications, affecting the stability of the whole economy.

The 1990s saw an enormous growth of mortgage market analysis as an academic subject and there is a vast literature scattered among the key real estate journals. This book both brings a complex subject area together, but also abstracts the main issues and renders them intelligible. It provides an organised research resource and also informs and motivates further research into the microeconomics of mortgage markets.

- Links consumer behaviour to issues of mortgage valuation
- Collates disparate literature into a single source
- Presents a complex set of issues in an accessible way for the non-mathematical reader.



2004, PAPERBACK, 1-4051-1461-4, 256 PAGES, 25 ILLUSTRATIONS, £42.50

International Real Estate
An Institutional Approach

Edited by William Seabrooke, Paul Kent and Hebe Hwee-Hong How

'an important and very valuable contribution ... truly inspiring. It can, without doubt, serve most participants of international real estate markets as a guide or 'handbook' for carrying out or advising on real estate investments in foreign market environments.' **Building Research & Information**

This book takes an explicitly international perspective to the decision-making process leading to final 'accept' or 'reject' investment decisions. It will be the first to adopt an institutional approach that directly addresses the problems of how to identify and avoid the main pitfalls of cross-border investment in real estate. The key to understanding international real estate comes from understanding the impact on investment and management decisions of differences in the formal and informal 'rules of the game'. This book defines the key feature of international real estate as the institutions that frame, facilitate or impede investment in land and buildings across national boundaries.



2004, PAPERBACK, 1-4051-10308-6, 224 PAGES, ILLUSTRATED, £45.00

The Green Guide to Specification

An Environmental Profiling System for Building Materials and Components

Third edition

Jane Anderson, David Shiers and Mike Sinclair



Easy to use and based on sound data from an authoritative source, this is the definitive guide to improving a building's environmental performance through better specification practice. It is part of the BREEAM programme and uses a widely accepted environmental profiling system that compares the performance of construction materials and components.

2002, HARDBACK, 0-632-05961-3, 112 PAGES, £47.50

Evaluating Sustainable Development



In the Built Environment

Peter Brandon and Patrizia Lombardi

Sustainable development has been characterised by an emphasis on environmental issues and an ad hoc approach to structuring the subject which hinders the development of knowledge in a systematic way. The built environment contributes significantly to the environment but is also one of the major factors in determining whether a community is sustainable in the longer terms.

A structure is required which aids definition, provides a common set of values, establishes measurement methods to define progress, and suggests a management system and decision protocol which enables practitioners to engage and use the resultant structures and information.

This book provides a suggested structure in which all aspects of sustainable development can be included together with a set of evaluation techniques which can be used within the structure to provide assistance to decision making.

2005, PAPERBACK, 0-632-06486-2, 240 PAGES, 95 ILLUSTRATIONS, £34.95

Join our free e-mail alerting service, and we'll send you news of the latest books in your field and/or journal tables of contents (with links to abstracts). See www.blackwellpublishing.com for more details.



Building Ecology

First Principles for a Sustainable Built Environment

Peter Graham

"The book is well written and its conversational style engages the reader right from the start. Its intellectual rigour with arguments being well documented and thoroughly referenced...stimulating and thought provoking" **Construction Management and Economics**

Understanding the concept of sustainability and translating it into practice as sustainable development is a key challenge for today's built environment professionals. This book offers a view of sustainability by drawing on already established areas of knowledge and demonstrating their relevance to today's environmentally-conscious building professional. By explaining in basic terms the scientific view of how the natural environment works, and how buildings link with and affect nature, it provides an essential foundation of knowledge.

2002, PAPERBACK, 0-632-06413-7, 288 PAGES, 40 ILLUSTRATIONS, £37.50



See also

Sustainable Property Development

Miles Keeping and David Shiers
See page 22

Sustainable Development

Understanding the Green Debates

Mark Mawhinney

"I can strongly recommend this book to those within the construction community seeking a broader understanding of sustainable development."

David Shipworth, *The University of Reading*

Views on sustainable development range from those of the main mainstream economist to the hardened environmentalist, via various shades of green. This clear overview of the debates sets out the many theories, providing an accessible introduction for all who must now understand sustainable development affects their working practices.

The book is structured around key questions on the concept of sustainable development: does it define a starting point, a process or the end-goal? Can it provide a coherent theory? Is it a workable concept in practice? Is it "balanced" or does "balance" form part of the solution?

2002, PAPERBACK, 0-632-06459-5, 224 PAGES, 39 ILLUSTRATIONS, £38.50

Urban Environments and Wildlife Law

A Manual for Sustainable Development

Paul Rees

"this is a most practical book...it is well worth the attention of those involved in wildlife conservation or protecting the environment" **The Veterinary Record**

This comprehensive manual provides guidance to the legal mechanisms used to protect wildlife and to conserve nature in the UK. For each section (e.g. trees, hedgerows, SSIs, protected species) there is an introduction about the scale of the problem, the level of decline of the species and why there is a need to protect. The relevant protective law is then explained using boxed extracts from the legislation with a clear interpretation of the key points. A selection of examples illustrate the legal point - a mixture of law reports, case law and articles from high profile prosecutions. Finally there is a section on the implications for the construction industry and the mechanisms available for operating effectively within the law.

2002, PAPERBACK, 0-632-05743-2, 416 PAGES, 100 ILLUSTRATIONS, £52.50



Sustainable Development Policy Directory

Alan Strong and Lesley Hemphill

This Directory is a reference source and ready reckoner for a range of disciplines across the built environment including Construction, Transport, Estate Management, Architecture, Quantity Surveying, Civil & Environmental Engineering, Environmental Health, Planning, Highway Engineering and allied fields. It covers International Policies; European Policies; and UK Policies.

2006, PAPERBACK, 1-4051-2150-5, APPROX 448 PAGES, APPROX £79.50



Smart & Sustainable Built Environment

Edited by J. Yang, Peter S. Brandon & A. C. Sidwell

This book brings together a group of international specialists to explore the current state of the art and future potential for encouraging, developing and implementing smart and sustainable built environment strategies.

It covers a broad spectrum of issues, ranging from technological advancement, through the assessment of past experiences, to communication and education requirements and future strategies.

2005, HARDBACK, 1-4051-2422-9, 352 PAGES, £59.50



Inclusive Buildings Designing and Managing an Accessible Environment

Keith Bright *and*
Roberto Di Giulio



This interactive CD presents a wealth of design information, specification details, diagrams and photographs in an easy-to-use format. It enables the user to gather information, advice and guidance and is an invaluable tool for architects, building and quantity surveyors as well as property owners and facility managers. It will help all those responsible for ensuring that the new disability legislation and building regulations are adhered to.

2001, CD-ROM, 0-632-05955-9, PC & MAC SUPPORTED, £97.50

Construction Technology, Analysis and Choice

Tony Bryan



This book describes for students the factors that affect the specification and detailing of construction; and introduces a framework within which the choice of construction solutions can be made.

The book is in two distinct but connected parts. The first establishes the framework as a way to think through any construction problem; and the second uses the framework to introduce UK housing construction and the reasoning behind the current practice.

Contents: Part I: Analysis: The Framework for Understanding; Building Purpose and Performance; Common Forms – Specific Solutions; Construction Variables; Defining Conditions; The Resource Base; Design Concept; Appearance; Analysis of Physical Behaviour; Physical Behaviour Creating Environment; Physical Behaviour Under Load; Physical Behaviour Over Time; Manufacture and Assembly; Cost; Sustainability – Social Concern. Part II: Choice: Applying the Framework to Housing; Floors; Roofs; Walls; Foundations; Services.

2005, PAPERBACK, 1-4051-2295-1, 272 PAGES, £22.50

Standard Letters in Architectural Practice

Third edition

David Chappell

*"an extremely worthwhile
collection of letters"*

Chartered Building Professional



Much of an architect's work is concerned with letter writing and many letters have legal and contractual implications. This set of some 285 standard letters is based on the RIBA Plan of Work and is suitable for use with all the main JCT forms as well as GC/Works/1. The book includes a free CD-Rom of all the letters which can be customised.

2003, HARDBACK, 1-4051-1556-4, 336 PAGES, £51.50

Report Writing for Architects and Project Managers

Third edition

David Chappell

1996, HARDBACK, 0-632-04001-7, 176 PAGES, £35.00

Contractual Correspondence for Architects and Project Managers

Fourth Edition

David Chappell



Providing over 150 model letters, with a straightforward commentary for use with all the main JCT building forms, this book concentrates on problems which can arise during a project. The revised edition features all letters on an accompanying free CD and the latest amendments to the new 2005 JCT Standard, Intermediate and Minor Works Building Contracts.

The latest RIBA Plan of Work arrangement and the conditions of architectural engagement.

Legal phraseology is deliberately avoided and, although there are no express references to case law, all the case law and legislation developments since the last edition in 1996 have been taken into account in the letters and commentary.

2006, HARDBACK, 1-4051-3514-X, 288 PAGES, £49.50

The Architect in Practice

Ninth edition

David Chappell *and* Andrew Willis



This classic text has long provided the student of architecture and the young practitioner with a readable guide to the profession, outlining an architect's duties to client and contractor, the key aspects of running a building contract, and the essentials of management, finance and drawing office procedure.

The Ninth Edition has again been thoroughly revised to bring it up to date. Revisions include new planning and building regulation requirements, changes in architectural education, the latest RIBA Code of Conduct and form of architects' appointment, new legislation on limited liability partnerships, changes to the standard forms of contract, and adjudication.

2005, PAPERBACK, 1-4051-2467-9, 384 PAGES, £34.95

See also

Architectural Conservation Principles and Practice

Philip Grover *and* Aylin Orbasli

on page 13

The Design Quality Manual

A Guide to Improving Building
Performance



Martin Cook

Design quality often seems intangible as it represents a melding of the art and science of architecture. Clients invariably use the criteria of time, cost, and quality as a strategic framework for their building projects – they tend to want the highest quality in the shortest time and at the lowest cost.

The Building Research Establishment's Design Quality Method rates buildings against subjective (e.g. external appearance) and more objective (e.g. acoustics) performance by using a rating matrix.

Five defined levels of quality cover the key areas of design and quality - architecture; environmental services; user comfort conditions; whole life costing; and detailed design. These can be scored by a visual survey and professional judgement then augmented by scientific measurement where possible (e.g. temperature, lighting and sound levels). The resultant scores allow comparisons in terms of overall and specific aspects of design quality.

2006, HARDBACK, 1-4051-3088-1, APPROX 224 PAGES, APPROX £65.00

Principles of Architectural Detailing

Stephen Emmitt, John Oli *and*
Peter Schmid



This textbook will provide technical and practical guidance for student designers and detailers enabling them to make sound design decisions.

The contents are generic and will appeal to an international market for both new-build and refurbishment. The text is supported by practical examples, checklists and detailed line diagrams and photographs.

- practical guide to the detailing of buildings
- encourages environmentally-friendly decisions
- well illustrated with detailed drawings and real-life examples.

2004, PAPERBACK, 1-4051-0754-5, 224 PAGES, 150 ILLUSTRATIONS, £24.95

Design Management for Architects

Stephen Emmitt

This unique guide to design management for architects addresses the management of design projects within the framework of the office. It integrates theory and practice and offers practical solutions to improving management performance.

2007, PAPERBACK, 1-4051-3147-0, APPROX 320 PAGES, APPROX £29.99

Architectural Technology

Stephen Emmitt

"As a textbook aimed at those studying for membership of BIAT this is clearly very thorough and has the recommendation of their Vice President Education. However, it can also justifiably earn its place on the bookshelf of anybody involved in the construction process as a reference and to aid an understanding of others he/she will be working with to develop an environment of which to be proud."

Building Engineer

The first core textbook for architectural technology degree courses, it brings together the technical, legal, social and philosophical issues under the umbrella of architectural technology. The book has been endorsed by BIAT (British Institute of Architectural Technologists) and addresses the interface of design and construction.

2002, PAPERBACK, 0-632-06403-X, 272 PAGES, 58 ILLUSTRATIONS, £25.99



See also

Basic Structures for Engineers and Architects

Philip Garrison
on page 29

The Access Manual

Ann Sawyer and
Keith Bright
on page 14

Architects' Data

Third edition

Ernst and
Peter Neufert

"Neufert's Architects' Data was the first book I bought when I started my studies in architecture. It was invaluable to me then and it is still a useful aid in my designs" Cesar Pelli

"With this thorough rewrite Neufert has produced, yet again, an invaluable reference book." **The Architects' Journal**

Architects' Data provides an essential reference for the initial design and planning of a building project. Organised largely by building type, it provides a mass of data on spatial requirements and also covers planning criteria and considerations of function and siting. The third edition includes over 6000 diagrams packed full of data, and is 40% larger than the previous edition. It contains substantially expanded sections on building components, services, and heating, lighting and sound, and it introduces completely new sections on thermal insulation, solar architecture, fire protection and means of escape, designing for the disabled, and refurbishment and renovation.

Contents: Drafting guidelines; Measurement basis; Design; Construction management; Building components; Heating and ventilation; Thermal and sound insulation; Fire protection and means of escape; Lighting protection/aerials; Artificial lighting and daylight; Windows and doors; Stairs, escalators and lifts; Refurbishment, maintenance and change of use; Roads and streets; Gardens; Houses and residential buildings; Educational and research facilities; Office buildings; Arcades; Retail outlets; Workshops and industrial buildings; Agricultural buildings; Public transport; Designing for vehicles; Airports; Fire stations; Restaurants; Hotels/Motels; Zoos and aquariums; Theatres/Cinemas; Sport and recreation; Healthcare buildings; Places of worship; Cemeteries and crematoria; Bibliography; Related standards; Conversion tables; Index

2002, PAPERBACK, 0-632-05771-8, 648 PAGES, 6200 ILLUSTRATIONS, £45.00



Principles of Structures

Ariel Hanaor

Architecture students require an intrinsic grasp of structures, but existing texts on structural theory may be too mathematical for them as an introduction to the subject. This book provides a highly illustrated introduction to structures, which will enable them to develop an intuitive 'feel' for the subject.

1998, PAPERBACK, 0-632-04262-1, 200 PAGES, £24.99



The Architects' Handbook

Edited by
Quentin Pickard

"All too often, architects attempt to redesign the wheel. Why struggle to sort out the complexity of a modern building when you can learn from the great masters... This book, with its detailed information about ground breaking buildings, should change the way we assimilate practical technical information" Maxwell Hutchinson

The Architects' Handbook provides a comprehensive range of visual and technical information covering the great majority of building types likely to be encountered by architects, designers, building surveyors and others involved in the construction industry. It is organised by building type and concentrates very much on practical examples.

Including over 300 case studies, the Handbook is organised by building type and concentrates very much on practical examples. It includes:

- a brief introduction to the key design considerations for each building type
- numerous plans, sections and elevations for the building examples
- references to key technical standards and design guidance
- a comprehensive bibliography for most building types

The book also includes sections on designing for accessibility, drawing practice, and metric and imperial conversion tables.

Contents: Airports; Business parks; Cinemas; Community centres; Crematoria; Education: schools; Education: universities & colleges; Education: art, design & media studios; Farms; Fire stations; Halls of residence & hostels; Health Service Buildings; Hospices; Hotels; Housing & residential accommodation; Industrial buildings; Laboratories; Landscape works; Law courts; Libraries & learning resource centres; Museums and art galleries; Offices; Pubs; Religious buildings; Restaurants & catering facilities; Shops and Retail; Sports facilities; Theatres & arts centres; Vehicle facilities; Youth hostels; Zoos and aquariums; Design for accessibility; Drawing practice and Presentation; Conversion of units; Bibliography and References; Index

2005, PAPERBACK, 1-4051-3505-0, 464 PAGES, £29.99



Landscape Architecture

Plant User Handbook

A Guide to Effective Specifying

Edited by
James Hitchmough and
Ken Fieldhouse



"The book will help landscape architects both to specify planting with more confidence and technical understanding and encourage them to be more adventurous and creative with future planting schemes."

Landscape Magazine

An invaluable reference source on soft landscape specification. Each topic is written by a leading specialist in the field and covers technical data and practical guidance. Ecological characteristics, selection, procurement, elements of planting design,

site preparation, establishment and maintenance are all considered.

- a unique source of reference for everyone concerned with successful plant establishment and amenity landscape management
- provides practical guidance from leading specialists
- richly illustrated - black & white and colour plates and line drawings.

2003, PAPERBACK, 0-632-05843-9, 400 PAGES, 75 ILLUSTRATIONS, £49.99

Design and Installation of Marine Pipelines



Mikael W. Braestrup, Jan B. Andersen, Lars Wahl Andersen, Mads B. Bryndum, Curt J. Christensen and Niels Jorgen Rishoj Nielsen

"easy to read and concise with adequate supporting documentation wherever necessary"
Journal of Structural Engineering

Whilst there are now more than 100,000 km of subsea pipelines installed worldwide, there is a surprising shortage of publications covering the entire process of marine pipeline design and installation, from project planning through to system operation.

This book is intended to fill that gap and to complement design guidelines laid down in national and international codes.

It provides a comprehensive overview of design methods, addressing system layout determination, wall thickness design, route selection, fabrication, installation and tie-in methods, and pre-commissioning methodologies. The scope includes deep water as well as shallow water installations, with the main emphasis on hydrocarbons (oil, gas or multi-phase) though other media such as water, slurry and carbon dioxide are also covered. It concentrates on pressure containment steel pipelines, including flexible lines.

The book is aimed primarily at engineers new to the subject of marine pipelines, but will also supply background reading for students of offshore engineering and for experienced pipeline engineers needing a quick reference.

2005, HARDBACK, 0-632-05984-2, 384 PAGES, 50 ILLUSTRATIONS, £89.50
NOT FOR SALE IN USA

The Design of Modern Steel Bridges



Sukhen Chatterjee
Second edition

This book examines the design of steel beam, plate girder and box girder components of bridges. It also provides an overview of the historical development of steel bridges, of the behaviour of steel as a material and limit state design. The second edition features a substantial new section on long span bridges and revisions to the bridge code of practice.

2003, HARDBACK, 0-632-05511-1, 224 PAGES, 75 ILLUSTRATIONS, £72.50

Structural Foundation Designers' Manual



Second Edition

Curtins Consulting Engineers and Norman Seward

This major reference work deals with the whole of structural foundation design from a practical engineering viewpoint. It draws on many years' experience in the authors' firm and covers foundation design and construction techniques for both straightforward and difficult sites, such as reclaimed land. It is highly illustrated and features step-by-step worked examples. The second edition has been revised to cover changes to British Standards, the forthcoming Eurocode and new guidelines on ground contamination.

2007, HARDBACK, 1-4051-3044-X, 400 ILLUSTRATIONS, APPROX 432 PAGES, APPROX £89.50

Structural Masonry Designers' Manual



Third edition

W. G. Curtin, G. Shaw, J. K. Beck and W. A. Bray

Revised by **David Easterbrook**

'This is essential reading for all civil structural design offices involved with masonry design and is now established as the standard work on the subject.' **New Civil Engineer**

'This is an excellent reference ... especially for sites with difficult ground conditions.' **The Structural Engineer**

This major handbook covers the structural use of brick and blockwork. An important feature is a series of step-by-step design examples of typical elements and buildings.

The book has been revised to include updates to the code of practice BS 5628:2000-2 and the 2004 version of Part A of the Building Regulations. New information on sustainability issues, innovation in masonry, health and safety issues and technical developments has been added.

2006, HARDBACK, 0-632-05612-6, 528 PAGES, 600 ILLUSTRATIONS, APPROX £85.00

Lightweight Sandwich Construction

Edited by **J.M. Davies**

"The publication is based on 30 years of the author's research...It is therefore an excellent 'state of the art' that will be useful to both practitioners and manufacturers" **R M Lawson, The Steel Construction Institute**

This construction method, which clads buildings in a "sandwich" of two thin metal sheets, sandwiched with a layer of insulation, is now being used widely for factories and warehouses. However, designers are still faced with a range of problems, including insulation and condensation, durability and fire spread, and there is little authoritative guidance on the subject. This book brings together a group of European experts to provide practical information for designers, specifiers and manufacturers.

2001, HARDBACK, 0-632-04027-0, 384 PAGES, 160 ILLUSTRATIONS, £77.50

Basic Structures for Engineers and Architects



Philip Garrison

All undergraduates of civil engineering and architecture have to study the fundamentals of structures, but many find the basic concepts difficult to grasp and apply.

The aim of this book is to explain structural concepts clearly, using analogies and examples to illustrate the points, and it presents mathematical aspects of the subject in a straightforward way.

It incorporates real life examples and case histories to illustrate concepts, and is well illustrated with photographs as well as line drawings. It features worked examples, along with tutorial questions with fully worked solutions available online.

2005, PAPERBACK, 1-4051-2053-3, 296 PAGES, £22.50



Steel Detailers' Manual

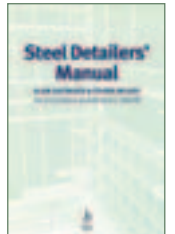
Second edition

A. Hayward and F. Weare

Revised by **A. C. Oakhill**

This highly illustrated design manual provides a wide range of steelwork details, including single and multi-storey buildings, towers and bridges. It also explains detailing practice and conventions. The new edition has been revised to take account of the increased use of computer aided detailing, and revisions to detailing practice since the book was first published in 1989, together with recent revisions to the steel code.

2002, PAPERBACK, 0-632-05572-3, 232 PAGES, 90 ILLUSTRATIONS, £47.50



Composite Structures of Steel and Concrete

Beams, Slabs, Columns, and Frames for Buildings

Third Edition

R. P. Johnson

"A very useful book written by an acknowledged authority on its subject" **The Structural Engineer**

This book sets out the basic principles of composite construction with reference to beams, slabs, columns and frames, and their applications to building structures. It deals with the problems likely to arise in the design of composite members in buildings, and relates basic theory to the design approach of Eurocodes 2, 3 and 4.

The new edition is based for the first time on the finalised Eurocode for steel/concrete composite structures. It features a new set of worked examples.

2004, HARDBACK, 1-4051-0035-4, 224 PAGES, 95 ILLUSTRATIONS, £39.50



Structural Timber Design

Abdy Kermani

This book provides a comprehensive undergraduate text on structural timber design with detailed guidance on how to carry out design calculations. First the design of basic elements is explained and illustrated, followed by the design of more specialised elements. Numerous worked examples are included throughout. The book is based on the British code of practice and includes a chapter on the proposed Eurocode for timber.

1998, PAPERBACK, 0-632-05091-8, £25.00

Composite Floor Systems

Derek Mullett

"This book is ideal for designers...[it] collects information on composite floors in one handy volume with the benefit of excellent example calculations and derivations."

The Structural Engineer

This book covers all the main types of composite (steel/concrete) floor construction and features the latest developments in 'Slimflor[®]' construction. General design guidance and practical details are given for each method of construction and, where appropriate, test evidence is provided. Worked examples further explain the method of analysis.

1998, HARDBACK
0-632-04143-9, 320 PAGES, 85 ILLUSTRATIONS, £47.50

Timber Designers' Manual

E. C. Ozelton and J. A. Baird

Third edition revised by Carl Ozelton

"the complete design manual ... a 'must'"

Timber Trades Journal

"the manual continues its established position as an authoritative reference and in providing numerous time saving design aids."

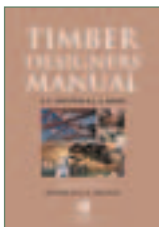
Institute of Wood Science Journal

This major reference manual has been substantially revised to take account of changes since the last edition, nearly 20 years ago, and to include the latest revision of British Standard BS 5268-2 : 2002, which has brought design concepts closer to European practice and Eurocode 5.

New features of the Third Edition include:

- revised information on bolt values including a consideration of improved performance using 8.8 grade bolts
- new chapters on composite sections and Eurocode 5 on structural timber
- new developments in materials and products
- horizontal roof and floor diaphragms
- vertical shear walls.

2002, HARDBACK
0-632-03978-7, 560 PAGES, 270 ILLUSTRATIONS, £87.50



Structural Timber Design to Eurocode 5



Jack Porteous and Abdy Kermani

Existing books on structural timber design are based on national design codes. With the introduction of Eurocodes, which are likely to be mandatory for some projects in the next couple of years, and will replace national codes by 2010, there is a pressing need for structural engineers and specialist contractors, as well as undergraduates, to become familiar with Eurocodes, which are generally substantially different from e.g. British Standards. This book offers detailed guidance to Eurocode 5 on structural timber design, providing a comprehensive source of information on how to design timber elements and structures to the new code. Numerous worked examples are provided, with the use of computers encouraged to carry out the mathematical calculations.

Contents: Introduction to EN 1990; EN 1991 and EN 1995; Timber as a structural material; Design of members subjected to flexure; Design of axially loaded members and walls; Design of Glulam and LVL; Design of bracing; Design of composite timber/wood based sections; Design of built-up columns; Design of metal dowel type connections; Design of other types connections; Moment capacity of joints formed with metal dowel fasteners; Design of roof trusses; Bibliography; Appendix A: Using Mathcad for design calculations; Appendix B: Table of section sizes for softwood timber; Appendix C: Weights of building materials; Appendix D: Tables giving the values of instability factor against slenderness ratio for solid timber members of strength classes C14 to C50 in BS EN 338:2003 – Structural timber – Strength classes; Appendix E: Related British standards for timber engineering.

2006, HARDBACK, 1-4051-4638-9, 384 PAGES, APPROX £69.50

Structural Steelwork

S.S. Ray

"a well thought-out book...students and practitioners would find it useful."

New Steel Construction

This manual covers the design of structural steelwork elements in a logical, step-by-step fashion. The text is backed up by numerous illustrations, design charts and tables, and refers to the relevant codes of practice throughout. A large number of worked examples cover almost all types of structural steelwork elements, including more advanced techniques.

Contents: Strength of materials; Theory of structures; Analysis of structures: worked examples; Design of structures; Design of struts; Design of ties; Design of composite beams and columns; Connections in steelwork; Corrosion protection; Material properties.

1998, HARDBACK
0-632-03857-8, 592 PAGES, 1000 LINE ILLUSTRATIONS, £75.00

Steel Designers' Manual

Sixth Edition

The Steel Construction Institute

"a must for anyone involved in steel design." **Journal of Constructional Steel Research**

This classic manual on structural steelwork design was first published in 1955. Since then it has sold many tens of thousands of copies worldwide.

The sixth edition retains the restructuring that was introduced in the fifth edition, published in 1992. All chapters have been comprehensively reviewed and revised.

Key features of the new edition are:

- Text and worked examples revised in accordance with BS5950-1:2000 and BS5400-3:2000
- A completely new chapter on brittle fracture and fatigue, explaining the theory behind the current requirements of BS5950 and BS5400.
- New chapter on simple connections and moment connections, summarising industry best practice in these important areas.
- New chapter on sustainability and steel construction reflecting the rapidly growing importance of this topic.
- New chapter on the Eurocodes, summarising the principal differences with current national standards.
- Rewritten chapter on steel piling capturing recent developments.

This book continues to provide, in one volume, the essential knowledge for the design of conventional steelwork.

2005, PAPERBACK, 1-4051-3412-7, 1368 PAGES, £45.00

Plastic Design to BS 5950

The Steel Construction Institute

This book examines the plastic design and behaviour of main frames, both low rise industrial and agricultural, and multi-storey. Topics which concern practitioners and students alike such as member and frame stability, restraints and connections are covered in clear and detailed presentations. The explanations are backed up by a large number of diagrams and numerous worked examples.

1996, HARDBACK, 0-632-04088-2, 304 PAGES, 230 ILLUSTRATIONS, £55.00

See also

Principles of Structures

Ariel Hanaor

page 28



Sewage and Industrial Effluent Treatment

Second Edition

John Arundel

This book provides a practical guide for plant managers, operators and consultants to the equipment and techniques available for improving the standard of effluent discharges from factories and treatment plant, to comply with the tougher discharge limits that the regulatory bodies now require. It reviews both established techniques, showing how to maximise their potential, and new ones, providing a wide range of options from upgrading present plant to trying something new, but with a high chance of success first time. Practicality and simplicity of approach are stressed, with a range of case studies to demonstrate the approach. The second edition features a new chapter on cesspools, septic tanks and small treatment plant.

1999, HARDBACK
0-632-05356-9, 288 PAGES, 85 ILLUSTRATIONS, £52.50

Site Surveying

Second edition

John Muskett

"It is a most comprehensive book providing excellent value for money." ASI Journal

1995, PAPERBACK, 0-632-03848-9, 384 PAGES,
140 ILLUSTRATIONS, £27.99

Civil Engineering Hydraulics

Fourth Edition

C. Nalluri and R. E. Featherstone

"This text book has successfully found a niche in a crowded market. It could be used as an effective undergraduate text, although it would need to be closely integrated with the lecture material if it were to be the only recommended textbook on a course... This book should find a place on the shelves of both academic and practising hydraulic engineers." Journal of Hydraulic Research

This well established text provides a succinct introduction to the theory of civil engineering hydraulics, together with a large number of worked examples and exercise problems with answers, to help readers assess their understanding of the theory and methods of analysis and design.

The Fourth Edition features a new chapter on hydraulic structures and an expanded section on the gradient method for pipe networks design. Additional problems and worked examples have been added.

A Solutions Manual is also available online exclusively to lecturers. Log on at: www.blackwell-science.com/nalluri/ to find out more.

2001, PAPERBACK
0-632-05514-6, 448 PAGES, ILLUSTRATED, £26.99

Highway Engineering

Martin Rogers

'The book gives an excellent grounding in Highway Engineering all the way from conception to maintenance.'
Civil Engineering

This book introduces the civil engineering student at both professional and technician level to the subject of highway engineering. The book covers topics ranging from the initial planning and economic appraisal of a scheme and the assessing of its physical extent based on predicted flows to the design of its pavement and subsequent maintenance and repair.

The aim is to give the student a solid, practically based foundation in the topic of highway engineering and a gateway into the more advanced texts within the subject.

2003, PAPERBACK, 0-632-05993-1, 296 PAGES,
116 ILLUSTRATIONS, £26.50

Engineering Project Appraisal

Martin Rogers

Accredited professional engineering courses (including SARTOR approved courses) now require students to develop an awareness of the economic, financial, social and environmental factors of a development project, along with an understanding of risk analysis and quality systems. Therefore, to be successful, engineering projects must be properly planned and those plans assessed and evaluated on their merits.

This book provides details on the evaluation techniques required to assess project plans, and information on both economic and non-economic methods of project appraisal. Worked examples and case studies are given to illustrate the applicability of each set of techniques. *Engineering Project Appraisal* will prove an invaluable and informative guide for both students and practitioners involved in the area of engineering project planning.

2001, PAPERBACK, 0-632-05606-1, 304 PAGES,
10 ILLUSTRATIONS, £28.50

Ground Bioengineering Techniques

for Slope Protection and Erosion Control

H.M. Schiechl and R. Stern

This book, the first of a pair of volumes on bioengineering techniques, shows how vegetation can be used for the engineering and ecological enhancement of earth structures. This provides protection and stabilisation of both natural and man-made slopes along transportation routes, such as motorways, and for industrial, housing and leisure facilities.

1996, HARDBACK, 0-632-04061-0, 224 PAGES,
100 ILLUSTRATIONS (18 PAGES COLOUR), £55.00



Water Bioengineering Techniques

for Watercourse Bank and Shoreline Protection

H.M. Schiechl and R. Stern

This practical handbook shows how vegetation can be used for the protection, stabilisation and ecological enhancement of riverbanks and shores. It covers a range of techniques from wholly vegetative 'soft' techniques to 'semi-hard' or composite structures with vegetative inclusions. A chapter on bioengineering techniques in earth dam and floodbank construction is also included.

1996, HARDBACK, 0-632-04066-1, 208 PAGES,
100 ILLUSTRATIONS (20 PAGES COLOUR), £55.00

Elements of Soil Mechanics

Seventh edition

G. N. Smith and I.G.N. Smith

This well established book provides a core text for civil engineering students. The seventh edition includes for the first time limit state design procedures which are currently being introduced through the new Eurocode 7 document. It also features descriptions of the practices adopted following the British Standards Codes of Practice for earth retaining structures and reinforced soils: BS8002: 1994 and BS8006: 1995. The new edition includes an up-to-date appraisal of the problems of unsaturated soils. A new larger format has been introduced for this edition; the large number of worked examples and illustrations has been retained.

1998, PAPERBACK, 0-632-04126-9, 560 PAGES,
215 LINE ILLUSTRATIONS, £26.50

See also

Modern Construction Management

Fifth edition

Frank Harris and Ronald McCaffer

Page 9

Research Methods for Construction

Richard Fellows and Anita Liu

page 3

Join our free e-mail alerting service, and we'll send you news of the latest books in your field and/or journal tables of contents (with links to abstracts). See www.blackwellpublishing.com for more details.



Electrical Installation Designs

Third edition

Bill Atkinson and Roger Lovegrove

"The book should prove a great asset to electrical contractors for its practical and commercial approach to design and installation."

Electrical Times (on the previous edition)

The book shows how to design and complete a range of electrical installation projects - domestic, commercial, industrial and agricultural - in a competitive manner, while ensuring full compliance with the Wiring Regulations. Guidance is given on certification and test methods, with full attention given to electrical safety requirements.

The new edition has been updated to take account of the revised Wiring Regulations BS7671:2001.

2002, PAPERBACK, 1-405-10634-4, 224 PAGES, £24.99

See also

Building Services Component Life Manual

Building Lifeplans
Page 7

Handbook on the Wiring Regulations

Third edition

Electrical Contractors Association and Select

This well established handbook has been revised to take account of amendments introduced by BS 7671:2001 effective from 1 January 2002. The most significant changes are:

- chapter 13 rewritten to include three sections on protection for safety, design and selection of electrical equipment
- a new chapter on overvoltage protection
- a new chapter on high fire risk situations
- revisions to the requirements on rooms containing a bath or shower
- new earthing requirements for the installation of equipment with high protective conductor outlets.

2001, PAPERBACK, 0-632-06444-7, 232 PAGES, 55 ILLUSTRATIONS, £42.50



Electric Cables Handbook

Third edition

BICC Cables

Edited by George Moore

This handbook provides comprehensive coverage of all types of energy cables from wiring and flexible cables for general use, to distribution, transmission and submarine cables. It includes information on materials, design principles, installation and standards, with an extensive appendix of data on commonly used cable types. This third edition has been substantially revised with new sections of chapters on high temperature superconductivity, optical fibres in power transmission systems and communication cables. It is an extensive source of up-to-date and essential information for electrical engineers, contractors, supply authorities and cable manufacturers.

1997, HARDBACK, 0-632-04075-0, 1120 PAGES, £112.50

Electrical Installation Calculations

Third edition

B. D. Jenkins and Mark Coates

Published on behalf of the Electrical Contractors Association

This book provides guidance on how to carry out the calculations required for circuit design in compliance with the Wiring Regulations BS 7671. The new edition includes the 2001 revisions to the Regulations, operative from January 2002.

2002, PAPERBACK, 0-632-06485-4, 208 PAGES, £36.50



Electrical Safety and the Law

Fourth edition

Ken Oldham Smith and John M. Madden

This book summarises the British legislation covering electrical safety, including those regulations derived from European directives. It also addresses the legislation relating to the supply and use of safety-related electrotechnical control systems, particularly on machinery.

The Fourth Edition has been completely rewritten and expanded to include

- legislation (such as the Provision and Use of Work Equipment Regulations 1999), standards and guidance material issued or amended since the last edition.
- a new chapter on safety related electrotechnical control systems, incorporating commentary on BS EN 954-1 and BS IEC 61508, the main generic standards addressing the safety integrity of such systems.
- a new chapter on the competence of practitioners working with electrical systems and safety-related control systems.

2002, PAPERBACK, 0-632-06001-8, 368 PAGES, £38.50



Electrical Distribution in Buildings

Second edition

C. D. Poole

Revised by Trevor E. Marks

1993, HARDBACK, 0-632-03256-1, 256 PAGES, £42.50

A Practical Guide to the Wiring Regulations

Third edition

Geoffrey Stokes

This book provides a thorough, practical guide to the Wiring Regulations BS 7671: 2001. It features in particular: worked design examples, extensive tabular material and checklists, numerous illustrations and NICEIC specimen certificates and other forms. Particular attention is paid to the subjects of inspection, testing, verification, certification and reporting and there is guidance on specialised installations.

The Third Edition has been updated to take account of the 2001 amendments to the Wiring Regulations, including revisions on:

- protection against overcurrent
- isolation and switching
- zoning requirements for locations containing a bath or shower
- construction site installations
- highway power supplies and street furniture and equipment.

2002, PAPERBACK, 0-632-05898-6, 592 PAGES, £42.50



Handbook of Electrical Installation Practice

Fourth edition

Edited by Geoffrey Stokes

This book covers all key aspects of industrial, commercial and domestic installations and draws on the expertise of a wide range of industrial experts.

Chapters are devoted to topics such as wiring cables, mains and submains cables and distribution in buildings, as well as power supplies, transformers, switchgear, and electricity on construction sites. Standards and codes of practice, as well as safety, are also included.

Since the Third Edition was published, there have been many developments in technology and standards. The revolution in electronic microtechnology has made it possible to introduce more complex technologies in protective equipment and control systems, and these have been addressed in the new edition.

2003, HARDBACK, 0-632-06002-6, 688 PAGES, £85.00



JOURNALS

Information Systems Journal

Edited by: **David Avison & Guy Fitzgerald**

Managing Editor: **Philip Powell**

The *Information Systems Journal (ISJ)* aims to promote the study of, and interest in, information systems and to publish articles that reflect the wide and interdisciplinary nature of the subject. Articles are welcome on research, practice, experience, current issues and debates. The journal seeks to integrate technological disciplines with management and other areas such as psychology, philosophy, semiology and sociology. Papers reporting on research conducted using any appropriate research method are acceptable although *ISJ* has particularly built its reputation by publishing qualitative research. Articles from practitioners as well as academics are appropriate.



FOR MORE INFORMATION PLEASE GO TO:
WWW.BLACKWELLPUBLISHING.COM/ISJ

Journal of Computer Assisted Learning

Theory and Research on Learning with New Technologies.

Edited by: **Charles Crook**

Deputy Editor: **Richard Joiner**

The *Journal of Computer Assisted Learning* is an international peer-reviewed journal which covers the whole range of uses of information and communication technology to support learning and knowledge exchange. It aims to provide a medium for communication between researchers and the practitioners and to foster collaborative research. It is a rich source of material for research students in areas such as collaborative learning, knowledge engineering, open, distance and networked learning, developmental psychology and evaluation. The research themes are treated in a way which will maximize their influence on developments and practice in education, vocational training and professional development.



FOR MORE INFORMATION PLEASE GO TO:
WWW.BLACKWELLPUBLISHING.COM/JCA

Expert Systems

The International Journal of Knowledge Engineering and Neural Networks

Edited by: **James L. Alty, Gordon Rugg, Peter McGeorge and Lucia Rapanotti**

Expert Systems is devoted to all aspects of artificial intelligence and advanced computing. The journal's readers include knowledge engineers, artificial intelligence researchers, project managers, computer scientists and managers. It is written for those who need an international perspective on expert systems and neural networks, whether as developer, supplier or potential user.

FOR MORE INFORMATION PLEASE GO TO:
WWW.BLACKWELLPUBLISHING.COM/EXSY

British Journal of Educational Technology

Published on behalf of the British Educational Communications and Technology Agency (BECTA)

Edited by: **Nick Rushby**

The *British Journal of Educational Technology* provides readers with the widest possible coverage of developments in educational technology world-wide. BJET is a primary source for academics and professionals in the expanding fields of education, training and information technology. Articles cover the whole range of education and training, concentrating on the theory, applications and development of educational technology and communications. The Colloquium section publishes shorter contributions, summarising work in progress, raising queries, and questioning received wisdom.

FOR MORE INFORMATION PLEASE GO TO:
WWW.BLACKWELLPUBLISHING.COM/BJET

Mechanical Science

Third edition

W. Bolton

This book gives comprehensive coverage of mechanical science for HNC/HND students taking mechanical engineering courses, including all topics likely to be covered in both years of such courses, as well as for first year undergraduate courses in mechanical engineering. It features 500 problems with answers and 200 worked examples. The third edition includes a new section on power transmission and an appendix on mathematics to help students with the basic notation of calculus and solution of differential equations.

Contents: Preface; Forces and equilibrium; Simple stress and strain; Beams; Deflections of beams; Struts and columns; Torsion; Strain energy; Stress and strain analysis; Cylindrical shells; Linear and angular motion; Mechanisms; Turning moment diagrams; Power transmission; Friction clutches, bearings and belt drives; Gyroscopic motion; Free vibration; Damped and forced oscillations; Vibrations of multi-degree systems; Finite element method; Appendix: Some mathematics help; Answers to problems; Index.

2006, PAPERBACK, 1-4051-3794-0,
494 PAGES, £23.50



Heating Systems Plant and Control

Anthony R. Day,
Martin S. Ratcliffe and
Keith J. Shepherd

The book provides an up-to-date review of the design, engineering and control of modern heating systems. Part A deals with heat generating plant. While this concentrates on conventional and condensing boilers, small-scale combined heat and power systems and heat pumps are also discussed. Part B deals with heat emitters, pipe circuits and variable-speed pumping, hot water service, optimum plant size and the vital issues of plant and system control, including sequence control of multiple boilers. Techniques for managing the energy use and running costs of heating systems are also discussed.

Contents: Introduction; Boilers and burners; Flueing; Alternative means of heat generation; Heat emitters; Heating circuits; Hot water services; Matching output to demand; Performance; Managing energy use and running costs.

2003, HARDBACK, 0-632-05937-0, 336 PAGES,
40 ILLUSTRATIONS, £57.50



VAV Air Conditioning Systems

K.J. Shepherd

Provides a detailed review of the design, operation and control of variable air volume (VAV) air conditioning systems. VAV systems have been used widely throughout the world in multizone air conditioning applications since they were first developed over 30 years.

While the book concentrates on single-duct throttling VAV systems, all principal types of VAV systems are discussed, including fan-assisted terminal units and dual-duct VAV. It examines in detail the characteristics, design and engineering of VAV, and also includes comparisons of capital and running costs, energy use and the various alternatives available to the system designer.

Contents: Air conditioning and VAV Systems; System layout and components; VAV system fundamentals; Heating, humidity control and room air distribution; Ventilation, indoor air quality and building pressurisation; The loads on VAV systems; VAV terminal units; Supply fans and air distribution in VAV systems; Return fans in VAV systems; VAV and alternative system comparisons; A bibliography of VAV systems; Index.

1999, HARDBACK
0-632-04276-1, 352 PAGES, 100 ILLUSTRATIONS, £67.50



See also

Design and Installation of Marine Pipelines

Mikael W. Braestrup, Jan B. Andersen,
Lars Wahl Andersen, Mads B. Bryndum,
Niels Jorgen Rishoj Nielsen and
Curt J Christensen

page 29

Modelling Methods for Energy in Buildings

Chris Underwood and
Francis Yik

Climate change mitigation and sustainable practices are now at the top of political and technical agendas. Environmental system modelling provides a way of appraising options and this book will make a significant contribution to the uptake of such systems.

It provides knowledge of the principles involved in modelling systems, builds confidence amongst designers and offers a broad perspective of the potential of these new technologies.

The aim of the book is to: provide an understanding of the concepts and principles behind predictive modelling methods; review progress in the development of the modelling software available; explore modelling in building design through international case studies based on real design problems.

Contents: Heat Transfer in Building Elements; Modelling Heat Transfer in Building Envelopes; Mass Transfer, Air Movement and Ventilation; Steady-State Plant Modelling; Modelling Control Systems; Modelling in Practice I; Modelling in Practice II.

2004, HARDBACK, 0-632-05936-2, 312 PAGES,
200 ILLUSTRATIONS, £69.50



JOURNALS

Fatigue & Fracture of Engineering Materials & Structures



Edited by: **Ian Howard, Eann Patterson and John Yates**

Associate Editors: **X. R. Wu (China) Y. Murakami (Japan) and A. Saxena (USA)**

Fatigue & Fracture of Engineering Materials & Structures encompasses the broad topic of structural integrity which is founded on the mechanics of fatigue and fracture, and is concerned with the reliability and effectiveness of structural components of any scale, geometry or material. The editors publish original contributions that will stimulate the intellectual innovation that generates elegant, effective, and economic engineering designs.

The journal is interdisciplinary and includes papers from engineers, metallurgists, materials scientists, computer scientists, physicists, chemists, and mathematicians.

FOR MORE INFORMATION PLEASE GO TO:
WWW.BLACKWELLPUBLISHING.COM/FFE

Strain

The Journal of EURASEM



Edited by: **Robert Mines**

Strain is an international journal that contains contributions from leading-edge research on the measurement of the mechanical behaviour of structures and systems. *Strain* updates engineers and scientists with new developments in measurement and current research activities. The journal includes papers from all engineering disciplines that deal with material behaviour and degradation under load, structural design and measurement techniques. Although the thrust of the journal is experimental, numerical simulations and validation are included in the coverage.

FOR MORE INFORMATION PLEASE GO TO:
WWW.BLACKWELLPUBLISHING.COM/STR

International Journal of Applied Ceramic Technology Published on behalf of the American Ceramic Society (ACerS)

Edited by: **Dr. Hua-Tay Lin**

The *International Journal of Applied Ceramic Technology* publishes cutting edge applied research and development work focused on commercialization of engineered ceramics, products and processes. The publication also explores the barriers to commercialization, design and testing, environmental health issues, international standardization activities, databases, and cost models. Designed to get high quality information to end-users quickly, the peer process is led by an editorial board of experts from industry, government, and universities. Each issue focuses on a high-interest, high-impact topic plus includes a range of papers detailing applications of ceramics.

FOR MORE INFORMATION PLEASE GO TO:
WWW.BLACKWELLPUBLISHING.COM/ACT

Journal of the American Ceramic Society

Published on behalf of the American Ceramic Society (ACerS)

Edited by: **David J. Green, David W. Johnson Jr, Lisa Klein**

The Journal of the American Ceramic Society contains records of original research that provide or lead to fundamental principles in the science of ceramics and ceramic-based composites. These papers include reports of the discovery of new phases, phase relationships, processing approaches and microstructures that relate to ceramic materials and processes. The papers establish the links between processing, structure characterization and properties of ceramics, including modeling approaches that are founded on basic mechanisms. Short papers for rapid publication are published as Communications and full-length papers as Articles. The published reports must be of enduring value and relevant to the field of ceramics.

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For over two decades *Experimental Techniques* has been the premier source for practicing engineers and technicians who require ingenious methods of collecting testing and measurement data. It is a bi-monthly news magazine devoted to relatively brief and informal "how-to-do-it" or "how-not-to-do-it" articles, emphasizing experimental, analytical and computational techniques and methods. *Experimental Techniques* also offers the reader information on the latest commercially available hardware and software through product and literature releases and book reviews. This journal is vital to keeping current with the field.

Helicopter Test and Evaluation

Alastair Cooke and Eric Fitzpatrick

Although a number of texts on helicopter aerodynamics have been written, few have explained how the various theories concerning rotorborne flight underpin practical flight test and evaluation. This book combines theoretical information on aerodynamics, stability, control and performance with details of evaluation methodologies and practical guidance on the conduct of helicopter flight tests.

For each topic the relevant theory is explained briefly, followed by details of the practical aspects of testing a conventional helicopter. These include: safety considerations, planning the tests and the most efficient way to conduct individual flights.

Where possible typical test results are presented and discussed.

2002, HARDBACK, 0-632-05247-3, 768 PAGES,
240 ILLUSTRATIONS, £97.50 NOT FOR SALE IN USA

Understanding Aircraft Structures

Fourth edition

John Cutler and
Jeremy Liber

This book explains aircraft structures so as to provide a basic understanding of the subject and the terminology used, as well as illustrating some of the problems.

It provides a brief historical background, and covers parts of the aeroplane, loads, structural form, materials, processes, detail design, quality control, stressing, and the documentation associated with modification and repairs.

The Fourth Edition has been revised to take account of regulatory changes, including those that concern aircraft modification approval applications, quality and airworthiness. The work of the aircraft structures designer has been covered in greater detail than before.

The book is designed as an introduction for students taking higher certificate or degree courses in aeronautical engineering. It will also assist draughtsmen and licensed engineers to design air frame repairs or modifications which are acceptable to the CAA, FAA or other relevant airworthiness authorities.

2006, 1-4051-2032-0, 224 PAGES, £24.99

Intake Aerodynamics

Second edition

John Seddon and E.L. Goldsmith

This book - the first of its kind - covers ab initio the aerodynamics of subsonic and supersonic intakes in civil and military types of aircraft. The problems of both internal and external airflow are investigated. The contents and style of presentation will have a wide appeal. The emphasis throughout is on understanding the fluid mechanics of the process and the effect they have on the problems involved. Simple mathematics are used in analysis, and stress is placed on giving a physical picture of the flow, aided throughout by numerous illustrations. The Second Edition takes account of some of the computational and experimental data that has become available since the book was first published in 1985, together with other developments.

1999, HARDBACK, 0-632-04963-4, 432 PAGES,
356 ILLUSTRATIONS, £79.500 NOT FOR SALE IN USA

Helicopter Flight Dynamics

Second edition

Gareth D. Padfield

"a substantial volume... extremely readable, and likely to become a standard reference" **Aeronautical Journal**

Flying qualities are now a primary attribute in the requirements for future civil and military rotorcraft to ensure that high performance is achievable with safety, and efforts have therefore been made to establish robust criteria and mature the technologies for highly augmented flight control.

This book provides a comprehensive treatment of the subject, covering the theoretical background to the dynamics of helicopter flight, the development of handling criteria and new flight test techniques. The Second Edition has been updated and features a new chapter on degraded flying qualities and extended material providing a holistic approach to flying qualities engineering.

2007, HARDBACK, 1-4051-1817-2, 600 PAGES,
350 ILLUSTRATIONS, APPROX £89.50
NOT FOR SALE IN USA

Basic Helicopter Aerodynamics

Second edition

John Seddon

Second edition revised by
Simon Newman

This book gives an account from first principles of the aerodynamics of helicopter flight, concentrating on the well-known Sikorsky configuration of single main rotor with tail rotor. Early chapters deal with the the aerodynamics of the rotor in hover, vertical flight, forward flight and climb. Later chapters turn to the characteristics of the overall helicopter, its performance, stability and control, and the important field of aerodynamic research is discussed, with some reference also to aerodynamic design practice.

2001, HARDBACK, 0-632-05283-X, 192 PAGES
NOT FOR SALE IN USA, £37.50

The Design of the Aeroplane

Second edition

Darrol Stinton

This is a well-written and interesting text that should be enjoyed by a wide spectrum of readers." **Light Aviation**

A classic textbook of common-sense principles, used internationally in universities, colleges and training schools, this book pays due regard to the basic airworthiness requirements of the three world certificating authorities: the American FAA, British CAA and European JAA. Coverage includes seaplanes and is from microlight to business executive, sporting, acrobatic, training and agricultural aircraft. The new edition covers changes in national procedures and features a number of new aircraft.

2001, PAPERBACK, 0-632-05401-8, 704 PAGES,
300 ILLUSTRATIONS. £55.00 NOT FOR SALE IN USA

Gas Turbine Performance

Second edition

P.P. Walsh and P. Fletcher

Performance has to be understood by all concerned with gas turbine technology, whether designers, marketing staff or users. This book provides a practical guide to all the main aspects for performance, including topics not well covered elsewhere, such as transient performance, starting, windmilling and analysis of engine test data.

All turbine engine variants are discussed, including turbojets, turboprops, turboprops, turboshafts, auxiliary power units and ramjets. A substantial number of charts, tables and formulae provide not only trends and the form of relationships, but also a database for design purposes. Practical guidelines for engine design are provided throughout the text.

For the second edition, two new chapters have been added covering performance issues relating to engines in-service, and the techno-economic issues that determine whether a gas turbine project will be profitable.

The book meets a real need not only for those in the gas turbine industry, but also for gas turbine operators and purchasers such as airframe manufacturers, airlines and airforces, power utilities, the oil and gas industry and equipment suppliers. It also is of significant value to undergraduates of mechanical and aeronautical engineering.

About the first edition:

"Anyone with serious interest in gas-turbine technology will find this book almost a 'must have'" **Bill Gunston**

2004, HARDBACK, 0-632-06434-X, 720 PAGES, £69.50
NOT FOR SALE IN USA

The Anatomy of the Aeroplane

Second edition

Darrol Stinton

"The author is almost unique among test pilots in his applied combination of aircraft design, flight test practices and over 30 years of teaching them as one subject." **Neville Duke, Chief Test Pilot, Hawker Aircraft**

This classic text bridges the gap between aeronautical principles and the practical world of aeroplanes by explaining aircraft design in terms of aerodynamics, propulsion, land and water operation, and structural arrangement. The book has been updated to include the main advances in aircraft design, propulsion and manufacture since it was first published in 1966.

1998, PAPERBACK, 0-632-04029-7, 500 PAGES,
260 LINE ILLUSTRATIONS AND PHOTOS, £47.50
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