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This book provides an overview and up-to-date synthesis of the most commonly used non-destructive technologies for the reverse engineering of built infrastructure facilities. These technologies tackle both the geometric and radiometric characterization of built structures, and thus, validated technologies such as laser scanning, photogrammetry, and

This book provides guidance on building survey work for typical residential, commercial and industrial buildings, with advice on how to diagnose a wide range of defects. It considers both modern and older construction methods, together with new and traditional materials. The particular problems of alteration and renovation work are discussed, with guidance on how to carry out measured surveys. A separate chapter covers survey problems after flood and fire damage, and the legal section takes account of recent developments in case law relating to inspections and surveys of properties. This new edition continues to provide a thorough treatment of all the key issues relating to surveying buildings, dealing with the problems that surveyors are likely to encounter when inspecting buildings. Changes for the new edition include: Examples and references have been updated Evaluation of condition rating systems for domestic and commercial buildings A new section on the home condition reports More information on slate defects Bibliography revised and expanded, to make it more comprehensive Additional appendix showing the home condition report format

Since its publication in 1982 Sir Bernard Feilden's Conservation of Historic Buildings has

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become the standard text for architects and others involved in the conservation of historic structures. Leading practitioners around the world have praised the book as being the most significant single volume on the subject to be published. This third edition revises and updates a classic book, including completely new sections on conservation of Modern Movement buildings and non-destructive investigation. The result of the lifetime's experience of one of the world's leading architectural conservators, the book comprehensively surveys the fundamental principles of conservation in their application to historic buildings, and provides the basic information needed by architects, engineers and surveyors for the solution of problems of architectural conservation in almost every climatic region of the world. This edition is organized into three complementary parts: in the first the structure of buildings is dealt with in detail; the second focuses attention on the causes of decay and the materials they affect; and the third considers the practical role of the architect involved in conservation and rehabilitation. As well as being essential reading for architects and others concerned with conservation, many lay people with various kinds of responsibility for historic buildings will find this clearly written, jargon-free work a fruitful source of guidance and information.

This book provides state-of-the-art information on photogrammetry for cultural heritage, exploring the problems and presenting solutions that are applicable under real-world conditions and in various disciplines. Allowing readers to gain a basic understanding of cultural heritage documentation and practical image-based modelling techniques, it focuses on the use of photogrammetry to enhance the documentation of historic buildings in order to reflect the international trends and meet demands of the preservation community. Addressing heritage documentation from various perspectives, the book will appeal students and researchers from

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engineering backgrounds as well as from the arts and humanities.

Silent Invaders deals with the ubiquitous overuse of pesticides, which has led to unsustainable farming practices, imperiling the health of workers, consumers and the environment. The effects of these legal toxic products are studied from the perspective of women, as in some countries, particularly in the South, women make up 85 per cent or more of pesticide applicators. The volume covers a broad range of issues, from health to the need for regulation, to action that has been taken so far. It contains thirty-two essays written by authors from many nations, including India, and covers topics such as the Union Carbide gas leak at Bhopal twenty years ago (essay 29). The issue of pesticides is of particular interest at the moment due to the Centre for Science and Environment's reports on the presence of pesticide in mineral water and soft drinks.

Housing Fit for Purpose sets out a research-focused approach to looking at the challenges facing the built environment in approaching the design, construction and management of housing. This book uses original research by the author on housing performance evaluation and distils it for built environment professionals, arguing that learning from feedback should be taking place at every stage of the housing project lifecycle, improving outcomes for end users. Drawing on active research, this book shows why and how the design, construction and management of housing can be linked to feedback and actual evidence of how people choose, and learn, to use their homes. It examines the key concepts which underlie participatory design, occupancy feedback and learning, and includes a practical primer on how to undertake housing occupancy feedback.

Complete massage pathology information in one convenient text! Written by a massage

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therapist for massage therapists, Mosby's Pathology for Massage Therapists, 4th Edition provides direct information along with specific therapeutic recommendations. Coverage of over 300 pathologies shows you how to appropriately tailor treatment, and more than 500 full-color photographs make it easier to recognize common pathologies. This edition includes a new chapter on Hospital-based massage which covers protocols needed for therapists working with clients who are medically fragile. Written by massage therapy educator and practitioner Susan Salvo, this resource provides the pathology knowledge you need to succeed in the classroom and in your career. Coverage of over 300 pathologies provides you with ample information without being overwhelming. Over 500 full-color photographs helps you recognize common diseases and conditions. A user-friendly, comprehensive format makes it easy to find key information with learning objectives, list of pathologies, system overview, and pathologies, including description, etiology, signs and symptoms, treatment, and massage considerations. Caution boxes provide tips on prevention to keep practice safe and prepare students for emergency situations. Clinical Tips boxes provide brief, practical hints gleaned from the author's first-hand experience in clinical practice. Medical Technology boxes highlight special populations, such as clients in wheelchairs or with pacemakers, and explain what the medical device is, and what special precautions or contraindications practitioners should be aware of before working on these clients. List of pathologies with page number references included on the inside front cover for fast lookup of pathologies. UNIQUE! Hospital-based massage chapter covers different protocols needed for massage therapists working in institutionalized care setting and useful information about working with clients who are medically fragile. NEW! Updated pathologies reviewed by practicing massage therapists reflect what you will see in the

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field as a working practitioner. NEW! Pain content equips you with essential, up-to-date information on the latest theories and management techniques and provides the critical-thinking skills to apply that knowledge in practice.

Understanding the unique requirements of traditional buildings is crucial to providing appropriate guidance on their care and repair. This book will help practitioners identify the particular issues relating to older buildings and the problems they may encounter when surveying and repairing them. With the use of examples, the author provides invaluable information on how traditional buildings perform, emphasizing the need for a sensitive and sustainable approach which also takes account of the specific needs of the building. The book examines all aspects to be included in any assessment for survey and repair, and points out in detail the potential pitfalls. It also explores the controversial issues surrounding the treatment of damp and timber decay, advocating solutions that are appropriate to older buildings rather than using standard, often damaging, methods of treatment. The extensive case studies not only illustrate good conservation in practice but also how projects can go badly wrong, and how mistakes could have been avoided. This title explores the causes of movement and the actions required. It advises on alternatives to chemical treatment for damp and timber decay. It provides fully illustrated case studies with numerous photographs. It emphasizes a sustainable approach to conservation. It outlines the key legislation issues. It includes the Historic Buildings Prosecution Fines Database and other useful appendices.

Due to awareness of people and their choice to choose the treatment modules Unani system of medicine along with other alternative therapies regaining the popularity and emerging as the mainstream treatment choice. According to the Unani system of medicine most of the diseases

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especially the chronic one are due to the imbalance in humors. So to treat these diseases we must know the Humoral pathology. By keeping all these in minds the authors try to explain the Humoral pathology in very simple way. Authors assume that thorough study of this book surely helps the readers to understand the Humors theory and humors pathology. Authors are very grateful and like to thanks all the contributors and those who helped us in various ways & in different aspect to complete this book. This book covers following topics:

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As existing buildings age, nearly half of all construction activity in Britain is related to maintenance, refurbishment and conversions. Building adaptation is an activity that continues to make a significant contribution to the workload of the construction industry. Given its importance to sustainable construction, the proportion of adaptation works in relation to new build is likely to remain substantial for the foreseeable future, especially in the developed parts of the world. Building Adaptation, Second Edition is intended as a primer on the physical changes that can affect older properties. It demonstrates the general principles, techniques, and processes needed when existing buildings must undergo alteration, conversion, extension, improvement, or refurbishment. The publication of the first edition of Building Adaptation reflected the upsurge in refurbishment work. The book quickly established itself as one of the core texts for building surveying students and others on undergraduate and postgraduate built environment courses. This new edition continues to provide a comprehensive introduction to all the key issues relating to the adaptation of buildings. It deals with any work to a building over and above maintenance to change its capacity, function or performance. * A core text for building surveying students and undergraduate and postgraduate built environment courses * Revised and updated throughout, in particular on the characteristics of buildings and their refurbishment potential. * Includes numerous illustrations and examples that focus on a wide

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variety of different building types

This book presents a collection of chapters that examine various dimensions of development. Between 2000 and 2015, the Millennium Development Goals (MDGs) remained the overarching development framework that governed the international development community. After a decade and half of commitment to the MDGs, the framework is widely considered a success, although progress reported across countries has been uneven. The new overarching international development framework may not be successful or present the best opportunities for the desired global change without a better understanding of factors that contributed the most or the least to the attainment of the MDGs. The chapters presented in this book provide discussions and insights into understanding these factors better. They represent a collection of scholarship that address some of the important questions in international development. They adopt a wide range of research methods to provide insight into what works, and what does not, in promoting the stipulated development goals.

This book provides a novel approach to building pathology in current buildings. Drawing on the available literature, hands-on experience and fieldwork inspections, it presents a systematic perspective on the pathology of the building envelope. The book addresses natural stone claddings, adhesive ceramic tiling, renders, painted surfaces, External Thermal Insulation Composite Systems (ETICS), architectural concrete surfaces, windows and doors framing, and claddings for pitched and flat roofs. In addition to highlighting selected materials and construction elements, the book proposes a global classification system for defects and their probable causes, together with in situ diagnosis methods and repair techniques. It also identifies the relationships between defects and causes, diagnosis methods and repair

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techniques, and the interdependence between different defects, presenting these relations in the form of correlation matrices. Support files with detailed information and an inspection form are also provided. Selected case studies are presented to illustrate the value of a guidance system in fieldwork. Given its scope, the book offers a valuable guide, particularly for researchers, building inspectors, civil engineers, architects and maintenance planners. 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. * Covers all types of building - commercial, industrial and historical - not just domestic * Deals with particular problems of conversion and renovation work - increasingly important today * New edition features latest definitions of survey types, more on report writing and a range of other updates * 'a valuable reference book' - ASI Journal

Presenting an analysis of different approaches for predicting the service life of buildings, this monograph discusses various statistical tools and mathematical models, some of which have rarely been applied to the field. It explores methods including deterministic, factorial, stochastic and computational models and applies these to façade claddings. The models allow (i) identification of patterns of degradation, (ii) estimation of service life, (iii) analysis of loss of performance using probability functions, and (iv) estimation of service life using a probability distribution. The final chapter discusses the differences between the different methodologies

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and their advantages and limitations. The authors also argue that a better understanding of the service life of buildings results in more efficient building maintenance and reduced environmental costs. It not only provides an invaluable resource to students, researchers and industry professionals interested in service life prediction and sustainable construction, but is also of interest to environmental and materials scientists.

This volume focuses on research and practical issues connected with mortars on historic structures. The book is divided into four sections: Characterisation of Historic Mortars, Repair Mortars and Design Issues, Experimental Research into Properties of Repair Mortars, and Assessment and Testing. The papers present the latest work of researchers in their field. The individual contributions were selected from the contributions to the 2nd Historic Mortars Conference, which took place in Prague, September, 22-24, 2010. All papers were reviewed and improved as necessary before publication. This peer review process by the editors resulted in the 34 individual contributions included in here. One extra paper reviewing and summarising State-of-the-Art knowledge covered by this publication was added as a starting and navigational point for the reader. The editors believe that having these papers in print is important and they hope that it will stimulate further research into historic mortars and related subjects.

This book highlights new developments in the field of building pathology and rehabilitation, taking an in-depth look into current approaches to the surveying of buildings and the study of defect diagnosis, prognosis and remediation. Including a number of real-world case studies and a detailed set of references for further reading, the book will appeal to a wide readership of scientists, practitioners, students and lecturers.

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Hoverdia Eighteen is first of its kind and a brand new Two-In-One logic-number puzzle. The main puzzle is best represented by 8 long horizontal blocks and 8 long vertical blocks, with each long horizontal block and each long vertical block consists of 8 small boxes, which give the total of 64 boxes. Each long horizontal or long vertical block which consists of 8 boxes must contain one of the numbers from 1 to 8 inclusively without repeating any thereof - This is Rule One. The main puzzle with 64 boxes is also alternatively represented by 4 sub-puzzles which are called Quadrants and each quadrant is made up of 4x4 short blocks. For Rule Two in any of the 4 quadrants, after having complied with Rule One, each block, consists of 4 boxes, must be added up to the sum of 18 horizontally, vertically and diagonally.

This book is designed to be an inclusive for the best practice approach to building maintenance management, where the processes, procedures and operational systems meet a high standard of professional and academic competence. It offers a different perspective on building maintenance management by presenting the schematic building maintenance value chain model and it's implementation in Malaysian university buildings. The findings show an improvement to building performance, lower maintenance cost, building sustainability and increased maintenance service user satisfaction. The learning outcomes and summaries provided for each chapter and the extensive use of tables and figures add to the readability of the text. Though the book is based on data from Malaysia, it is useful for a much wider audience, and the informal writing style makes it an interesting reference source. This book is valuable for readers who are practitioners, professionals and for academic institutions that offer courses in the building field, including architecture, quantity surveying, civil engineering, building and facility management, property management, real estate. It will also be of interest

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to governments and others involved in the construction industry.

Conservation is part of a brand new series providing must-read practical guidance to running efficient and successful projects using the new RIBA Plan of Work 2013. Each guide takes a particular angle – in this case the author guides you through working on a conservation project - and explains the essential activities required at each stage. Concise and easy to use with a consistent format these guides provide the ultimate quick reference support at your desk or on-site. This is an authoritative 'how to' full of pragmatic advice, examples and in-text features such as 'hints and tips' that illuminate best practice and clever solutions. Designed to be used on all projects – large and small – and across all types of procurement, they are task rather than role-oriented acknowledging that a variety of people take on these responsibilities. They are also invaluable for architectural students at Part 3 who are getting to grips with the realities of practice.

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.

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Originating from the 16th edition of the Conference on Studies, Repairs and Maintenance of Heritage Architecture, this volume brings together latest contributions from scientists, architects, engineers and restoration experts dealing with different aspects of heritage buildings, including the preservation of architectural heritage.

Building pathology provides an interdisciplinary approach to the study of defects and performance in order to develop appropriate remedial and management solutions. It considers how the structure and materials of a building relate to its environment, its occupants and the way the building is used, so as to develop a better understanding of building failures. This book provides a well illustrated introduction to the discipline of building pathology, bridging the gap between 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. This second edition has been updated to reflect changes in legislation, guidance and construction, and provides new case studies that demonstrate the breadth and depth of the subject.

This book is great for anyone who is learning how to write uppercase letters of the alphabet. To the right of each letter, there is a designated practice page. Each practice page has lines for the letters to be written on. * Uppercase letters * * 8 x 10 book size *

This bestselling book has been fully revised and updated to include valuable new case studies and examples which help to demonstrate the common problems found in older buildings. It features many additional photographs illustrating the decay mechanisms and individual issues associated with damp, timber decay, masonry defects, roofing problems and many other aspects. The book begins by summarizing the basics of surveying practice, including the

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inspection, assessment, defect diagnosis and monitoring of defects. It then examines the building elements, discussing their construction, typical faults and their diagnoses. This section provides specific advice on assessing industrial monuments and features concise inspection checklists for ease of reference. In the final section, the author looks to the future, considering the specific challenges faced by property professionals when employed to survey historic buildings. The book is accompanied by comprehensive appendices, including sample survey forms, and a list of useful contacts is followed by an extensive bibliography. This book will be of particular interest to conservation officers, surveyors, architects, archaeologists and planners. Building Surveyor's Pocket Book is an accessible encyclopaedia of matters vital to building surveyors. Well-illustrated with diagrams, pictures, tables, and graphs, it covers all essential elements of building pathology, building performance, and building construction terminology in a simple, accessible way for the practitioner and student. This Pocket Book provides a practical and portable reference text, working as a first-stop publication for those wishing to refresh their knowledge or in need of guidance on surveying practice. Working through fundamental principles in key practice areas, the book is not overly bound by the regulation and legislation of one region, and the principles can be applied internationally. This book is ideal reading for individual surveyors, practitioners, and students in building surveying, facilities management, refurbishment, maintenance, renovation, and services management. It is also of use for those interested in building forensics, building performance, pathology, and anyone studying for their RICS APC. Many other professions in architecture, contracting,

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engineering, and safety will also find the book of use when undertaking similar practice. This book attempts to confront spatial, performative and cultural interrelations between tourism and social economic behavior by providing a critical platform for the articulation of touring consumption in our contemporary world. Tourism has become a significant area of scholarship especially given the industry's product development opportunities on a global scale. However, the emphasis placed on such research has largely been from a supply-side perspective. What needs to be explored is the shift towards the agencies of the tourist or traveler as consumer and consumption as being embodied as a moment of practice in continuous states of touring.

Building Pathology provides a detailed knowledge of how buildings are constructed, used, occupied and maintained, and the various mechanisms by which their structural, material and environmental conditions can be affected. This book introduces the concept of building pathology and bridges the gap between current approaches to the surveying of buildings and the detailed study of defect diagnosis, prognosis and remediation.

A unique case-based molecular approach to understanding pathology Pathology: A Modern Case Study is a concise, focused text that emphasizes the molecular and cellular biology essential to understanding the concepts of disease causation. The book includes numerous case studies designed to highlight the role of the pathologist in the team that provides patient care. Pathology: A Modern Case Study examines the role of

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anatomic, clinical, and molecular pathologists in dedicated chapters and in descriptions of the pathology of specific organ systems. Features Coverage of pathology focuses on modern approaches to common and important diseases Each chapter delivers the most up-to-date advances in pathology Learning aids include chapter summaries and overviews, bolded terms, and a glossary Common clinically relevant disease are highlighted Disease discussion is based on organ compartment and etiology Coverage includes: Disease and the Genome: Genetic, Developmental and Neoplastic Disease Cell Injury, Death and Aging and the Body's Response Environmental Injury Clinical Practice: Anatomic Pathology Clinical Practice: Molecular Pathology Clinical Practice: Molecular Pathology Organ-specific pathology covering all major body systems Molecular pathology Essential for undergraduate medical students and clinicians who wish to expand their knowledge pathology, Pathology: A Modern Case Study delivers valuable coverage that is directly related to a patient's condition and the clinical practice of pathology.

One distinct feature of human society since the dawn of civilization is the systematic use of inorganic building materials, such as natural stone, unburnt and burnt soil, adobe and brick, inorganic binders like lime and cement, and reinforced concrete. Our heritage has cultural, architectural and technological value and preserving such structures is a key issue today. Planners and conservation scientists need detailed site surveys and analyses to create a database that will serve to guide subsequent actions. One factor in

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this knowledge base is an understanding of how historic materials were prepared and the crucial properties that influence their long-term behaviour. Any assessment of the way such materials perform must crucially be based on an understanding of the methods used for their analysis. The editors here add to the knowledge base treating the materials used in historic structures, their properties, technology of use and conservation, and their performance in a changing environment. The book draws together 18 chapters dealing with the inorganic materials used in historic structures, such as adobe, brick, stone, mortars, concrete and plasters. The approach is complex, covering material characterisation as well as several case studies of historic structures from Europe, including Germany, Ireland, Italy, Poland, Portugal, Scotland, Slovenia and Spain, and the My Sôn Temples in Vietnam. An equally important component of the book covers the analysis of materials, together with a treatment of sustainable development, such as the protection of monuments from earthquakes and climate change. The authors are all leading international experts, drawn from a variety of backgrounds: architecture, civil engineering, conservation science, geology and material science, with close links to professional organisations such as ICOMOS or universities and research centres throughout Europe. Audience: This book will be of interest to geologists, engineers, restorers, consulting engineers, designers and other professionals dealing with cultural heritage and sustainable development. Also graduate students in applied geo-science (mineralogy, geochemistry, petrology),

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architecture and civil engineering will find interesting information in this book. RISA-3D (Rapid Interactive Structural Analysis) is used for structural analysis and design. The tools in RISA-3D are primarily used in structural engineering and they help users to design structural models using both parametric 3D modeling and 2D drafting elements. The RISA-3D model comprise of a physical representation of a structure. The structural modeling in RISA-3D can be used for structural designing and analysis application. The Exploring RISA-3D 14.0 book explains the concepts and principles of RISA-3D through practical examples, tutorials, and exercises. This enables the users to harness the power of structural designing with RISA-3D for their specific use. In this book, the author emphasizes on physical modeling, structural desining, creating load cases, specifying boundary conditions, preparation of project report. This book covers the various stages involved in analyzing. This book is specially meant for professionals and students in structural engineering, civil engineering, and allied fields in the building industry. Salient Features Detailed explanation of RISA-3D Real-world projects given as tutorials Tips and Notes throughout the textbook 200 pages of heavily illustrated text Self-Evaluation Tests, Review Questions, and Exercises at the end of the chapters Table of Contents Chapter 1: Introduction to RISA-3D Chapter 2: Getting Start with RISA-3D Chapter 3: Modeling Chapter 4: Loads Chapter 5: Boundary Conditions Chapter 6: Performing Analysis and Specifying Design Parameters Chapter 7: Viewing Results and Preparing Report Index

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Exposure therapy is the most effective psychological treatment for anxiety, yet many clinicians lack confidence in their ability to implement it effectively while keeping clients engaged. This indispensable book provides guidelines for conducting exposure-based interventions and overcoming common roadblocks. Drawing on cutting-edge theory and research, the authors walk clinicians through assessment and treatment planning and demonstrate a wealth of specific exposure exercises. Chapters are organized around common anxiety triggers that may cut across different diagnoses, making it easier to tailor treatment to each individual's needs. Several reproducible handouts and forms can be downloaded and printed in a convenient 8 1/2" x 11" size.

Since the publication of the first edition of *Architectural Technology*, in 2002, there have been significant developments in the number of courses, the profile of the discipline as well as significant changes in the Construction sector. The Second edition of *Architectural Technology* addresses these challenges directly. Much greater emphasis is given to the three core themes of the book - Environmental Sustainability; Innovation; and Design. An increase in the visual material included reinforces the critical role of Design, aiding students to better translate conceptual designs into built artefacts.

Building upon solid teaching practice from the previous edition, *Architectural Technology* is now more concisely structured to take the reader through the whole life cycle of a building, emphasising sustainability and building performance. Material on digital information, building information modelling (BIM) and information communication

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technologies has been updated. Most chapters have been re-titled to emphasise the importance of design and make the book more accessible to a wider range of students. Chapters conclude with updated/more extensive links to further reading. Architectural Technology, 2nd Edition: Bridges the knowledge gap between design and construction Tackles the core subjects of management, technologies and design from a sustainable building angle Addresses the buildability and performance of a design from a whole life perspective Thoroughly revised and updated this undergraduate level textbook is essential for Architectural Technology courses. Students studying Architectural Engineering, Architecture, Building Surveying; and more general Construction courses, will find the material invaluable.

This book presents the preservation principles and the current environmental challenges relating to monitoring heritage sites and buildings under the effects of climate change. It provides a clear overview of conservation action levels and the importance of participation and cooperation between them, and discusses evaluation and management methods, thermal comfort for the common usages, and conceptual methods for enhancing the built heritage. The research presented employed the “Zoom In, Zoom Out” approach for monitoring the Syrian coastal heritage sites threatened by the direct and indirect effects of climate change. Lastly, the book establishes the basic principles and

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conservation strategies for preserving the coastal heritage sites and buildings. As such, it is a valuable reference resource for researchers, developers, architects, and conservators involved in protecting the architectural heritage in coastal areas. It can also be used as a guidebook on preserving and monitoring built heritage sites at both macro and micro levels.

This antiquarian volume contains Andrew Taylor Still's 1902 treatise, "The Philosophy and Mechanical Principles of Osteopathy". Within this text, Still explores the principles that differentiate osteopathy from allopathy - and explains how to treat a variety of ailments and diseases. This detailed and accessible book written by the father of osteopathy himself is highly recommended for those with an interest in the subject. It will be of special utility to massage therapists and practitioners of allied treatments. Contents include: "My Authorities", "Age of Osteopathy", "Demand for Progress", "Truth is Truth", "Man is Triune", "Trash", "Osteopathy", "Nature is Health", "Our Relation to Other Systems", "Important Studies", etcetera. Many antiquarian books such as this are increasingly hard to come by and expensive, and it is with this in mind that we are republishing this volume now in an affordable, modern, high-quality edition. It comes complete with a specially commissioned new biography of the author.

Building Pathology Principles and Practice John Wiley & Sons

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Robin Barry's *Construction of Buildings* was first published in 1958 in 5 volumes, rapidly becoming a standard text on construction. In its current 2 volume format Barry remains hugely popular with both students and lecturers of construction and related disciplines. The third edition of Barry's *Advanced Construction of Buildings* expands and deepens your understanding of construction technology. It covers the construction of larger-scale buildings (primarily residential, commercial and industrial) constructed with load bearing frames, supported by chapters on fit-out and second fix, lifts and escalators, off-site construction and a new chapter on building obsolescence and revitalisation. Functional and performance requirements of the main building elements are emphasised throughout, as is building efficiency and meeting the challenges of limiting the environmental impact of buildings. You will find the text fully up to date with the latest building regulations and construction technologies. The new edition, with supporting material at www.wiley.com/go/barrysintroduction, is an ideal information source for developing a wider and deeper understanding of construction technology. This third edition of Bill Ransom's classic short textbook provides a solid introduction to the study of defects in buildings and, in consequence, to good practice in conservation and repair. Building failures continue to occur despite continuing experience and growing knowledge in the industry; they may even be

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on the increase due to cost-cutting measures, the inadequate testing of innovative products and techniques, a lack of maintenance, and user abuse and misuse. New material includes an outline of the principles of building pathology; new sections on deterioration mechanisms, service life prediction and dampness investigation. Complete with a handy glossary and bibliography, practitioners and students will find this an excellent source of guidance and information for investigating and avoiding building failures.

Hairnigans. Friendship. Big Dreams. The previously scheduled life Maya Hatton planned has been interrupted for an emergency broadcast announcement. A news station manager threatens to destroy over twenty years of brand and image building with a new contract from hell. Her husband Roddreccus moved into the rental property and refuses to move home without explanation. Instead of finding confidence, fun, and freedom as she enters her mid-fifties she's faced with crises. Fans believed she had it all together but her dream team lost a member, a villain hijacked her fairy tale marriage and now she needs to remember how to be the Maya everyone thinks she is or lose the best thing she ever had. Natural Sistahs series is written by an African American author whose chosen her natural hair since 1998. While one of many indie published black authors she considers her books appropriate for the women's

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fiction category though most would be shelved in the black fiction, black books, African American women's fiction, or black women's fiction section in most physical bookstores.

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