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### [Analysing Architecture](#) Elsevier

The book provides tools for visualizing space and walks the designer through other considerations such as building code requirements and environmental control needs.

### [The Architecture Reference & Specification Book Updated & Revised](#) Routledge

"Drawing relies on a clear vision. It also requires thought which, in, turn, builds understanding. Drawing cannot be detached from seeing and thinking about the fundamental nature of the subject matter being represented. The knowledge and understanding gained through drawing from life directly enhances our ability to draw from the imagination. Just as thought can be put into words, ideas can be made visible in a drawing to promote visual thinking and further stimulate the imagination. Once what is seen or imagined is made visible in a drawing, the image takes on a life of its own and communicates graphically. However eloquently or crudely, all drawings, speak to the eye." From the Preface . Francis D.K. Ching

### [Form & Space in Japanese Architecture](#) John Wiley & Sons

The classic, bestselling reference on architecture now revised and expanded! An essential one-volume reference of architectural topics using Francis D.K. Ching's signature presentation. It is the only dictionary that provides concise, accurate definitions illustrated with finely detailed, hand-rendered drawings. From Arch to Wood, every concept, technology, material and detail important to architects and designers are presented in Ching's unique style. Combining text and drawing, each term is given a minimum double-page spread on large format trim size, so that the term can be comprehensively explored, graphically showing relations between concepts and sub-terms. A comprehensive index permits the reader to locate any important word in the text. This long-awaited revision brings the latest concepts and technology of 21st century architecture, design and construction to this classic reference work. It is sure to be by the side of and used by any serious architect or designer, students of architecture, interior designers, and those in construction.

### [Interior Design Illustrated](#) John Wiley & Sons

Structure As Architecture provides readers with an accessible insight into the relationship between structure and architecture, focusing on the design principles that relate to both fields. Over one hundred case studies of contemporary buildings from countries across the globe including the UK, the US, France, Germany, Spain, Hong Kong and Australia are interspersed throughout the book. The author has visited and photographed each of these examples and analyzed them to show how structure plays a significant architectural role, as well as bearing loads. This is a highly illustrated sourcebook, providing a new insight into the role of structure, and discussing the point where the technical and the aesthetic meet to create the discipline of 'architecture'.

### [Understanding Architecture](#) Taylor & Francis

The three basic questions of EBS are (1) What bio-social, psychological, and cultural characteristics of human beings influence which characteristics of the built environment?; (2) What effects do which aspects of which environments have on which groups of people, under what circumstances, and when, why, and how?; and (3) Given this two-way interaction between people and environments, there must be mechanisms that link them. What are these mechanisms? Focusing on answers to these and other questions, "Culture, Architecture, and Design" discusses the relationship between culture, the built environment, and design by showing that the purpose of design is to create environments that suit users and is, therefore, user-oriented. Design must also be based on knowledge of how people and environments interact. Thus, design needs to respond to culture. In discussing (1) the nature and role of Environment-Behavior Studies (EBS); (2) the types of environments; (3) the

importance of culture; (4) preference, choice, and design; (5) the nature of culture; (6) the scale of culture; and (7) how to make culture usable, Amos Rapoport states that there needs to be a change from designing for one's own culture to understanding and designing for users' cultures and basing design on research in EBS, anthropology, and other relevant fields. Such changes should transform architecture and design so that it, in fact, does what it claims to do and is supposed to do? create better (i.e., more supportive) environments?

### [Introduction to Architecture](#) John Wiley & Sons

"Green Building Illustrated is a must-read for students and professionals in the building industry. The combination of incredibly expressive illustrations and accessible technical writing make concepts of green building on paper as intuitive as they would be if you toured a space with experts in sustainable building." —Rick Fedrizzi, President, CEO, and Founding Chair of the U.S. Green Building Council "The authors of Green Building Illustrated deliver clear and intelligent text, augmented by straightforward but compelling illustrations describing green building basics. This comprehensive book covers everything from the definition of green building, to details of high performance design, to sensible applications of renewable energy. This is a book with appeal for all architects and designers, because it addresses general principles such as holistic and integrated design, along with practical realities like affordability and energy codes. Green Building Illustrated describes a pathway for reaching Architecture 2030's carbon emission reduction targets for the built environment." —Ed Mazria, founder of Architecture 2030 "...a neophyte will have a very good overview of all the factors involved in green building. I see some excellent pedagogy at work!" —Jim Gunshinan, Editor, Home Energy Magazine Francis D.K. Ching brings his signature graphic style to the topic of sustainable design. In the tradition of the classic Building Construction Illustrated, Francis D.K. Ching and Ian M. Shapiro offer a graphical presentation to the theory, practices, and complexities of sustainable design using an approach that proceeds methodically. From the outside to the inside of a building, they cover all aspects of sustainability, providing a framework and detailed strategies to design buildings that are substantively green. The book begins with an explanation of why we need to build green, the theories behind it and current rating systems before moving on to a comprehensive discussion of vital topics. These topics include site selection, passive design using building shape, water conservation, ventilation and air quality, heating and cooling, minimum-impact materials, and much more. Explains the fundamental issues of sustainable design and construction in a beautifully illustrated format. Illustrated by legendary author, architect, and draftsman Francis D.K. Ching, with text by recognized engineer and researcher Ian M. Shapiro. Ideal for architects, engineers, and builders, as well as students in these fields. Sure to be the standard reference on the subject for students, professionals, and anyone interested in sustainable design and construction of buildings, Green Building Illustrated is an informative, practical, and graphically beautiful resource.

### [PERCEPTION in Architecture](#) John Wiley & Sons

Offers a concise and accessible presentation of important concepts for beginning designers, and experienced practitioners will appreciate its insightful and practical coverage of the relationship between building structures and interior spaces. A broad range of rich illustrations communicates visual information and ploughs fertile ground for creative ideas and inspiration.

### [Culture, Architecture, and Design](#) Rockport

The book is a guide for students and teachers to understand the need for, the role of and the methods and techniques of freehand analytical sketching in architecture. The presentation focuses on drawing as an approach to and phase of architectural design. The conceptual goal of this approach is to use drawing not as illustration or depiction, but as exploration. The first part of the book discusses underlying concepts of freehand sketching in design education and practice as a complement to digital technologies. The main component is a series of chapters that constitute a typology of fundamental issues in architecture and urban design; for instance, issues of "façade" are illustrated with sketch diagrams that show how façades can be explored and sketched through a series of specific questions and step-by-step procedures. In the expanded and updated edition, a new part explores the questions and experiences of large architectural offices in applying freehand drawing in the practice of architectural design. This book is especially timely in an age in which the false conflict between "traditional vs. digital" gives way to multiple design tools, including sketching. It fosters understanding of the essential human ability to investigate the designed and the natural world through freehand drawing.

### [The Dynamics of Architectural Form](#) John Wiley & Sons

THE CLASSIC GUIDE TO DRAWING FOR DESIGNERS, REVISED AND UPDATED TO INCLUDE CURRENT DIGITAL-DRAWING TECHNIQUES Hand drawing is an integral part of the design process and central to the architecture profession. An architect's precise interpretation and freedom of expression are captured through hand drawing, and it is perhaps the most fundamental skill that the designer must develop in order to communicate thoughts and ideas effectively. In his distinctive style, world-renowned author Francis D. K. Ching presents Design Drawing, Third Edition, the classic guide to hand drawing that clearly demonstrates how to use drawing as a practical tool for formulating and working through design problems. While digital tools continue to evolve, this Third Edition includes new illustrations and information on the latest digital-drawing techniques. Design Drawing, Third Edition covers the basics of drawing, including line, shape, tone, and space. Guiding the reader step-by-step through the entire drawing process, this Third Edition also examines different types of drawing techniques such as multiview, paraline, and perspective drawings—and reveals how the application of these techniques creates remarkable results. In addition, Design Drawing, Third Edition: • Features over 1,500 hand drawings—stunning illustrations in the author's signature style that reinforce the concepts and lessons of each chapter • Offers new exercises and illustrative examples that range in complexity • Presents all-new digital drawing topics, such as hybrid floor plans, digital models and fabrication, and hand-to-digital fluency • Includes access to a new website featuring videos of the author demonstrating freehand techniques in a step-by-step manner in the studio and on location Written and illustrated for professional architects, designers, fine artists, illustrators, instructors and students, Design Drawing, Third Edition is an all-in-one package and effective tool that clearly demonstrates drawing concepts and techniques in a visually stimulating format that outshines other works in the field. Foundations of Landscape Architecture Cambridge Scholars Publishing

The Second Edition of this classic introduction to the principles of architecture is everything you would expect from the celebrated architect, author, and illustrator, Francis D. K. Ching. Each page has been meticulously revised to incorporate contemporary examples of the principles of form, space, and order—the fundamental vocabulary of every designer. The result is a beautifully illustrated volume that embraces today's forms and looks at conventional models with a fresh perspective. Here, Ching examines every principal of architecture, juxtaposing images that span centuries and cross cultural boundaries to create a design vocabulary that is both elemental and timeless. Among the topics covered are point, line, plane, volume, proportion, scale, circulation, and the interdependence of form and space. While this revision continues to be a comprehensive primer on the ways form and space are interrelated and organized in the shaping of our environment, it has been refined to amplify and clarify concepts. In addition, the Second Edition contains: \* Numerous new hand-rendered drawings \* Expanded sections on openings and scale \* Expanded chapter on design principles \* New glossary and index categorized by the author \* New 8 1/2 x 11 upright trim In the Second Edition of Architecture: Form, Space, and Order, the author has opted for a larger format and crisper images. Mr. Ching has retained the style of his hand-lettered text, a hallmark of each of his books. This rich source of architectural prototypes, each rendered in Mr. Ching's signature style, also serves as a guide to architectural drawing. Doubtless, many will want this handsome volume for the sheer beauty of it. Architects and students alike will treasure this book for its wealth of practical information and its precise illustrations. Mr. Ching has once again created a visual reference that illuminates the world of architectural form.

### [Architectural Research Methods](#) John Wiley & Sons

First published in 1996, The Eyes of the Skin has become a classic of architectural theory. It asks the far-reaching question why, when there are five senses, has one single sense — sight — become so predominant in architectural culture and design? With the ascendancy of the digital and the all-pervasive use of the image electronically, it is a subject that has become all the more pressing and topical since the first edition's publication in the mid-1990s. Juhani Pallasmaa argues that the suppression of the other four sensory realms has led to the overall impoverishment of our built environment, often diminishing the emphasis on the spatial experience of a building and architecture's ability to inspire, engage and be wholly life enhancing. For every student studying Pallasmaa's classic text for the first time, The Eyes of the Skin is a revelation. It compellingly provides a totally fresh insight into architectural culture. This third edition meets readers' desire for a further understanding of the context of Pallasmaa's thinking by providing a new essay by architectural author and educator Peter MacKeith. This text combines both a biographical portrait of Pallasmaa and an outline of his architectural thinking, its origins and its relationship to the wider context of Nordic and European thought, past and present. The focus of the essay is on the fundamental humanity, insight and sensitivity of Pallasmaa's approach to architecture, bringing him closer to the reader. This is illustrated by Pallasmaa's sketches and photographs of his own work. The new edition also provides a foreword by the internationally renowned architect Steven Holl and a revised introduction by Pallasmaa himself.

### [Interior Design Illustrated](#) Univ of California Press

A classic examination of superb design through the centuries. Widely regarded as a classic in the field, Experiencing Architecture explores the history and promise of good design. Generously

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illustrated with historical examples of designing excellence—ranging from teacups, riding boots, and golf balls to the villas of Palladio and the fish-feeding pavilion of Beijing's Winter Palace—Rasmussen's accessible guide invites us to appreciate architecture not only as a profession, but as an art that shapes everyday experience. In the past, Rasmussen argues, architecture was not just an individual pursuit, but a community undertaking. Dwellings were built with a natural feeling for place, materials and use, resulting in "a remarkably suitable comeliness." While we cannot return to a former age, Rasmussen notes, we can still design spaces that are beautiful and useful by seeking to understand architecture as an art form that must be experienced. An understanding of good design comes not only from one's professional experience of architecture as an abstract, individual pursuit, but also from one's shared, everyday experience of architecture in real time—its particular use of light, color, shape, scale, texture, rhythm and sound. Experiencing Architecture reminds us of what good architectural design has accomplished over time, what it can accomplish still, and why it is worth pursuing. Wide-ranging and approachable, it is for anyone who has ever wondered "what instrument the architect plays on."

[Design Drawing](#) MIT Press

Now more than ever, architects need an interpretive guide to understand how the building code affects the early design of specific projects. This easy-to-use, illustrative guide is part of a new series covering building codes based on the International Building Code for 2006. This book presents the complex code issues inherent to elementary and secondary school design in a clear, easily understandable format.

Form and Fabric in Landscape Architecture Routledge

This book is an introduction to landscape architecture for students. Landscape architecture is a visual subject so the book is illustrated with the author's own drawings.

Building Codes Illustrated for Elementary and Secondary Schools John Wiley & Sons

PRECEDENTS IN ARCHITECTURE

Structure As Architecture John Wiley & Sons

A practical guide to research for architects and designers—now updated and expanded! From searching for the best glass to prevent glare to determining how clients might react to the color choice for restaurant walls, research is a crucial tool that architects must master in order to effectively address the technical, aesthetic, and behavioral issues that arise in their work. This book's unique coverage of research methods is specifically targeted to help professional designers and researchers better conduct and understand research. Part I explores basic research issues and concepts, and includes chapters on relating theory to method and design to research. Part II gives a comprehensive treatment of specific strategies for investigating built forms. In all, the book covers seven types of research, including historical, qualitative, correlational, experimental, simulation, logical argumentation, and case studies and mixed methods. Features new to this edition include: Strategies for investigation, practical examples, and resources for additional information A look at current trends and innovations in research Coverage of design studio – based research that shows how strategies described in the book can be employed in real life A discussion of digital media and online research New and updated examples of research studies A new chapter on the relationship between design and research Architectural Research Methods is an essential reference for architecture students and researchers as well as architects, interior designers, landscape architects, and building product manufacturers.

A Visual Dictionary of Architecture John Wiley & Sons

Buildings have often been studied whole in space, but never before have they been studied whole in time. How Buildings Learn is a masterful new synthesis that proposes that buildings adapt best when constantly refined and reshaped by their occupants, and that architects can mature from being artists of space to becoming artists of time. From the connected farmhouses of New England to I.M. Pei's Media Lab, from "satisficing" to "form follows funding," from the evolution of bungalows to the invention of Santa Fe Style, from Low Road military surplus buildings to a High Road English classic like Chatsworth—this is a far-ranging survey of unexplored essential territory. More than any other human artifacts, buildings improve with time—if they're allowed to. How Buildings Learn shows how to work with time rather than against it.

Building Structures Illustrated Routledge

Pioneering manifesto by founder of "International School." Technical and aesthetic theories, views of industry, economics, relation of form to function, "mass-production split," and much more. Profusely illustrated.

A Visual Dictionary of Architecture Wiley

Rudolf Arnheim has been known, since the publication of his groundbreaking Art and Visual Perception in 1974, as an authority on the psychological interpretation of the visual arts. Two anniversary volumes celebrate the landmark anniversaries of his works in 2009. In The Power of the Center, Arnheim uses a wealth of examples to consider the factors that determine the overall organization of visual form in works of painting, sculpture, and architecture. The Dynamics of Architectural Form explores the unexpected perceptual consequences of architecture with Arnheim's customary clarity and precision.

[The Eyes of the Skin](#) Documan Press Limited

Most architectural standards references contain thousands of pages of details, overwhelmingly more than architects need to know on any given day. The updated and revised edition of Architecture Reference & Specification contains vital information that's essential to planning and executing architectural

projects of all shapes and sizes, all in a format that is small enough to carry anywhere. It distills the data provided in standard architectural volumes and is an easy-to-use reference for the most indispensable—and most requested—types of architectural information.