

# Theory Of Architecture Concepts Themes And Practices

A Reflexive Reading of Urban Space  
 Architectural Humanities in Progress  
 Architecture  
 Culture-Meaning-Architecture  
 The Material Imagination  
 Theory of Architecture  
 The Rise of Academic Architectural Education  
 What Architecture Means  
 Aging, Autonomy, and Architecture  
 This Thing Called Theory  
 Understanding Sustainable Architecture  
 Research Methods and Techniques in Architecture  
 Constructing the Architect  
 Advances in Human Factors and Sustainable Infrastructure  
 The Theory of Architecture  
 Architecture, Mentalities and Meaning  
 Architectural Research Methods  
 Introducing Architectural Theory  
 The Semiotics of Movement in Space  
 Architectural Research Addressing Societal Challenges  
 Introduction to Architecture  
 New Architecture and Technology  
 Functionalism Revisited  
 Handbook of Visual Languages for Instructional Design: Theories and Practices  
 EDRA40  
 Two Spheres  
 The Art of Building in the Classical World  
 A Philosophy of Chinese Architecture  
 The Making of a Building  
 Transdisciplinary Knowledge Production in Architecture and Urbanism  
 The Handbook of Visual Culture  
 Handbook of Research on Digital Research Methods and Architectural Tools in Urban Planning and Design  
 Drawn to Design  
 Structure As Architecture  
 Revealing Architectural Design  
 The Handbook of Interior Design  
 The Mathematics of the Modernist Villa  
 The Architecture of Persistence  
 Architectural Research Addressing Societal Challenges Volume 1

*Theory Of Architecture Concepts Themes And Practices*

Downloaded from [blog.gmercyyu.edu](http://blog.gmercyyu.edu) by guest

## MARQUES WILSON

**A Reflexive Reading of Urban Space** CRC Press

Structure as Architecture presents a comprehensive analysis of the indispensable role of structure in architecture. An exploration, as well as a celebration, of structure, the book draws on a series of design studies and case study examples to illustrate how structure can be employed to realize a wide range of concepts in contemporary architecture. By examining design principles that relate to both architecture and structural engineering, Andrew Charleson provides new insights into the relationship between both the technical and aesthetic aspects of architecture. Now in its second edition, the text has been extensively revised and updated throughout. Features include: A brand new chapter on hidden structure, adding to the material on exposed structures Two new chapters on using structure to realise common architectural concepts through a combination of precedents and creative design Over 50 new case studies from across the globe Easy-to-understand diagrams and a highly visual design to aid understanding and accessibility More than two hundred case studies of contemporary buildings from countries such as the UK, the US, France, Germany, Spain, Hong Kong, Australia and Japan illustrate how a thorough integration of structure adds layers of richness and enhances the realisation of architectural design concepts.

**Architectural Humanities in Progress** Routledge

In recent years architectural discourse has witnessed a renewed interest in materiality under the guise of such familiar tropes as 'material honesty,' 'form finding,' or 'digital materiality.' Motivated in part by the development of new materials and an increasing integration of designers in fabricating architecture, a proliferation of recent publications from both practice and academia explore the pragmatics of materiality and its role as a protagonist of architectural form. Yet, as the ethos of material pragmatism gains more popularity, theorizations about the poetic imagination of architecture continue to recede. Compared to an emphasis on the design of visual form in architectural practice, the material imagination is employed when the architect 'thinks matter, dreams in it, lives in it, or, in other words, materializes the imaginary.' As an alternative to a formal approach in architectural design, this book challenges readers to rethink the reverie of materials in architecture through an examination of historical precedent, architectural practice, literary sources, philosophical analyses and everyday experience. Focusing on matter as the premise of an architect's imagination, each chapter identifies and graphically illustrates how material imagination defines the conceptual premises for making architecture.

**Architecture** Routledge

Unlike books that concentrate on the monuments and other artefacts that architects produce, Constructing the Architect focuses on architecture as a disciplinary and professional process, an institution of society, and a career of learning and mastery. In doing so, it offers a lens into the architecture of architecture. Mapping architecture as a coherent whole, Leonard Bachman shows that the field must be understood as four mutually reinforcing modes of inquiry: design, research, strategy, and education. Within this framework, he explains how institutions and actors hold differing perspectives on the critical discourse that advances architecture and identifies the various tensions and leverage points for change within the discipline. Featuring

over 100 illustrations to support understanding of this highly visual subject, this is an essential introduction for any student seeking to understand what it means to be an architect and to enter the professional discourse.

*Culture-Meaning-Architecture* IGI Global

Many books have covered the topics of architecture, materials and technology. 'New Architecture and Technology' is the first to explore the interrelation between these three subjects. It illustrates the impact of modern technology and materials on architecture. The book explores the technical progress of building showing how developments, both past and present, are influenced by design methods. It provides a survey of contemporary architecture, as affected by construction technology. It also explores aspects of building technology within the context of general industrial, social and economic developments. The reader will acquire a vocabulary covering the entire range of structure types and learn a new approach to understanding the development of design.

**The Material Imagination** Springer Science & Business Media

What Architecture Means introduces you to architecture and allows you to explore the connections between design ideas and values across time, space, and culture. It equips you to play an active and informed role in architecture either as a professional or as a consumer, client, and citizen. By analyzing famous and everyday buildings while presenting and questioning the positions of important architects and theorists, this book will help you to evaluate and decide what qualities, ideas, and values you believe are important in architecture. You'll learn: -How various definitions of "architecture" establish different relationships with all buildings, and even non-buildings; -How buildings express and accommodate ideas of the sacred, the family, and the community; -What an architect is, and what priorities they bring to design and construction; -How an architect's expertise relates to that of the engineer, and why these are distinct disciplines; -About values like beauty, originality, structural expression, and cultural memory and their purpose in architectural design; -About the interests and ethical values that architects, and architecture, serves and promotes. Topics include sacred spaces, the house, the city, architects and engineers, aesthetics and design, originality and method, technology and form, memory and identity, and power and politics.

*Theory of Architecture* Routledge

Fractal analysis is a method for measuring, analysing and comparing the formal or geometric properties of complex objects. In this book it is used to investigate eighty-five buildings that have been designed by some of the twentieth-century's most respected and celebrated architects. Including designs by Le Corbusier, Eileen Gray, Frank Lloyd Wright, Robert Venturi, Frank Gehry, Peter Eisenman, Richard Meier and Kazuyo Sejima amongst others, this book uses mathematics to analyse arguments and theories about some of the world's most famous designs. Starting with 625 reconstructed architectural plans and elevations, and including more than 200 specially prepared views of famous buildings, this book presents the results of the largest mathematical study ever undertaken into architectural design and the largest single application of fractal analysis presented in any field. The data derived from this study is used to test three overarching hypotheses about social, stylistic and personal trends in design, along with five celebrated arguments about twentieth-century architecture. Through this process the book offers a unique mathematical insight into the history and theory of design.

*The Rise of Academic Architectural Education* Routledge

The EAAE/ARCC International Conference, held under the aegis of the EAAE (European Association for Architectural Education) and of the ARCC (Architectural Research Centers Consortium), is a conference organized every other year, in collaboration with one of the member schools / universities of those associations, alternatively in North America or in Europe. The EAAE/ARCC Conferences began at the North Carolina State University College of Design, Raleigh with a conference on Research in Design Education (1998); followed by conferences in Paris (2000), Montreal (2002), Dublin (2004), Philadelphia (2006), Copenhagen (2008), Washington (2010), Milan (2012) and Honolulu (2014). The conference discussions focus on research experiences in the field of architecture and architectural education, providing a critical forum for the dissemination and engagement of current ideas from around the world.

*What Architecture Means* Birkhäuser

This book presents the first detailed mathematical analysis of the social, cognitive and experiential properties of Modernist domestic architecture. The Modern Movement in architecture, which came to prominence during the first half of the twentieth century, may have been famous for its functional forms and machine-made aesthetic, but it also sought to challenge the way people inhabit, understand and experience space. Ludwig Mies van der Rohe's buildings were not only minimalist and transparent, they were designed to subvert traditional social hierarchies. Frank Lloyd Wright's organic Modernism not only attempted to negotiate a more responsive relationship between nature and architecture, but also shape the way people experience space. Richard Neutra's Californian Modernism is traditionally celebrated for its sleek, geometric forms, but his intention was to use design to support a heightened understanding of context. Glenn Murcutt's pristine pavilions, seemingly the epitome of regional Modernism, actually raise important questions about the socio-spatial structure of architecture. Rather than focussing on form or style in Modernism, this book examines the spatial, social and experiential properties of thirty-seven designs by Wright, Mies, Neutra and Murcutt. The computational and mathematical methods used for this purpose are drawn from space syntax, isovist geometry and graph theory. The specific issues that are examined include: the sensory and emotional appeal of space and form; shifting social and spatial structures in architectural planning; wayfinding and visual understanding; and the relationship between form and program.

**Aging, Autonomy, and Architecture** BookRix

The Theory of Architecture John Wiley & Sons

*This Thing Called Theory* Routledge

A Philosophy of Chinese Architecture: Past, Present, Future examines the impact of Chinese philosophy on China's historic structures, as well as on modern Chinese urban aesthetics and architectural forms. For architecture in China moving forward, author David Wang posits a theory, the New Virtualism, which links current trends in computational design with long-standing Chinese philosophical themes. The book also assesses twentieth-century Chinese architecture through the lenses of positivism, consciousness (phenomenology), and linguistics (structuralism and poststructuralism).

Illustrated with over 70 black-and-white images, this book establishes philosophical baselines for assessing architectural developments in China, past, present and future.

*Understanding Sustainable Architecture* Bloomsbury Publishing

The escalating interdependency of nations drives global geopolitics to shift ever more quickly. Societies seem unable to control any change that affects their cities, whether positively or negatively. Challenges are global, but solutions need to be implemented locally. How can architectural research contribute to the future of our changing society? How has it contributed in the past? The theme of the 10th EAAE/ARCC International Conference, "Architectural Research Addressing Societal Challenges", was set to address these questions. This book, Architectural Research Addressing Societal Challenges, includes reviewed papers presented in June 2016, at the 10th EAAE/ARCC International Conference, which was held at the facilities of the Faculty of Architecture of the University of Lisbon. The papers have been further divided into the following five sub-themes: a Changing Society; In Transit - Global Migration; Renaturalization of the City; Emerging Fields of Architectural Practice; and Research on Architectural Education. The EAAE/ARCC International Conference, held under the aegis of the EAAE and of the ARCC, is a conference organized every other year, in collaboration with one of the member schools/ universities of those associations, alternatively in North America or in Europe.

**Research Methods and Techniques in Architecture** John Wiley & Sons

Visual culture has become one of the most dynamic fields of scholarship, a reflection of how the study of human culture increasingly requires distinctively visual ways of thinking and methods of analysis. Bringing together leading international scholars to assess all aspects of visual culture, the Handbook aims to provide a comprehensive and authoritative overview of the subject. The Handbook embraces the extraordinary range of disciplines which now engage in the study of the visual - film and photography, television, fashion, visual arts, digital media, geography, philosophy, architecture, material culture, sociology, cultural studies and art history. Throughout, the Handbook is responsive to the cross-disciplinary nature of many of the key questions raised in visual culture around digitization, globalization, cyberculture, surveillance, spectacle, and the role of art. The Handbook guides readers new to the area, as well as experienced researchers, into the topics, issues and questions that have emerged in the study of visual culture since the start of the new millennium, conveying the boldness, excitement and vitality of the subject.

*Constructing the Architect* CRC Press

The Architecture of Persistence argues that continued human use is the ultimate measure of sustainability in architecture, and that expanding the discourse about adaptability to include continuity as well as change offers the architectural manifestation of resilience. Why do some buildings last for generations as beloved and useful places, while others do not? How can designers today create buildings that remain useful into the future? While architects and theorists have offered a wide range of ideas about building for change, this book focuses on persistent architecture: the material, spatial, and cultural processes that give rise to long-lived buildings. Organized in three parts, this book examines material longevity in the face of constant physical and cultural change, connects the dimensions of human use and contemporary program, and discusses how time informs the design process. Featuring dozens of interviews with people who design and use buildings, and a close analysis of over a hundred historic and contemporary projects, the principles of persistent architecture introduced here address urgent challenges for contemporary practice while pointing towards a more sustainable built environment in the future. The Architecture of Persistence: Designing for Future Use offers practitioners, students, and scholars a set of principles and illustrative precedents exploring architecture's unique ability to connect an instructive past, a useful present, and an unknown future.

**Advances in Human Factors and Sustainable Infrastructure** Routledge

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.

Taylor & Francis

Revealing Architectural Design examines the architectural design process from the point of view of knowledge domains, domain syntax, coherence, framing, thinking styles, decision-making and testing. Using straightforward language, the book connects general design thinking to underlying frameworks that are used in the architectural design process. The book provides historical grounding as well as clear examples of real design outcomes. It includes diagrams and explanations to make that content accessible. The frameworks and their methods are described by what they can accomplish, what biases they introduce and the use of their final outcomes. Revealing Architectural Design is an advanced primer useful to anyone interested in increasing the quality of their architectural design proposals through understanding the conceptual tools used to achieve that process. While it is intended for undergraduate and graduate students of architectural design, it will also be useful for experienced architectural practitioners. For the non-architect, this book opens a window into the priorities of a discipline seldom presented with such transparency.

*The Theory of Architecture* Routledge

The efficient usage, investigation, and promotion of new methods, tools, and technologies within the field of architecture, particularly in urban planning and design, is becoming more critical as innovation holds the key to cities becoming smarter and ultimately more sustainable. In response to this need, strategies that can potentially yield more realistic results are continually being sought. The Handbook of Research on Digital Research Methods and Architectural Tools in Urban Planning and Design is a critical reference source that comprehensively covers the concepts and processes of more than 20 new methods in both planning and design in the field of architecture and aims to explain the ways for researchers to apply these

methods in their works. Pairing innovative approaches alongside traditional research methods, the physical dimensions of traditional and new cities are addressed in addition to the non-physical aspects and applied models that are currently under development in new settlements such as sustainable cities, smart cities, creative cities, and intercultural cities. Featuring a wide range of topics such as built environment, urban morphology, and city information modeling, this book is essential for researchers, academicians, professionals, technology developers, architects, engineers, and policymakers.

**Architecture, Mentalities and Meaning** IGI Global

The question of what architecture is answered in this book with one sentence: Architecture is space created for human activities. The basic need to find food and water places these activities within a larger spatial field. Humans have learned and found ways to adjust to the various contextual difficulties that they faced as they roamed the earth. Thus rather than adapting, humans have always tried to change the context to their activities. Humanity has looked at the context not merely as a limitation, but rather as a spatial situation filled with opportunities that allows, through intellectual interaction, to change these limitations. Thus humanity has created within the world their own contextual bubble that firmly stands against the larger context it is set in. The key notion of the book is that architecture is space carved out of and against the context and that this process is deterministic.

*Architectural Research Methods* Cambridge University Press

In *Aging, Autonomy, and Architecture*, Benyamin Schwarz and Ruth Brent bring together many of the leading researchers and practitioners in the field to examine various aspects of the design and function of assisted living facilities. Concentrating on those characteristics that foster autonomy, the contributors offer case examples that bridge the gap between theory and practice. They comment on issues that include health care, the special needs of assisted living for persons with dementia, the importance of marketing and management, and the design of culturally sensitive facilities. The book will be a valuable resource for researchers, designers, and policy makers, as well as for students in gerontology and in architecture.

**Introducing Architectural Theory** Routledge

The *Theory of Architecture Concepts, Themes & Practices* Paul-Alan Johnson Although it has long been thought that theory directs architectural practice, no one has explained precisely how the connection between theory and practice is supposed to work. This guide asserts that architectural theory does not direct practice, but is itself a form of reflective practice. Paul-Alan Johnson cuts through the jargon and mystery of architectural

theory to clarify how it relates to actual applications in the field. He also reveals the connections between new and old ideas to enhance the reader's powers of critical evaluation. Nearly 100 major concepts, themes, and practices of architecture--as well as the rhetoric of architects and designers--are presented in an easily accessible format. Throughout, Johnson attempts to reduce each architectural notion into its essential concept. By doing so, he makes theory accessible for everyday professional discussion. Topics are arranged under ten headings: identification, definition, power, attitudes, ethics, order, authority, governance, relationship, and expression. Areas covered under these headings include: \* Utopic thought in theories of architecture \* Advocacy and citizen participation in architecture \* The basis of architectural quality and excellence \* The roles of the architect as artist, poet, scientist, and technologist \* Ethical obligations of architecture \* Rationales for models and methods of design \* How authority is determined in architecture \* How architects structure their concepts \* Conventions of communication within the architectural profession Each section begins by showing the etymology of key terms of the topic discussed, along with a summary history of the topic's use in architecture. Discussions probe the conceptual and philosophical difficulties of different theories, as well as their potential and limitations in past and present usage. Among the provocative issues discussed in terms of their relationship to architecture are chaos theory, feminism, service to the community, and the use of metaphor. Johnson points out with stunning clarity the intentions as well as the contradictions and inconsistencies of all notions and concepts. All architects and designers, as well as students and teachers in these disciplines, will gain many insights about architectural thought in this groundbreaking text.

**The Semiotics of Movement in Space** Birkhäuser

This is the most accessible architectural theory book that exists. Korydon Smith presents each common architectural subject – such as tectonics, use, and site – as though it were a conversation across history between theorists by providing you with the original text, a reflective text, and a philosophical text. He also introduces each chapter by highlighting key ideas and asking you a set of reflective questions so that you can hone your own theory, which is essential to both your success in the studio and your adaptability in the profession. These primary source texts, which are central to your understanding of the discipline, were written by such architects as Le Corbusier, Robert Venturi, and Adrian Forty. The appendices also have guides to aid your reading comprehension; to help you write descriptively, analytically, and disputationally; and to show you citation styles and how to do library-based research. More than any other architectural theory book about the great thinkers, *Introducing Architectural Theory* teaches you to think as well.

Related with Theory Of Architecture Concepts Themes And Practices:

- Ohio 5th Grade Science Standards : [click here](#)