

Studies In Tectonic Culture The Poetics Of Construction In Nineteenth And Twentieth Century Architecture

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 Architecture in the Islamic World
 Labour, Work and Architecture
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 Modern Architecture and the Lifeworld
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 Proceedings of the EAAE ARCC 10th International Conference (EAAE ARCC 2016), 15-18 June 2016, Lisbon, Portugal
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KAMREN MALLORY

Digital Tectonics Phaidon Press
 Wright at Avery / by Carole Ann Fabian -- Approaching Wright / by Barry Bergdoll -- Introduction / by Kenneth Frampton -- 1894-1930 -- 1930-1932 -- 1931-1939 -- 1939-1949 -- 1949-1959
Architecture in the Islamic World John Wiley & Sons
 Edward Ford's forty years of practicing and teaching architecture have focused on one area: the architectural detail. Yet, despite two hugely influential books (*The Details of Modern Architecture*, volumes 1 and 2), numerous articles, and lectures given from Vancouver to Vienna, there are two questions Ford has, remarkably, never answered: "What is a detail?" and more importantly, "What is a good detail?" Ford is an architect as well as a writer, so it is not surprising that rather than answering these questions in a third book, he spent six years on the design and construction of a house. Building it was not an exercise in the application of ideas about detail; it was, rather, a mechanism for answering those two simple questions.
Labour, Work and Architecture John Wiley & Sons
 The motivation for this reader in architecture was initiated by the observation of a declined terminological base among students, and therefore, a reduced ability to communicate, explore and elaborate ideas, narratives, sketches, models et cetera through language. Words such as ?nice?, ?super? and ?bad? had to often become the jargon of review sessions and exams, providing the receiver bad odds to decipher the intention and almost no possibility to engage into a conversation with the aim to collectively advance the work of the student. For this reason the reader was originally intended as a collection of texts, which were to span the broad field of architecture. In the mapping of texts suited for the collection, it became clear that if to sharpen the language used, a more specific trajectory in architecture would be beneficial. As both editors have tectonics in architecture as part of their primary field of interest, it was not difficult to narrow the scope of the publication to a reader on tectonics in architecture.
 Wang Shu Routledge
 Kenneth Frampton's long-awaited follow-up to his classic *A Critical History of Modern Architecture* is certain to influence any future debate on the evolution of modern architecture. *Studies in Tectonic Culture* is nothing less than a rethinking of the entire modern architectural tradition. The notion of tectonics as employed by Frampton -- the focus on architecture as a constructional craft -- constitutes a direct challenge to current

mainstream thinking on the artistic limits of postmodernism, and suggests a convincing alternative. Indeed, Frampton argues, modern architecture is invariably as much about structure and construction as it is about space and abstract form. Composed of ten essays and an epilogue that trace the history of contemporary form as an evolving poetic of structure and construction, the book's analytical framework rests on Frampton's close readings of key French and German, and English sources from the eighteenth century to the present. He clarifies the various turns that structural engineering and tectonic imagination have taken in the work of such architects as Perret, Wright, Kahn, Scarpa, and Mies, and shows how both constructional form and material character were integral to an evolving architectural expression of their work. Frampton also demonstrates that the way in which these elements are articulated from one work to the next provides a basis upon which to evaluate the work as a whole. This is especially evident in his consideration of the work of Perret, Mies, and Kahn and the continuities in their thought and attitudes that linked them to the past. Frampton considers the conscious cultivation of the tectonic tradition in architecture as an essential element in the future development of architectural form, casting a critical new light on the entire issue of modernity and on the place of much work that has passed as "avant-garde." A copublication of the Graham Foundation for Advanced Studies and The MIT Press.
Architectural Research Addressing Societal Challenges Brookings Institution Press
 Comprehensive monograph on one of America's greatest living architects by award-winning author and architecture critic Robert McCarter. This in-depth monograph is devoted to one of the leading United States architects on the contemporary scene: Steven Holl (b.1947). Richly illustrated with hundreds of colour photographs and Holl's own watercolours, the book introduces the artist's personality and works, and the studio he founded in 1976, Steven Holl architects. Holl studied architecture at the University of Washington at Seattle, and later in Rome and at the Architectural Association in London. He has worked both in the United States and in Europe, and a great deal in the East, especially in Japan. His most important designs, outstanding in their respect for the cultural and historical environment in which they are set, include the Makuhari residential complex in Japan, the St. Ignatius chapel at the University of Seattle, the Museum of Contemporary Art in Helsinki and the extension of the Cranbrook Institute of Science at Bloomfield Hills in Michigan. A professor at the Graduate School of Architecture of Columbia University, Holl has held courses and given lectures in several other institutions in the United States. He has won many awards, including the Arnold

W Brunner prize for architecture in 1990, and the Alvar Aalto medal in 1998. Robert McCarter has known and taught with Holl for over 30 years and provides an authoritative and personal examination of Holl and his work. A must-own book for architects as well as for students of the discipline.

Modern Architecture and the Lifeworld MIT Press
 Studies in Tectonic Culture The Poetics of Construction in Nineteenth and Twentieth Century Architecture MIT Press
 Nineteenth and Twentieth Century Architecture Routledge
 Robert McCarter provides a comprehensive study of Aldo van Eyck's 50-year career, guiding readers through the architect's buildings and unrealised projects, with a focus on the interior spatial experience as well as the design and construction processes. He investigates how van Eyck's writings and lectures convey the importance of architecture in the everyday lives of people around the world and throughout history, and by presenting the architect's design work together with the principles on which it was founded, illuminates van Eyck's ethical interpretation of architecture's place in the world.

The Poetics of Construction in Nineteenth and Twentieth Century Architecture MIT Press

The old opposition between a digital culture of sensuous, ephemeral images and a tectonic culture of pragmatic building has given way to a new collaboration between the two domains, a 'digital tectonics'. Computer linked fabrication techniques of many kinds have become an integral part of the design process, while new digital tools are allowing engineers and architects to understand in far more detail the behaviour of load carrying surfaces, and to generate new architectural forms. Digital and computer-linked design techniques is one of the hottest topics in architecture and in an ever-expanding world of digital technology this book tackles the practical elements of the field.

Complete Works Phaidon Press
 Amateur Attitude examines the recent work of the Chinese architect Wang Shu, Pritzker Prize winner in 2012. Exhibiting a contemporary aesthetic, the architect's buildings show his intense engagement with their setting and its history, coupled with reliance on traditional building techniques. He often reuses materials from city districts that have been torn down. This approach is based on a critical attitude toward the kind of overly rationalized architecture being built today in many of the world's cities, where efficiency seems to be the primary watchword. Wang Shu's architecture reveals instead a thoughtful attitude toward both design and implementation, as well as the ability to react flexibly to the context of a particular site--something he characterizes as an "Amateur Attitude." The essays place the

architect's work in its contemporary context, while extensive illustrations provide exclusive insights into his varied creative work.

[Technology, Place, and Architecture](#) Rizzoli International Publications

Composed of ten essays and an epilogue that trace the history of contemporary form as an evolving poetic of structure and construction, the book's analytical framework rests on Frampton's close readings of key French and German, and English sources from the eighteenth century to the present. Kenneth Frampton's long-awaited follow-up to his classic *A Critical History of Modern Architecture* is certain to influence any future debate on the evolution of modern architecture. *Studies in Tectonic Culture* is nothing less than a rethinking of the entire modern architectural tradition. The notion of tectonics as employed by Frampton—the focus on architecture as a constructional craft—constitutes a direct challenge to current mainstream thinking on the artistic limits of postmodernism, and suggests a convincing alternative. Indeed, Frampton argues, modern architecture is invariably as much about structure and construction as it is about space and abstract form. Composed of ten essays and an epilogue that trace the history of contemporary form as an evolving poetic of structure and construction, the book's analytical framework rests on Frampton's close readings of key French and German, and English sources from the eighteenth century to the present. He clarifies the various turns that structural engineering and tectonic imagination have taken in the work of such architects as Perret, Wright, Kahn, Scarpa, and Mies, and shows how both constructional form and material character were integral to an evolving architectural expression of their work. Frampton also demonstrates that the way in which these elements are articulated from one work to the next provides a basis upon which to evaluate the works as a whole. This is especially evident in his consideration of the work of Perret, Mies, and Kahn and the continuities in their thought and attitudes that linked them to the past. Frampton considers the conscious cultivation of the tectonic tradition in architecture as an essential element in the future development of architectural form, casting a critical new light on the entire issue of modernity and on the place of much work that has passed as "avant-garde." A copublication of the Graham Foundation for Advanced Studies and The MIT Press.

[Proceedings of the EAAE ARCC 10th International Conference \(EAAE ARCC 2016\), 15-18 June 2016, Lisbon, Portugal](#) Chronicle Books

Writer, architect, editor, and professor Kenneth Frampton has long exerted a tremendous global influence on both the theory and practice of architecture. In this illustrated volume, twenty-seven contributors from around the world explore and pay homage to his writing and teaching. Intended for architects, scholars, and students, the book is organized around broad themes representative of Frampton's contributions to the discipline, including landscape and urban form, technology and place, and pedagogy and practice. The premise of *Modern Architecture and the Lifeworld* is rooted in Frampton's understanding of the ways in which architecture must engage with both cultural and constructional imperatives; and it collectively addresses strategies for grappling with a range of contemporary issues, including the political discourses surrounding region and globalization, the future of the public realm, and the role of women in advancing the practice of architecture.

Economic Disruption, Political Upheaval, and Social Strife in the 21st Century MIT Press

The Sayn Foundry in Bendorf, a German town on the Rhine near the Dutch border, is a fascinating example of complex technological thinking. Although the structural detailing is typical of its period (1830), Prussian engineer and iron founder Karl Ludwig Althaus used and varied the many architectural and engineering models at hand in a sophisticated and complex building with structural elements that can be read as advertisements, machine parts, religious forms, or simply as building elements. The foundry, which is still standing, is just one of the many projects Peters examines in this broad synthesis of nineteenth-century technological thought and methods of design that form the basis of the modern built world. Through such examples, he traces the growth of technological thinking as one of our culture's chief modes of thought and establishes its primacy over other forms such as scientific or humanistic thinking as the major component of building design.

[Introducing Architectural Tectonics](#) Chronicle Books

Individually and in partnership, as architects, educators, and

advocates, the four principals of Platt Byard Dovell White Architects have made an indelible impression on the contemporary and historic architecture of New York City and beyond. In projects that range from historic preservation—the Charles A. Dana Discovery Center in Central Park and the Supreme Court of New York's Appellate Division First Department—to modernist interventions—the Saginaw Art Museum in Michigan and New 42nd Street Studios near Times Square—the firm's work is notable for its balance of innovation and tradition, of working within an urban context while contributing to that context. The first monograph on this award-winning firm, *Architecture on Architecture* illustrates the philosophy of Platt Byard Dovell White in its presentation of buildings and projects. Portfolios of twenty-three institutional, commercial, and residential works are complemented by two essays—one by noted critic Kenneth Frampton—and a lively timeline showing the personal and professional evolution of the architects.

Theoretical Investigations in Architecture Phaidon Press
Published on the occasion of Brasilia's fiftieth anniversary: a celebration in contemporary photography of the building of Brazil's capital city."

[The Details of Modern Architecture](#) Routledge

Comprehensive Tectonics considers building construction assemblies holistically to help you make architectural detailing decisions from the earth to the sky. Seven case studies from architecture firms such as Perkins + Will, Lake | Flato, and Olson Kundig Architects include more than 250 color images showing component details, building sections, wall sections, and floor plans. For each project, the architects explain their design intent and the reasons for their material and tectonic choices, to help you form your own strategies. This book will provide you with assistance by its ease of use with legible keys, scales, and reference images. Its key insights about why the firm chose certain materials will allow you to create your own process for utilizing building construction assemblies. *Comprehensive Tectonics* aims to give you a more comprehensive overview of building construction assemblies to aid in the creation of well-designed and well-developed architecture. Including a glossary and guide for how to determine assembly, this book makes a welcome desk reference and is an ideal addition for students in architecture integrated studios dealing with structures and materials and is also a useful addition for professional architects.

Subnature CRC Press

Introducing Architectural Tectonics is an exploration of the poetics of construction. Tectonic theory is an integrative philosophy examining the relationships formed between design, construction, and space while creating or experiencing a work of architecture. In this text, author Chad Schwartz presents an introductory investigation into tectonic theory, subdividing it into distinct concepts in order to make it accessible to beginning and advanced students alike. The book centers on the tectonic analysis of twenty contemporary works of architecture located in eleven countries including Germany, Italy, United States, Chile, Japan, Bangladesh, Spain, and Australia and designed by such notable architects as Tadao Ando, Herzog & de Meuron, Kengo Kuma, Olson Kundig, and Peter Zumthor. Although similarities do exist between the projects, their distinctly different characteristics—location and climate, context, size, program, construction methods—and range of interpretations of tectonic expression provide the most significant lessons of the book, helping you to understand tectonic theory. Written in clear, accessible language, these investigations examine the poetic creation of architecture, showing you lessons and concepts that you can integrate into your own work, whether studying in a university classroom or practicing in a professional office.

[Five Houses, Ten Details](#) Yale University Press

Bring on the Books for Everybody is an engaging assessment of the robust popular literary culture that has developed in the United States during the past two decades. Jim Collins describes how a once solitary and print-based experience has become an exuberantly social activity, enjoyed as much on the screen as on the page. Fueled by Oprah's Book Club, Miramax film adaptations, superstore bookshops, and new technologies such as the Kindle digital reader, literary fiction has been transformed into best-selling, high-concept entertainment. Collins highlights the infrastructural and cultural changes that have given rise to a flourishing reading public at a time when the future of the book has been called into question. Book reading, he claims, has not become obsolete; it has become integrated into popular visual media. Collins explores how digital technologies and the convergence of literary, visual, and consumer cultures have changed what counts as a "literary experience" in phenomena

ranging from lush film adaptations such as *The English Patient* and *Shakespeare in Love* to the customer communities at Amazon. Central to Collins's analysis and, he argues, to contemporary literary culture, is the notion that refined taste is now easily acquired; it is just a matter of knowing where to access it and whose advice to trust. Using recent novels, he shows that the redefined literary landscape has affected not just how books are being read, but also what sort of novels are being written for these passionate readers. Collins connects literary bestsellers from *The Jane Austen Book Club* and *Literacy and Longing in L.A.* to *Saturday* and *The Line of Beauty*, highlighting their depictions of fictional worlds filled with avid readers and their equations of reading with cultivated consumer taste.

[Comprehensive Tectonics](#) Routledge

The Tectonics of Structural Systems provides an architectural approach to the theory of structural systems. The book combines: structural recommendations to follow during the architectural design of various structural systems and the tectonic treatment of structural recommendations in architecture. Written expressly for students, the book makes structures understandable and useful, providing: practical and useful knowledge about structures a design based approach to the subject of structures and a bridge in the gap between structures and the theory of design. Good architectural examples for each structural system are given in order to demonstrate that tectonics can be achieved by applying technical knowledge about structures. Over 300 illustrations visually unpack the topics being explained, making the book ideal for the visual learner.

[Modern Architecture, 1920-1945](#) Rizzoli International Publications

A comprehensive, richly illustrated catalog focusing on materials used in great twentieth-century architecture. Viewed primarily in technical terms pertaining to construction, material has often been overlooked in the discourse on architectural design. Yet, it is material that breathes life into architecture by realizing concepts into meaningful physical forms. Whether it is wood, glass, steel, plastic, or concrete, material can be employed with unlimited flexibility and carries both visual and emotional characteristics through its expression. The first book of its kind to focus on materiality from a design perspective, *Material Precedent* is masterfully presented, with an impressive collection of crisp line drawings along with historical, material, tectonic, and typological analysis of twentieth-century buildings, providing readers with detailed instruction that traces the traditions and trends of material as the defining premise in the making of architecture. This unrivaled text: Is illustrated throughout with detailed line drawings Is perfect for use in a design studio or simply for understanding the role of materials in buildings, for a designer of any level Includes a companion Web site By cataloging and comparing the concepts behind modern building science using architectural precedent, *Material Precedent* examines structure, form, effect, detail, sustainability, and performance through material application to provide a comprehensive analysis of the materiality of architecture.

[Modernity and Community](#) MIT Press

An "anatomical" study of building systems integration with guidelines for practical applications. Through a systems approach to buildings, *Integrated Buildings: The Systems Basis of Architecture* details the practice of integration to bridge the gap between the design intentions and technical demands of building projects. Analytic methods are introduced that illustrate the value, benefit, and application of systems integration, as well as guidelines for selecting technical systems in the conceptual, schematic, and design development stages of projects. Landmark structures such as Eero Saarinen's John Deere Headquarters, Renzo Piano's Kansai International Airport, Glenn Murcutt's Magney House, and Richard Rogers's Lloyd's of London headquarters are presented as part of an extensive collection of case studies organized into seven categories: Laboratories Offices Pavilions Green Architecture High Tech Architecture Airport Terminals Residential Architecture Advanced material is provided on methods of integration, including an overview of integration topics, the systems basis of architecture, and the integration potential of various building systems. An expanded case study of Ibsen Nelsen's design for the Pacific Museum of Flight is used to demonstrate case study methods for tracing integration through any work of architecture. Visually enhanced with more than 300 illustrations, diagrams, and photographs, *Integrated Buildings: The Systems Basis of Architecture* is a valuable reference guide for architecture and civil engineering students, as well as architects, engineers, and other professionals in the construction industry.

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