

Architectural Theory Volume li An Anthology From 1871 To

Modern Architectural Theory is the first book to provide a comprehensive survey of architectural theory, primarily in Europe and the United States, during three centuries of development. In this synthetic overview, Harry Mallgrave examines architectural discourse within its social and political context. He explores the philosophical and conceptual evolution of its ideas, discusses the relation of theory to the practice of building, and, most importantly, considers the words of the architects themselves, as they contentiously shaped Western architecture. He also examines the compelling currents of French rationalist and British empiricist thought, radical reformation of the theory during the Enlightenment, the intellectual ambitions and historicist debates of the nineteenth century, and the distinctive varieties of modern theory in the twentieth century up to the profound social upheaval of the 1960s. Modern Architectural Theory challenges many assumptions about architectural modernism and uncovers many new dimensions of the debates about modernism.

This collection offers a comprehensive selection of journal articles and book chapters that provide readers with an historical overview of Architectural Theory, collating the canonical writings on the subject in one essential reference work. With each section beginning with an editorial introduction by the Editor explaining the context and choice of contents, this set is organised chronologically for ease of use. Each section will consider the key theories predominant in the time period with a broad range of representative published sources included. International in scope and reflecting various approaches in the best scholarship running up to the beginning of the 21st Century, this will be of major assistance for students of architecture quickly locating the best information.

A sharp and lively text that covers issues in depth but not to the point that they become inaccessible to beginning students, An Introduction to Architectural Theory is the first narrative history of this period, charting the veritable revolution in architectural thinking that has taken place, as well as the implications of this intellectual upheaval. The first comprehensive and critical history of architectural theory over the last fifty years surveys the intellectual history of architecture since 1968, including criticisms of high modernism, the rise of postmodern and poststructural theory, critical regionalism and tectonics Offers a comprehensive overview of the significant changes that architectural thinking has undergone in the past fifteen years Includes an analysis of where architecture stands and where it will likely move in the coming years This two volume work brings together the fundamental elements of architecture and presents them in a new and accessible format, defining the areas of knowledge necessary for successful design and criticism.

Combining a fascinating, thought-provoking and – above all – readable text with over 800 photographs, plans, and sections, this exciting new reading of modern architecture is a must for students and architecture enthusiasts alike. Organized largely as a chronology, chapters necessarily overlap to allow for the discrete examination of key themes including typologies, movements, and biographical studies, as well as the impact of evolving technology and country-specific influences.

Existentialism; Urbanism; Aporia; Deontic; Tabula Rasa; Hyperspace; Heterotopia; Metareality; Structuralism... What does it all mean? The unique language used in architectural theory – both in speech and writing – can appear daunting and confusing, particularly to new architectural students. Decoding Theoryspeak provides an accessible guide to the specialized language of contemporary design for the next generation of thinkers, architects and design leaders. It includes: definitions of over 200 terms clear cross-references illustrations throughout. It is an essential pocket-sized resource for students and practitioners alike.

This second volume of the landmark Architectural Theory anthology surveys the development of architectural theory from the Franco-Prussian war of 1871 until the end of the twentieth century. The entire two volume anthology follows the full range of architectural literature from classical times to present transformations. An ambitious anthology bringing together over 300 classic and contemporary essays that survey the key developments and trends in architecture. Spans the period from 1871 to 2005, from John Ruskin and the arts and crafts movement in Great Britain through to the development of Lingang New City, and the creation of a metropolis in the East China sea. Organized thematically, featuring general and section introductions and headnotes to each essay written by a renowned expert on architectural theory. Places the work of "starchitects" like Koolhaas, Eisenman, and Lynn alongside the work of prominent architectural critics, offering a balanced perspective on current debates. Includes many hard-to-find texts and works never previously translated into English. Alongside Volume I: An Anthology from Vitruvius to 1870, creates a stunning overview of architectural theory from early antiquity to the twenty-first century.

This essential reference for all students of architecture, design and the built environment provides a convenient single source for all the key texts in the recent literature on architecture and technology. The book contains over fifty carefully selected essays, manifestoes, reflections and theories by architects and architectural writers from 1900 to 2004. This mapping out of a century of architectural technology reveals the discipline's long and close attention to the experience and effects of new technologies, and provides a broad picture of the shift from the 'age of tools' to the 'age of systems'. Chronological arrangement and cross-referencing of the articles enable both a thematic and historically contextual understanding of the topic and highlight important thematic connections across time. With the ever increasing pace of technological change, this Reader presents a clear understanding of the context in which it has and does affect architecture.

This book looks at architecture history in reverse, in order to follow chains of precedents back through time to see how ideas alter the course of civilization in general and the discipline of architecture in particular. Part I begins with present-day attitudes about architecture and traces them back to seminal ideas from the beginning of the twentieth century. Part II examines how pre-twentieth-century societies designed and understood architecture, how they strove to create communal physical languages, and how their disagreements set the stage for our information age practices. *Architecture History and Theory in Reverse* includes 45 black-and-white images and will be useful to students of architecture and literature.

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"Here is a synthesis that makes sense of buildings from all ages: historical, vernacular, to cutting-edge architectural creations. This book of lectures and essays cuts through the often-incomprehensible fog of contemporary architectural discourse to reveal theoretical foundations for design. Much of the material was developed as part of a course introducing scientific thinking into architecture, and actually estimating factors that contribute to the success of a building"--Author's webpage.

The most influential architectural essays written since the Renaissance, copiously illustrated and neatly organized chronologically and by country. Discover the theories behind the structures in which we live, work, and play. From Alberti and Palladio to Le Corbusier and Koolhaas, this is the all-in-one, must-have book for anyone interested in...

A Primer on Theory in Architecture discusses how theory is defined in architecture, how it is identified, its location in larger perspectives or worldviews, its relationships to other areas in architecture, and how it can be constructed. The book explores the definition, elements and characteristics of theory along with subjects associated with theory and how these associations are recognized. In addition, case studies tackle both individual theorists and common approaches to the topic. Aimed at the new student of architectural theory, if you are just beginning to tackle this subject, begin with this book.

Take a theoretical approach to architecture with *The Autopoiesis of Architecture*, which presents the topic as a discipline with its own unique logic. Architecture's conception of itself is addressed as well as its development within wider contemporary society. Author Patrik Schumacher offers innovative treatment that enriches architectural theory with a coordinated arsenal of concepts facilitating both detailed analysis and insightful comparisons with other domains, such as art, science and politics. He explores how the various modes of communication comprising architecture depend upon each other, combine, and form a unique subsystem of society that co-evolves with other important autopoietic subsystems like art, science, politics and the economy. The first of two volumes that together present a comprehensive account of architecture's autopoiesis, this book elaborates the theory of architecture's autopoiesis in 8 parts, 50 sections and 200 chapters. Each of the 50 sections poses a thesis drawing a central message from the insights articulated within the respective section. The 200 chapters are gathering and sorting the accumulated intelligence of the discipline according to the new conceptual framework adopted, in order to catalyze and elaborate the new formulations and insights that are then encapsulated in the theses. However, while the theoretical work in the text of the chapters relies on the rigorous build up of a new theoretical language, the theses are written in ordinary language ? with the theoretical concepts placed in brackets. The full list of the 50 theses affords a convenient summary printed as appendix at the end of the book. The second volume completes the analysis of the discourse and further proposes a new agenda for contemporary architecture in response to the challenges and opportunities that confront architectural design within the context of current societal and technological developments.

This follow-up to Kate Nesbitt's best-selling anthology *Theorizing a New Agenda* collects twenty-eight essays that address architecture theory from the mid-1990s, where Nesbitt left off, through the present. Kristin Sykes offers an overview of the myriad approaches and attitudes adopted by architects and architectural theorists during this era. Multiple themes—including the impact of

digital technologies on processes of architectural design, production, materiality, and representation; the implications of globalization and networks of information; the growing emphasis on sustainable and green architecture; and the phenomenon of the 'starchitect' and iconic architecture—appear against a background colored by architectural theory, as it existed from the 1960s on, in a period of transition (if not crisis) that centers around the perceived abyss between theory and practice. Theory's transitional state persists today, rendering its immediate history particularly relevant to contemporary thought and practice. While other collections of recent theoretical writings exist none attempt to address the situation as a whole, providing in one place key theoretical texts of the past decade and a half. This book provides a foundation for ongoing discussions surrounding contemporary architectural thought and practice, with iconic essays by Greg Lynn, Deborah Berke, Sanford Kwinter, Samuel Mockbee, Stan Allen, Rem Koolhaas, William Mitchell, Anthony Vidler, Michael Hays, Reinhold Martin, Reiser + Umemoto, Glenn Murcutt, William McDonough, Michael Braungart, Michael Speaks, and many more.

This book explores new architectural and design perspectives on the contemporary urban condition. While architects and urban designers have long maintained that their actions, drawings, and buildings are “post-critical,” this book seeks to expand the critical dimension of architecture and urbanism. In a series of historical and theoretical studies, this book examines how the materialities, forms, and practices of architecture and urban design can act as a critique towards the new urban condition. It proposes not only new concepts and theories but also instruments of analysis and reflection to better understand the current counter-hegemonic tendencies in both disciplinary strategies and appropriation tactics. The diversely international selection of chapters, from Brazil, Portugal, Spain, Sweden, the United States, and the Netherlands, combine different theoretical and empirical perspectives into a new analysis of the city and architecture. Demonstrating the need for new critical urban and architectural thinking that engages with the challenges and processes of the contemporary urban condition, this volume will be a thought-provoking read for academics and students in architecture, urban design, geography, political science, and more.

Architectural Theory Volume II - An Anthology from 1871 to 2005 Wiley-Blackwell

Featuring more than 100 of the most significant and influential buildings of the twentieth century, this book includes both classic works by seminal architects such as Le Corbusier, Frank Lloyd and Alvar Aalto as well as the more recent works of Norman Foster, Frank Gehry, Rem Koolhaas and others.

In this ground-breaking study the traditional Indian science of architecture and house-building, Vastu Vidya, is explored in terms of its secular uses, at the levels of both theory and contemporary practice. Vastu Vidya is treated as constituting a coherent and complete architectural programme, still of great relevance today. Chakrabarti draws on an impressive amount of textual material, much of it only available in Sanskrit, and presents several extremely valuable illustrations in support of the theories expounded. Each chapter deals with one architectural aspect, and chapters are divided into three sections. For each aspect, the first section explains the prescriptions of the traditional texts; the second section deals with the rather arbitrary use of that aspect by contemporary Indian architects trained in the western manner but striving to relate to Indian roots; while the last section in each chapter explores the selected use of that particular aspect by contemporary Vastu pundits, with their disregard for architectural idiom

Architectural Theory: Vitruvius to 1870 is a landmark anthology that surveys the development of the field of architecture from its earliest days to the year 1870. The first truly comprehensive anthology that brings together the classic essays in the field, the volume chronicles the major developments and trends in architecture from Vitruvius to Gottfried Semper. Volume 1 of the first overview of architectural thought from antiquity to the present day; this volume covers 25 B.C. to 1870 Collects over 200 classic essays in the field, organized thematically for the student and scholar, covering Classicism, Neoclassicism, the Enlightenment, Romanticism, and the Gothic Includes German, French, and Italian essays appearing in English here for the first time Features a general introduction and headnotes to each essay written by a renowned expert on architectural theory.

It is a major challenge to write the history of post-WWII architectural theory without boiling it down to a few defining paradigms. An impressive anthologising effort during the 1990s charted architectural theory mostly via the various theoretical frameworks employed, such as critical theory, critical regionalism, deconstructivism, and pragmatism. Yet the intellectual contours of what constitutes architectural theory have been constantly in flux. It is therefore paramount to ask what kind of knowledge has become important in the recent history of architectural theory and how the resulting figure of knowledge sets the conditions for the actual arguments made. The contributions in this volume focus on institutional, geographical, rhetorical, and other conditioning factors. They thus screen the unspoken rules of engagement that postwar architectural theory ascribed to.

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.

"Offers an intense scholarly experience in its comprehensiveness, its variety of voices and its formal organization... the editors took a risk, experimented and have delivered a much-needed resource that upends the status-quo." - *Architectural Histories*, journal of the European Architectural History Network "Architectural theory interweaves interdisciplinary understandings with different practices, intentions and ways of knowing. This handbook provides a lucid and comprehensive introduction to this challenging and shifting terrain, and will be of great interest to students, academics and practitioners alike." - Professor Iain Borden, UCL Bartlett School of Architecture "In this collection, architectural theory expands outward to interact with adjacent discourses such as sustainability, conservation, spatial practices, virtual technologies, and more. We have in *The Handbook of Architectural Theory* an example of the extreme generosity of architectural theory. It is a volume that designers and scholars of many stripes will welcome." - K. Michael Hays, Eliot Noyes Professor of Architectural Theory, Harvard University *The SAGE Handbook of Architectural Theory* documents and builds upon the most innovative developments in architectural theory over the last two decades. Bringing into dialogue a range of geographically, institutionally and historically competing positions, it examines and explores parallel debates in related fields. The book is divided into eight sections: Power/Difference/Embodiment Aesthetics/Pleasure/Excess Nation/World/Spectacle History/Memory/Tradition Design/Production/Practice Science/Technology/Virtuality

Nature/Ecology/Sustainability City/Metropolis/Territory. Creating openings for future lines of inquiry and establishing the basis for new directions for education, research and practice, the book is organized around specific case studies to provide a critical, interpretive and speculative enquiry into the relevant debates in architectural theory.

As the first comprehensive encyclopedic survey of Western architectural theory from Vitruvius to the present, this book is an essential resource for architects, students, teachers, historians, and theorists. Using only original sources, Kruff has undertaken the monumental task of researching, organizing, and analyzing the significant statements put forth by architectural theorists over the last two thousand years. The result is a text that is authoritative and complete, easy to read without being reductive.

A range of current approaches to architecture are neglected in our contemporary writings on design philosophies. This book argues that the model of 'function' and the concept of a 'functional building' that we have inherited from the twentieth-century Modernists is limited in scope and detracts from a full understanding of the purposes served by the built environment. It simply does not cover the range of functions that buildings can afford nor is it tied in a conceptually clear manner to our contemporary concepts of architectural theory. Based on Abraham Maslow's theory of human motivations, and following on from Lang's widely-used text, *Creating Architectural Theory: The Role of the Behavioral Sciences in Environmental Design*, Lang and Moleski here propose a new model of functionalism that responds to numerous observations on the inadequacy of current ways of thinking about functionalism in architecture and urban design. Copiously illustrated, the book puts forward this model and then goes on to discuss in detail each function of buildings and urban environments.

Architectural Theory of Modernism presents an overview of the discourse on function-form concepts from the beginnings, in the eighteenth century, to its peak in High Modernism. Functionalist thinking and its postmodern criticism during the second half of the twentieth century is explored, as well as today's functionalism in the context of systems theory, sustainability, digital design, and the information society. The book covers, among others, the theories of Carlo Lodoli, Gottfried Semper, Eugène-Emmanuel Viollet-le-Duc, Louis Sullivan, Frank Lloyd Wright, Hannes Meyer, Adolf Behne, CIAM, Jane Jacobs, Robert Venturi and Denise Scott Brown, Charles Jencks, William Mitchell, and Manuel Castells.

More than a decade in the making, this is a textbook of architecture, useful for every architect: from first-year students, to those taking senior design studio, to graduate students writing a Ph.D. dissertation in architectural theory, to experienced practicing architects. It is very carefully written so that it can be read even by the beginning architecture student. The information contained here is a veritable gold mine of design techniques. This book teaches the reader how to design by adapting to human needs and sensibilities, yet independently of any particular style. Here is a unification of genuine architectural knowledge that brings a new clarity to the discipline. It explains much of what people instinctively know about architecture, and puts that knowledge for the first time in a concise, understandable form. Dr. Salingaros has experience in the organization of the built environment that few practicing architects have. The later chapters of this new book touch on very sensitive topics: what drives architects to produce the forms they build; and why architects use only a very restricted visual vocabulary. Is it personal inventiveness, or is it something more, which perhaps they are not even aware of? There has not been such a book treating the very essence of architecture. The only other author who is capable of raising a similar degree of passion (and controversy) is Christopher Alexander, who happens to be Dr. Salingaros' friend and architectural mentor. "Surely no voice is more thought-provoking than that of this intriguing, perhaps historically important, new thinker?" From the Preface by His Royal Highness, Charles, The Prince of Wales "A New Vitruvius for 21st-Century Architecture and Urbanism?" Dr. Ashraf Salama Chair, Department of Architecture and Urban Planning, Qatar

University, Doha, Qatar “Architecture, Salingaros argues, is governed by universal and intuitively understood principles, which have been exemplified by all successful styles and in all civilizations that have left a record of themselves in their buildings. The solution is not to return to the classical styles... the solution is to return to first principles and build within their constraints...” Dr. Roger Scruton Philosopher, London, UK “A fundamental text, among the most significant of the past several years.” Dr. Vilma Torselli Architect and Author, Milan, Italy “A Theory of Architecture demonstrates how mathematics and the social sciences offer keys to designing a humane architecture. In this brilliant tome Salingaros explains why many modern buildings are neither beautiful nor harmonious and, alternatively, how architects and patrons can employ scale, materials and mathematical logic to design structures which are exciting, nourishing, and visually delightful.” Duncan G. Stroik Professor of Architecture, University of Notre Dame, Indiana “Salingaros explores ways to clarify and formalize our understanding of aesthetic forms in the built environment, using mathematics, thermodynamics, Darwinism, complexity theory and cognitive sciences. Salingaros’ remarkable observations suggest that concepts of complexity and scale can someday provide a full-bodied explanation for both the practice and the appreciation of architecture.” Kim Sorvig Architecture & Planning, University of New Mexico See this book’s Wikipedia entry http://en.wikipedia.org/wiki/A_Theory_of_Architecture Nikos A. Salingaros is an internationally known urbanist and architectural theorist who has studied the scientific bases underlying architecture for thirty years. Utne Reader ranked him as “One of 50 visionaries who are changing your world”, and Planetizen as 11th among “The top 100 urban thinkers of all time”. He is Professor of Mathematics at the University of Texas at San Antonio.

Among architects and preservationists, the writings of Viollet-le-Duc (1814-1879) have long been considered major resources. They inspired a generation of American architects, including Frank Furness, John Wellborn Root, Louis Sullivan, and Frank Lloyd Wright. In 1894, the critic Montgomery Schuyler observed that Viollet-le-Duc's books "have had the strongest influence on this generation of readers." But for the past century, all but one of his works have been out of print in English. These readings carefully selected from the entire range of Viollet-le-Duc's work make available the historical insights and practical principles of one of the most imaginative, and inspiring architectural theorists of the modern era. M.F. Hearn has culled from Viollet-le-Duc's books on architecture the passages in which his major ideas about the theory of architecture are most cogently expressed. Hearn has arranged and interplated the readings in a sequence of topics covering Viollet-le-Duc's views on the architecture of the past, his convictions about the education of architects, his philosophy of method, principles of design, and his guidelines for restoration. The selections are introduced by a biographical essay connected by interpretive commentaries, and followed by a biographical note.

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.

In the age of post-digital architecture and digital materiality, *This Thing Called Theory* explores current practices of architectural theory, their critical and productive role. The book is organized in sections which explore theory as an open issue in architecture, as it relates to and borrows from other disciplines, thus opening up architecture itself and showing how architecture is inextricably connected to other social and theoretical practices. The sections move gradually from the specifics of architectural thought – its history, theory, and criticism – and their ongoing relation with philosophy, to the critical positions formulated through architecture's specific forms of expression, and onto more recent forms of architecture's engagement and self-definition. The book's thematic sessions are concluded by and interspersed with a series of shorter critical position texts, which, together, propose a new vision of the contemporary role of theory in architecture. What emerges, overall, is a critical and productive role for theory in architecture today: theory as a proposition, theory as task and as a 'risk' of architecture.

This landmark anthology surveys the major developments and trends in architecture from Vitruvius to Gottfried Semper. It is the first volume to make available in one place the major statements in English, German, French, and Italian that constructed architecture as a field. In charting the progress of architecture from its earliest days until the second half of the nineteenth century, Mallgrave brings together over 200 classic essays in the field. These cover Classicism, the Gothic period, Neoclassicism, the Enlightenment, Romanticism, and major themes including industry, ornament, style, and tectonics. *Architectural Theory: An Anthology from Vitruvius to 1870* – along with the forthcoming second volume, covering 1870 to 2000 – is an indispensable reference for any student or scholar of architecture. Organized thematically, it features general and section introductions and headnotes to each essay written by a renowned expert on architectural theory.

This is the second part of a major theoretical work by Patrik Schumacher, which outlines how the discipline of architecture should be understood as its own distinct system of communication. Autopoiesis comes from the Greek and means literally self-production; it was first adopted in biology in the 1970s to describe the essential characteristics of life as a circular self-organizing system and has since been transposed into a theory of social systems. This new approach offers architecture an arsenal of general comparative concepts. It allows architecture to be understood as a distinct discipline, which can be analyzed in elaborate detail while at the same time offering insightful comparisons with other subject areas, such as art, science and political discourse. On the basis of such comparisons the book insists on the necessity of disciplinary autonomy and argues for a sharp demarcation of design from both art and engineering. Schumacher accordingly argues controversially that design as a discipline has its own sui generis intelligence – with its own internal logic, reach and limitations.

Whereas the first volume provides the theoretical groundwork for Schumacher's ideas – focusing on architecture as an autopoietic system, with its own theory, history, medium and its unique societal function – the second volume addresses the specific, contemporary challenges and tasks that architecture faces. It formulates these tasks, looking specifically at how architecture is seeking to organize and articulate the

complexity of post-fordist network society. The volume explicitly addresses how current architecture can upgrade its design methodology in the face of an increasingly demanding task environment, characterized by both complexity and novelty. Architecture's specific role within contemporary society is explained and its relationship to politics is clarified. Finally, the new, global style of Parametricism is introduced and theoretically grounded.

Brought together for the first time - the seminal writing on architecture by key philosophers and cultural theorist of the twentieth century. Issues around the built environment are increasingly central to the study of the social sciences and humanities. The essays offer a refreshing take on the question of architecture and provocatively rethink many of the accepted tenets of architecture theory from a broader cultural perspective. The book represents a careful selection of the very best theoretical writings on the ideas which have shaped our cities and our experiences of architecture. As such, Rethinking Architecture provides invaluable core source material for students on a range of courses. This book presents a new take on the evolution of digital design theories in architecture from modernity to today, as they have been inspired both by contemporary philosophy and the emergence and access to advanced computation. It focuses on how concepts of difference in philosophy transformed architectural design theory and takes on even more significance with the introduction and ubiquitous use of computers within the discipline, changing the architectural design paradigm forever. Beginning with a presentation of American Pragmatism's push towards process, the book continues on to Husserl's influence on the modern movement, mid-century phenomenology, post-structuralist Derridean exchanges with architects, the Deleuzian influence on the smoothing of form and finally contemporary architectural references to speculative realism. Analyzing the arc of design theory as influenced by philosophical and computational logics, this book presents the transformation to contemporary design approaches that includes more biology, more data and more information, moving from "less is more" to "From Less to More!" Philosophical Difference and Advanced Computation in Architectural Theory is an influential read for students and academics of architectural theory, computational design and related areas.

This book presents for the first time in English an overview of the theoretical debates on architecture in nineteenth-century Austria and Germany. Drawing on a vast number of writings by architects, historians, philosophers and critics, Mitchell Schwarzer offers an exhaustive history of the principal debates on style, industry, nationalism, iron technology, and artistic expression, all of which inform modern architecture. He argues that the history of architecture in the modern era cannot be explained according to the simple evolution or progression of structural, functional, or artistic forces. Rather, he establishes modernity as a series of debates on the parameters of architectural knowledge itself and the identity of the architectural profession in a rapidly industrialising world. Describing theory through its conflicts and unresolved questions, Schwarzer uncovers the complex nature of modern pluralism, one that is still relevant in the late twentieth century.

Building Ideas An Introduction to Architectural Theory This book is an essential text for students of architecture and related disciplines, satisfying the demand for an accessible introduction to the major theoretical debates in contemporary architecture. Written in a lucid and user-friendly style, the book also acts as a guide and companion volume to the many primary theoretical texts recently made available in reprinted collections. Whilst architectural monographs, collections of building precedents and polemical manifestoes are growing more and more numerous, Building Ideas is the first book to provide an introduction to such a broad range of issues in architectural theory. This text therefore serves to fill a widening gap between the everyday practice of architecture and the often bewildering field of academic theoretical debate. Beginning with a general introduction to the field of architectural theory, covering the interface between philosophy and technology in the

production and interpretation of buildings, the book presents the major theoretical positions in contemporary architecture through a series of thematically structured chapters. Each chapter deals with a specific approach to the theory and criticism of architecture by presenting a series of related buildings as illustrations of a key theoretical position, as well as setting this position in a cultural and historical context. Under the five broad headings of 'Architecture as Engineering - The Technological Revolution', 'Architecture as Art - Aesthetics in Philosophy', 'The Return of the Body - Phenomenology in Architecture', 'Systems of Communication - Structuralism and Semiotics' and 'Politics and Architecture - The Marxist Tradition', the book presents a wide but critical survey of the central questions in the current theoretical debate. Providing the theoretical tools necessary for an understanding of the history of philosophies and technologies in architecture, this book is essential reading for undergraduate architectural theory courses as well as a first point of reference for anyone wishing to understand the complex connections between architecture and related fields of cultural enquiry.

Has architectural theory become a historical phenomenon to be anthologized and studied as another passing phase in the history of the discipline? Do the current commonplace watchwords of "practice" and "research" mark the end of theory's place in architectural discourse? This edited volume posits the contrary--that theory remains urgent and even unavoidable, so ingrained in architectural practice and pedagogy that it remains a vital if sometimes latent influence. Architectural theory is not confined to its supposed heyday in the decades leading up to the year 2000; it has persisted and expanded as the stakes of theoretical discussions have transformed. 2000+: The Urgencies of Architectural Theory collects new essays from a range of the most compelling architectural historians and theorists of the moment, including Lucia Allais, Beatriz Colomina, Mark Cousins, Arindam Dutta, John Harwood, Catherine Ingraham, Mark Jarzombek, Mari Lending, Spyros Papapetros, Felicity Scott, Pelin Tan, Bernard Tschumi, Eyal Weizman, Mark Wigley, and Mabel Wilson. Brought together for a conference marking the end of Wigley's tenure as dean of Columbia University's Graduate School of Architecture, Planning and Preservation, these thinkers chart new directions and points of critical importance for theory in architecture.

This book charts the fascinating history of architectural theory from the Renaissance to the present day. Addressing its subject country by country and featuring over 850 illustrations, it offers a chronological overview of the most important architects and architectural theoreticians from Alberti to Koolhaas. Book jacket.

The pressing economic, environmental and social crises emanate the need for a redefinition of the dominant views, perspectives and values in the field of architecture. The intellectual production of the last two decades has witnessed an impressive number of new design techniques and conceptual displacements reflecting the dynamic and fluid relation between man and his dwelling space. However, the contemporary market forces are favouring the growth of a star-system in architectural production based on technological innovation, spectacular imagery and formal acrobatics, and are neglecting the social, environmental and moral implications of spatial design. Perhaps the time has come to think anew the possible critical intersections between space and ethos, not only as an answer to the negative consequences of Modernity, but also as a remedy to the negative aspects of globalisation. The aim of the present collective volume is to enliven the ethical dimensions and dilemmas of architecture as they are shaped within the complexity of our times on two levels: the level of critical and reflective discourse and the level of social and cultural reality occasioned by post-industrial modes of production and new technologies. Thirteen distinguished academics and researchers investigate the complex relations between architecture, space and ethics from divergent and inter-disciplinary perspectives: philosophy, sociology, the humanities, the arts, landscape design, environmental design, urban design and architectural history and theory.

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