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ASHTYN LORELAI

Cybernetic Architectures
Routledge
Thinking through object-oriented ontology—and the work of architects such as Rem Koolhaas and Zaha Hadid—to explore new concepts of the relationship between form and function
Object-oriented

ontology has become increasingly popular among architectural theorists and practitioners in recent years. *Architecture and Objects*, the first book on architecture by the founder of object-oriented ontology (OOO), deepens the exchange between architecture and philosophy, providing a new roadmap to OOO's influence on the language and practice

of contemporary architecture and offering new conceptions of the relationship between form and function. Graham Harman opens with a critique of Heidegger, Derrida, and Deleuze, the three philosophers whose ideas have left the deepest imprint on the field, highlighting the limits of their thinking for architecture. Instead, Harman contends, architecture can employ OOO to reconsider traditional notions of form and function that emphasize their relational characteristics—form with a building’s visual style, function with its stated purpose—and constrain architecture’s possibilities through literalism. Harman

challenges these understandings by proposing de-relationalized versions of both (zero-form and zero-function) that together provide a convincing rejoinder to Immanuel Kant’s dismissal of architecture as “impure.” Through critical engagement with the writings of Peter Eisenman and fresh assessments of buildings by Rem Koolhaas, Frank Gehry, and Zaha Hadid, *Architecture and Objects* forwards a bold vision of architecture. Overcoming the difficult task of “zeroing” function, Harman concludes, would place architecture at the forefront of a necessary revitalization of exhausted aesthetic

paradigms.

On Architecture Crown House Publishing

The role of phenomenology in architectural theory and practice, the relation of architecture to other arts, and the role of architecture in urban and suburban design are examined within the context of modern architecture.

Systems Thinking Park Publishing (WI)

The Multi-Skilled Designer presents and analyzes different approaches to contemporary architectural design and interprets them through the theory of multiple intelligences. The book establishes a systematic framework that uses the lens of cognitive psychology and developments in psychometric and brain research to analyze the

unique cognitive thought processes of architectural designers and compiles design projects that could serve as a pedagogical companion for the reader. The book is aimed at design practitioners and students interested in examining their own thinking styles as well as those involved in design cognition research.

Thinking Architecture Niggli

Do you know how to think like an architect? Do you know why you should? How do you make sure that you have the critical thinking tools necessary to prosper in your academic and professional career? This book gives you the answers. Architects have a valuable and critical set of multiple

thinking types that they develop throughout the design process. In this book, Randy Deutsch shows readers how to access those thinking types and use them outside pure design thinking – showing how they can both solve problems but also identify the problems that need solving. To think the way the best architects do. With a clear, driving narrative, peppered with anecdote, stories and real-life scenarios, this book will future-proof the architectural student. Change is coming in the architecture profession, and this is a much-needed exploration of the critical thinking skills that architects have in abundance, but that are not taught well

enough within architecture schools. These skills are crucial in being able to respond agilely to a future that nobody is quite sure of. [Dancing About Architecture](#) "O'Reilly Media, Inc." 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.

Interpretation in

Architecture Routledge

In our current global networked culture that puts so much emphasis on the virtual and the visual, the mind and the body have become detached and ultimately disconnected. Though physical appearance is idolised for its sexual appeal and its social identity, the role of the body in developing a full understanding of the physical world and the human condition has become neglected.

The potential of the human body as a knowing entity – with all our senses as well as our entire bodily functions being structured to produce and maintain silent knowledge together – fails to be recognised. It is only through the unity of mind and body that craftsmanship and artistic work can be fully realised. Even those endeavours that are generally regarded as solely intellectual, such as writing and thinking, depend on this union of mental and manual skills. In *The Thinking Hand*, Juhani Pallasmaa reveals the miraculous potential of the human hand. He shows how the pencil in the hand of the artist or architect becomes the bridge between the imagining mind and

the emerging image. The book surveys the multiple essences of the hand, its biological evolution and its role in the shaping of culture, highlighting how the hand-tool union and eye-hand-mind fusion are essential for dexterity and how ultimately the body and the senses play a crucial role in memory and creative work. Pallasmaa here continues the exploration begun in his classic work *The Eyes of the Skin* by further investigating the interplay of emotion and imagination, intelligence and making, theory and life, once again redefining the task of art and architecture through well-grounded human truths. Thinking Architecture

Taylor & Francis US
This companion investigates the ways in which designers, architects, and planners address ecology through the built environment by integrating ecological ideas and ecological thinking into discussions of urbanism, society, culture, and design. Exploring the innovation of materials, habitats, landscapes, and infrastructures, it furthers novel ecotopian ideas and ways of living, including human-made settings on water, in outer space, and in extreme environments and climatic conditions. Chapters of this extensive collection on ecotopian design are grouped under five different ecological

perspectives: design manifestos and ecological theories, anthropocentric transformative design concepts, design connectivity, climatic design, and social design. Contributors provide plausible, sustainable design ideas that promote resiliency, health, and well-being for all living things, while taking our changing lifestyles into consideration. This volume encourages creative thinking in the face of ongoing environmental damage, with a view to making design decisions in the interest of the planet and its inhabitants. With contributions from over 79 expert practitioners, educators, scientists, researchers, and theoreticians, as well

as planners, architects, and engineers from the U.S., Canada, Europe, and Asia, this book engages theory, history, technology, engineering, and science, as well as the human aspects of ecotopian design thinking and its implications for the outlook of the planet.

Visual Thinking for Architects and Designers Chronicle Books

As the digital economy changes the rules of the game for enterprises, the role of software and IT architects is also transforming. Rather than focus on technical decisions alone, architects and senior technologists need to combine organizational and technical knowledge to effect change in their

company's structure and processes. To accomplish that, they need to connect the IT engine room to the penthouse, where the business strategy is defined. In this guide, author Gregor Hohpe shares real-world advice and hard-learned lessons from actual IT transformations. His anecdotes help architects, senior developers, and other IT professionals prepare for a more complex but rewarding role in the enterprise. This book is ideal for: Software architects and senior developers looking to shape the company's technology direction or assist in an organizational transformation Enterprise architects and senior technologists searching

for practical advice on how to navigate technical and organizational topics CTOs and senior technical architects who are devising an IT strategy that impacts the way the organization works IT managers who want to learn what's worked and what hasn't in large-scale transformation

3D Thinking in Design and Architecture "O'Reilly Media, Inc."

For the past 50 years, the advancements of technology have equipped architects with unique tools that have enabled the development of new computer-mediated design methods, fabrication techniques, and architectural expressions. Simultaneously, in

contemporary architecture new frameworks emerged that have radically redefined the traditional conceptions of design, of the built environment, and of the role of architects. Cybernetic Architectures argues that such frameworks have been constructed in direct reference to cybernetic thinking, a thought model that emerged concurrently with the origins of informatics and that embodies the main assumptions, values, and ideals underlying the development of computer science. The book explains how the evolution of the computational perspective in architecture has been parallel to the construction of design issues in reference to

the central ideas fostered by the cybernetic model. It unpacks and explains this crucial relationship, in the work of digital architects, between the use of information technology in design and the conception of architectural problems around an informational ontology. This book will appeal to architecture students and scholars interested in understanding the recent transformations in the architectural landscape related to the advent of computer-based design paradigms.

Think Like An Architect
Wiley

Architectural practice today goes far beyond the design and construction of buildings - the most exciting, forward-

thinking architecture is also found in digital landscapes, art, apps, films, installations, and virtual reality. This remarkable book features projects - surprising, beautiful, outrageous, and sometimes even frightening - that break rules and shatter boundaries. In this timely book, the work of award-winning architects, designers, artists, photographers, writers, filmmakers, and researchers - all of whom synthesize and reflect our spatial environments - comes together for the first time.

Making Routledge

The software development ecosystem is constantly changing, providing a constant stream of new tools, frameworks,

techniques, and paradigms. Over the past few years, incremental developments in core engineering practices for software development have created the foundations for rethinking how architecture changes over time, along with ways to protect important architectural characteristics as it evolves. This practical guide ties those parts together with a new way to think about architecture and time. *Rethinking Architecture* Van Nostrand Reinhold Company

The Pritzker-winning architect offers insight into what motivates his design process, explaining how he creates environments that appeal to a visitor's heart and

mind in different ways while instilling a sense of presence, in a third edition that has two additional essays including "Architecture and Landscape" and "The Leis Houses." *The Multi-Skilled Designer* Routledge

What is landscape architecture? Is it gardening, or science, or art? In this book, Bruce Sharky provides a complete overview of the discipline to provide those that are new to the subject with the foundations for future study and practice. The many varieties of landscape practice are discussed with an emphasis on the significant contributions that landscape architects have made across the world in daily practice. Written by a leading scholar and

practitioner, this book outlines the subject and explores how, from a basis in garden design, it 'leapt over the garden wall' to encapsulate areas such as urban and park design, community and regional planning, habitat restoration, green infrastructure and sustainable design, and site engineering and implementation. Coverage includes: The effects that natural and human factors have upon design, and how the discipline is uniquely placed to address these challenges Examples of contemporary landscape architecture work - from storm water management and walkable cities to well-known projects like the New York High Line and the London Olympic Park

Exploration of how art and design, science, horticulture, and construction come together in one subject Thinking about Landscape Architecture is perfect for those wanting to better understand this fascinating subject, and those starting out as landscape architecture students.

The Thinking Hand

Scheidegger and Spiess

Dancing about Architecture: A Little Book of Creativity is a compendium of outrageous ideas: ideas about how to take more risks, and about how to go about coming up with better ideas. Ideas about how to plan experiences that leave people who are in the same room as those ideas awestruck, and ideas

to help you avoid the textbook, the worksheet the barely stifled yawn. From using The Book of Revelation as a planning device; to seeing every experience through the prism of physical activity or song; to measuring a poem to find its real heart; it outlines a methodology that, if you use it, will make you an even greater creative force than you already are.

Thinking Architecturally

Routledge

In order to design a building with a sensuous connection to life, one must think in a way that goes far beyond form and construction. In these essays Peter Zumthor expresses his motivation in designing&buildings,

which speak to our emotions&and understanding in so many ways, and possess a powerful and unmistakable presence and personality. This book, whose first edition has been out of print for years, has been expanded to include three new essays: "Does Beauty Have a Form?,?? "The Magic of the Real,?? and "Light in the Landscape.??? It has&been freshly illustrated throughout with new color photographs of Zumthor??'s new home and studio in Haldenstein, taken specially for this edition by Laura Padgett, &and received a new typography by Hannele Gr??nlund.&

Architecture & Human Rights
Routledge

Awarded for its unique ink illustrations, this newly revised edition of *Architecture is Elementary* is a self-instruction book that concisely and coherently discusses the principles of architectural design. Stimulating lessons challenge the lay person and trigger creative responses. New features include a fresh design and layout, 50 new illustrations of recent and planned buildings, and new lessons that update the book for the world of twenty-first-century architecture. Author Nathan Winters explains the rationale for developers choosing to build higher and taller with modern high-rises, and explores the engineering challenges

for such giant structures. He also addresses the dangers of such adventurous design in this century, including becoming tempting targets for terrorists. *Architecture is Elementary* also explores issues surrounding modern landscape architecture, as Winters looks at the impact of green design and cities that seek to reclaim useless spaces (such as inactive railroad lines), converting them into parks for urban use. He also explores the financial and economic benefits of beautified landscape. The new layout, new lesson materials, and current examples of future thinking in the world of architecture make this a must-have for every serious teacher, student, and

practitioner of architecture.

A Feeling of History

Routledge

Peter Zumthor is possibly the most innovative European architect working today. His projects inspire enthusiasm with their exactitude, their poetry, and their radically independent aesthetics and vocabulary of form.

Thinking about Landscape

Architecture Taylor & Francis

Through a critical study of issues such as order, form, space, style, place-making, aesthetics, and architectural theory, students are encouraged to think about their own creative ideas. The use of analytical reasoning, lateral thinking, drawing and modelling

is emphasised.

Peter Zumthor,

Works National Geographic Books
A new interdisciplinary perspective on architecture and geometry—from Athenian Ruins to the Chrysler building The geometric foundations, forms, and patterns in today’s architecture, design and, decorative arts can trace their origins in past cultures. From humankind’s first path-like doodles on cave walls through to the higher abstractions developed to make accurate measurements and predictions, the three-dimensional forms we design and build have always been dependent on available materials, human needs, and the limits of our imaginations. 3D Thinking in Design and

Architecture tells the story of the intimate relationship between geometry, mathematics and man-made design throughout human history, from the Neolithic period through the Indian, Egyptian, Babylonian, Chinese, Greek, Celtic, Islamic and Renaissance cultures, to the present and the possible future. Presenting key principles that can be applied across all design disciplines, design expert Roger Burrows relates how geometry as a visual language has evolved to meet our needs, initiated new technologies, and changed the way we think about the world around us. With a wealth of original artwork by the author

to explain his ideas, this book will be an essential reference and source of inspiration for students and design professionals.

Thinking Birkhauser

This book features projects, developed during the artist Allan Wexler's forty-five-year career, which mediate the gap between fine and applied art using the mediums of architecture, sculpture, photography, painting, and drawing. Wexler's production can be broadly described as tactile poetry composed by re-framing the ordinary with the intention of sustaining a narrative about landscape, nature, and the built

environment that highlights the intriguing and surprising characteristics latent in the elements and rituals that pervade daily life. His work demonstrates a commitment to re-evaluating basic assumptions about our relationship to the built and natural environments.

Organized thematically across four categories--abstraction, landscape, private space, and public places--this publication is a richly illustrated cross section of Wexler's multi-scale, multi-media work, featuring his own writings, narratives, and reflections.