The Dynamics Of Architectural Form

Expertise and Architecture in the Modern Islamic World
Following up on the best-selling Hot to Cold, Bjarke Ingels Group breaks down their work across time in this ambitious multidisciplinary undertaking. This book is the companion to BIG's far-reaching exhibition and features conversations with the likes of Elon Musk and Ray Kurzweil. We explore the evolution of intelligence, communication, migration, and how architecture and design can literally give form to the future.

The Anatomy of the Architectural Book
Here, in one volume, is all the architect needs to know to participate in the entire process of designing structures. Emphasizing bestselling author Edward Allen's graphical approach, the book enables you to quickly determine the desired form of a building or other structure and easily design it without the need for complex mathematics. This unique text teaches the whole process of structural design for architects, including selection of suitable materials, finding a suitable configuration, finding forces and size members, designing appropriate connections, and proposing a feasible method of erection. Chapters are centered on the design of a whole structure, from conception through construction planning.

The Routledge Companion to Paradigms of Performativity in Design and Architecture
CD-ROM contains animations which provide further illustration of the projects in the book.

Performatism
DIV Learning a new discipline is similar to learning a new language; in order to master the foundation of architecture, you must first master the basic building blocks of its language—the definitions, function, and usage. Language of Architecture provides students and professional architects with the basic elements of architectural design, divided into twenty-six easy-to-comprehend chapters. This visual reference includes an introductory, historical view of the elements, as well as
an overview of how these elements can and have been used across multiple design disciplines.

Whether you're new to the field or have been an architect for years, you'll want to flip through the pages of this book throughout your career and use it as the go-to reference for inspiration, ideas, and reminders of how a strong knowledge of the basics allows for meaningful, memorable, and beautiful fashions that extend beyond trends.

This comprehensive learning tool is the one book you'll want as a staple in your library.

Data, Matter, Design

The transformations of the Strip—from the fake Wild West to neon signs twenty stories high to starchitecture—and how they mirror America itself. The Las Vegas Strip has impersonated the Wild West, with saloon doors and wagon wheels; it has decked itself out in midcentury modern sleekness. It has illuminated itself with twenty-story-high neon signs, then junked them. After that came Disney-like theme parks featuring castles and pirates, followed by replicas of Venetian canals, New York skyscrapers, and the Eiffel Tower. (It might be noted that forty-two million people visited Las Vegas in 2015—ten million more than visited the real Paris.)

More recently, the Strip decided to get classy, with casinos designed by famous architects and zillion-dollar collections of art. Las Vegas became the implosion capital of the world; as developers, driven by competition, got rid of the old to make way for the new, offering a non-metaphorical definition of creative destruction.

In The Strip, Stefan Al examines the many transformations of the Las Vegas Strip, arguing that they mirror transformations in America itself. The Strip is not, as popularly supposed, a display of architectural freaks but representative of architectural trends and a record of social, cultural, and economic change. Al tells two parallel stories. He describes the feverish competition of Las Vegas developers to build the snazziest, most tourist-grabbing casinos and resorts—with a cast of characters including the mobster Bugsy Siegel, the eccentric billionaire Howard Hughes, and the would-be political kingmaker Sheldon Adelson. And he views the Strip in a larger social context, showing that it has not only reflected trends but also magnified them and sometimes even initiated them. Generously illustrated with stunning color images throughout, The Strip traces the many metamorphoses of a city that offers a vivid projection of the American dream.

The Recovery of Natural Environments in Architecture

The Icon Project argues that the transnational capitalist class mobilizes two forms of iconic architecture—unique icons recognized as works of art, notably designed by global starchitects (such as Frank Gehry and Zaha Hadid); and typical icons copying elements of unique icons—to promote the same ideological message: the culture-ideology of consumerism.

A Theory of Architecture

This book examines experimental design methodologies in the field of architecture and their implementation in academic settings. Theoretical considerations by guest essayists and numerous examples of conceptual designs complement the holistic approach to the subject matter. The studies collected here emerged during a weekly workshop with architecture students at the Technical University of Darmstadt.

Building Evolutionary Architectures

This is the first comparative study of Roman architecture on the Iberian peninsula, covering six centuries from the arrival of the Romans in the third century B.C. until the decline of urban life on the peninsula in the third century A.D. During this period, the peninsula became an influential cultural and political region in the Roman world. Iberia supplied writers, politicians, and emperors, a fact acknowledged by Romanists for centuries, though study of the peninsula itself has too often...
been brushed aside as insignificant and uninteresting. In this book William E. Mierse challenges such a view. By examining in depth the changing forms of temples and their placement within the urban fabric, Mierse shows that architecture on the peninsula displays great variation and unexpected connections. It was never a slavish imitation of an imported model but always a novel experiment. Sometimes the architectural forms are both new and unexpected; in some cases specific prototypes can be seen, but the Iberian form has been significantly altered to suit local needs. What at first may seem a repetition of forms upon closer investigation turns out to be theme and variation. Mierse brings to his quest an impressive learning, including knowledge of several modern and ancient languages and the archaeology of the Roman East, which allows him a unique perspective on the interaction between events and architecture.

Roman Architecture in Provence

This book provides a survey of the architecture and urbanism of Provence during the Roman era. Provence, or "Gallia Narbonensis" as the Romans called it, was one of the earliest Roman colonies in Western Europe. In this book, James C. Anderson, jr. examines the layout and planning of towns in the region, both those founded by the Romans and those redeveloped from native settlements. He provides an in-depth study of the chronology, dating, and remains of every type of Roman building for which there is evidence in Provence. The stamp of Roman civilization is apparent today in such cities as Orange, Nimes, and Arles, where spectacular remains of bridges, theaters, fora, and temples attest to the sophisticated civilization that existed in this area during the imperial period and late antiquity. This book focuses on the remains of buildings that can still be seen, exploring decorative elements and their influence from Rome and local traditions, as well as their functions within the urban environment.

Film as Art

This book makes visible the axes along which architectural knowledge circulates through books into buildings and back.

The Making of Things

The tension between two systems for understanding and picturing space, the concentric and the Cartesian, is regarded by the author as the key to composition in painting, sculpture and architecture

BIG. Formgiving

Expertise and Architecture in the Modern Islamic World explores how architectural traditions and practices were shared and exchanged across national borders throughout the world, departing from a narrative that casts European actors as the importers and exporters of Islamic designs and skills. Looking to cases that touch on empire building, modernization, statecraft, and diplomacy, this book examines how these processes have been contingent on a web of expertise informed by a rich and varied array of authors and contexts since the 1800s. The chapters in this volume, organized around the leitmotif of expertise, demonstrate the thematic importance and specific utility of in-depth and broad-ranging knowledge in shaping the understanding of architecture in the Islamic world from the nineteenth century to the present. Specific case studies include European gardeners in Ottoman courts, Polish architects in Kuwait, Israeli expertise in Iran, monument archiving in India, religious spaces in Swedish suburbs, and more. This is the latest title in Critical Studies in Architecture of the Middle East, a series devoted to the most recent scholarship concerning architecture, landscape, and urban design of the Middle East and of regions shaped by diasporic communities more globally.
Form Defining Strategies

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

MOVE

Architecture and Modern Literature explores the representation and interpretation of architectural space in modern literature from the early nineteenth century to the present, with the aim of showing how literary production and architectural construction are related as cultural forms in the historical context of modernity. In addressing this subject, it also examines the larger questions of the relation between literature and architecture and the extent to which these two arts define one another in the social and philosophical contexts of modernity. Architecture and Modern Literature will serve as a foundational introduction to the emerging interdisciplinary study of architecture and literature. David Spurr addresses a broad range of material, including literary, critical, and philosophical works in English, French, and German, and proposes a new historical and theoretical overview of this area, in which modern forms of "meaning" in architecture and literature are related to the discourses of being, dwelling, and homelessness.

Fundamental Concepts of Architecture

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?
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.

Deconstructivist Architecture

Systematic Architectural Design for Optimal Wind Energy Generation is a handy reference on the aerodynamic architectural forms in buildings for optimizing wind energy conversion processes. Chapters of the book cover the basics of wind energy generation and building design that make them more conducive for generating wind power, and in line with sustainable energy design goals. Key Features: - 7 chapters organized in a simple, reader-friendly layout - A learning approach to the subject that highlights key concepts in architectural science and wind energy physics - Introduces readers to the application of computational Fluid Dynamics (CFD) tools to visualize and simulate architectural forms under wind actions - An objective focus on architectural forms is presented, including the role of the form in optimizing wind energy conversion and the negative effects of wind on certain forms - Covers the building and positioning of different types of wind turbines - References for further reading Systematic Architectural Design for Optimal Wind Energy Generation is an essential reference for students of architecture at all levels, professional architects, as well as readers interested in green building design, renewable energy, and sustainability studies that pave the way towards proactive environment-friendly solutions.

The Architecture of Happiness

This book sets out the conditions under which the need for a new approach to the production of architecture in the twenty-first century is established, where our homes and cities are facing increasing pressures from environmental challenges that are compromising our lives and well being. Vibrant architecture embodies a new kind of architectural design practice that explores how lively materials, or 'vibrant matter', may be incorporated into our buildings to confer on them some of the properties of living things, such as movement, growth, sensitivity and self-repair. The theoretical and practical implications of how this may occur are explored through the application of a new group of materials. Characteristically, these substances possess some of the properties of living systems but may not have the full status of being truly alive. They include forms of chemical artificial life such as 'dynamic droplets' or synthetically produced soils. As complex systems, they are able to communicate directly with the natural world using a shared language of chemistry and so, negotiate their continued survival in a restless world. Vibrant architecture may create new opportunities for architectural design practice that venture beyond top-down form-finding programs, by enabling architects to co-design in partnership with human and nonhuman collectives, which result from the production of post natural landscapes. Ultimately, vibrant architecture may operate as an ecological platform for human development that augments the liveliness of our planet, rather than diminishes it.

Form and Forces

Aldo Rossi was a practicing architect and leader of the Italian architectural movement La Tendenza and one of the most influential theorists of the twentieth century. The Architecture of the City is his major work of architectural and urban theory. In part a protest against functionalism and the Modern Movement, in part an attempt to restore the craft of architecture to its position as the only valid object of architectural study, and in part an analysis of the rules and forms of the city's
construction, the book has become immensely popular among architects and design students.

Parables of Sun Light

More than half a century since its initial publication, this deceptively compact book remains among the most incisive analyses of the formal and perceptual dynamics of cinema. No one who cares about film can afford to remain ignorant of its insights and wisdom. As digital technology fundamentally alters motion pictures, the lessons of Film as Art commend themselves as excellent insurance against reinventing the wheel in the new media landscape and hailing it as progress.—Edward Dimendberg author of Film Noir and the Spaces of Modernity

After more than eight decades, Rudolph Arnheim's small book of film theory remains one of the essential works in defining film art, understanding film less as reproducing the world than as opening up new possibilities for formal play and unexpected imagery. Anyone serious about film, whether scholar, filmmaker or simply a lover of cinema, must take Arnheim seriously.—Tom Gunning, author of The Films of Fritz Lang and D.W. Griffith and the Origins of American Narrative Film

An aesthetic theory based on the formal limitations of the medium, Arnheim's Film as Art always provokes students in an age of few limits and less formality, and they argue and engage this classic text with unparalleled passion. Written in the wake of sound's transformation of the cinema, Arnheim's essays are not only central to understanding a major historical moment in theoretical debates about what constitutes the essence of film, but also are a must read for anyone seeking a lucid, detailed, and rigorous argument about how works of art emerge from expressive constraint as much as expressive freedom.—Vivian Sobchack, author of Carnal Thoughts

Temples and Towns in Roman Iberia

Due to its comprehensive tool-set and great potential for 3D modeling, more and more architectural design and interior design firms are adapting Autodesk Maya and integrating it into their practice. There has been no book aimed at architects and designers who wish to harness the opportunities presented by this software, until now. The book promotes parametric design. It integrates the theoretical research of computational design and Maya non-linear modeling techniques associated with simulation, animation, digital fabrication and form-finding within 2D & 3D design. Readers will learn: How to use Maya polygon and NURBS modeling tools to create non-linear procedural model. How to use Maya driver keys and relationship tools to generate parametrically negotiable solutions across various design professions. The design logic and generative processes, as well as the potential of parametric thinking as a resourceful tool for achieving diversity and complexity in form generation and fabrication. How to use Maya to prepare files for rapid prototyping and the integration of Maya into various fabrication techniques such as laser cutting, CNC milling, and 3D printing. How to create a digital simulation to simulate all aspects of surface properties and dynamic forces with Maya physics engine. How to use Maya skeleton system and animation tools to control complex architectural forms. How to create photo-realistic renderings with Maya lighting, material and texture mapping. Using several real projects as examples, the book will go through the entire rendering process step by step. How to combine Maya with various CAD/BIM tools to create an efficient design pipeline. How to use Maya MEL script to create customized tools and interface. The book includes case studies from Zaha Hadid Architects, Greg Lynn Form, Gage Clemenceau Architects, Tang & Yang Architects, as well as step by step exercises, demonstration projects and crucially a fantastic online resource which includes video tutorials, scripts, and Maya source files.

The Strip

Avant-garde theorist and architect Bernard Tschumi is equally well known for his writing and his practice. Architecture and Disjunction, which brings together Tschumi's essays from 1975 to 1990, is a lucid and provocative analysis of many of the key issues that have engaged architectural discourse over the past two decades—from deconstructive theory to recent concerns with the notions of event and program. The essays develop different themes in contemporary theory as
they relate to the actual making of architecture, attempting to realign the discipline with a new world culture characterized by both discontinuity and heterogeneity. Included are a number of seminal essays that incited broad attention when they first appeared in magazines and journals, as well as more recent and topical texts. Tschumi's discourse has always been considered radical and disturbing. He opposes modernist ideology and postmodern nostalgia since both impose restrictive criteria on what may be deemed "legitimate" cultural conditions. He argues for focusing on our immediate cultural situation, which is distinguished by a new postindustrial "unhomeliness" reflected in the ad hoc erection of buildings with multipurpose programs. The condition of New York and the chaos of Tokyo are thus perceived as legitimate urban forms.

Perspecta 53

This engaging study discusses ways in which architectural forms emulate some archetypal settings that humans have found appealing--and useful for survival--from ancient times to the present. 119 photos. 6 line figures.

Animate Form

The Making of Things is about effect and intention in the schematic architectural model, a deep dive into the nature of architectonic form as the underlying syntax for all architectural work. By focusing on primitive geometries alongside fundamental principles of architectural thinking and making, this book enhances the reader's capacity to intellectually and physically craft models that effectively communicate intention. With over 650 diagrams, this book acts as an expansive visual glossary that reveals the underlying structure of architectonics and acts as an encyclopedia of formal possibilities. Supporting essays in the book explore the nature of perception, abstraction, and metaphor to provide a theoretical basis of formal effects in architecture. This structure enables readers to make clear and direct connections between the things you construct and the reasons you construct them. This book is a bridge from the what to the why of form-making. It is a pedagogical notebook, a design primer that prompts discourse about the nature of objects. This is a must-have desk reference for beginning architecture and interior design students to stimulate their creative approaches and gain foundational knowledge of the underlying effects of formal typologies and how they manifest themselves in built forms around the world.

Parametric Building Design Using Autodesk Maya

Today, with the advent of digital media technologies and the ability to conceptualize, express and produce complex forms using digital means, the question of the status of the architectural form is once again under consideration. Indeed, the computer liberated architecture from the tyranny of the right angle and enabled the design and production of non-standard buildings, based on irregular geometry. Yet, the questions concerning the method of form expression in contemporary architecture, and its meaning, remain very much open. Performalism takes up this discussion, defines it and presents changes in form conception in architecture, followed by their repercussions. The book is supported by a wealth of case studies from some of the top firms across the globe and contributed to by some of the top names in this field. With a unique and insightful emphasis on professional practice this is essential reading for all architects, aspiring and practicing.

Vibrant Architecture

This book explores how Malaysia, as a multicultural modern nation, has approached issues of nationalism and regionalism in terms of physical expression of the built environment. Ever since the nation's post-Colonial era, architects and policy makers have grappled with the theoretical and practical outcomes of creating...
public architecture that effectively responds to traditions, nationhood and modernity. The authors compile and analyse prevailing ideas and strategies, present case studies in architectural language and form, and introduce the reader to tensions arising between a nationalist agenda and local regionalist architectural language. These dichotomies represent the very nature of multicultural societies and issues with identity; a challenge that various nations across the globe face in a changing environment. This topical and pertinent volume will appeal to students and scholars of urban planning, architecture and the modern city.

Systematic Architectural Design for Optimal Wind Energy Generation

The Recovery of Natural Environments in Architecture challenges the modern practice of sealing up and mechanically cooling public scaled buildings in whichever climate and environment they are located. This book unravels the extremely complex history of understanding and perception of air, bad air, miasmas, airborne pathogens, beneficial thermal conditions, ideal climates and climate determinism. It uncovers inventive and entirely viable attempts to design large buildings, hospitals, theatres and academic buildings through the 19th and early 20th centuries, which use the configuration of the building itself and a shrewd understanding of the natural physics of airflow and fluid dynamics to make good, comfortable interior spaces. In exhuming these ideas and reinforcing them with contemporary scientific insight, the book proposes a recovery of the lost art and science of making naturally conditioned buildings.

After Art

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.

Art and Visual Perception

Art as we know it is dramatically changing, but popular and critical responses lag behind. In this trenchant illustrated essay, David Joselit describes how art and architecture are being transformed in the age of Google. Under the dual pressures of digital technology, which allows images to be reformatted and disseminated effortlessly, and the exponential acceleration of cultural exchange enabled by globalization, artists and architects are emphasizing networks as never before. Some of the most interesting contemporary work in both fields is now based on visualizing patterns of dissemination after objects and structures are produced, and after they enter into, and even establish, diverse networks. Behaving like human search engines, artists and architects sort, capture, and reformat existing content. Works of art crystallize out of populations of images, and buildings emerge out of the dynamics of the circulation patterns they will house. Examining the work of architectural firms such as OMA, Reiser + Umemoto, and Foreign Office, as well as the art of Matthew Barney, Ai Weiwei, Sherrie Levine, and many others, After Art provides a compelling and original theory of art and architecture in the age of global networks.

The Icon Project

Data, Matter, Design presents a comprehensive overview of current design processes that rely on the input of data and use of computational design strategies, and their relationship to an array of outputs. Technological changes, through the use of computational tools and processes, have radically altered and influenced our relationship to cities and the methods by which we design architecture, urban, and landscape systems. This book presents a wide range of curated projects
and contributed texts by leading architects, urbanists, and designers that transform data as an abstraction, into spatial, experiential, and performativ
configurations within urban ecologies, emerging materials, robotic agents, adaptive fields, and virtual constructs. Richly illustrated with over 200 images, Data,
Matter, Design is an essential read for students, academics, and professionals to evaluate and discuss how data in design methodologies and theoretical
discourses have evolved in the last two decades and why processes of data collection, measurement, quantification, simulation, algorithmic control, and their
integration into methods of reading and producing spatial conditions, are becoming vital in academic and industry practices.

Modernity, Nation and Urban-Architectural Form

Dynamic components and adaptive elements are becoming increasingly important in contemporary architecture, and not just because of their visual effect. If
architects and engineers are engaging more and more with the issue of movement — whether in the form of sun-tracking solar cells, lowerable walls, or intelligently
programmed elevators — it's because they are busy exploring responses to three challenges: How can we control and reduce the energy requirement of buildings?
How can we expand the range of possible uses? And how can we represent, illustrate, accommodate, and control dynamic movements in buildings? Designers
and builders who seek to use kinetic components face technical and design challenges that aren't covered by traditional structural theory. For these users, this
book presents the technical tools and constructional solutions that will allow them to implement these movements concretely and deploy them functionally within
the domains of "Energy," "Change of Use," and "Interaction." First it lays out the fundamentals and design principles of kinetics in architecture, technology, art,
and nature in a structured manner. In a third section, forty movable elements are shown in action, each on a double page with specially prepared phase drawings
and organized by type of movement, including rotation, sliding, folding, and transformation. The international examples from noted architects range from window
mechanisms to solar protection and light redirection systems, movable walls and roofs, and movable civil engineering structures.

Architecture and Disjunction

The Dynamics of Architectural Form

Gestalt theory and the psychology of visual perception form the basis for an analysis of art and its basic elements

Architecture

Architecture is an experience — with the intellect and with all our senses, in motion, and in use. But in order to actually discuss and assess it with relevance, a
clarification of terms is essential in order to avoid the vagueness that often prevails when talking about architecture. This dictionary provides a vocabulary that
allows the architecture discourse to go beyond the declaration of constructive relationships or the description of architectonic forms in familiar terms like "roof," "
base," "wall," and "axis" or "proportion." The point is to describe the experience of architecture: how exactly does it contribute to the experience of a situation? For
instance, the staging of an entrance situation, or the layout and visitor routes through a museum. From "context," "through," "readability," "patina," "
structure," "symmetry," and "tectonics," to "width" (and "narrowness") or "window," the most important terms in architectural language are explained
precisely and in detail.
Architecture and Modern Literature

For many years Rudolf Arnheim, known as the leading psychologist of art, has been keeping notebooks in which to jot down observations, ideas, questions, and even (after a stay in Japan for a year) poems in the haiku pattern. Some of these notes found their way into his books—known and prized the world over—such as Art and Visual Perception, Visual Thinking, and The Power of the Center (see list below). Now he has selected, from the remaining riches of his notebooks, the items in this volume. The book will be a joy to ramble through for all lovers of Arnheim's work, and indeed for anyone who shares Arnheim's contagious interest in the order that lies behind art, nature, and human life. It is a seedbed of ideas and observations in his special fields of psychology and the arts. "I have avoided mere images and I have avoided mere thoughts," says Arnheim in the Introduction, "but whenever an episode observed or a striking sentence read yielded a piece of insight I had not met before, I wrote it down and preserved it." There are also glimpses of his personal life: his wife, his cats, his students, his neighbors and colleagues. He is always concrete, in the manner that has become his trademark, often witty, and sometimes a bit wicked. In the blend of life and thought caught in these jottings, psychology and the arts are of course prominent. But philosophy, religion, and the natural sciences add to the medley of topics always addressed in a way to sharpen the senses of the reader who, sharing Arnheim's cue from Dylan Thomas, may accompany him through "the parables of sunlight and the legends of the green chapels and the twice told fields of childhood." All of Rudolf Arnheim's books have been published by the University of California Press.

The Language of Architecture

Essays and projects examine the ethical questions and moral tensions that arise during the ideation, development, completion, and aftermath of the architectural design process. In architecture, ethics are malleable. In theory, the terms are rigid, yet the reality is elastic. While much of the built environment is ostensibly designed for an individual client's needs, architecture's effects reverberate politically, environmentally, and culturally, often in unexpected ways and far beyond the limits of any parcel or project. This volume of Perspecta—the oldest and most distinguished student-edited architectural journal in the United States—considers the ethical questions and moral tensions that arise during the ideation, development, completion, and aftermath of the design process. Architecture operates on a temporal scale largely disconnected from social shifts. Although often bound up in power networks and funded by those who are most powerful, architecture has implicit obligations to those most vulnerable. Architecture's language, by making abstract concepts concrete, can reinforce or disrupt political, environmental, and social structures. Contributors from a range of geographies and practices offer insights, provocations, and questions about the dilemmas that architects encounter at every stage of designing the built environment: Whose architectural ideas get to become reality? What ethical role does form-making play in design? What moral burden must architects shoulder in the sheer act of building, and what is the future cost of today's refusal? Through arguments, essays, and projects that examine the issue at a range of scales—from the intimacy of a single material to the reach of global typology—Perspecta 53 explores the complex dynamics of architectural onus, and how designers can navigate conflicting agendas to pose new possibilities.

The Power of the Center

Bestselling author Alain de Botton considers how our private homes and public edifices influence how we feel, and how we could build dwellings in which we would stand a better chance of happiness. In this witty, erudite look at how we shape, and are shaped by, our surroundings, Alain de Botton applies Stendhal's motto that "Beauty is the promise of happiness" to the spaces we inhabit daily. Why should we pay attention to what architecture has to say to us? de Botton asks
provocatively. With his trademark lucidity and humour, de Botton traces how human needs and desires have been served by styles of architecture, from stately Classical to minimalist Modern, arguing that the stylistic choices of a society can represent both its cherished ideals and the qualities it desperately lacks. On an individual level, de Botton has deep sympathy for our need to see our selves reflected in our surroundings; he demonstrates with great wisdom how buildings just like friends can serve as guardians of our identity. Worrying about the shape of our sofa or the colour of our walls might seem self-indulgent, but de Botton considers the hopes and fears we have for our homes at a new level of depth and insight. When shopping for furniture or remodelling the kitchen, we don't just consider functionality but also the major questions of aesthetics and the philosophy of art: What is beauty? Can beautiful surroundings make us good? Can beauty bring happiness? The buildings we find beautiful, de Botton concludes, are those that represent our ideas of a meaningful life. The Architecture of Happiness marks a return to what Alain does best—taking on a subject whose allure is at once tantalizing and a little forbidding and offering to readers a completely beguiling and original exploration of the subject. As he did with Proust, philosophy, and travel, now he does with architecture.

**Philosophy and Architecture**

A superb visual reference to the principles of architecture Now including interactive CD-ROM! For more than thirty years, the beautifully illustrated Architecture: Form, Space, and Order has been the classic introduction to the basic vocabulary of architectural design. The updated Third Edition features expanded sections on circulation, light, views, and site context, along with new considerations of environmental factors, building codes, and contemporary examples of form, space, and order. This classic visual reference helps both students and practicing architects understand the basic vocabulary of architectural design by examining how form and space are ordered in the built environment. Using his trademark meticulous drawing, Professor Ching shows the relationship between fundamental elements of architecture through the ages and across cultural boundaries. By looking at these seminal ideas, Architecture: Form, Space, and Order encourages the reader to look critically at the built environment and promotes a more evocative understanding of architecture. In addition to updates to content and many of the illustrations, this new edition includes a companion CD-ROM that brings the book's architectural concepts to life through three-dimensional models and animations created by Professor Ching.

Die Dynamik der architektonischen Form (The dynamics of architectural form. dt.) Gestützt auf d. 1975 an d. Cooper Union in New York gehaltenen "Mary Duke Biddle lectures"

**Origins of Architectural Pleasure**

The Routledge Companion to Paradigms of Performativity in Design and Architecture focuses on a non-linear, multilateral, ethical way of design thinking, positioning the design process as a journey. It expands on the multiple facets and paradigms of performative design thinking as an emerging trend in design methodology. This edited collection explores the meaning of performativity by examining its relevance in conjunction with three fundamental principles: firmness, commodity and delight. The scope and broader meaning of performativity, performative architecture and performance-based building design are discussed in terms of how they influence today's design thinking. With contributions from 45 expert practitioners, educators and researchers, this volume engages theory, history, technology and the human aspects of performative design thinking and its implications for the future of design.

Copyright code: cff0cbf4b2e2fd175b2066a0f1f7bd9