

## Sanaa Sejima Nishizawa 2004 2008 El Croquis 139

The success of any architectural project depends on the architect's ability to depict it. Conveying architectural ideas as drawings, pictures, or models is both a critical part of the process and one that can tell us much about the design itself in a particular time or place. Over the past two decades, major new trends in architectural representation have emerged in Japan, which have gained widespread attention in the western world. *Pictures of The Floating Microcosm* considers these trends and takes readers through their development to the present day. Olivier Meystre undertakes a critique of the design tools and mediation techniques that have been employed and reveals the very special ways of conceiving an architectural project, drawing on a wealth of new research and interviews with contemporary Japanese architects. His book is a fascinating testimony of an entire generation of architects' complex approach to a project, where all attributes of space are questioned and redefined while a strong undercurrent of tradition continues to have pivotal influence.

The management of design has emerged as central to the operational and strategic options of any successful organization. *The Handbook of Design Management* presents a state-of-the-art overview of the subject - its methodologies, current debates, history and future. The Handbook covers the breadth of principles, methods and practices that shape design management across the different design disciplines. These theories and practices extend from the operational to the strategic, from the product to the organization. Bringing together leading international scholars, the Handbook provides a guide to the latest research in the field. It also documents the shifts that have been taking place both in management and in design which have highlighted the value of design thinking and design education to organizations. Presenting the first systematic overview of the subject - and offering a wide range of examples, insights and analysis - the Handbook is an invaluable resource for researchers and students in design and management, as well as for design practitioners and professional managers.

Sanaa, Kazuyo Sejima + Ryue Nishizawa 2004-2008 : topología arquitectónica SANAA, Sejima & Nishizawa 2004-2008 : Topología Arquitectónica : Architectural Topology The Architecture of Art Museums A Decade of Design: 2000 - 2010 Routledge

*Blurred Transparencies in Contemporary Glass Architecture* brings to light complex readings of transparent glass through close observations of six pivotal works of architecture. Written from the perspectives of a practitioner, the six essays challenge assumptions about fragility and visual transparency of glass. A material imbued with idealism and utopic vision, glass has captured architects' imagination, and glass's fragility and difficulties in thermal control continue to present technical challenges. In recent decades, architecture has witnessed an emergence of technological advancements in chemical coating, structural engineering, and fabrication methods that resulted in new kinds of glass transparencies. Buildings examined in the book include a sanatorium with expansive windows delivering light and air to recovering tuberculosis patients, a pavilion with a crystal clear glass plenum circulating air for heating and cooling, a glass monument symbolizing the screen of personal devices that shortened the distance between machines and humans, and a glass building symbolizing the social and material intertwining in the glass ceiling metaphor. Connecting material glass to broader cultural and social contexts, *Blurred Transparencies in Contemporary Glass Architecture* enlightens students and practitioners of architecture as well as the general public with interest in design. The author demonstrates how glass is rarely crystal clear but is blurred both materially and metaphysically, revealing complex readings of ideas for which glass continues to stand.

Recent years have seen the construction of buildings made of plastic, structures that are as attractive as they are unusual. After initial experiments in the 1970s, plastic is currently experiencing a tremendous boom. Originally used for temporary structures like the BMW

Pavilion in Frankfurt, it is now employed in many permanent buildings as well, including the recent Catholic church in Radebeul by Staib/Behnisch. Prominent international avant-garde architects such as Shigeru Ban and Herzog & de Meuron frequently use transparent plastic for their structures. Transparent plastic seems ephemeral and thus captures the spirit of the times. Its various qualities between transparent and translucent make it possible to achieve fascinating effects with light and color. Projects presented include the Allianz Arena in Munich by Herzog & de Meuron, the Rocket Tower in Leicester by Grimshaw & Partners, the Paper Art Museum by Shigeru Ban in Shizuoka, Japan, and the public housing development Cité Manifeste in Mulhouse by Lacaton Vassal. Seit einigen Jahren entstehen ebenso attraktive wie ungewöhnliche Bauten aus Kunststoff. Nach ersten Versuchen in den 1970er Jahren erlebt der Baustoff derzeit einen ungeheuren Boom. Zunächst für temporäre Bauten wie dem BMW Pavillon in Frankfurt genutzt, entstehen mittlerweile auch zahlreiche bleibende Gebäude (wie kürzlich die Katholische Kirche von Staib/Behnisch in Radebeul). Bekannte Architekten der internationalen Avantgarde wie Shigeru Ban oder Herzog & de Meuron verwenden gerne transparenten Kunststoff für ihre Bauten. Das Material scheint ephemere, transitorisch (ohne es zu sein) und trifft damit den Nerv der heutigen Zeit. Seine unterschiedlichen Qualitäten zwischen transparent und transluzent erlauben faszinierende Licht- und Farbeffekte. Zu den dargestellten Projekten gehören die Allianz-Arena in München von Herzog & de Meuron, der Rocket-Tower in Leicester von Grimshaw & Partner, das Papiermuseum von Shigeru Ban in Shizuoka, Japan, und der soziale Wohnungsbau der Cité Manifeste in Mulhouse von Lacaton Vassal.

Featuring dozens of high-quality photographs, schematic designs and insightful commentary this Japanese architecture book is a must-have for architects or collectors. The past five years are widely considered to have been the most innovative period in contemporary Japanese design history. The projects featured in *New Japan Architecture* were completed during this extraordinarily fertile time. Featuring breathtaking images of modern Japan, this volume presents forty-eight extraordinary projects by forty-two of the world's leading architects, including: Hitoshi Abe Ward Kishi Tadao Ando Chiba Manabu Architects Toyo Ito Kengo Kuma Kazuyo Sejima This architecture book features a wide-range of buildings, some exhibiting the ultimate ideal of the white Zen cube, while others exemplify the search for the new wow factor in iconic design. In many, cutting-edge modernity is counterbalanced by a concern for sustainability—an issue that has motivated many architects to rethink and reintroduce concepts drawn from traditional Japanese architecture. Projects big and small, private and public, residential and commercial are included. Insightful text by two leading experts in the field of Japanese architecture highlights the remarkable aspects of each building and places these developments within the wider context of world architecture. Offering an essential overview of current trends, *New Japan Architecture* points the way to modern architecture's future.

Ein idealer Entwurf ist ortsspezifisch und ermöglicht nur so den Bau identitätsstiftender Architektur. Dies erfordert die Auseinandersetzung mit den baulichen und örtlichen Gegebenheiten. Das am Lehrstuhl von Dietmar Eberle entwickelte Methodenbuch bietet eine spielerische Möglichkeit, die komplexen Rahmenbedingungen systematisch zu erfassen und für den eigenen Entwurf zu nutzen. Die „Methode 9x9“ bezieht alle relevanten Faktoren und ihre wechselseitige Wirkung mit in die Betrachtung ein: Ort, Struktur, Hülle, Programm und Materialität, die in einer Matrix mit diversen Kreuzungen exakt 9 „Handlungsfelder“ für den Entwurf ergeben. Die einzelnen „Felder“ sind dabei nicht nur visuell mit aussagekräftigen und einprägsamen Abbildungen ausgestattet, sondern jeweils von führenden Spezialisten in anschaulichen

Texten beschrieben. Für das Buch wurde die „Methode 9x9“ komplett neu entwickelt und grafisch dargestellt. Autoren: Florian Aicher, Jia Beisi, Adam Caruso, Dietmar Eberle, Franziska Hauser, Vittorio Magnago Lampugnani, Michele Lanza, Arno Lederer, Silvain Malfroy, Adrian Meyer, Marcello Nasso, Fritz Neumeyer, András Pálffy, Miroslav Šik, Laurent Stalder, Eberhard Tröger. An ideal design is site-specific, which is the only way architecture can create or connect with a specific sense of identity. This requires addressing the structural and local circumstances. This method handbook offers a playful way in which to systematically ascertain a complex framework and use it for your own design. The "9 x 9 method" takes all relevant factors and their alternate interaction into consideration: location, structure, shell, program, and materiality, all which, in a matrix with various intersections, produce exactly 9 "fields of action" for the design. The individual "fields" are not only illustrated visually with meaningful and eidetic pictures, but are also discussed in texts by leading specialists. For this book, the "9 x 9 method" was completely re-worked and redesigned. Authors: Florian Aicher, Jia Beisi, Adam Caruso, Dietmar Eberle, Franziska Hauser, Vittorio Magnago Lampugnani, Michele Lanza, Arno Lederer, Silvain Malfroy, Adrian Meyer, Marcello Nasso, Fritz Neumeyer, András Pálffy, Miroslav Šik, Laurent Stalder, Eberhard Tröger.

"A fundamental change is currently taking place in society: for the first time, half the world's population lives in urban areas. In this context, London and Tokyo provide interesting case studies for investigating the problems raised by living in a continually growing city. By examining the work of Ryue Nishizawa in Tokyo and Stephen Taylor in London, we may observe that the notion of a progressive homogenization of living conditions in the world's great cities is only an apparent phenomenon. The profound cultural differences that exist between these centres - reflecting different interpretations of the idea of proximity, privacy, and the relationship between inhabitants - inevitably inform the development of their projects and, consequently, the ways in which a community lives together. Taylor and Nishizawa have developed new ideas for living born of their respective cultures. Their innovative residential designs challenge conventional norms and offer approaches that simultaneously shape the life of the resilient and the face of the city."--BOOK JACKET.

Ser o no ser consciente, esa es la cuestión. En arquitectura, cualquier acción que pretenda atrapar los sentidos es siempre seductora. Sin embargo, cuando esa acción atenta directamente contra las leyes naturales, pone en cuestión la base racional sobre la que hemos sido educados. Esas realidades de baja probabilidad han sido exploradas por los ilusionistas para construir ataques psicológicos con base en el conflicto. Por otro lado, en arquitectura, el in-genius loci podría ser definido el conjunto de características del lugar real que contribuyen a construir un lugar imposible mediante un ingenio. Ambas disciplinas (arquitectura e ilusionismo) comparten Fundamentos en común (Presentación, Unidad, (In)coherencia y Justificación) y una serie de

herramientas que construyen el efecto: naturalidad, timing, misdirection en ilusionismo y cadencia, ritmo y monotonía en arquitectura, entre otras. La intuición de arquitectos e ilusionistas en términos de espacio se traduce en relaciones de vecindad entre ambos cuando éstos operan bajo la premisa de "lo que no ves, no existe". En estas páginas se establece un diálogo entre estas dos Artes, ordenando las arquitecturas percibidas desde un conflicto lógico visual, óptico u cognitivo. Para ello, se recurre a la clasificación convergente de efectos o acontecimientos desde el punto de vista del espectador: Escamoteo, Aparición, Transposición, Roto y recompuesto, Materia a través de materia, Metamorfosis, Características Extraordinarias, Levitación y Pronóstico. La narración parte de un interés personal en ese tipo de situaciones, latentes desde la adolescencia al tiempo que establece un vínculo entre dos caminos que, por aquel entonces, parecían discurrir muy distantes. En una baraja de nueve cartas he querido retratar otros tantos lugares desde el ingenio, completamente diferentes en su lenguaje externo, pero contruidos sobre los mismos cimientos de esos ataques psicológicos. Y, sobre todo, intentando no vulnerar el secreto profesional de mis compañeros de viaje.

Als eine der ältesten Wissenschaften bietet die Geometrie Grundlagen für Anwendungen und Konzepte in nahezu allen Lebensbereichen und ist heute nach wie vor hochaktuell und unverzichtbar für das Vordringen in Gebiete modernster Erkenntnisse. Der Tagungsband der 10. Tagung der Deutschen Gesellschaft für Geometrie und Grafik, DGfGG, widmet sich dieser umfassenden Bedeutung der Disziplin. In 15 Vorträgen wird die Faszination komplexer Systeme, die sich aus einfachen Bausteinen und Grundregeln erzeugen lassen, beleuchtet. Dabei kommen Bedeutung und Einfluss der Geometrie als kulturgeschichtlich fundamentales Gedankengebäude in den unterschiedlichsten Wissens- und Anwendungsgebieten zum Ausdruck. Sowohl rein theoretische Fragestellungen als auch ganz aktuelle praktische Aufgaben lassen sich durch geschickte Anwendung fundamentaler Prinzipien zu innovativen neuen Lösungen führen. Eine große Bandbreite an Themen und Anwendungsgebieten der Geometrie wird angesprochen und durch anschauliche Beispiele erlebbar gemacht. Die Autoren kommen aus Praxis und Theorie verschiedener Disziplinen wie Architektur, Design, Kunst, Philosophie und Mathematik. Eine besondere Belebung erhalten die Beiträge durch die Dokumentation der Ausstellung von Objekten der Künstlerin Sabine Classen, die in ihren Skulpturen rationale Bewegungsformen auf ganz direkte Weise zur Anschauung und begreifbaren Erkenntnis bringt.

The Routledge Companion to Women in Architecture illuminates the names of pioneering women who over time continue to foster, shape, and build cultural, spiritual, and physical environments in diverse regions around the globe. It uncovers the remarkable evolution of women's leadership, professional perspectives, craftsmanship, and scholarship in architecture from the preindustrial age to the present. The book is organized chronologically in five

parts, outlining the stages of women's expanding engagement, leadership, and contributions to architecture through the centuries. It contains twenty-nine chapters written by thirty-three recognized scholars committed to probing broader topographies across time and place and presenting portraits of practicing architects, leaders, teachers, writers, critics, and other kinds of professionals in the built environment. The intertwined research sets out debates, questions, and projects around women in architecture, stimulates broader studies and discussions in emerging areas, and becomes a catalyst for academic programs and future publications on the subject. The novelty of this volume is in presenting not only a collection of case studies but in broadening the discipline by advancing an incisive overview of the topic as a whole. It is an invaluable resource for architectural historians, academics, students, and professionals.

"Provides students with the tools to produce coherent case studies -- the bedrock of every architectural education"--

As a building type, art museums are unparalleled for the opportunities they provide for architectural investigation and experimentation. They are frequently key components of urban revitalization and often push the limits of building technology. Art museums are places of pleasure, education and contemplation. They are remarkable by their prominence and sheer quantity, and their lessons are useful for all architects and for all building types. This book provides explicit and comprehensive coverage of the most important museums built in the first ten years of the 21st Century in the United States and Europe. By dissecting and analyzing each case, Ronnie Self allows the reader to get under the skin of each design and fully understand the process behind these remarkable buildings. Richly designed with full technical illustrations and sections the book includes the work of Tadao Ando, Zaha Hadid, Peter Cook & Colin Fournier, Renzo Piano, Yoshi Taniguchi, Herzog & de Meuron, Jean Nouvel, SANAA, Daniel Libeskind, Diller Scofidio & Renfro, Steven Holl, Coop Himmelb(l)au, Bernard Tschumi, Sauerbruch Hutton, and Shigeru Ban & Jean de Gastines. Together these diverse projects provide a catalogue of design solutions for the contemporary museum and a snapshot of current architectural thought and culture. One of few books on this subject written by an architect, Self's analysis thoroughly and critically appraises each project from multiple aspects and crucially takes the reader from concept to building. This is an essential book for any professional engaged in designing a museum.

Text by Mark Wigley, Kazuyo Sejima, Ryue Nishizawa, Julia Peyton-Jones, Hans Ulrich Obrist, Beatrice Galilee. Foreword by Julia Peyton-Jones, Hans Ulrich Obrist.

This publication focuses on Sanaa's housing projects, both finished works and unrealized projects. SANAA's architecture embraces complexities within deceptively simple appearances. It has many elements that are impossible to understand unless one actually experiences it. In contrast with modern architecture, SANAA has many aspects that cannot be revealed in representative media such as plans, models, and photographs. The representations of their architectural works incorporate ambiguity and chronological elements. This characteristic makes Sanaa one of the most innovative and productive offices in the current architectural panorama. This publication focuses on Sanaa's housing projects, both finished (House in Plum Grove, Moriyama House, Moriyama House, Flower House and Small House), and unrealised projects (Ichikawa

apartments, House in China, Hachobori, Orkurayama).

The Britannica Book of the Year 2011 provides a valuable viewpoint on the people and events that shaped the year. In addition to keeping the Encyclopaedia Britannica updated, it serves as a great reference source for the latest news on the ever-changing populations, governments, and economies throughout the world.

The new student edition of the definitive architectural reference For seventy-five years, Architectural Graphic Standards has been the go-to reference for architects, builders, and engineers. Revised for the first time since 2000, Architectural Graphic Standards, Student Edition gives students their own handy resource. Carefully abridged from the Eleventh Edition of Architectural Graphic Standards, this Student Edition features the same richly detailed graphics and text that have made Architectural Graphic Standards a classic, but updated and reorganized in a way that is relevant to today's student. Thousands of illustrations and a rich index offer immediate access to hundreds of architectural elements, while the wide variety of topics covered makes this work relevant throughout a student's architecture education and into the early stages of professional practice. With a wealth of information for the student preparing for professional practice, this new edition: \* Covers building standards and practices, materials and systems, and details for every type of project \* Follows CSI's Unifomat, a classification system that closely matches an architect's workflow \* Features completely updated content with a wide variety of standard architectural details \* Offers an ancillary Web site featuring sample curriculums, student exercises, classroom projects, PowerPoint(r) slides, and more

From architects and product designers to textile artists and digital innovators, Women Design profiles a selection of dynamic female designers from the modern era, showcasing their finest work and celebrating their enduring influence.

\*\*\* Featuring a foreword by Pritzker Prize Winner Shigeru Ban \*\*\* Bringing together experts from research and practice, Shell Structures for Architecture: Form Finding and Optimization presents contemporary design methods for shell and gridshell structures, covering form-finding and structural optimization techniques. It introduces architecture and engineering practitioners and students to structural shells and provides computational techniques to develop complex curved structural surfaces, in the form of mathematics, computer algorithms, and design case studies. • Part I introduces the topic of shells, tracing the ancient relationship between structural form and forces, the basics of shell behaviour, and the evolution of form-finding and structural optimization techniques. • Part II familiarizes the reader with form-finding techniques to explore expressive structural geometries, covering the force density method, thrust network analysis, dynamic relaxation and particle-spring systems. • Part III focuses on shell shape and topology optimization, and provides a deeper understanding of gradient-based methods and meta-heuristic techniques. • Part IV contains precedent studies of realised shells and gridshells describing their innovative design and construction methods.

En los últimos tiempos, el estudio japonés SANAA ha realizado una serie de obras que le han puesto en el punto de mira de la arquitectura internacional, y que se ha visto reflejado en la concesión en el año 2010 del premio Pritzker a Kazuyo Sejima y Ryue Nishizawa por toda una carrera de trabajo interrumpido. SANAA ha construido una serie de edificios que han supuesto una gran influencia en el contexto de la

arquitectura mundial y que está contribuyendo al trabajo de muchísimos arquitectos jóvenes, tanto en Japón como fuera de él, y su trabajo se estudia y analiza en las escuelas de arquitectura de medio mundo. Este libro, estudia el parque de SANAA desde las diversas formas en las que este se presenta, parques por continuidad, o parques por acumulación, como una excusa para el estudio de los que se basa su modo de proyectar. Dichos mecanismos forman parte ya de una forma de proyectar contemporánea y su estudio permite la comprensión de algunos de los fenómenos arquitectónicos más interesantes que se están produciendo en la arquitectura de nuestro tiempo. La revelación de estos mecanismos supone el sacar a la luz gran parte de los procesos y desarrollos de proyecto, que por la lacónica manera de dibujar de visita lenta y pausada por el edificio. El libro se convierte entonces, en una investigación, en la que el autor, como un detective, rastrea los proyectos de SANAA buscando aquellos mecanismos que permiten discernir el verdadero significado de conceptos como laberinto, jerarquía, orden, atmósfera o experiencia a lo largo de los principales proyectos de Sejima y Nishizawa.

Architectural discourse is dominated by a false dichotomy between design and chance, and governed by the belief that the architect's role is to defend against the indeterminate, this book challenges this position, arguing for the need to develop a more creative and spatial understanding of chance as experience, critical agency and a design practice in its own right. *Architectures of Chance* makes illuminating reading for those interested in aesthetic knowledge, design and its limits, and the poetics and ethics of chance and space in the overlapping fields of architecture and the aleatoric arts.

Observation and analysis are types of invention. They make things apparent which perhaps were invisible. By noticing, drawing and naming something we bring it into being. On the other hand, building and making can be thought of as analytical observations, pointing out what had not been so clear before and revealing the potential for other actions yet to occur. This book is a collection of urban research and architectural projects by award-winning architects Nigel Bertram / NMBW Architecture Studio, using observation as a design tool and design as an observational method. Through this process, a position on the making of architecture and on the role of architecture within the wider urban environment is established; embracing the full messy reality of the present, finding delight in the everyday and developing sensitivity to a range of found environments. By taking pre-existing conditions seriously, each project, architectural or analytical, large or small, becomes understood as the strategic renovation of a continuing state. This method of working operates by thinking simultaneously at different scales, from furniture to structure and infrastructure, searching for combinations of what might normally be separated into different categories, moving between the many small and ad-hoc actions of individuals to wider systems of collective organisation. Thinking about the effects of small moves on the larger urban field (and vice-versa), the role of unplanned or uncontrolled events in relation to the inward focus of design; thinking about the combinatory effect of what is newly made with what is already there, for example, enables architecture and the city to be understood in relative terms - in terms of relationships. Between people, groups of people, things, and parts of things, actions and groups of actions: urban architecture is the social arrangement of activity with the physical arrangement of large and small

parts of its environment. But what people do also changes the place in which they do it. Considering different scales and types of relationships between individuals and groups, insiders and outsiders, expected and unexpected actions can be a way of crossing categories and establishing new relations. Breaking down components of a given situation or brief, before re-grouping, can be used to flatten and redistribute hierarchies embedded within. Similarly, finding ways of carefully observing things just as they are in the present, helps to see around the presuppositions of familiarity, without worrying about cause or effect. These aims, techniques and thoughts are presented through the discipline of the architectural project, where precise strategies must in the end be found to define an exact physical arrangement and materiality, usually at minimum cost. This collection of works researches the manner in which such precision can also generate openness and indeterminacy, allowing and provoking the engagement of others. Beauty in architecture matters again. This issue of AD posits that after 80 years of aggressive suppression of engagement with aesthetics, the temporarily dormant preoccupation with beauty is back. This is evidenced by a current cultural shift from the supposedly objective to an emerging trust in the subjective – a renewed fascination for aesthetics supported by new knowledge emanating simultaneously from disparate disciplines. Digital design continues to influence architectural discourse, not only due to changes in manufacturing but also through establishing meaning. The very term 'post-digital' was introduced by computational designers and artists, who accept that digital gains in architectural design are augmented by human judgement and cognitive intuition. The issue takes an interdisciplinary approach to this re-emerging interest in beauty across neuroscience, neuroaesthetics, mathematics, philosophy and architecture, while discussing the work of the international architects, in both practice and academe, who are generating new aesthetics. Contributors: Alisa Andrasek, Izaskun Chinchilla, Marjan Colletti, Peter Cook, Robbert Dijkgraaf, Winka Dubbeldam, David Garcia, Graham Harman, Claudia Pasquero and Marco Poletto, Alan Powers, Gilles Retsin, Kristina Schinegger and Stefan Rutzinger, Fleur Watson and Martyn Hook and Semir Zeki. Featured architects: Archi-Tectonics, ecoLogicStudio, NaJa & deOstos, Kazuyo Sejima + Ryue Nishizawa/SANAA, soma architecture, Studio Gang, John Wardle Architects and Tom Wiscombe Architecture. Review: "During three spring seasons between 2006 and 2008, Kazuyo Sejima and Ryue Nishizawa taught at the School of Architecture at Princeton. The SANAA Studios explored Japan's contemporary society as a context for architecture and considered its particular perspective on space, the personal and the public realm. Design exercises were situated within the specific demographics and social variables of three distinct sites in Japan." "This book forms an attempt to capture the atmosphere in which the studios were conducted and register some of the findings gained out of exploring the office, its methods and its context. As an overall thematic it asks: What can we learn from SANAA? It tries to frame SANAA's compassionate search for new architectures within a larger societal context. It combines analyses, essays, documentary, design proposals and "objets trouves" within one book. For this publication, Iwan Baan, Dutch architectural photographer, has revisited the three sites where the studios took place to capture the spirit of its context and the SANAA buildings in use."--BOOK JACKET In this completely revised and up-to-date edition, the world's most accomplished architects -- Gehry, Pei, Meier, Nouvel, Piano, and 37 more--express their views on



creativity, inspiration, and legacy in this visually stunning, one-of-a-kind collection. The Pritzker Prize is the most prestigious international prize for architecture. Architect includes all 42 recipients of the Pritzker Prize, and captures in pictures and their own words their awe-inspiring achievements. Organized in reverse chronological order by laureate each chapter features four to six of the architect's major works, including museums, libraries, hotels, places of worship, and more. The text, culled from notebooks, interviews, articles, and speeches illuminates the architects' influences and inspirations, personal philosophy, and aspirations for his own work and the future of architecture. The book includes More than 1000 stunning photographs, blueprints, sketches, and CAD drawings. Architect offers an unprecedented view into the minds of some of the most creative thinkers, dreamers, and builders of the last three decades and reveals that buildings are political, emotional, and spiritual.

Evolutionary Structural Optimization (ESO) is a design method based on the simple concept of gradually removing inefficient material from a structure as it is being designed. Through this method, the resulting structure will evolve towards its optimum shape. The latest techniques and results of ESO are presented here, illustrated by numerous clear and detailed examples. Sections cover the fundamental aspects of the method, the application to multiple load cases and multiple support environments, frequency optimization, stiffness and displacement constraints, buckling, jointed frame structures, shape optimization, and stress reduction. This is followed by a section describing Evolve97, a software package which will allow readers to try the ideas of ESO themselves and to solve their optimization problems. This software is provided on a computer diskette which accompanies the book.

The tension between interior and exterior has always been present in architecture, differently articulated over the centuries, and expressed through several means of representation. Contemporary architecture is often characterized by the total interpenetration of interior and exterior configurations: often the differentiation between these two dialectical poles has become undistinguishable, boundaries blurry and the result of any design process is a hybrid product, based on the superposition of different and heterogeneous layers. Starting from the 18th century, Interior Landscapes describes the principles of the relationship between interior and exterior landscapes in architecture. It unveils the invariant forms that have crossed the History of Architecture, and which have periodically re-emerged to shape contemporary design episodes. By borrowing different interpretative elements—drawings, photographs, illustrations—Interior Landscapes is configured as a visual atlas, aimed to demonstrate how, through the contamination of interior and exterior, always- new architectural insights emerge. Comprising detailed essays that contribute insightfully to the international discourse, Stefano Corbo unpacks the general re-organization of topics internal to the territory of architecture. This book distinguishes itself with almost 70 unique plates of etchings, sketches, illustrations and photographs, each linking carefully and directly the visual with the theory, providing unique entry points and examinations of this text's fascinating observations.

Published in conjunction with an exhibition at The Museum of Modern Art, A Japanese Constellation focuses on the work of a small group of architects and designers influenced by and gravitating around the architect Toyo Ito and the architectural firm SANAA. Beginning with an overview of Ito's career and his influence as a mentor to a

new generation of Japanese architects, the catalogue presents a richly illustrated portfolio of recent works by three generations of internationally acclaimed designers, including Sou Fujimoto, Akihisa Hirata, and Junya Ishigami. A Japanese Constellation reveals a network of influence and cross-pollination that has become particularly relevant at the start of the 21st century. Essays by curators, architectural historians, and critics reflect on the transmission of an architectural sensibility, and suggest an alternative model to what has been commonly described as an individuality-based "star-system" in architecture. Offering a panorama of interlinked settled or up-and-coming stars, the publication reveals how shared architectural themes travel across generations of architects, creating a strong identity for a regional practice with global impact.

An invaluable guide to lives and work of Frank Gehry, Antoni Gaudí, Frank Lloyd Wright, Louis Kahn, Maya Lin, and other important figures of 20th and 21st century architecture. Martin Filler's "contribution to both architecture criticism and general readers' understanding is invaluable," according to Publishers Weekly. This latest installment in his acclaimed Makers of Modern Architecture series again demonstrates his unparalleled skill in explaining the revolutionary changes that have reshaped the built environment over the past century and a half. These studies of more than two dozen master builders--women and men, celebrated and obscure, idealists and opportunists--range from the environmental pioneer Frederick Law Olmsted and the mystical eccentric Antoni Gaudí to the present-day visionaries Frank Gehry and Maya Lin. Filler's broad knowledge embraces everything from the glittering Viennese luxury of Josef Hoffmann to the heavy-duty construction of the New Brutalists, from the low-cost postwar suburbs of the Levitt Brothers to today's super-tall condo towers on Manhattan's Billionaire's Row. Sometimes the interplay of social and political forces leads to dark results, as with Hitler's favorite architect, Albert Speer, and interior designer, Gerdy Troost. More often, though, heroic figures including Frank Lloyd Wright, Louis Kahn, and Lina Bo Bardi offer uplifting inspiration for the future of the one art form we all live with--and in--every day.

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