Klaus-Peter Gast

# Louis I. Kahn The Idea of Order

Birkhäuser

# **Louis I Kahn The Idea Of Order**

**Paul-Alan Johnson** 

#### Louis I Kahn The Idea Of Order:

Louis I. Kahn Klaus-Peter Gast, Louis I. Kahn, 2001 This comprehensive and innovative study presents the fundamental features of Louis I Kahn's architecture and describes his key buildings It is based on drawings prepared specially for this book and previously unpublished photographs and has been described as the most rigorous and precise study so far attempted in the German language Kurt W Forster Previously available in hardcover it is now being published in softcover ensuring that it will be accessible to all who are interested in the legacy of Kahn's work **Proceedings of the 2023 5th** International Conference on Literature, Art and Human Development (ICLAHD 2023) Elisabetta Marino, Yixiang Wang, Bootheina Majoul, Hsuan Lee, 2023-12-29 This is an open access book The 5th International Conference on Literature Art and Human Development ICLAHD 2023 was held on October 20 22 2023 in Chengdu China Literature is an art that reflects the social life and expresses the author's thoughts and feelings by shaping images with language as the means Art is a social ideology that uses images to reflect reality but is more typical than reality It includes literature painting sculpture architecture music and so on Literature is one of the forms of expression belonging to art Literature and art are difficult to separate by a clear boundary but also for people to create more infinite imagination space ICLAHD 2023 is to bring together innovative academics and industrial experts in the field of Literature Art and Human Development research to a common forum The primary goal of the conference is to promote research and developmental activities in Literature Art and Human Development research and another goal is topromote scientific information interchange between researchers developers engineers students and practitioners working all around the world The conference will be held every year to make it an ideal platform for people to share views and experiences in Literature Art and Human Development research and related areas

Twenty-Five Buildings Every Architect Should Understand Simon Unwin,2014-11-17 Twenty Five Buildings Every Architect Should Understand is an essential companion to Simon Unwin s Analysing Architecture and part of the trilogy which also includes his Exercises in Architecture Learning to Think as an Architect Together the three books offer an introduction to the workings of architecture providing for the three aspects of learning theory examples and practice Twenty Five Buildings focusses on analysing examples using the methodology offered by Analysing Architecture which operates primarily through the medium of drawing In this second edition five further buildings have been added to the original twenty from an even wider geographical area which now includes the USA France Italy Mexico Switzerland Spain Finland Germany Australia Norway Sweden India and Japan The underlying theme of Twenty Five Buildings Every Architect Should Understand is the relationship of architecture to the human being how it frames our lives and orchestrates our experiences how it can help us make sense of the world and contribute to our senses of identity and place Exploring these dimensions through a wide range of case studies that illustrate the rich diversity of twentieth and twenty first century architecture this book is essential reading for every architect

Nexus Network Journal 8,1,2006-07-14 From ancient to modern

architects have looked for fundamental underlying principles of geometry and proportion on which to found their designs Such principles not only provide an order for the formal elements they ground the architecture in timeless values and provide an order for the formal elements they ground the architecture in timeless values and provide a source of cultural meaning This book illustrates the use of fundamental principles of geometry and proportion in two ancient cultures the Bronze Age and the Roman Age as well as in twentieth century North America The Architect as Magician Albert C. Smith, Kendra Schank Smith. 2020-05-07 The Architect as Magician explores the connection between magic and architecture There is a belief that a greater understanding of the meaning of magic provides insights about architecture and architects design processes Architects influence the effects of nature through the making of their buildings In an analogous condition magicians perform rituals in an attempt to influence the forces of nature This book argues that architects could gain much by incorporating ideas from magic into their design process The book demonstrates through historical and current examples the important influence magic has had on the practice of architecture The authors explain how magic helps us to understand the way we infuse architecture with meaning and how magic affects and inspires architectural creation Aimed at architects students scholars and researchers The Architect as Magician helps readers discover the ambiguous and spiritual elements in *Architecture and Mathematics from Antiquity to the Future Kim Williams, Michael J.* their design process Ostwald, 2015-02-11 Every age and every culture has relied on the incorporation of mathematics in their works of architecture to imbue the built environment with meaning and order Mathematics is also central to the production of architecture to its methods of measurement fabrication and analysis This two volume edited collection presents a detailed portrait of the ways in which two seemingly different disciplines are interconnected Over almost 100 chapters it illustrates and examines the relationship between architecture and mathematics Contributors of these chapters come from a wide range of disciplines and backgrounds architects mathematicians historians theoreticians scientists and educators Through this work architecture may be seen and understood in a new light by professionals as well as non professionals Volume II covers architecture from the Late Renaissance era through Baroque Ottoman Enlightenment Modern and contemporary styles and approaches Key figures covered in this volume include Palladio Michelangelo Borromini Sinan Wren Wright Le Corbusier Breuer Niemeyer and Kahn Mathematical themes which are considered include linear algebra tiling and fractals and the geographic span of the volume s content includes works in the United States of America and Australia in addition to those in Europe and Asia Architectural Graphics Manuel A. Ródenas-López, José Calvo-López, Macarena Salcedo-Galera, 2022-04-27 This book reports on several advances in architectural graphics with a special emphasis on education training and research It gathers a selection of contributions to the 19th International Conference on Graphic Design in Architecture EGA 2022 held on June 2 4 2022 in Cartagena Spain with the motto Beyond drawings The use of architectural graphics The Greenwood Encyclopedia of Homes through World History James M. Steele, 2009-03-30 The

house throughout history in every place in the world has been built to provide shelter from the elements The dwellings that have resulted are as different as the people that have built them the social norms that prevailed at the time and place in which they were built and the natural environment that they adapted to Studying them now in a comprehensive way allows us to understand the social political economic and religious conditions that existed for their inhabitants They are a three dimensional record of culture Twenty four pages of color images along with black and white images through three volumes illustrate the homes of people throughout the world The volumes cover ancient times to the late Middle Ages the Renaissance to the Industrial Revolution and the Post Industrial Revolution to the Present **Twenty Buildings Every Architect Should Understand** Simon Unwin, 2010-02-25 Have you ever wondered how the ideas behind the world's greatest architectural designs came about What process does an architect go through to design buildings which become world renowned for their excellence This book reveals the secrets behind these buildings He asks you to read the building and understand its starting point by analyzing its final form Through the gradual revelations made by an understanding of the thinking behind the form you learn a unique methodology which can be used every time you look at any building of Place Identity in the Perception, Understanding, and Design of Built Environments Hernan Casakin, Fátima Bernardo, 2012 In an era of globalization where the progressive deterioration of local values is a dominating characteristic identity is seen as a fundamental need that encompasses all aspects of human life One of these identities relates to place and the physical en

Constructing Building Enclosures Clifton Fordham, 2020-07-21 Constructing Building Enclosures investigates and interrogates tensions that arose between the disciplines of architecture and engineering as they wrestled with technology and building cultures that evolved to deliver structures in the modern era At the center of this history are inventive architects engineers and projects that did not settle for conventional solutions technologies and methods Comprised of thirteen original essays by interdisciplinary scholars this collection offers a critical look at the development and the purpose of building technology within a design framework Through two distinct sections the contributions first challenge notions of the boundaries between architecture engineering and construction The authors then investigate twentieth century building projects exploring technological and aesthetic boundaries of postwar modernism and uncovering lessons relevant to enclosure design that are typically overlooked Projects include Louis Kahn's Weiss House Minoru Yamasaki's Science Center Sigurd Lewerentz's Chapel of Hope and more An important read for students educators and researchers within architectural history construction history building technology and design this volume sets out to disrupt common assumptions of how we understand this history Encyclopedia of Twentieth Century Architecture R. Stephen Sennott, 2004 For more information including the introduction a full list of entries and contributors a generous selection of sample pages and more visit the Encyclope dia of 20th Century Architecture website Focusing on architecture from all regions of the world this three volume set profiles the twentieth century s vast chronicle of architectural achievements both within and well beyond the theoretical

confines of modernism Unlike existing works this encyclopedia examines the complexities of rapidly changing global conditions that have dispersed modern architectural types movements styles and building practices across traditional geographic and cultural boundaries Thinking Architecturally Paul Righini, 2000 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 Architecture Paul-Alan Johnson, 1994-04-18 The Theory of Architecture Concepts Themes Practices Paul Alan Johnson Although it has long been thought that theory directs architectural practice no one has explained precisely how the connection between theory and practice is supposed to work This guide asserts that architectural theory does not direct practice but is itself a form of reflective practice Paul Alan Johnson cuts through the jargon and mystery of architectural theory to clarify how it relates to actual applications in the field He also reveals the connections between new and old ideas to enhance the reader's powers of critical evaluation Nearly 100 major concepts themes and practices of architecture as well as the rhetoric of architects and designers are presented in an easily accessible format Throughout Johnson attempts to reduce each architectural notion into its essential concept By doing so he makes theory accessible for everyday professional discussion Topics are arranged under ten headings identification definition power attitudes ethics order authority governance relationship and expression Areas covered under these headings include Utopic thought in theories of architecture Advocacy and citizen participation in architecture The basis of architectural quality and excellence The roles of the architect as artist poet scientist and technologist Ethical obligations of architecture Rationales for models and methods of design How authority is determined in architecture How architects structure their concepts Conventions of communication within the architectural profession Each section begins by showing the etymology of key terms of the topic discussed along with a summary history of the topic s use in architecture Discussions probe the conceptual and philosophical difficulties of different theories as well as their potential and limitations in past and present usage Among the provocative issues discussed in terms of their relationship to architecture are chaos theory feminism service to the community and the use of metaphor Johnson points out with stunning clarity the intentions as well as the contradictions and inconsistencies of all notions and concepts All architects and designers as well as students and teachers in these disciplines will gain many insights about Ideas of Order Jacqueline Gargus, 1994 architectural thought in this groundbreaking text Designing Spaces for Natural Ventilation Ulrike Passe, Francine Battaglia, 2015-03-12 Buildings can breathe naturally without the use of mechanical systems if you design the spaces properly This accessible and thorough guide shows you how in more than 260 color diagrams and photographs illustrating case studies and CFD simulations You can achieve truly natural ventilation by considering the building s structure envelope energy use and form as well as giving the occupants thermal comfort and healthy indoor air By using scientific and architectural visualization tools included here you can develop ventilation strategies without an engineering background Handy sections that summarize the science explain rules of thumb and detail the latest research in thermal and fluid dynamics will keep your designs sustainable energy efficient and up to date Williams, José-Francisco Rodrigues, 2002 This fourth book in the Nexus series offers papers that further broaden the horizons of studies in architecture and mathematics The Nature of Order: The process of creating life Christopher Alexander, 2002 This four volume work allows the reader to form one picture of the world in which the perspectives from science beauty and grace and commonsense intuitions are interlaced The Architects' Journal ,1998 The Nature of Order, Book Two: The Process of Creating Life Christopher Alexander, 2020-03-30 Scientifically this is perhaps the most exciting of the four books How do beautiful creations come into being Nature can make an infinite number of human faces each one unique each one beautiful The same is true for daffodils streams and stars But man made creations especially the towns and buildings of the 20th century have only occasionally been really good more often mediocre and in the last 50 years have most often been deadly What is the reason for the difference It hinges on the deep nature of the processes we use Merely understanding the geometry of beautiful and living form the topic of Book 1 is not enough to help us create such a living geometry In the 20th century our society was locked into deadly processes which created our current built environment process that most people were not really aware of and did not question Despite their best efforts and intentions architects and planners working within these processes could not achieve a living built environment Life and beauty in the built world arise only from processes which allow living structure to unfold The secret lies in knowing as nature does what must happen in what order what sequence of events allows a living form to unfold successfully Here in Book 2 Alexander puts forward a fully developed theory of living process He defines conditions for a process to be living that is capable of generating living structure He shows how such processes work and how they may be created At the core of the new theory is the theory of structure preserving transformations This concept new in scientific thinking is based on the concept of wholeness defined in Book 1 A structure preserving transformation is one which preserves extends and enhances the wholeness of a system Structure preserving transformations provide the means for any step by step process social biological architectural or technical to reach configurations which are most profound most capable of supporting life The process of creation whether in the formation of a single object or in the piece meal aggregation of a town requires this sort of generative process a careful and deliberate sequence of steps in which each step creates the context for the next one and each next wholeness is derived from the previous wholeness Our billions of beautiful and unique human faces come from one class of sequences Driven by these sequences an initial cell differentiates again and again until beautiful and complex human beings emerge infinitely various always harmonious Making changes in society so that streets buildings rooms gardens and towns may be generated by hundreds of such sequences requires massive transformations This book is the first blueprint of those transformations

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