Sacred Buildings Design Manuals | fd2ae1c1bececd71d23c6ce05011ee3e2a

essays are accessible to non-experts and encompass scholarship from leading figures in the field, discussing issues relating to sound and listening from the broadest set of interdisciplinary perspectives. Inspiring students and researchers attentive to sound in their work, newly-commissioned and classical excerpts bring urban research and ethnography alive with sensory case studies that open up a world beyond the visual. This book is core reading for all courses that cover the role of sound in culture, within sound studies, anthropology, sociology, cultural studies, history, media studies and urban geography. In a systematic section, this volume introduces the design, technical, and planning fundamentals of building churches, synagogues, and mosques. In its project section, it also presents about seventy realized structures from the last three decades. The origins of these Manuals lie in the increasing interest and importance of questions concerning the manner in which the freedom of religion and belief is to be enjoyed in Europe today, and how freedom of expression can be reconciled with other rights in a multi-cultural society. These volumes, written by human rights experts and commissioned by the Council of Europe, offer an overview of two contentious topics - the wearing of religious symbols in public areas and the issue of hate speech - and supply insight into key concepts in the jurisprudence of the Court, the role and responsibilities of the state and individuals, key definitions and essential questions for policy makers. Greening Spaces for Worship and Ministry is a comprehensive guide. The book provides a rationale, strategies, and resources for fulfilling environmental stewardship through the land and buildings of Christian and Jewish congregations. New construction, renovation, and historic preservation projects are addressed. Site development, material choices, energy generation and consumption, water use, interior air quality, green cleaning programs, and beauty are discussed. Ten congregations from across the United States and Canada are featured as examples of excellence in creation care in and through their built environments. Built space is both a physical entity as well as a socially and historically constructed place. It constantly interacts with human beings, affecting their behavior, thinking, and feeling. Doing religious work in a particular environment implies acknowledging the surroundings to be integral to theology itself. The contributors to this volume view buildings, scriptures, conversations, prayers, preaching, artifacts, music and drama, and
built and natural surroundings as contributors to a contextual theology. The view of the environment in which religion is practiced as integrated with theology represents not just a new theme but also a necessity if one is to understand religion’s own depth. Reflections about space and place and how they reflect and affect religious experience provide a challenge and an urgent necessity for theology. This is particularly important if religious practitioners are to become aware of how theology is given expression in the existential spatiality of life. Can space set theology free? This is a challenging question, one that the editor hopes can be answered, at least in part, in this volume. The diversity of theoretical concepts in aesthetics, cultural theory, and architecture are not regarded as a problem to be solved by constructing one overarching dominant theory. Instead, this diversity is viewed in terms of its positive potential to inspire discourse about theology and aesthetics. In this discourse, theology does not need to become fully dependent on one or another theory, but should always clearly present its criteria for choosing this or that theoretical framework. This volume shows clearly how different modes of design in sacred spaces capture a sense of the religious.

Modernity and religion are not mutually exclusive. Setting German and Irish church, synagogue and mosque architecture side by side over the last century highlights the place for the celebration of the new within faiths whose appeal lies in part in the stability of belief they offer across time. Inspired by radically modern German churches of the 1920s and 1930s, this volume offers new insights into designers of all three types of sacred buildings, working at home and abroad. It offers new scholarship on the unknown phenomenon of mid-century ecclesiastical architecture in sub-Saharan Africa by Irish designers; a critical appraisal of the overlooked Frank Lloyd Wright-trained Andrew Devane and an analysis of accommodating difficult pasts and challenging futures with contemporary synagogue and mosque architecture in Germany. With a focus on influence and processes, alongside conservationists and historians, it features critical insights by the designers of some of the most celebrated contemporary sacred buildings, including Niall McLaughlin who writes on his multiple award-winning Bishop Edward King Chapel and Amandus Sattler, architect of the innovative Herz-Jesu-Kirche, Munich. Lists that will help you set up for a variety of liturgies, and summaries of the documentation about how the areas of the worship space are best arranged and
appointed. In Spiritus Loci Bert Daelemans, architect and theologian, provides a threefold method for the theological assessment of church architecture, based on contemporary case studies (1995-2015). The long-awaited exploration of permaculture specifically for cooler Northern Hemisphere climates is finally here! Already regarded as the definitive book on the subject, The Earth Care Manual is accessible to the curious novice as much as it is essential for the knowledgeable practitioner. Permaculture started out in the 1970s as a sustainable alternative to modern agriculture, taking its inspiration from natural ecosystems. It has always placed an emphasis on gardening, but since then it has expanded to include many other aspects, from community design to energy use. It can be seen as an overall framework that puts a diversity of green ideas into perspective. Its aims are low work, high output, and genuine sustainability. This report examines national energy usage in existing commercial buildings, methods of reducing energy consumption through conservation, and the resulting costs and benefits. It includes a wide range of opportunities and options to save energy and operating costs through proper operation and maintenance. It also includes minor modifications to the building and mechanical and electrical systems which can be implemented promptly with little if any investment costs. A collaborative publishing venture between the Kent State University Press and Cleveland State University’s Maxine Goodman Levin College of Urban Affairs’ Center for Sacred Landmarks, The Sacred Landmarks Series includes both works of scholarship and general interest that preserve history and increase understanding of religious sites, structures, and organizations in Northeast Ohio, in the United States, and around the world. This is a compelling study of what makes a sacred place sacred. Sacred spaces exemplify some of the most exciting and challenging architecture today. Designing Sacred Spaces tells the inside story of seven architecture firms and their approaches to designing churches, mosques, synagogues and temples, monasteries and retreats. Twenty beautifully illustrated case studies located in Asia, Europe, and North America are showcased alongside discussions with the designers into concept and design development, materiality, and spatial analysis. Complementing these are essays on the cultural, historical, and theoretical meaning and importance of sacred spaces. By exploring the way we see religion and how we understand secular and sacred space, Designing Sacred Spaces
reveals how we see ourselves and how we see others. A tour-de-force of first-person narratives, research, and illustrations, this book is a vital desk reference. Like an ecosystem, cities develop, change, thrive, adapt, expand, and contract through the interaction of myriad components. Religion is one of those living parts, shaping and being shaped by urban contexts. The Routledge Handbook of Religion and Cities is an outstanding interdisciplinary reference source to the key topics, problems, and methodologies of this cutting-edge subject. Representing a diverse array of cities and religions, the common analytical approach is ecological and spatial. It is the first collection of its kind and reflects state-of-the-art research focusing on the interaction of religions and their urban contexts. Comprising 29 chapters, by a team of international contributors, the Handbook is divided into three parts: Research methodologies Religious frameworks and ideologies in urban contexts Contemporary issues in religion and cities Within these sections, emerging research and analysis of current dynamics of urban religions are examined, including: housing, economics, and gentrification; sacred ritual and public space; immigration and the refugee crisis; political conflicts and social change; ethnic and religious diversity; urban policy and religion; racial justice; architecture and the built environment; religious art and symbology; religion and urban violence; technology and smart cities; the challenge of climate change for global cities; and religious meaning-making of the city. The Routledge Handbook of Religion and Cities is essential reading for students and researchers in religious studies and urban studies. The Handbook will also be very useful for those in related fields, such as sociology, history, architecture, urban planning, theology, social work, and cultural studies. The origins of these Manuals lie in the increasing interest and importance of questions concerning the manner in which the freedom of religion and belief is to be enjoyed in Europe today, and how freedom of expression can be reconciled with other rights in a multi-cultural society. These volumes, written by human rights experts and commissioned by the Council of Europe, offer an overview of two contentious topics - the wearing of religious symbols in public areas and the issue of hate speech - and supply insight into key concepts in the jurisprudence of the Court, the role and responsibilities of the state and individuals, key definitions and essential questions for policy makers. This title is published in two parts, one in English and one in French. This
publications are only available as a set. Libraries as a building type have been subjected to substantial changes in particular in the past ten years. Milestones such as Rem Koolhaas’ Seattle Central Library from 2004 reinvented the typology completely and reflected a development from elitist temple of learning to a public living room. Hybrids between library and department store or theater were conceived. Today, the ubiquity of electronic devices and media needs to be taken into account by the designer: every new library has areas without any books now. This work of reference explains systematically all technological and planning requirements of library design. Special features such as RFID, signage, acoustics or specific structural load issues are explained in texts by experts from the fields of architecture and library science. Finally, approximately 40 best-practice case studies of contemporary library design are documented extensively. They are organized in four categories – national libraries, large public libraries, small public libraries, university libraries – and comprise high-profile examples such as Jo Coenen’s Openbare Bibliotheek Amsterdam, Alvaro Siza’s Public Library Viana do Castelo in Portugal or Mecanoo’s Library of Birmingham from 2013. This book moves beyond conventional conceptions of space and place to explore how the spatial imagination has informed our postmodern mapping of literature, culture, history, geography and politics. In this volume, scholars from different academic fields contest new territories for critical expression, venturing into a geocritical discussion of notions of identity, borders, territory, cognitive geographies, glocal cultural mobility, gendered spaces, (post)colonial cartographies, and spaces of resistance. These brilliant discussions of the postmodern dialectics of space and place invite a reappraisal of the value of space in our social, political and historical realities, thus extending the geographical imagination beyond its physical and territorial manifestations and investigating its hitherto uncharted spiritual, psychic, emotional, literary, and symbolic terrains. Bringing together theoretical and critical contributions in the fields of culture, history, politics, and literature, this engaging work invites readers to think geocritically about the significance of space and place in the postmodern age. It represents essential reading for students, critics, and scholars from various academic fields and disciplines, including history, geography, cultural studies, anthropology, political science, literature and critical theory. Along with plan and elevation, section is
one of the essential representational techniques of architectural
design; among architects and educators, debates about a project’s
section are common and often intense. Until now, however, there
has been no framework to describe or evaluate it. Manual of Section
fills this void. Paul Lewis, Marc Tsurumaki, and David J. Lewis have
developed seven categories of section, revealed in structures
ranging from simple one-story buildings to complex structures
featuring stacked forms, fantastical shapes, internal holes, inclines,
sheared planes, nested forms, or combinations thereof. To illustrate
these categories, the authors construct sixty-three intricately
detailed cross-section perspective drawings of built projects—many
of the most significant structures in international architecture from
the last one hundred years—based on extensive archival research.
Manual of Section also includes smart and accessible essays on the
history and uses of section. Islamic architecture has enriched design
with a wide variety of structural shapes, including among others,
unique arches, a wide variety of vaults and domes which allow for
new forms to be developed. The influence that these structural forms
have in non-Islamic countries was one of the themes of the 3rd
International Conference on Islamic Heritage Architecture and Art, at
which the included papers were presented. There is much to learn
from past experiences to arrive at solutions which are
environmentally sound and sustainable in the long term. As
conventional energy resources become scarce, the Islamic design
heritage can offer invaluable lessons on how to deal in an efficient
manner with cases of hard and extreme environments. Traditional
architecture and urban environments in most Islamic countries are
now being eroded by overemphasis on a global type of architecture
and city planning. As a consequence, many regions are losing their
identity. It will become increasingly important for new developments
to take light of what the classical Islamic urban designs and
architectures have to offer modern society. An equally important
aspect covered is the analysis of the materials employed and the
types of structural elements, particularly those unique to Islamic
architecture. Preserving this heritage requires the development of
appropriate conservation techniques in response to the different
materials used and the ways structural forms work, including under
extreme conditions, such as earthquakes. These papers deal with
the design of many types of buildings in Islamic countries, including
not only the better known public buildings like mosques, mausolea,
citadels and forts, but also houses and gardens, engineering works such as bridges and dams, irrigation systems and many others which have also had a profound impact on society. The classic architectural drawing compendium—a richly updated edition Today's most comprehensive compendium of architectural drawing types and methods, both hand drawn and computer generated, Architectural Drawing: A Visual Compendium of Types and Methods remains a one-of-a-kind visual reference and an outstanding source of guidance and inspiration for students and professionals at every level. This Fourth Edition has been thoroughly updated to reflect the growing influence of digital drawing. Features include: More than 1,500 drawings and photographs that demonstrate the various principles, methods, and types of architectural drawing Examples by an impressive array of notable architects and firms, including Tadao Ando, Asymptote, Santiago Calatrava, Coop Himmelb(l)au, Norman Foster, Frank Gehry, Zaha Hadid, Steven Holl, Arata Isozaki, Toyo Ito, Gudmundur Jonsson, Kohn Pedersen Fox, Ricardo Legorreta, Morphosis, Patkau Architects, Pei Partnership Architects LLP, Renzo Piano, Antoine Predock, SANAA, David Serero, Studio Daniel Libeskind, Studio Gang, Bing Thom, Tod Williams and Billie Tsien, and UN Studio A brand new chapter, "Introduction to the Digital-Manual Interface" which covers how digital and traditional drawing techniques can be used in conjunction with each other A new chapter on guidelines for portfolio building Content organized in a streamlined, easy-to-use fashion Supplementary online instructor resources, including PowerPoint slides tied to the book "This volume reveals how architects approach drawing as a process wherein ideas are given form. As a tool for teaching, these examples become important in students' understanding of the formal and technical aspects of design thought. In an age of digital technologies, this work emphasizes the intimate relationship that exists between the drawing and its maker, the process between paper, hand, and mind."—LaRaine Papa Montgomery, Professor of Architecture/Graphics Coordinator, Savannah College of Art and Design "This book contains a wealth of information on architectural graphic communication. My students have found this to be an invaluable resource for graphic presentation techniques ranging from traditional hand drawing to advanced computer graphics. It features an amazingly wide range of examples including both student work and professional work by renowned architects. With
the addition of a new chapter on portfolio design, this new edition illustrates the full gamut of graphic communication skills from the conceptual sketch through the documentation of the final portfolio."
—Mark A. Pearson, AIA, LEED AP, Associate Professor of Architecture, College of DuPage "This book should be in the library of all architecture and design students as well as practicing professionals. The richness and variety of hand-drawn and digital illustrations by students and architects offers deep insight into the many drawing types and methods used today. The section on portfolios is a helpful and timely addition."
—Professor Michael Hagge, Chair, Department of Architecture, The University of Memphis
Soccer stadiums, airports, theaters, museums – it falls to very few architects to tackle spectacular building tasks like these. The everyday work of most architects is more often focused on "manageable" projects like the renovation, remodeling, or rebuilding of single- and multi-family houses, schools, and offices. Whatever the nature of the building task, interior construction is always a significant design and qualitative challenge that calls for highly detailed technical expertise. After all, it affects the realm that will be brought to life and utilized by the user when the task is finished, and whose aesthetic and functional serviceability will be put to the test each and every day. The Interior Construction Manual supports planners in their daily work as a practical planning aid and reference work with the relevant standards, guidelines, reference details, and constructional solutions, all illustrated by built example projects. It brings together the crucial facts on all aspects of interior construction and presents the key fundamentals of building physics, fire protection, interior construction systems, and openings. In addition, it offers concrete tips on integrated planning approaches, energy and sustainability issues, materials used in interior construction, hazardous substances, and dealing with building services and light planning. In a systematic section, this volume introduces the design, technical, and planning fundamentals of building churches, synagogues, and mosques. In its project section, it also presents about seventy realized structures from the last three decades. The integration of audible space is a central aspect of electroacoustic music. Ever since the earliest analogue days of electroacoustic music, pioneers of the genre - including Pierre Schaeffer, Iannis Xenakis, Karlheinz Stockhausen, and Luigi Nono - used special devices and methods for their compositions and
refined the possibilities of integrating the sound of space into music. In this anthology, analytical portraits of compositions and groups of compositions show the wide spectrum of spatial practices in early electroacoustic music. Additionally, retrospective views on the use of spatial composition in earlier epochs and in instrumental music of the 20th century portray the practice of spatial composition in different eras and genres, as well as the universality of spatial music as a topic. In this way the book contributes to a more differentiated understanding of the term »spatial music«. Die Integration des hörbaren Raums ist ein zentraler Aspekt der elektroakustischen Musik. Schon auf Basis der Analogtechnik entstanden spezielle Geräte und Verfahren, die Pioniere des Genres wie Pierre Schaeffer, Iannis Xenakis, Karlheinz Stockhausen oder Luigi Nono für ihre Vorstellungen von Raummusik heranzogen und weiter entwickelten. In diesem Band, der englisch- und deutschsprachige Beiträge gleichermaßen versammelt, zeigen analytische Portraits einzelner Kompositionen oder Kompositionsgruppen das breite Spektrum spatialer Praktiken in der frühen elektroakustischen Musik. Geschichtliche Rückblicke auf spatiale Kompositionsweisen früherer Epochen bis hin zur instrumentalen Musik des 20. Jahrhunderts stellen den epochen- und genrespezifischen Umgang mit Raum dar und belegen nicht nur die Universalität des Themas Raummusik, sondern leisten auch einen Beitrag zu deren begrifflicher Differenzierung.Sacrosanctum Concilium opened the door to all Christians to understand the contemporary challenge to their life and health, and it started with the reform of the liturgy. In the words of Paul VI the liturgy is the 'first source of life communicated to us, the first school of our spiritual life, the first gift we can give to Christian people by our believing and praying, and the first invitation to the world.' That is surely true for all of us. Of Japan’s two great religious traditions, Shinto is far less known and understood in the West. Although there are a number of books that explain the religion and its philosophy, this work is the first in English to focus on sites where Shinto has been practiced since the dawn of Japanese history. In an extensive introductory section, authors Joseph Cali and John Dougill delve into the fascinating aspects of Shinto, clarifying its relationship with Buddhism as well as its customs, symbolism, and pilgrimage routes. This is followed by a fully illustrated guide to 57 major Shinto shrines throughout Japan, many of which have been designated World Heritage Sites or National
Treasures. In each comprehensive entry, the authors highlight important spiritual and physical features of the individual shrines (architecture, design, and art), associated festivals, and enshrined gods. They note the prayers offered and, for travelers, the best times to visit. With over 125 color photographs and 50 detailed illustrations of archetypical Shinto objects and shrines, this volume will enthrall not only those interested in religion but also armchair travelers and visitors to Japan alike. Whether you are planning to visit the actual sites or take a virtual journey, this guide is the perfect companion. Visit Joseph Cali’s Shinto Shrines of Japan: The Blog Guide: http://shintoshrinesofjapanblogguide.blogspot.jp/. Visit John Dougill’s Green Shinto, “dedicated to the promotion of an open, international and environmental Shinto”: http://www.greenshinto.com/wp/. The design principles necessary to create functional and dynamic contemporary mosques can be hard to grasp for those unfamiliar with the Islamic faith. "Design Criteria for Mosques and Islamic Centers" provides an easy to use and practical set of guidelines for mosque design, illustrated with 300 line drawings. Case studies of urban mosques in New York, Washington, Boston, and London and Birmingham amongst others demonstrate how mosques and Islamic centers have evolved to integrate into the urban scenario. The book shows how mosques fulfill multiple faith-based and social roles through their design; it provides a wide ranging, basic understanding of Islamic liturgical conventions and secular functions to enable the architect and designer to work with confidence. This book is the first dedicated design guide for Mosques and Islamic centers available. It features case studies from the USA, UK and Europe. It explains fundamental principles to make it easy to create viable design solutions for these exacting buildings that fulfill a range of social and religious roles. -- Publisher description.

Taking an interdisciplinary approach and based on yet-unexplored sources, this book offers a new synthesis of the theory and works of the Dutch monk and architect Dom Hans van der Laan from the perspective of the interrelationship between liturgy and architecture.

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