

Architectural Thesis Topics

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Topics

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SKYLAR DANIELA

Teaching Architecture IGI Global
Flexible architecture adapts to new uses, responds to change rather than stagnating, and is motive rather than static. Understanding how it has been conceived, designed, made, and used helps us understand its potential in solving current and future problems associated with technological, social, and economic change. This book explores the whole genre of flexible architecture buildings that are intended to respond to evolving situations in their form, operation, or location. Crossing the boundaries between architecture, interior design, product design, and furniture design, this

innovative book is the first to deal with the entire scope of the topic.

Architectural Research Addressing Societal Challenges Volume 2 John Wiley & Sons

The Routledge Companion for Architecture Design and Practice provides an overview of established and emerging trends in architecture practice. Contributions of the latest research from international experts examine external forces applied to the practice and discipline of architecture. Each chapter contains up-to-date and relevant information about select aspects of architecture, and the changes this information will have on the future of the profession. The Companion contains thirty-five chapters, divided into seven parts: Theoretical Stances, Technology, Sustainability, Behaviorism, Urbanism, Professional Practice and Society. Topics

include: Evidence-Based Design, Performativity, Designing for Net Zero Energy, The Substance of Light in Design, Social Equity and Ethics for Sustainable Architecture, Universal Design, Design Psychology, Architecture, Branding and the Politics of Identity, The Role of BIM in Green Architecture, Public Health and the Design Process, Affordable Housing, Disaster Preparation and Mitigation, Diversity and many more. Each chapter follows the running theme of examining external forces applied to the practice and discipline of architecture in order to uncover the evolving theoretical tenets of what constitutes today's architectural profession, and the tools that will be required of the future architect. This book considers architecture's interdisciplinary nature, and addresses its current and evolving perspectives related to social,

economic, environmental, technological, and globalization trends. These challenges are central to the future direction of architecture and as such this Companion will serve as an invaluable reference for undergraduate and postgraduate students, existing practitioners and future architects.

Architectural Program Report, June 1997
CRC Press

Technological revolutions have changed the field of architecture exponentially. The advent of new technologies and digital tools will continue to advance the work of architects globally, aiding in architectural design, planning, implementation, and restoration. The Handbook of Research on Emerging Digital Tools for Architectural Surveying, Modeling, and Representation presents expansive coverage on the latest trends and digital solutions being applied to architectural heritage. Spanning two volumes of research-based content, this publication is an all-encompassing reference source for scholars, IT professionals, engineers, architects, and business managers interested in current methodologies, concepts, and instruments being used in the field of architecture.

The Journey to Dissertation Success CRC Press

This book discusses the forerunners, present context, and technology of portable architecture. It documents numerous international examples, organized by areas of application, and offers a broad array of suggestions for practical design.

How Architects Write University of Toronto Press

Landscape architecture is involved in the designing of outdoor areas, landmarks and structures in order to achieve environmental and social-behavioral outcomes. It focuses on the systematic investigation of the processes of the landscape as well as the social, ecological and soil conditions. It also focuses on the design of interventions to produce the desired outcome. Some of the various aspects which are dealt with under this discipline are site planning, stormwater management, erosion control, environmental restoration, landscape design, and parks and recreation planning. It is also an important contributor to urban design, pedestrian schemes, waterfronts and city squares. This book is a compilation of chapters that discuss the most vital concepts in the field of landscape management. While understanding the long-term perspectives of the topics, the book makes an effort in highlighting their impact as a modern tool for the growth of the discipline. It is an

essential guide for both academicians and those who wish to pursue this discipline further.

Architecture + Design Birkhäuser
Architecture Live Projects provides a persuasive, evidence-based advocacy for moving a particular kind of architectural learning, known as Live Projects, towards a holistic integration into current and future architectural curricula. Live Projects are work completed in the borderlands between architectural education and built environment practice; they include design/build work, community-based design, urban advocacy consulting and a host of other forms and models described by the book's international group of authors. Because of their position, Live Projects as vehicle for simultaneously providing teaching and service has the potential to recalibrate the contesting claims that both academia and profession make to architecture. This collection of essays and case studies consolidates current discussions on theory and learning ambitions, academic best practices, negotiation with licensure and accreditation, and considerations of architectural integrity. It is an invaluable resource to current and future Live Projects advocates – whether they aim to move from pedagogy into practice or practice into pedagogy.

University of Michigan Official Publication Callisto Reference

Are you about to embark on a research project for the first time? Unsure which data collection methods are right for your study? Don't know where to start? By presenting the reader with a series of key research management questions, this book introduces the novice researcher to a range of research designs and data collection methods. Building an understanding of these choices and how they can impact on the dissertation itself will lead to a more robust and rigorous dissertation study. This book is designed to direct your research choices with informative text and key questions, advice from "virtual supervisors" and reflections from students. Lists of suggested further reading also help to support you on your journey to developing an organised and successful dissertation project.

Researchers seeking support on their journey to a successful dissertation will find this book a valuable resource.
Architecture Reading Lists and Course Outlines: Architectural design, Human behavior, Special topics UM Libraries
"Architectural Alterity: An Uncanny Manifesto of De-Familiarization, Displacement, and Dreams" , an Undergraduate Bachelor of Architecture

Thesis by Eilís Finnegan, Auburn University College of Architecture, Design, and Construction. The uncanny is manifested through a sensation of being uneasy or uncomfortable by an apparent strangeness - this strangeness born out of an alteration of the familiar. This sensation is the bodily reaction of a mental state interrupted by projections of the real and unreal, waking and dreaming. The uncanny of an actualized space or encounter has traces of the repressed familiar and often results in the manifestation of repressed motifs that have been revived or given new life through warping by some impression.

Doctoral Education in Architecture Actar D, Inc.

This book contains multiple short critiques, reflections and manifestos, affording each contributing architect and intellectual the time and space to imagine new social paradigms in China. Emerging from a tumultuous history of high culture and complex territorial conditions, there is nothing straightforward about the social development of China. The complexity of the social practices developed by architects and shapers of the built environment can be explained in part by the last three decades of an intensified adoption of the market economy by the Communist Party of China, after an equally short three decades of closed-door communist control. There is no political meltdown like the democratization of the former Communist Bloc, but there is a constant managing of discontent and resistance across China. At the apex of the many creative and intellectual forces in China, architects harbor and give form to many tactics of resistance. Unfortunately, architects are also the instruments and minds complicit with profit-mongering developers and governments, pursuing unchecked urbanization, degradation of the environment, exploitation of the marginalized, and the creation of a very inequitable China. This book begins with an introduction that defines the forms and tendencies of China's society as it stands today, and it positions the work of a small number of architects and intellectuals who are at the forefront of reforming, rethinking and even revolutionizing the Chinese society. Beneath the veneer of a very successful China that the world readily acknowledges, a quiet revolution is taking place within the realms of architecture and the city. The social, architectural and urban theories documented in this book are organized around the established canons of social actions – from mobilizing, laboring, resisting and mediating, to networking,

controlling, rationalizing and aestheticizing. This book aims to put the social agenda squarely back in the rapid development of the built environment in China. This publication is the culmination of a three-year study of social issues in the architecture and cities of China. It involved visits to sites undergoing massive change, discussions and debates among architects and critics, reflections by practitioners about their own work, and activists lobbying for social change. Supported by the non-profit AA Asia, the edition of the contents relied heavily on original input and exchanges between architects and theorists committed to China, from Asia and beyond. Since the 1990s, AA Asia remains one of a few unique think tanks committed to the study of architecture and cities in Asia. As an advocacy with strong academic roots, it seeks to establish the differences across various postcolonial and Asian contexts, and recalibrate the role of architecture in a technocratic era dominated by the global economy. With Contributions of Robert Adams, Lee Ambrozy, Yung Ho Chang, Chen Ling, Jeremy Chia, Cui Kai, Dong Gong, Dong Yugan, Mario Gandelsonas, Han Tao, Andrei Harwell, He Jianxiang, Hu Yan, Hua Li, Huang Weiwen, Huang Wenjing, Jiang Jun, Jeffrey Johnson, Michael Kokora, Kengo Kuma, Andrew Lee, Joan Leung Lye, Li Han, Li Hu, Li Shiqiao, Nartano Lim, William S.W. Lim, Liu Jiakun, Liu Kecheng, Liu Yichun, Long Ying, Ma Qingyun, Robert Mangurian, Meng Yan, Ou Ning, Alan Plattus, Mary-Ann Ray, Daan Roggeveen, Ruan Hao, Eunice Seng, Shi Jian, Victor Su, Sun Yimin, Wang Fei, Wang Shu, Wang Yan, H. Koon Wee, Shirley Woo, Wu Gang, Wu Liangyong, Xu Tiantian, Rocco Yim, Yu Kongjian, Zhang Ke, Zhao Liang, Zhou Yi, Zhu Tao, Zhu

The Routledge Companion for Architecture Design and Practice Princeton Architectural Press

Clearly demonstrates the specific characteristics that make for comprehensible, friendly and controllable places; 'Responsive Environments' - as opposed to the alienating environments often imposed today. By means of sketches and diagrams, it shows how they may be designed in to places or buildings. This is a practical book about architecture and urban design. It is most concerned with the areas of design which most frequently go wrong and impresses the idea that ideals alone are not enough. Ideals must be linked through appropriate design ideas to the fabric of the built environment itself. This book is a practical attempt to show how this can be done.

Enterprise Architecture Routledge

Each number is the catalogue of a specific school or college of the University.

Art Et Architecture Au Canada Routledge

Identifies and summarizes thousands of books, article, exhibition catalogues, government publications, and theses published in many countries and in several languages from the early nineteenth century to 1981.

Architectural Heritage Council of Europe

What are the pressing questions in architecture - in teaching, research and practice? Based on their many years of experience, professors Inès Lamunière and Laurent Stalder come together in five meetings to search for answers. They describe an approach to architecture that is based on intellect as well as intuition and is both strict and pragmatic. And they sketch out creative processes that are indispensable in the development of projects with all their constraints in order to master the future challenges faced by the art of building.

The Social Imperative Dorrance Publishing

A feminist analysis of the gendered concepts and practices of science, showing how science and technology impact women's bodies, lives and work

Feminists and Science, volume 2, critiques the relationship between science, gender and patriarchies in the Indian context from a multi-disciplinary perspective. This volume addresses the complexity of local knowledge and the politics of knowledge-making, interrogates how creativity and the practices of science are gendered, explores the methodologies of doing science differently and moves towards a more inclusive pedagogy. It draws upon the experience of how science and technology has impacted Indian women, going beyond the problems of women scientists in institutions, and offers a pioneering contribution to both science and women's studies.

Architectural Alterity John Wiley & Sons

As the first comprehensive encyclopedic survey of Western architectural theory from Vitruvius to the present, this book is an essential resource for architects, students, teachers, historians, and theorists. Using only original sources, Krufft has undertaken the monumental task of researching, organizing, and analyzing the significant statements put forth by architectural theorists over the last two thousand years. The result is a text that is authoritative and complete, easy to read without being reductive.

All-Inclusive Engagement in Architecture John Wiley & Sons

The importance of innovation and technology today brings with it a need for change in the definition of doctoral

education, in the training of researchers, doctoral research itself, and in the dissemination areas targeted by doctoral theses. In Europe, doctoral education is the focus of wide-ranging reform in order to achieve coherence in higher education.

Doctoral Education in Architecture: Challenges and Opportunities deals with a topic on which there is currently little literature available. While there are a considerable number of publications on doctoral education in general and in country-specific contexts, field-specific publications are rare. This book contains data obtained from a pilot study set up by the editors on "The Nature and Structure of Doctoral Studies in Architecture", as well as excerpts from a workshop based on this study, held at Istanbul Technical University Faculty of Architecture. It includes excerpts from the discussion sessions and contributions on contexts, conditions, and problems in architectural schools in several European countries. This volume provides an overview and insight for future challenges for doctoral education in the field of architecture.

Contributors include: Gülsün Sağlamer; Fatma Erkök; Gary Moore; Kemal Gürüz; Hans Beunderman; Murray Fraser; Stefan Simion; Katalin Marótyzy; Vilma Hastaoglou-Martinidis; Georgios Papakostas; Constantin Spyridonidis; Olivier Masson; Jean Stillemans; Pelin Dursun; and Philip Ursprung.

Architectural Research Methods Routledge

The book that you hold in your hands is a treasure trove of ideas to set into motion a new generation of learning for architects. As the author is a practitioner of this technology called architecture, he have often felt that globally it is the last field of knowledge that still displays vestiges of a holistic, renaissance attitude of mind. It has not fallen victim to our global love for economic development above all other considerations, and is not always a handmaiden of consumerist culture. Architects are somewhat obsessed with form. Despite this, or inspite of it, the combine and harmonize the field of applied arts with the sciences, the attitudes of engineering optimization with the expression of the visual arts, covering subjects as diverse as chemistry and history! India is possibly the world's largest future market for private sector architects today. If we do not adapt our architectural practice, starting with our architectural teaching practices, we run the clear and present danger of becoming extinct in the race for economic development and urbanization which is truly sustainable: resilient, sufficient, and

equitable. In reading this little gem of a book the author would urge the reader to look beyond formulae and descriptions, and generate an agenda for reform; beyond just the curriculum and towards transformation. As Indian society struggles to understand its architects, the profession owes a duty to itself to remain relevant to social needs and aspirations to create a nation of our dreams. And the author hopes that the beginning of that agenda can be found in the pages of this book, interpreted by every reader individually. [Feminists and Science](#) Springer Science & Business Media

Writing Built Environment Dissertations and Projects will help you to write a good dissertation or project by giving you a good understanding of what should be included, and showing you how to use data collection and analysis tools in the course of your research. Addresses prominent weaknesses in under-graduate dissertations including weak data collection; superficial analysis and poor reliability and validity Includes many more in-depth examples making it easy to understand and assimilate the concepts presented Issues around study skills and ethics are embedded throughout the book and the many examples encourage you to consider the concepts of reliability and validity Second edition includes a new chapter on laboratory based research projects Supporting website with sample statistical calculations and additional examples from a wider range of built environment subjects

Jeffersonian Economic Architecture in the Digital Age Routledge

Jeffersonian Economic Architecture in the Digital Age By: Robert S. Ellinger Ph.D
Jeffersonian Economic Architecture in the Digital Age is a book focused on how to synergically adapt to the catastrophic change in culture that humanity is currently undergoing. This is due to seismic change in technology at the dawn of the Digital Age. The author Robert S. Ellinger Ph.D. has created an architectural model using concepts from a variety of academic disciplines including spatial economics, history, systems engineering, information technology, enterprise architecture, and political science. He uses this model to demonstrate how humanity adapted to technology change in the past. He then transforms this model for the future Digital Age. And he does this while keeping Jefferson's and other founding father's concept of equal opportunity for all as envisioned in the US Declaration of Independence and Preamble of the US Constitution.

[Architectural Research Addressing Societal Challenges](#) Routledge

There is a newfound interest in architectural education. This AD is a survey of some of the best contemporary architecture student work in the world. The most forward-looking architecture schools worldwide are reinventing pedagogy in the hope of developing radical syllabi that are a rich mix of the virtual and the actual. Design education is changing and adapting to compensate for the new material changes to the discipline,

and is being used to disentangle old, outmoded spatial practices and replace them with new paradigms of space and representation. This issue showcases the students and teachers who are pushing the envelope of architecture in extraordinary ways, offering their insights into its future materiality and spatial dexterity. It premieres a new young generation of architects who are likely to become names in the architectural profession and possibly important teachers themselves. Their work has been selected by their own influential teachers of architecture who describe the studio methodologies - and reasons for them - that prompted the work. Contributors: Daniel K Brown, Jane Burry, Nat Chard, Odile Decq, Evan Douglis, Riet Eeckhout, Mark Garcia, Nicolas Hannequin, Perry Kulper, Elena Manferdini, Mark Morris, Hani Rashid, and Michael Young. Featured institutions: A Alfred Taubman College of Architecture and Urban Planning, University of Michigan; Architectural Association, London; Bartlett School of Architecture, University College London; Carleton University, Ottawa; CONFLUENCE Institute for Innovation and Creative Strategies in Architecture, Paris; Cooper Union, New York; University of Greenwich, London; KU Leuven, Belgium; Rensselaer Polytechnic Institute, New York; Southern California Institute of Architecture (SCI-Arc), Los Angeles; Swinburne University of Technology, Melbourne; Victoria University of Wellington, New Zealand; and the University of Applied Arts, Vienna