

Metapolis Dictionary Of Advanced Architecture City Technology And Society In The Information Age

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Explorations in Urban Design - Matthew Carmona 2017-05-15
Whilst recognising that distinctly different traditions exist within the study and practice of urban design, this book advances an interdisciplinary and innovative approach, which is of direct importance to understanding the urban forms, conditions, practices and processes. It enthuses and inspires users who are grappling with urban design research problems, but who need inspiration to move from idea to methodological approach. Through the work of 32 urban researchers from the arts, sciences and social sciences, it demonstrates a wide range of problems and approaches and shows how the diverse range of complementary approaches can come together to provide a holistic understanding to the design of cities. While each of the contributors presents a particular approach to researching the field, sometimes focusing centrally on particular research methodologies, others cutting across methods, or focusing on theory, all include discussion of actual research projects to illustrate their application to 'real world' problems. This book will be valuable to everyone from the informed undergraduate student about to embark on their first dissertation, to PhD students and

seasoned researchers immersed in methodological and conceptual complexity and wishing to compare available and appropriate methodological paths.

Hidden Geographies - Marko Krevs 2021-10-21

This book defines and discusses the term "hidden geographies" in two ways: systematically and by presenting a variety of examples of the research fields and topics concerning hidden geographies, with the aim of stimulating further basic and applied research in this area. While the term is quite rarely used in the scientific literature (more often as a figure of speech than to illustrate or problematize its deeper meaning), we argue that hidden geographies are everywhere and many of them have significant impacts on (other) natural and social phenomena and processes, subsequently triggering changes, for example in landscape, economy, culture, health or quality of life. The introductory section of the book conceptualises hidden geographies and discusses cognitive geography, symbolization of space, and the hidden geographies in mystical literature. Case studies of hidden environmental geographies address soils, air pollution, coastal pollution and the allocation of an

astronomical tourism site. Revealing hidden historical and sacred places is illustrated through examples of the visualisation of the subterranean mining landscape, the analysis of the historical road network and trade, border stones and historical spatial boundaries, and the monastic Carthusian space. Hidden urban geographies are discussed in terms of the urban development of an entire city, presenting the role of geography in rescuing architecture, revealing illegal urbanisation, and the quality of habitation in Roma neighbourhoods. Case studies of hidden population geographies shed light on the ageing of rural populations and the impact of spatial-demographic disparities on fertility variations. Discussions of hidden social and economic geographies problematize recent social changes and conflicts in a country, present the implementation of the fourth industrial revolution and borders as hidden obstacles in the organisation of public transport. Hidden geographies are explicitly linked to perceptions and explanations in case studies that address local responses to perceived marginalisation in a city, the solo women travellers' perceived risk and safety, and hidden geographical contexts of visible post-war landscapes. The book brings such a diversity of views, ideas and examples related to hidden geographies that can serve both to deepen their understanding and their various impacts on our lives and environment, and to attract further cross-disciplinary interest in considering hidden geographies - in research and in our every-day lives.

The Architecture of the City - Aldo Rossi 1984-09-13

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

Ideas + Buildings - Perkins & Will 2008

Perkins+Will, a global architecture and design practice, releases the first volume in a series of publications showcasing the talent of its teams and scope of their projects. Ideas + Buildings defines the essential characteristics of innovation and excellence that make Perkins+Will unique among architecture firms worldwide. The Ideas + Buildings series will include essays on design theory; white papers on programmatic and technological innovation, client business issues and the environment; and ideas that relate directly to the practice and its work as well as broader social and cultural issues. Ideas + Buildings Collective Process / Global, Social and Sustainable Design includes 12 unique projects along with anecdotal information about the firm and its history - providing insight into the firm, who they are and what they do. The book demonstrates the progress and energy of Perkins+Will as the firm advances towards its 75th anniversary.

The Metapolis Dictionary of Advanced Architecture - Manuel Gausa 2003

A dictionary for a world whose cities are linked by fiber optic cables and whose citizens are virtually global, a world where airports are meeting places and meetings take place via web conference, the Metapolis Dictionary of Advanced Architecture identifies a new architectural will and a new social and cultural panorama. From "abduction" to "zoom," radical definitions abound. Collected together they form a global, cross-disciplinary, multi-voiced vision of new architectural action. They define an architecture that is inscribed in information society, that is influenced by new technologies and new economies, and that concerns itself with the environment and sustainability. Entries have been written by the six main authors--Gausa, Guallart, Mller, Morales, Porrás and Soriano--plus dozens of international contributors, including Iiaki Abalos & Juan Herreros, Stan Allen, Cecil Balmond, Ben van Berkel, Aaron Betsky, Eduard Bru, Greg Lynn, Josep Lluís Mateo, Fradarcic Migayrou, Marcos Novak, Josa Parez Arroyo, Andreas Ruby, Antonino Saggio, Saskia Sassen, Kelly Shannon, Lars Spuybroek, Roemer van Toorn and Mark Wigley. For the sake of accessibility, the dictionary has been organized according to three distinct systems. The main dictionary is laid out in

alphabetical order, with each entry explained via one or various contributors' interpretations, plus a list of related words. Within this larger dictionary are two smaller ones: the ideological dictionary (see "ideological dictionary"), located roughly at the center of the book, offers analogical groups of words related to specific idea; the dictionary of aphorisms (see "synthetical") synthesizes some of the key definitions from the main dictionary in the form of mottos. Finally, please note that this is an illustrated dictionary, with images used to facilitate quick explanations of related terms.

AA Files - 2004

Architecture & Sustainable Development (vol.2) - Magali Bodart 2011-07
This book of Proceedings presents the latest thinking and research in the rapidly evolving world of architecture and sustainable development through 255 selected papers by authors coming from over 60 countries.

Diversity Research and Policy - Steven Knotter 2011

"Diversity Research and Policy: A Multidisciplinary Exploration provides insight into the role diversity plays in a wide range of academic disciplines, such as anthropology, sociology, psychology, economics, linguistics, business management, criminology, law, ecology and urban planning. Furthermore, it reflects on the implications for policymakers. The volume is a vital tool for anyone conducting research on diversity and an inspiration for practitioners in the field of diversity management and policy implementation. This book has emerged out of the collaborative Network of Excellence (noe) project funded by the European Commission, designed to strengthen excellence on 'Sustainable Development in a Diverse World' (sus.div). The Network comprises 32 Institutes from Europe and beyond. It integrates European research capabilities across disciplines and countries to provide society and polity with tools for managing cultural diversity as a key element in sustainable development. This volume has emerged out of a collaborative Network of Excellence (NoE) project funded by the European Commission. The NoE is designed to strengthen excellence on 'Sustainable Development in a Diverse World'. It integrates European

research capabilities across disciplines and countries to provide society and polity with tools for managing cultural diversity as a key element of sustainable development. The Network comprises 32 institutes from Europe and beyond. It has led to a growing realization that scholars and practitioners need to be aware of each other's intellectual inspiration when approaching the relationship between cultural diversity and sustainable development."--Publisher's website.

ICAR 2015 - ABSTRACTS - Andra PANAIT 2015-03-26

International Conference on Architectural Research - ICAR 2015
RESEARCH THROUGH ARCHITECTURE ISSN 2393 - 4433 ISSN-L 2393 - 4433 Descrierea CIP a Bibliotecii Naționale a României Re[search] through architecture / ed.: conferențiar dr. arh. Andra Panait. - București : Editura Universitară "Ion Mincu", 2015. - (International Conference on Architectural Research - ICAR 2015, ISSN 2393-4433, ISSN L-2393-4433) ISBN 978-606-638-112-3 I. Panait, Andra (ed.) 72 Graphic design: Andra Panait We acknowledge the help in preparing this volume to the following peoples: assoc.prof. Daniel Comșa, Arch.PhD; assoc.prof. Elena-Codina Dușoiu, arch.PhD; assoc.prof. Francoise Pamfil, arch.PhD; lecturer Marina Mihăilă, Arch.PhD; assist. Daniel ARMENCIU, Arch.PhD, assist. Oana DIACONESCU, Arch.PhD; assist. Mihaela ZAMFIR, Arch.PhD; assist. Raluca BOROȘ, Arch.PhD student. © "Ion Mincu" Publishing House Bucharest Introduction Under the title theme Re[Search] through Architecture, ICAR 2015 proposes a debate of the subject defining some new principles of nowadays architectural design. In the XXI-st century, in searching of a "style", after Postmodernism, it is considered that new architecture based on algorithms and parameters may offer new senses of space continuity and legibility. In opposite, the contextualist and phenomenologist movements consider this approach as a formal and fragile tendency, culturally un-sustained and which won't prove its consistence in time as utopist and futurist did. Topics like new avant-garde movement, stylistic searching, anachronistically architecture, space continuities and correspondences, lived architecture or experimental manifesto projects, the evolving of geometries, urban continuities or classical defragmentation, functional zoning, social

impact scenarios, space formalization, aesthetic and symbolic design values, authentically or new built archaeology, sustainable design etc. will be presented and debated under three main sections: Traditional versus Computational, Innovation and Experiment, Archive - Utopia - Events. Built / Unbuilt. Assoc.Prof. Beatrice-Gabriela JÖGER, Arch, PhD, UAUIM, Bucharest, Romania COMMITTEES General Chair Assoc.Prof. Beatrice-Gabriela JÖGER, Arch, PhD, UAUIM, Bucharest, Romania Local arrange chair Assoc.Prof. Daniel COMȘA, Arch, PhD, UAUIM, Bucharest, Romania Visual Identity, Publications Coordinator Assoc.Prof. Andra PANAIT, Arch, PhD, UAUIM, Bucharest, Romania SECTIONS 1. Traditional versus Computational Chair: Assoc.Prof. Elena Codina DUȘOIU, Arch, PhD, UAUIM, Bucharest Assistant chair: Assist.Prof. Oana DIACONESCU, Arch, PhD, UAUIM, Bucharest 2. Innovation and Experiment Chair: Assoc.Prof. Françoise PAMFIL, Arch, PhD, UAUIM, Bucharest Assistant chair: Lecturer Marina MIHĂILĂ, Arch, PhD, UAUIM, Bucharest 3. Archive - Utopia - Events. Built / Unbuilt Chair: Assoc.Prof. Daniel COMȘA, Arch, PhD, UAUIM, Bucharest Assistant chair: Assist.Prof. Mihaela ZAMFIR, Arch, PhD, UAUIM, Bucharest CONFERENCE SECRETARIAT Assist.Prof. Daniel ARMENCIU, Arch, PhD, UAUIM, Bucharest Assist.Prof. Raluca BOROȘ, Arch, PhD student, UAUIM, Bucharest SCIENTIFIC COMMITTEE Prof. Byeong-Joon KANG, Arch, PhD, INJE University -Ghimbae, South Corea Assoc.Prof. João MENEZES DE SEQUEIRA, Arch, Head of Architectural Department, Uluşofona, Lisbon, Portugal Prof. Antonino SAGGIO, Arch, PhD, Sapienza University, Rome, Italy Assoc.Prof. Maria VOYATZAKI, Arch, PhD, School of Architecture of Aristotle Univer–sity of Thessaloniki, Greece Assoc.Prof. Cosmin CACIUC, Arch, PhD, UAUIM, Bucharest, Romania Assoc.Prof. Daniel COMȘA, Arch, PhD, UAUIM, Bucharest, Romania Assoc.Prof. Codina DUȘOIU, Arch, PhD, UAUIM, Bucharest, Romania Assoc.Prof. Cristina ENACHE, Arch, PhD, UAUIM, Bucharest, Romania Assoc.Prof. Ștefan GHENCIULESCU, Arch, PhD, UAUIM, Bucharest, Romania Assoc.Prof. Celia GHYKA, Arch, PhD, UAUIM, Bucharest, Romania Prof. Augustin IOAN, Arch, PhD, UAUIM, Bucharest, Romania Assoc.Prof. Beatrice-Gabriela JÖGER, Arch, PhD, UAUIM, Bucharest,

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Reclaiming Public Space through Intercultural Dialogue - Christa Reicher 2018-07

The challenges rapid urbanisation encompasses are manifold, so are the efforts addressing sustainable and inclusive development frameworks. "Reclaiming Public Space through Intercultural Dialogue" is an intercultural and interdisciplinary initiative, which focuses on how social and spatial segregation can be overcome in metropolitan areas. Through joint research and teaching activities in the cities of Dortmund and Amman, three comprehensive topics emerged: urban transformation and the role of public space; social and cultural dimensions of cities; and nature-based planning approaches. The book compiles contributions to

these topics from researchers, practitioners, and students, which were presented in an international conference held at the German Jordanian University in Madaba, Jordan, in November 2017.

The LEGO Architect - Tom Alphin 2015-09-01

Travel through the history of architecture in *The LEGO Architect*. You'll learn about styles like Art Deco, Modernism, and High-Tech, and find inspiration in galleries of LEGO models. Then take your turn building 12 models in a variety of styles. Snap together some bricks and learn architecture the fun way!

Architecture Competitions and the Production of Culture, Quality and Knowledge - Jean-Pierre Chupin 2015-01-26

[Winner of the 2016 Bronze medal in Architecture, Independent Publisher Book Awards] This book comprises a series of 22 case studies by renowned experts and new scholars in the field of architecture competition research. In 2015, it constitutes the most comprehensive survey of the dynamics behind the definition, organization, judging, archiving and publishing of architectural, landscape and urban design competitions in the world. These richly documented contributions revolve around a few questions that can be summarized in a two-fold critical interrogation: How can design competitions - these historical democratic devices, both praised and dreaded by designers - be considered laboratories for the production of environmental design quality, and, ultimately, for the renewing of culture and knowledge? Includes 340 illustrations, bibliographical references and index of over 200 cited competitions. Keywords: Architecture / International competitions / Architectural judgment / Design thinking / Digital archiving (databases) / Architectural publications / Architectural experimentation / Landscape architecture / Urban studies

Jakob and MacFarlane - Daniel Pavlovits 2006

The work of Paris-based architects Jakob + MacFarlane can best be described as the capture and articulation of movement, both ethereal and real. The firm's focus on movement seeks to mobilise vectors of force to infuse a dynamic sensibility in its work, evident in well-known projects such as Restaurant Georges at the Pompidou Centre and the Florence

Loewy Bookshop, both in Paris. The firm's sophisticated design schemes are the result of high-end digital computer technology used in its design process. Jakob + MacFarlane's work has been published and exhibited widely and it has been proclaimed as a highly promising collaborative, representing the best in French architecture and architectural sensibility of the twenty-first century. This book explores a variety of Jakob + MacFarlane's projects to date, both built and unbuilt, allowing the reader an insight into the workings of a burgeoning practice.

Bookforum - 2003

Approaching the integrative city - Dimitra Babalis 2016-05-24

This book debates on transformation of urban spaces considering heritage value, diversity and sustainability issues. It explains complexity and methodology to re-think and re-vitalise urban spaces in sensitive urban environments. Teamwork scientific findings explore evolving ways of innovative urban space transformation in different European contexts. In the first part it examines the reading and designing of historic environment in terms of character, attractiveness, functionality and sustainability of public space and its re-definition for urban quality, wellbeing and social cohesion. In the second part it presents issues on placemaking within sustainable design. In the third part it develops a dynamic transformative process in designing urban vitality of waterfronts, essential for everyday life.

Architecture and virtuality - Josep Muntañola Thonberg 2010-12-15

Es bien sabido que la arquitectura es un tipo muy específico de arte, de ciencia o de acto ético, porque los edificios, las ciudades y los territorios son artefactos físicos y sociales, no representaciones «virtuales», como sucede en el cine, en la literatura, etc. Mijail Bajtin era consciente de esta especificidad cuando afirmaba que la arquitectura, «toda la arquitectura», solamente tiene «sujetos estéticos potenciales», no «heroes estéticos reales».1 Sin embargo, estas cualidades específicas de la arquitectura no significan que «el proyecto arquitectónico virtual», es decir, un proyecto aun no construido, aun no usado, sea real. - See more at:

<http://ebooks.upc.edu/product/arquitectura-y-virtualidad-architecture-virtuality#sthash.qKiK1LUK.dpuf>

The IT Revolution in Architecture. Thoughts on a Paradigm Shift - Antonino Saggio 2008-11-29

Information Technology is imposing itself as the central paradigm for a new phase in all of architecture; the dynamic interconnections at the heart of IT are being transferred from the world of digital models to the reality of a reactive, sensitive, interactive architecture. The structure chosen for this book was to avoid a "crib sheet" on the "IT Revolution in Architecture." The formula of the "treatise" was just as impossible to use not only because many aspects of contemporary scientific research are oriented toward a structure that remains intentionally open and serves to launch new hypotheses rather than solidify certainties, but also because this aspect is reinforced by the material that by its nature finds itself in an free, interconnected, intrinsically problematic dimension.

Ambient Screens and Transnational Public Spaces - Nikos Papastergiadis 2016-07-01

Large public screens have now become a ubiquitous part of the contemporary cityscape. Far from being simply oversized televisions, the media experts contributing to *Ambient Screens and Transnational Public Spaces* put forward a strong case that such screens could serve as important sites for cultural exchange. Advances in digital technology spell the possibilities of conducting mobile modes of interaction across national boundaries, and in the process expose the participants to novel sensory experiences, giving rise to a new form of public culture.

Understanding this phenomenon calls for a reconceptualization of "public space" and "ambience," as well as connecting the two concepts with each other. This pioneering study of the impact of media platforms on urban cultural life presents a theoretical analysis and a history of screens, followed by discussions of site-specific urban screen practices on five continents. There is also a substantial examination of the world's first real-time cross-cultural exchange via the networking of large public screens located in Melbourne and Seoul. *Ambient Screens and Transnational Public Spaces* is a provocative interdisciplinary collection

that studies public screens in diverse urban contexts ranging from Shanghai to Montreal. Taken together, these essays redefine commonly held notions about cultural policy, information, citizenship, and the quotidian experiences of the Media City. A must read for anyone interested in urban media studies and cultural planning." —Janine Marchessault, Professor of Cinema and Media Studies, York University
"Large screens in public spaces are almost taken for granted in some cities, while in others, they are barely present. This fascinating book provokes new thinking about mediatization as a transformative dimension of urban life. The editor and authors deserve to be congratulated for a welcome and timely volume, demonstrating how large screens in cities transform public spaces and become a platform for new modes of cultural exchange." —Lily Kong, Lee Kong Chian Chair Professor of Social Sciences, Singapore Management University
Encountering Urban Places - Lars Frers 2016-04-29

The aesthetics of urban life offer a curious quality, one that is both highly visible and hidden, both openly influencing and subtly imprinting. These aesthetics participate in the production of places; to the way they are built, to their resisting materiality, to their image in people's minds, to advertising and to the way people respond to the place. Exploring the encounter with the aesthetics, images and material design of urban life, this book offers analytic insights into contemporary cities. It shows how photography, maps and videos play a crucial role in bringing aesthetic dimensions into urban studies. This transdisciplinary approach draws on the full spectrum of the visual representation to tie the encounter with the realm of the visual directly and explicitly into the exploration of urban space.

Metabolism in Architecture - Kishō Kurokawa 1977

Even in a country where outstanding achievements have become almost a commonplace, the Japanese architect, Kisho Kurokawa, appears as both a remarkable and a remarkably successful man. With buildings in the United States and Eastern and Western Europe as well as in Japan, he has established an international reputation as a leading figure amongst the younger generation of architects. At the age of forty he

already had thirty-five major buildings and seventeen books to his credit; four new towns are being built to his designs; he heads a company of over a hundred employees, he runs a think-tank and an urban design bureau and for variety he has his own television programme with a regular audience of some 30 million. Behind these statistics lies a prodigious vitality expressed in original and stimulating buildings. -- from book jacket.

Keeping Up with Technologies to Create the Cognitive City - Aleksandra Krstic-Furundzic 2019-01-23

This volume represents a selection of papers presented at the Third International Academic Conference on Places and Technologies, held at the Faculty of Architecture of the University of Belgrade, Serbia in April 2016. The conference brought together researchers, PhD students and practitioners, in order to create a platform for sharing knowledge in the fields of growth, new technologies, and the environment, as well as particular aspects of achieving the concept of cognitive city. The book will appeal primarily to members of the academic community in the fields of urban design, planning and architecture, engineering and technical sciences, and the humanities and social sciences. It will also be of interest to professional institutions and companies, governments, and NGOs, who will directly benefit from the knowledge presented here.

Abandoned Buildings in Contemporary Cities: Smart Conditions for Actions - Isabella M. Lami 2020-01-08

Is it possible to energise the reuse of urban abandoned spaces with low financial capital investment? Addressing this question requires a normative and cultural change, where the rules are less focused on the material processes of producing space and more aimed at fostering the construction of relationships. The reality of several European cities shows how traditional forms of stimulating urban renewal – with respect to the financing of operations, how to design and build, and urban planning legislation – no longer work. This book examines an alternative culture of design and regulation, drawing on the richness of the various approaches to the subject to present an integrated study of the phenomenon of reuse across its economic, architectural and urban

dimensions. From this theoretical base, it empirically analyses six Italian case studies in terms of the broadness of geography and in their governance models, and of the important role of the unity of cultural destination for their reuse proposal. The book is intended for all those involved in the cultural challenge of reusing urban abandoned spaces, including public administrators, entrepreneurs, architects, planners and academics.

Wiring the Streets, Surfing the Square - Timothy Jachna 2021-03-18

This book investigates the production of public space in contemporary urban contexts as conditioned by the suffusion of urban life with digital technologies. A “social production of technology” approach is taken to frame the digitally-mediated city as a communal social and cultural project. Acknowledging the multivalent and shifting nature of public space and the heterogeneity of the urban actors who form it, the “agency” of these different actors in appropriating digital technologies takes center stage. The dynamics of negotiations between regimes of control and impulses towards freedom and experimentation, the entanglement of the spatial commons and the digital commons, changes in the notions of what constitutes membership in a public or counterpublic, and evolving relationships between the various individuals and groups who share and constitute public space, are all revealed in different actors’ appropriation of digital technologies in the formation of public spaces and the conducting of public life in cities. The book is divided into two sections. Drawing on classic and contemporary scholars on public space, and on digital culture, Section I explores the implications of the convergence of these bodies of knowledge and lenses of critique and examination on the present urban condition, establishing a conceptual foundation upon which public space discourse is brought to bear on an interrogation of the “wired” or “mediated” city. Structured by the core concepts that underlie Hannah Arendt’s notion of agency in the constitution of the public sphere, Section II is devoted to discussing, and demonstrating through myriad concrete examples, how different “affordances” of digital technologies are implicated in the production of public space and in the interplay between urban governance and control,

urban life and citizenship, and urban commodification. The topics in this book are of broad and current international relevance, and will appeal to scholars and students in architecture, urbanism, design, sociology, and digital culture.

Limitlessness - Beatriz Gomes Martin 2010

Temporary Architecture - Alexander Yarovoy (III.) 2008

Handbook of Research on Methodologies for Design and Production Practices in Interior Architecture - Garip, Ervin 2020-11-20

Studio environments can be defined as multi-dimensional integrated production spaces where basic design trainings take place and where design issues including theoretical notions such as sociological, political, phenomenological, and other dimensions are discussed. Present approaches within the literature and social media on this topic gives cause for students to evaluate their future professions over finished and pictorial products rather than ontological and processual means. While there are many resources available on the present approaches of aesthetics and visuality of interior spaces, there is not much research available on new design methodologies, related design processes, and new applied methods in interior architecture. Based on different contexts, these methods of design practice have the potential to enrich design processes and create multiple discussion platforms within project studios as well as other design media. These different representations and narration methods for research in the context of interior architecture can be effectively used in design processes. The Handbook of Research on Methodologies for Design and Production Practices in Interior Architecture proposes new design methodologies and related design processes and introduces new applied method approaches while presenting alternative methods that have been used within design studios in the field of interior architecture. The chapters deal with four major sections: the design process and interdisciplinary approaches; then scenario development and content; followed by material, texture, and atmosphere; and concluding with new approaches to design. While

highlighting topics such as spatial perception, design strategies, architectural atmosphere, and design-thinking, this book is of interest to architects, interior designers, practitioners, stakeholders, researchers, academicians, and students looking for advanced research on the new design methodologies and processes for interior architecture.

The City as Architecture - 2019-04-01

Architecture creates complex spatial situations that are the subject of urban design. Design uses a repertoire of specific architectural means in a creative way, resulting in cities that can be lived in and perceived in their three-dimensional experience. The current book, an extended new edition of *Architecture of the City* (2016), describes the repertoire with which architecture and design regain an entry to urbanistics. It pleads for an "architectonic turn" in urbanistics – a demand to finally comprehend the city architecturally: the issue is not just about buildings in the city, but about architecture of the city as a whole, as is clearly expressed in the new title of *City as Architecture*.

Architectural, Construction, Environmental and Digital Technologies for Future Cities - Natalia Potienko 2022

This book offers an overview of Russian and international experience in developing the concept of future cities and its practical implementation. The concept of future cities is associated with several important trends. The first trend is the sustainable development of the urban environment and the implementation of eco-friendly technologies and materials in civil construction, industrial and power plants. The harmonious coexistence of the citizens with all forms of nature in the urban habitat becomes a great value. The second trend is the individualization of the aesthetical and architectural image of the future cities. The city's unique flavor based on the blending of the historical legacy and architectural traditions is now as important as the utility of the environment. The third trend is the digitalization of the urban environment with the use of state-of-the-art sensors, information and communication technologies, and data science. The efficiency of operations and services achieved by the extensive use of complex IoT networks becomes a value as well. The last trend is the adaptation of the urban and social environment for individual demands of

a community and a person. Individual comfort and safety are now more important than ever before. By addressing these trends, the volume discusses local and international plans, practices, and technologies aimed at the development and implementation of future cities.

exlibris - Giovanni Corbellini 2022-05-18

Architects write a lot, especially now when conceptual aspects have become central in the advanced reflections and narrative forms increasingly intersect the quest of design practices for an ultimate legitimation. In the growing mass of the publishing offer, these keywords try to highlight recurrent issues, tracking synthetic paths of orientation between different critical positions, with particular attention to what happens in the neighbouring fields of the arts and sciences.

Transdisciplinary Knowledge Production in Architecture and Urbanism - Isabelle Doucet 2011-01-13

The volume addresses the hybridisation of knowledge production in space-related research. In contrast with interdisciplinary knowledge, which is primarily located in scholarly environments, transdisciplinary knowledge production entails a fusion of academic and non-academic knowledge, theory and practice, discipline and profession. Architecture (and urbanism), operating as both a discipline and a profession, seems to form a particularly receptive ground for transdisciplinary research. However, this specificity has not yet been developed into a full-fledged, unique mode of knowledge production. In order to dedicate specific attention to transdisciplinary knowledge production, this book aims to explore (new) hybrid modes of inquiry that allow many of architecture's longstanding schisms to be overcome: such as between theory/history and practice, critical theory and projective design, the adoption of an external viewpoint and a view-from-within (often under the guise of bottom-up vs. top-down). It therefore offers the reader a mix of contributions that elaborate on knowledge production that is situated in the (architectural and urban) profession or practice, and on practice-based approaches in theory.

Designing Grid Cities for Optimized Urban Development and Planning - Carlone, Giuseppe 2018-03-02

With the growth of the global population, the expansion of metropolitan areas has become an essential aspect of land development. With the need for more space to accommodate the growing population, discussion on the best methods of expansion has arisen. *Designing Grid Cities for Optimized Urban Development and Planning* is a critical scholarly resource that explores the expansion and extension of metropolitan areas following "orthogonal" development plans. Featuring coverage on a wide range of topics, such as built environment, grid cities, and orthogonal urban matrix, this publication is geared towards engineers, city development planners, professionals, academicians, researchers, and students seeking current research on the advantages of using orthogonal development plans for metropolitan expansion.

Mapping in Architectural Discourse - Marc Schoonderbeek 2021-11-30
This book explores the notion of mapping in architectural discourse. First locating, positioning and theorizing mapping, it then makes explicit the relationship between research and design in architecture through cartography and spatial analysis. It proposes three distinct modalities: tool, operation and concept, showing how these methods lead to discursive aspects of architectural work and highlighting mapping as an instrument in developing architectural form. It emphasizes the importance of place and time as fundamental terms with which to understand the role of mapping. An investigation into architectural discourse, this book will appeal to academics and researchers within the discipline with a particular interest in theory, history and cartography.

The Metapolis Dictionary of Advanced Architecture - Manuel Gausa 2003
A dictionary for a world whose cities are linked by fiber optic cables and whose citizens are virtually global, a world where airports are meeting places and meetings take place via web conference, the Metapolis Dictionary of Advanced Architecture in the Information Age.

Workshop Proceedings of the 9th International Conference on Intelligent Environments - J.A. Botía 2013-07-26

Intelligent Environments (IE) play an increasingly important role in many areas of our lives, including education, healthcare and the domestic environment. The term refers to physical spaces incorporating pervasive

computing technology used to achieve specific goals for the user, the environment or both. This book presents the proceedings of the workshops of the 9th International Conference on Intelligent Environments (IE '13), held in Athens, Greece, in July 2013. The workshops which were presented in the context of this conference range from regular lectures to practical sessions. They provide a forum for scientists, researchers and engineers from both industry and academia to engage in discussions on newly emerging or rapidly evolving topics in the field. Topics covered in the workshops include artificial intelligence techniques for ambient intelligence; applications of affective computing in intelligent environments; smart offices and other workplaces; intelligent environment technology in education for creative learning; museums as intelligent environments; the application of intelligent environment technologies in the urban context for creating more sociable, intelligent cities and for constructing urban intelligence. IE can enrich user experience, better manage the environment's resources, and increase user awareness of that environment. This book will be of interest to all those whose work involves the application of intelligent environments.

Experiencing Architecture, second edition - Steen Eiler Rasmussen 1964-03-15

A classic examination of superb design through the centuries. Widely regarded as a classic in the field, *Experiencing Architecture* explores the history and promise of good design. Generously illustrated with historical examples of designing excellence—ranging from teacups, riding boots, and golf balls to the villas of Palladio and the fish-feeding pavilion of Beijing's Winter Palace—Rasmussen's accessible guide invites us to appreciate architecture not only as a profession, but as an art that shapes everyday experience. In the past, Rasmussen argues, architecture was not just an individual pursuit, but a community undertaking. Dwellings were built with a natural feeling for place, materials and use, resulting in “a remarkably suitable comeliness.” While we cannot return to a former age, Rasmussen notes, we can still design spaces that are beautiful and useful by seeking to understand architecture as an art form

that must be experienced. An understanding of good design comes not only from one's professional experience of architecture as an abstract, individual pursuit, but also from one's shared, everyday experience of architecture in real time—its particular use of light, color, shape, scale, texture, rhythm and sound. *Experiencing Architecture* reminds us of what good architectural design has accomplished over time, what it can accomplish still, and why it is worth pursuing. Wide-ranging and approachable, it is for anyone who has ever wondered “what instrument the architect plays on.”

Material Innovation Architecture - Andrew Dent 2014-06-17

A first title in the ambitious new series that identifies and examines the innovative materials that are transforming art, design, and technology practice. Materials technology is the single most important agent of change in our entire designed landscape, from the buildings in which we live and work to the clothes we wear. This volume on architecture features carefully selected buildings that showcase the innovative use of a particular material. The book focuses on specific categories of materials and features an extensive range of projects, from the Netherlands Institute for Sound and Vision to the Ordos Art and City Museum in Mongolia. The materials employed in each project are cross referenced to an extensive illustrated directory featured in the book, and the texts are authoritative yet accessible. Clearly structured and illustrated with carefully selected images throughout, this book will connect material to reader and will inspire both students and professionals to pursue the optimal material for each specific application.

Reviewing Design Process Theories - Mahmud Rezaei 2020-11-20

This interdisciplinary book explores design theories, combining research from a range of fields including architecture, landscape architecture, urban planning, urban design, industrial design, software engineering, environmental psychology, geography, anthropology, and sociology. Following an extensive review of the current literature, the author reveals eight major types of theory in design processes. The theories are classified as follows: Rational vs. Empiricist Theories, Procedural vs. Substantive Theories, Normative vs. Positive Theories, Design Scopes,

Designers vs. People, Form and Space Creation Paradigms, Efficient Tools and Sources in the Design Process, and Place vs. Non-Place Theories. The respective design theories are illustrated with diagrams, tables and figures, condensing the content of over 140 essential theoretical texts that address various aspects of design processes. Given its scope, the book will appeal to undergraduate and graduate students, and to researchers and practitioners in design, urban planning, urban design, architecture, art, etc.

Production Urbanism - Dongwoo Yim 2021-10-05

The Industrial Revolution caused a paradigm shift from an agrarian economy to a manufacturing economy, giving birth to the industrial city. 'City' became synonymous with a concentration of factories causing unfiltered scenes between centres of production and urban dwellings. The corrupted image of the city ultimately led to the displacement and separation of production away from residential zones in the 20th century. However, new innovative manufacturing technologies are allowing a coexistence between factories and dwellings through hybrid typologies that blend production back into the urban fabric. This AD issue discusses the implications of the re-emergence of production as an architectural and urban agenda through hybrid models that engage a new socioeconomic shift. Given the contemporary circumstances of a global pandemic affecting global supply chains, it is necessary to deliver a

vision for a new productive urbanism that allows autonomous circular economies to flourish. Our 21st-century cities have an obligation to explore a new industrial revolution of shared economies that optimise the use of the legacy systems, infrastructure and building stock. Yet it is ultimately up to architecture to take arms in delivering new typologies. Contributors: Frank Barkow, Michele Bonino and Maria Paola Repellino, Kristiaan Borret, Vicente Guallart, Tali Hatuka, Doojin Hwang, Yerin Kang and Chihoon Lee, Kengo Kuma, Wesley Leeman, Scott Lloyd and Alexis Kalagas, Winy Maas, DK Osseo-Asare, Marina Otero Verzier, Nina Rappaport, and Shohei Shigematsu. Featured architects: Barkow Leibinger, DJH Architects, Goldsmith, Kengo Kuma & Associates, MVRDV, OMA, and TEN.

De-/signing the Urban - Patrick Healy 2006

This book represents the fruits of a year-long forum carried out in the Delft School of Design. Gathered from renowned visiting scholars, faculty members and doctoral candidates who contributed to workshops, seminars and lectures, the essays offer insight on urban processes and the aesthetic challenge for contemporary design in relation to image, technology and life sciences. Contributions include discussion on the structure of the network city; the virtual emergence and resilience of contemporary urban place in the context of Beijing; and a study of Nowa Huta, Poland.

Program Box in the City - Cindy Moon 2008