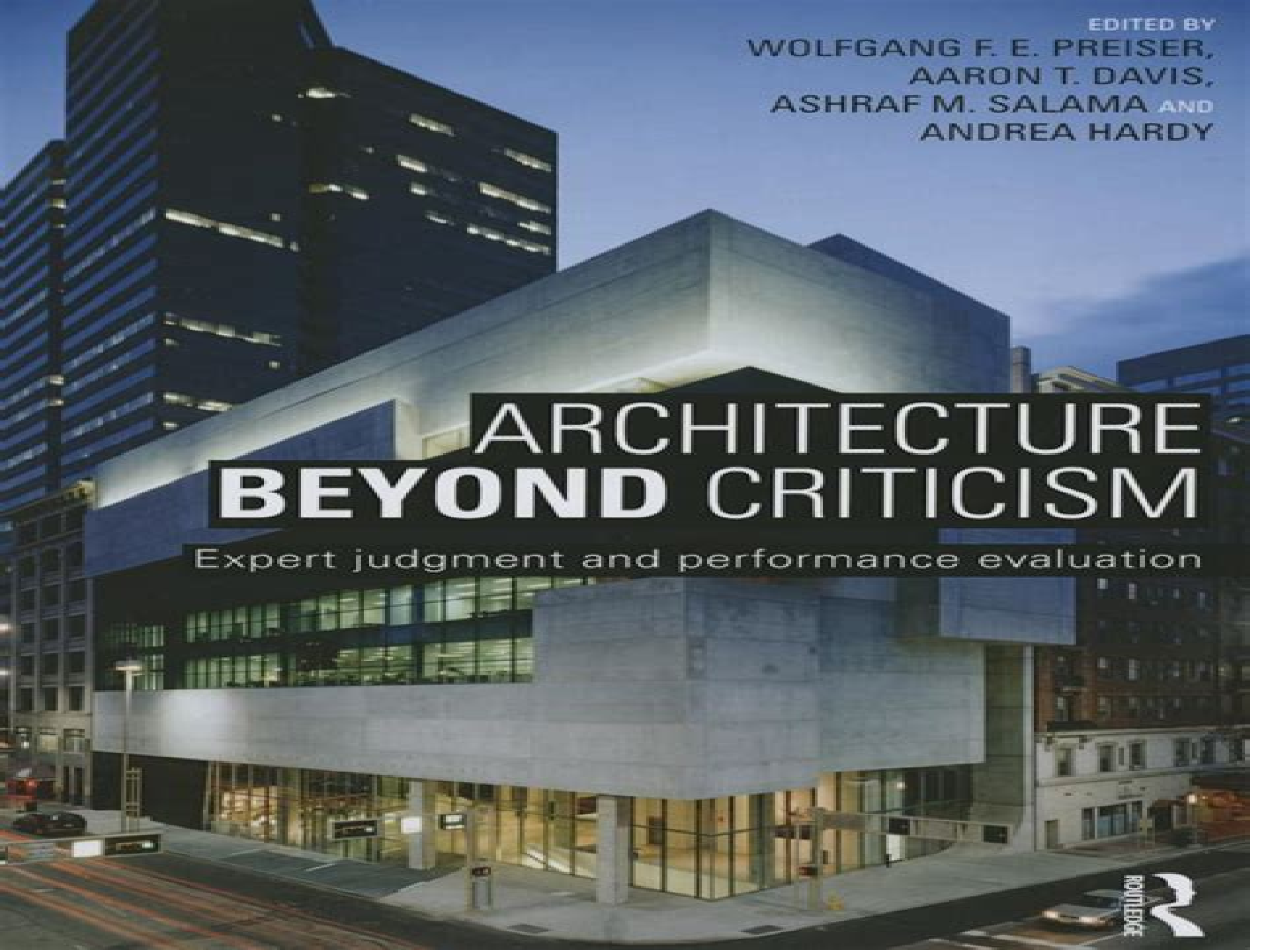




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ASHRAF M. SALAMA AND
ANDREA HARDY

ARCHITECTURE **BEYOND** CRITICISM

Expert judgment and performance evaluation

Architecture Beyond Criticism Expert Judgment And Performance Evaluation

**Wolfgang F. E. Preiser, Andrea E.
Hardy, Jacob J. Wilhelm**



Architecture Beyond Criticism Expert Judgment And Performance Evaluation:

Architecture Beyond Criticism Wolfgang F. E. Preiser, Aaron T. Davis, Ashraf M. Salama, Andrea Hardy, 2014-11-27 For the first time this book demonstrates that the two paradigms of architectural criticism and performance evaluation can not only co exist but complement each other in the assessment of built works As architecture takes more principled stances worldwide from environmental sustainability to social cultural and economic activism this book examines the roles of perceived and measured quality in architecture By exploring in tandem both subjective traditional architectural criticism and environmental design and performance evaluation and its objective evaluation criteria the book argues that both methodologies and outcomes can achieve a comprehensive assessment of quality in architecture Curated by a global editorial team the book includes Contributions from international architects and critics based in the UK USA Brazil France Qatar Egypt New Zealand China Japan and Germany Global case studies which illustrate both perspectives addressed by the book and comparative analyses of the findings A six part organization which includes introductions and conclusions from the editors to help guide the reader and further illuminate the contributions By presenting a systematic approach to assessing building performance design professionals will learn how to improve building design and performance with major stakeholders in mind especially end users occupants

Building Performance Evaluation Wolfgang F.E. Preiser, Andrea E. Hardy, Ulrich Schramm, 2017-08-30 The main aim of this book is to present an intriguing retrospective of Building Performance Evaluation BPE as it evolved from Post Occupancy Evaluation POE over the past 25 years On one hand this is done by updating original authors chapter content of Building Evaluation the first edition published in 1989 That in turn is augmented by an orientation toward current and future practice on the other including new authors who are engaged in ongoing cutting edge projects Therefore individual methodology oriented chapters covering the fundamental principles of POE and BPE go along with major thematic chapters topics of which like sustainability or integration of new technologies are addressed in a diversity of case studies from around the globe Research methodologies and framework of POEs continue to evolve POEs are one step on the larger scale of BPE in understanding how buildings function after they are occupied This resource helps a rchitects building owners and facility managers understand the implications and reactions to the facilities that they designed built and or commissioned By considering the whole process from conception to future uses of the building there can be a more holistic approach to the planning programming design construction occupancy and future adaptability of the structure This book is dedicated to first editor Wolfgang F E Preiser who passed away during the process of editing and reviewing chapters of this volume

Analyzing Eco-Architecture Beyond Performance Carmela Cucuzzella, 2020-01-01 At a time when environmental architecture is proliferating in all its forms around the world adopting ever more complex sets of tools this book provides an overview of the state of the field It provides a critical introduction to the study of environmentalism in architecture Written especially for students and researchers who work in the field of

environmental architecture this book reveals the spectrum of approaches practiced today The text includes An abridged history and overview of environmentalism in the field of architecture A clear methodology for analyzing the included 29 cases which can also be adopted for further guidance in a variety of architectural design projects Assessments of 29 buildings 10 libraries 10 museums and 9 university buildings from around the world Analyzing Eco Architecture Beyond Performance is essential reading for students researchers and practitioners involved in the study and design of environmental architecture today

Adaptive Architecture Wolfgang F. E. Preiser, Andrea E. Hardy, Jacob J. Wilhelm, 2017-09-01 The constant in architecture's evolution is change Adaptive Architecture explores structures or environments that accommodate multiple functions at the same time sequentially or at periodically recurring events It demonstrates how changing technological economic ecological and social conditions have altered the playing field for architecture from the design of single purpose structures to the design of interacting systems of synergistically interdependent distributed buildings Including contributors from the US UK Japan Australia Germany and South Africa the essays are woven into a five part framework which provides a broad and unique treatment of this important and timely issue

A Practical Guide to Post-Occupancy Evaluation and Researching Building User Experience Nigel Oseland, 2023-09-11 A Practical Guide to Post Occupancy Evaluation offers high level pragmatic guidance and case study examples on how to conduct a Post Occupancy Evaluation POE to determine whether a workplace project is successful and uncover the lessons learned for future projects For designers POEs provide essential predesign feedback informing the design brief to determine occupant requirements and help focus expenditure For those in charge of a building or buildings POE offers proactive building management and can also be used as part of the change management programme in larger projects informing the occupants of progress The practical guidance offered in this book will help the workplace industry understand if a design meets the requirements of an occupier and measure the success of and value offered by a workplace project This book will be of interest to professionals in the workplace industry responsible for delivering and evaluating capital projects as well as those studying interior design architecture surveying facilities management and building services engineering

The Routledge Handbook of Architecture, Urban Space and Politics, Volume II Nikolina Bobic, Farzaneh Haghighi, 2024-11-22 Architecture and the urban are connected to challenges around violence security race and ideology spectacle and data The first volume of this handbook extensively explored these oppressive roles This second volume illustrates that escaping the corporatized and bureaucratized orders of power techno managerial and consumer oriented capitalist economic models is more urgent and necessary than ever before Herein lies the political role of architecture and urban space including the ways through which they can be transformed and alternative political realities constituted The volume explores the methods and spatial practices required to activate the political dimension and the possibility for alternative practices to operate in the existing oppressive systems while not being swallowed by these structures Fostering new political consciousness is explored in terms of the following themes Events and

Dissidence Biopolitics Ethics and Desire Climate and Ecology Urban Commons and Social Participation Marginalities and Postcolonialism Volume II embraces engagement across disciplines and offers a wide range of projects and critical analyses across the so called Global North and South This multidisciplinary collection of 36 chapters provides the reader with an extensive resource of case studies and ways of thinking for architecture and urban space to become more emancipatory Chapter 1 of this book is freely available as a downloadable Open Access PDF at <http://www.taylorfrancis.com> under a Creative Commons Attribution CC BY 4.0 license

Neo-liberalism and the Architecture of the Post Professional Era Hossein Sadri, 2018-04-27 This book discusses the effects of Neo Liberal policies on the transformations of architectural and urban practices and education in the transition from the era of professionalism to post professionalism Building on previous literature in the field of contemporary theory of architecture it provides the necessary resources for the study of contemporary architecture and urban politics urban sociology local administration and urban geography Further it develops a political and critical perspective on contemporary practices of architecture and urbanism their implementation legal background political effects and social results The book will interest readers from a wide range of academic disciplines from political science to architecture and from urban studies to sociology

Design and Technological Applications in Sustainable Architecture Stephen Siu Yu Lau, Junjie Li, Shimeng Hao, Shuai Lu, 2021-10-19 This volume discusses the climate responsiveness of sustainable architecture design and technology in China Japan Singapore and South Korea in recent years addressing concepts and applications in urban planning building design and structural performance evaluation The four sections of the text cover the theory and implementation of sustainable architecture within various geographic boundaries and contexts offering an interdisciplinary assessment of the challenges faced in urban areas at different climate zones The main topics covered are 1 urban ecological restoration under the influence of climate environment 2 health and human considerations of building and environment 3 prototype optimization of sustainable building and 4 feedback of building performance and design evaluation The book is intended to be a contribution to the growing body of knowledge on sustainable architecture for applicable use by practitioners city planners field researchers and building operators in building design construction usage operation and maintenance

Experiencing Architecture in the Nineteenth Century Edward Gillin, H. Horatio Joyce, 2018-10-18 Bringing together fourteen original essays this collection opens up new perspectives on the architectural history of the nineteenth century by examining the buildings of the period through the lens of experience With a focus on the experience of the ordinary building user rather than simply on the intentions of the designer the book shows that new and important insights can be brought to our understanding of Victorian architecture The chapters present a range of ideas and new research some examining individual building case studies from grand hotels and clubhouses in New York to the parliament buildings of Westminster and others exploring conceptual questions about the nature of architectural experience whether sensory or otherwise Yet they share the premise that the idea of the experience of architecture took on a

new and particular significance with the rise of industrial modernity and they examine what contemporary people both architects and non architects understood by this idea The insights in this volume extend beyond the study of Victorian architecture Together they suggest how experience might be used as a framework to produce a more convincingly historical account of the artefacts of architectural history

Influence and Resistance in Post-Independence Egyptian

Architecture Marwa M. El-Ashmouni, Ashraf M. Salama, 2022-07-22 This book is an effort towards an in depth understanding of the architectural discourse in Egypt developed over more than eight decades It offers a distinctive theoretical interpretation of the forces shaping the kaleidoscopic shifts in Egyptian architecture through the analysis of the micro space of architectural representation of twentieth century Egyptian architecture Predicated on historical contextualization theoretical integration and global conceptualization Edward Said s analytical method of contrapuntal reading and the spatial discourse analysis posited by C Greig Crysler are lucidly assimilated to generate insights into various voices within the architectural discourse in Egypt The analysis and critique of two important professional magazines al Imarah 1939 1959 and Alam al Bana 1980 2000 which shaped the collective psyche of both the academic and professional communities in Egypt and the wider region coupled with the exploration of two other short lived magazines M imaryah 1982 1989 Medina 1998 2002 and other less influential professional magazines discloses the structure of attitude and reference or the exclusions and inclusions that defined the boundaries of the space of the discourse Influence and Resistance in Post Independence Egyptian Architecture paves the way to genuinely debate a yet to mature twenty first century s architectural discourse in Egypt This book is a key resource for architects architectural historians and critical theorists and will appeal to academics and to both graduate and advanced undergraduate students in architectural history and theory and Middle East and Global South studies

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web jan 29 2020 the ionic form of this reaction is $2\text{Na}^+\text{aq} + 2\text{Cl}^-\text{aq} + \text{Cu}^{2+}\text{aq} + \text{SO}_4^{2-}\text{aq} \rightarrow 2\text{Na}^+\text{aq} + \text{SO}_4^{2-}\text{aq} + \text{CuCl}_2\text{s}$ the sodium ions and sulfate ion are the spectator ions in this reaction they appear unchanged in both the product and reactant side of the equation

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web the equation below is the final net ionic equation after elimination of the spectator ions which yields water $\text{H}^+ \text{OH}^- \rightarrow \text{H}_2\text{O}$ the spectator ions in $\text{KOH} \text{aq}$ and $\text{HNO}_3 \text{aq}$ are $\text{K}^+ \text{aq}$ and $\text{NO}_3^- \text{aq}$ how to identify and list the

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web the $\text{Ag}^+ \text{aq}$ and $\text{Cl}^- \text{aq}$ ions become AgCl s but the $\text{Na}^+ \text{aq}$ ions and the $\text{NO}_3^- \text{aq}$ ions stay as $\text{Na}^+ \text{aq}$ ions and $\text{NO}_3^- \text{aq}$ ions these two ions are examples of spectator ions ions that do nothing in the overall course of a chemical reaction

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