RETHINKING ARCHITECTURE

EMERGING APPROACHES FROM THEORY TO PRACTICE

Editor

Assoc. Prof. Dr. Gözde ÇAKIR KIASIF

Vizetek
Yayıncılık

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PREFACE

Architecture is a constantly evolving discipline shaped by changing environmental conditions, technological developments, cultural values, and social needs. Rethinking architecture therefore requires more than revisiting established design principles; it calls for critical inquiry into the relationships between theory and practice, the built environment and its users, architectural heritage and contemporary transformations, and emerging technologies and design methodologies. *Rethinking Architecture: Emerging Approaches from Theory to Practice*, published by Vizetek Yayıncılık, brings together diverse research perspectives that contribute to this ongoing intellectual and professional dialogue.

The chapters in this volume address architecture through a broad range of themes, methods, and scales. Environmental performance is explored through an analysis of passive climate-control strategies in traditional Siverek houses, alongside a comparative examination of technical systems and phenomenological interpretations in regenerative architecture. These studies invite readers to reconsider the relationship between architectural design, environmental responsibility, and human experience. The discussion of quality management in the construction sector further highlights the organizational and practical challenges that influence the successful realization of architectural projects.

Architectural education and the evolution of disciplinary knowledge constitute another important dimension of the book. The examination of contemporary curricula, pedagogical approaches, and emerging competencies at Politecnico di Milano offers insight into the changing expectations of architectural education. Complementing this perspective, the exploration of AI-supported learning in the first year of architectural studies considers how emerging technologies may support learning processes and contribute to the development of architectural knowledge and skills. Research on the evolution of space syntax scholarship and the transformation of architecture in digitally mediated environments further demonstrates how analytical frameworks, digital technologies, and new modes of representation are reshaping the ways architecture is studied, produced, and experienced.

The cultural, social, and spatial dimensions of architecture are also central to this volume. The adaptive reuse of built heritage through living museums in Mardin highlights the potential of architectural conservation to support cultural continuity and revitalize historic environments. The study of rural spatial and ritual practices reproduced within urban settings examines the persistence of collective memory and cultural identity through changing spatial contexts. Similarly, the interpretation of architectural qualities in Istanbul buildings through intuitive and informed readings draws attention to the multiple ways in which architectural meaning can be perceived,

understood, and evaluated. The investigation of the typological and morphological evolution of gated communities in a medium-sized post-disaster city adds an urban perspective, demonstrating how residential forms and spatial organizations respond to changing social and environmental conditions.

Taken together, these contributions approach architecture not as a fixed body of knowledge but as a dynamic field shaped by the interaction of environmental performance, cultural continuity, technological innovation, educational transformation, construction processes, and urban change. Rather than proposing a single, unified approach, the chapters offer complementary perspectives that encourage critical reflection on contemporary architectural challenges. They also demonstrate the importance of maintaining a productive dialogue between theoretical inquiry and practical application, allowing each to inform and enrich the other.

I would like to express my sincere gratitude to Vizetek Yayıncılık for its valuable support, guidance, and cooperation throughout the preparation and publication of this book. I am also grateful to all the contributing authors for their scholarly efforts, dedication, and valuable contributions, which have made this volume possible. Their diverse perspectives and research enrich the ongoing discussion of architecture as a discipline that continually reconsiders its foundations while responding to emerging challenges and opportunities.

It is my hope that *Rethinking Architecture: Emerging Approaches from Theory to Practice* will serve as a valuable resource for academics, researchers, students, and practitioners interested in contemporary architectural debates. By bringing together varied approaches and research perspectives, this volume seeks to encourage critical thinking, foster interdisciplinary dialogue, and contribute to new ways of understanding and shaping the built environment.

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