

**Architecture Anthology III:
Inter and Transdisciplinary
Relationships in Architecture II &
Crossings on Body and
Architecture**

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Athens Institute for Education & Research
2021

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& Crossings on Body and
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First Published in Athens, Greece by the
Athens Institute for Education and Research.

ISBN: 978-960-598-390-1

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Printed and bound in Athens, Greece by ATINER

8 Valaoritou Street, Kolonaki

10671 Athens, Greece

www.atiner.gr

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Preface

The editors Clara Germana Gonçalves and Maria João Soares are to be highly commended for their enthusiasm and continued efforts in organizing annual conferences on Inter and Transdisciplinary Relationships in Architecture in Athens and following up with the publication of peer reviewed books of selected papers. The conference presentations and published papers clearly show the tremendous influence of numerous disciplines on the thinking about architecture. Concepts of place, for example, are shown to affect architectural relationships, processes of perceptions and cognition shape architectural knowledge, while the tools of drawing and modelling present their own influences on architecture. We hope the reader will find much in this book to reflect on and contribute to their own thinking about architecture.

Very much appreciated is the work of the referees for without their volunteer efforts and time expended on reviewing papers and author re-writes the Athens Institute for Education and Research's Architecture Anthology series would not be possible. Thank you to the referees for Volume 10: Sebnem Cakalogullari, Francisco Javier Casas Cobo, Pelin Dursun Çebi, Bronne Dytoc, Bencheikh Hamida, Anna Hooper, Ozan Hovardaoglu, Yoonjee Koh, Anne Kurjenoja, Alessandro Martinelli, Marta Masdéu, Federica Ribera, Javier Sánchez Merina, Maria Urma.

The process of coordination and production of the volumes could not have been undertaken without the valuable assistance of Olga Gkounta, Researcher at ATINER.

General Editor

Nicholas N. Patricios

Inter and Transdisciplinary Relationships in Architecture: An Introduction

Clara Germana Gonçalves & Maria João Soares

Architecture Anthology III: Inter and Transdisciplinary Relationships in Architecture II & Crossings on Body and Architecture includes selected papers presented at the 8th and 9th Annual International Conferences on Architecture held in Athens in July 2018 and July 2019. The first part of the book includes papers presented as part of the stream “Inter and Transdisciplinary Relationships in Architecture”; and the second includes those presented as part of the stream “Crossings on Body and Architecture” at both conferences.

This book presents itself as a contribution to consolidating the theoretical body of texts on the subject matters of these streams. It is a follow-up to the book titled Inter and Transdisciplinary Relationships in Architecture (published in 2018).

“Inter and Transdisciplinary Relationships in Architecture” proposes the discussion of: Architecture and Music, Architecture and Mathematics, Architecture and the Arts, Architecture and Cinema, Architecture and Cosmology, Architecture and Science, Architecture and Philosophy, Harmony in Architecture, Harmonic Proportion, and Architectural Concepts such as: Space, Time, Harmony, Proportion, Notation, Representation, Presentation, Perception, Rhythm, Design, Composition. It looks at questions such as: Which disciplines interact with architecture? Why these particular disciplines? In what way(s) do they interact with architecture? What type of relationship governs their interaction? Is their interaction based on language? Based on concepts? When do such relationships take place? What periods are most paradigmatic for each type of relationship? In what conceptual contexts? Which authors have put these relationships into practice, and which have theorised on them? What are the results of these inter or/and transdisciplinary relationships?

“Crossings on Body and Architecture” sets out to establish a platform of debate for academics, practitioners and researchers with regard to a landscape of relations that traverses both notions of Body and Architecture. A wide range of concepts or principles can contribute to this landscape – for example: movement, existence, non-existence, matter, space, time, duration, being, becoming, embodiment, disembodiment, interiority, exteriority, LIFE – embedded in disciplines as diverse as Dance, Philosophy, Aesthetics, Ethics, Art, History, Science, Neuroscience, to name just a few. Through the various disciplines and concepts, this stream of research seeks to “build” an overlaid structure that houses Body and Architecture in an interchangeable context.

The first part of the book includes contributions that reflect on: drawing as representation of thought in architecture; Architecture and Philosophy and new perspectives based on allegory of the Baroque House, and Deleuze and Guattari’s Desiring-Machines having as background a transdisciplinary mesh; and in a more practical approach: how inter or transdisciplinary skills for architecture students

are developed through experimenting and learning about the relationship between art and the natural environment.

The second part includes contributions that reflect on: Architecture as both a physical and mental phenomenon and a mind-body experience; the role of the body in the distinction between architectural models and architectural objects; the role of the five senses with respect to the status of Architecture and its relationships with other disciplines, particularly Music; the role of the human body in Baroque Architecture; the 1960s as a period of change, in Architecture in general, and in the Portuguese city in particular; and in a more practical approach, the multisensorial nature of urban landscape studies with locally-based participants.

The editors would like to thank all participants in the panels, in particular those who have contributed to this book. A special thank you goes to the Athens Institute for Education and Research for making it possible to publish this book. We are also indebted to Professor Nicholas N. Patricios for his dedication as the member responsible for the Conferences, as well as the general editor of the ATINER anthologies. We would also like to thank the whole ATINER team, in particular Olga Gkounta for her professionalism, efficiency, and kindness.