# Table of Contents

**Foreword** ............................................................................................................................................ xix

**Preface** .................................................................................................................................................. xxi

**Acknowledgment** .............................................................................................................................. xxvi

## Section 1

**Design Process, Form Generation, Interdisciplinary Approaches**

**Chapter 1**  
“Tectonics” as a Spatial Perception Tool in the Design Process .................................................. 1  
*Ervin Garip, Istanbul Technical University, Turkey*  
*Ceren Çelik, Istanbul Technical University, Turkey*

**Chapter 2**  
Beyond the Haze of Carnival Candles: Cinematic Space in Architectural Design Education .......... 21  
*Andreas Kretzer, Technology University of Applied Sciences Stuttgart, Germany*

**Chapter 3**  
Communicative Potential in Interior Experience: Museography and Interior Design .................... 44  
*Valeria Minucciani, Polytechnic of Turin, Italy*

**Chapter 4**  
Generative Design Strategies for Customizable Prototypes: Academic Research and  
Entrepreneurial Education .................................................................................................................... 68  
*Emanuela Lanzara, University Federico II of Naples, Italy*

**Chapter 5**  
A Pedagogical Model to Integrate Computational Thinking Logic to First Year Design Studio .......... 94  
*Orkan Zeynel Güzelci, Digital Fabrication Laboratory, University of Porto, Portugal*  
*Meltem Çetinel, İstanbul Kültür University, Turkey*
Section 2
Scenario Development and Context

Chapter 6
Theme-Scenario Development in Interior Architecture: Healthy Living in the Metropolis.................. 119
  S. Banu Garip, Istanbul Technical University, Turkey
  Aycan Kızılkaya, Istanbul Technical University, Turkey

Chapter 7
Expanding Horizons for Interior Architecture: Accounting for Forced Migration......................... 142
  Hafsa Olcay, University of Edinburgh, UK

Chapter 8
A Methodology for Interior Design: Manifesto Against the Photogenic................................. 161
  Ervin Garip, Istanbul Technical University, Turkey
  Ceren Çelik, Istanbul Technical University, Turkey

Chapter 9
Well-Being Concept and Interior Design Process: The Intersection Between Humanities and
Architecture................................................................. 179
  Nilufer Saglar Onay, Politecnico di Torino, Italy

Chapter 10
Triz Model Approach for Conceptualizing Household Furniture With a Disassembling Design...... 201
  Omar Eduardo Sánchez Estrada, Universidad Autónoma del Estado de México, Mexico
  Josué Deniss Rojas Aragon, Universidad Autónoma del Estado de México, Mexico
  Mario Gerson Urbina Pérez, Universidad Autónoma del Estado de México, Mexico

Chapter 11
Performing a New Agenda for a First-Year Interior Architecture Studio: Theatre Space .......... 218
  Ethem Gürer, Istanbul Technical University, Turkey
  Firat Küçükersen, Istanbul Technical University, Turkey

Section 3
Material, Texture, and Atmosphere

Chapter 12
Looking Back While Looking Forward: Integrating Craft and Culture as Part of Interior Design
Education and Practice.......................................................... 258
  Rishav Jain, CEPT University, India

Chapter 13
“Limited Material” as an Input for Creativity in Interior Architecture: Design and Production
With Using a Single Material .......................................................... 280
  S. Banu Garip, Istanbul Technical University, Turkey
  Aycan Kızılkaya, Istanbul Technical University, Turkey
Chapter 14
Heike Karen Rittler, Freiraum Schnittstelle f. Mensch & Idee, Germany

Chapter 15
The Alchemist Architect: Towards Exploring Materials ......................................................... 325
Esen Gökçe Özdamar, Tekirdağ Namık Kemal University, Turkey

Chapter 16
Architectural Atmospheres: From Interior Towards Exterior ............................................... 343
Saimir Kristo, POLIS University, Albania
Xhoana Kristo, POLIS University, Albania

Chapter 17
Objects // Dimensions in 1 to 1: Objects in Space ............................................................... 368
Bettina Menzel, Hochschule Wismar, Germany

Section 4
New Approaches

Chapter 18
Suzie Attiwill, RMIT University, Australia

Chapter 19
Towards Interior Architecture Design V4.0: Cyclical Design ............................................. 401
Burcin Cem Arabacioglu, Mimar Sinan Fine Arts University, Turkey
Ganze Karayilanoglu, Mimar Sinan Fine Arts University, Turkey
Zeynep Gulel, Altinbas University, Turkey

Chapter 20
Corporeal Architecture: A Methodology to Teach Interior Design and Architecture With a Focus on Embodiment ........................................................................................................ 421
Maria da Piedade Ferreira, Fakultät für Architektur, Technischen Universität München (TUM), Germany

Chapter 21
Responsive Tectonics: Adaptive Narratives in Design Studios .......................................... 440
Fitnat Cimşit Koş, Gebze Technical University, Turkey
Mehmet Ali Gasseloğlu, Gebze Technical University, Turkey
Chapter 22
Innovative Approaches for Avant-Garde Artifacts: Discovering the Future, Reinventing the Design Thinking.................................................................................................................................. 466
Zeynep Birgonul, Universitat Internacional de Catalunya, Spain

Compilation of References ............................................................................................................ 493

About the Contributors .................................................................................................................... 524

Index ................................................................................................................................................... 530