# Contents

## Part I Thinking About Creativity, Design Thinking and Interdisciplinarity

1. **Towards Evidence-Based Research and Cross-Disciplinary Design Practice**
   - Gjoko Muratovski
   - Page 3

2. **Interdisciplinary Research as a Creative Design Process**
   - Rick Szostak
   - Page 17

3. **Large-Scale Interdisciplinary Design Thinking for Dealing with Twenty-First Century Problems and Opportunities**
   - Don Ambrose
   - Page 35

4. **Creativity, Design, and Transdisciplinarity**
   - Julie Thompson Klein
   - Page 53

5. **Cross-Disciplinary Creativity and Design Thinking**
   - Ai-Girl Tan
   - Page 69

6. **Domain Generality and Specificity in Creative Design Thinking**
   - Matthew Worwood and Jonathan A. Plucker
   - Page 83

## Part II Thinking Outside the Box: Interdisciplinary Process and Action in Creative Design Thinking

7. **The Multivariate Approach and Design of the Creative Process**
   - Julien Nelson and Marion Botella
   - Page 101

8. **Critical Issues of Advanced Design Thinking: Scheme of Synthesis, Realm of Out-Frame, Motive of Inner Sense, and Resonance to Future Society**
   - Yukari Nagai and Toshiharu Taura
   - Page 115
9 The Project or the Specificity of Design Thinking 135
Stéphane Vial

10 From Design Thinking to Design Doing 149
Tue Juelsbo, Lene Tanggaard and Vlad Petre Glaveanu

11 C-K Theory: Modelling Creative Thinking and Its Impact on Research 169
Armand Hatchuel, Pascal Le Masson and Benoît Weil

12 Technological Innovation in Group Creativity 185
Stéphanie Buisine, Jérôme Guegan and Frédéric Vernier
Creativity, Design Thinking and Interdisciplinarity
Darbellay, F.; Moody, Z.; Lubart, T. (Eds.)
2017, XXII, 201 p. 23 illus., Hardcover
ISBN: 978-981-10-7523-0