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| Nota di contenuto | Cover -- Title Page -- Copyright Page -- Contents -- Editor Biographies -- Acknowledgements -- List of Figures -- Introduction -- How this Book Emerged and Evolved -- Ways to Read this Book -- Chapter 1 Mass Customization Computationally Responsive Environments -- Fundamentals of Mass Customization -- Context and Development -- Precedents -- Fundamentals of Computationally Responsive Environments -- Context and Development -- Precedents -- A Dialogue with Avi Friedman, Naomi Keena, and Michael Fox on Inclusion, Computational Tools, and Public Policy -- Biographies -- Framings -- Points of Convergence and Divergence -- Mass Customization + Computationally Responsive Environments = ? -- Reframing Mass Customization Computationally Responsive Environments -- Thematic Understandings -- Time-Based Synthesis -- Chapter 2 Open Building Adaptive Reuse -- Fundamentals of Open Building -- Context and Development -- Precedents -- Fundamentals of Adaptive Reuse -- Context and Development -- Precedents -- A Dialogue with Bie Plevoets and John Dale on Cultural Memory, Care, Agency, Practice Transformation, and Materiality & -- Detailing -- Biographies -- Framings -- Open Building + Adaptive Reuse = ? -- Reframing Open Building Adaptive Reuse -- Thematic Understanding -- Time-Based Synthesis -- Chapter 3 Metabolism Persistence -- Fundamentals of Metabolism -- Context and |

Development -- Precedents -- Fundamentals of Persistence -- Context and Development -- Precedents -- A Dialogue with Aki Ishida and Michelle Laboy on Care, Inclusion, Materiality, Place, and Computational Tools -- Biographies -- Framings -- Points of Convergence and Divergence -- Metabolism + Persistence = ? -- Reframing Metabolism Persistence -- Thematic Understandings -- Time-Based Synthesis -- Chapter 4 Preservation Circular Construction -- Fundamentals of Preservation.

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Reframing Smart Materials Bio Design -- Thematic Understandings -- Time-Based Synthesis -- Chapter 8 Conclusion -- Expanded Thematic Understandings -- Time-Based Practices -- Pluralism and Curation -- Learning Frameworks -- Knowledge Transfer -- Calls to Action -- Index -- EULA.

Sommario/riassunto

"The inability of our buildings and cities to adapt to shifting circumstances such as economic and climate change has led to significant cultural loss and unsustainable amounts of waste. A growing number of antidotes have been offered over the past century with varying levels of success and acceptance. These include systematic customization, spatial flexibility, adaptability, smart materials, dynamic facades, transformable structures, transportable environments, open building, adaptive reuse, persistence, resilience, weathering, preservation, design for disassembly (dfd), and circular economy. Sustainable Design for Uncertain Futures surveys these strategies and helps establish areas of theoretical and practical boundaries and overlaps. The structure of the book is based on a popular course at Carnegie Mellon University taught by the editors. In addition to key readings and case studies, the book includes contributions of dialogues with and between thought leaders around the globe aligned with each strategy. Through the book, this assemblage of experts in discussion

highlights productive alignments and salient disagreements as key intersections within this rapidly expanding field"-- Provided by publisher.
