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Altri autori (Persone)	YuanPhilip F ChaiHua YanChao LeachNeil
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Nota di contenuto	Intro -- Preface -- Organization -- Committees -- Honorary Advisors -- Organization Committees -- Scientific Committees -- Contents -- Computation and Formation -- Serlio and Artificial Intelligence: Problematizing the Image-to-Object Workflow -- 1 Influence of the Disciplinary Treatise -- 2 Analogical and Digital Flux -- 3 Analog-to-Digital Information Processing -- 4 Problematizing the Image-to-Object Workflow -- 5 Operative Model: Portico -- 5.1 Intelligence Beyond Serlio -- References -- A Generative Approach to Social Ecologies in Project [Symbios]City -- 1 Introduction 2 Topological Optimization as a Method of Parametric Semiology -- 2.1 Background -- 2.2 TO Software and Its Potential to Achieve Tower Semiology -- 2.3 Benchmark Post Processing and Materialization -- 3 Ground Design and Flood Simulation -- 3.1 Flood Simulation -- 3.2 Tower Arrangement -- 3.3 Podium Design and Network Theory -- 4 From Programmatic Distribution to Neighborhood Ecologies -- 4.1 Typical Program Classification and Distribution -- 4.2 Dynamic Programs and Micro-structures -- 5 Façade Development and Sunlight

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Sommario/riassunto

This open access book is a compilation of selected papers from 2021 DigitalFUTURES—The 3rd International Conference on Computational Design and Robotic Fabrication (CDRF 2021). The work focuses on novel techniques for computational design and robotic fabrication. The contents make valuable contributions to academic researchers, designers, and engineers in the industry. As well, readers encounter new ideas about understanding material intelligence in architecture.
