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Nota di contenuto	Frontmatter -- Contents -- Preface -- 1 - introduction -- 1.1 A Systemic Transformation -- 2 - agency -- 2.1 The Digital Transformation of Design -- 2.2 Defining Design Intent: Depiction, Precision and Generation -- 2.3 The Evolution of Responsible Control and Professional Care -- 2.4 Preparing Digital Designers -- 2.5 Building Performance Design -- 3 - methodology -- 3.1 Procedures, Process and Outcomes -- 3.2 Information Coherence -- 3.3 Designing Design: Optimizing, Solving, Selecting -- 3.4 Building Logic and Design Insight -- 3.5 Design Demands of Digital Making -- 4 - value -- 4.1 Creating New Value Through Design -- 4.2 Producing Design Process -- 4.3 Calibrating Design Values -- 4.4 New Values in the Systems of Delivery -- Conclusion -- Bibliography -- Illustration Credits -- About the Author -- Key Terms and Names -- Colophon
Sommario/riassunto	A systemic transformation is underway in architectural design, engineering and construction. The discipline and profession of architecture is being reshaped in a moment where information, insight and predictions generated during the design process move into construction no longer essentially via drawings. Other, more profound digital techniques yield fundamentally different workflows, responsibilities and business models for architects. This book offers a comprehensive framework, detailed analysis and critical assessment of

the challenges and opportunities inherent in those changes. The author sets out to provide direction for a new era in architectural creation that can be understood and managed by a profession which must become better equipped to direct its future.

Im architektonischen Entwerfen und Konstruieren und im Ingenieurwesen ereignet sich gerade eine systematische Transformation. Die Vermittlung zwischen Information, Kreation und Produktion findet im architektonischen Schaffensprozess nicht mehr länger wesentlich über das Medium der Zeichnung statt. Andere, erstmals in vollem Umfang digitale Technologien bringen fundamental andere Workflows, Verantwortlichkeiten und Geschäftsmodelle mit sich. Auf dem Hintergrund umfassender Erfahrung unternimmt der Autor eine detaillierte Analyse und kritische Einschätzung der aktuellen Entwicklungen und entwirft Handlungsstrategien für eine neue Ära der Architekturproduktion - für eine Profession, die sich besser aufstellen muss, um ihre Zukunft im digitalen Zeitalter selbst zu bestimmen.
