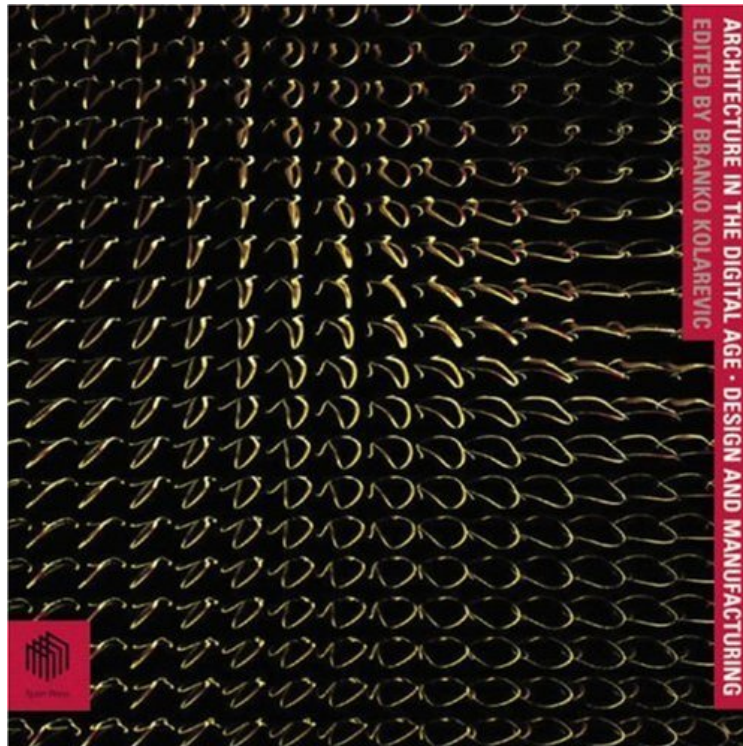# Architecture in the Digital Age: Design and Manufacturing

KOLAREVIC BRANKO
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KOLAREVIC BRANKO : Architecture in the Digital Age: Design and Manufacturing before purchasing it in order to gage whether or not it would be worth my time, and all praised Architecture in the Digital Age: Design and Manufacturing:

0 of 0 people found the following review helpful. Coming from practice to study back again wasn't an easy thing to doBy MostafaI read this book during my first Ph.D. year. Coming from practice to study back again wasn't an easy thing to do. This book helped me to take a glance about the main discussions in the field. It is an eye-opening, inspirational espatially when synthesized with other readings from same authors. Moreover, the book well written and well organized.8 of 8 people found the following review helpful. Architectural Revolution by Information RevolutionBy Joongwon LeeWe all know that information revolution has totally transformed the society. Architecture is no exception. Relative to industrial revolution's impact on architecture, "what has this recent revolution done to the field?" is the basic inquiry to the book. This book diligently answers to the question. It is extremely informative and provocative regarding digital technologies available for architecture.As an outcome of a symposium held at U.Penn. in 2002, the book compiles various scholars and practitioners around the world. They grapple with the current technologies available to design and manufacture innovative shapes/forms/spaces that associate with digital aesthetics.Spearheaded researchers such as Bill Mitchell(MIT), Chris Luebkeman(Arup), Ali Rahim (U.Penn), and Branko Kolarevic (U.Penn, chief editor of the book); and, cutting-edge practitioners such as Jim Glymph (Gehry), Hugh Whitehead (Foster Partners), Bernhard Franken (Franken Architekten), etc.; both groups provide theoretical framework and actual applications.It's interesting to point out that the authors deliberately associated digital architecture with smooth forms. Double curvatures deform structure/ skin/ space of the building. The new modes of

design and production enables that complex geometries to be part of building industry. As a reader, the most challenging claim of the book is that the authors assert (some explicitly and some implicitly) on the new role of an architect. They believe that this new mode of production will revolutionize the client-architect-contractor relationship. Because architects will be the (single) dominant source of information on the three dimensionally morphed shape, manufacturers and fabricators would rely heavy on architects. The authors predict architect would regain absolute power of medieval master builders. 11 of 16 people found the following review helpful. Great Compilation By Karl R Kowalske This book provides a great overview of the developing technolgies in digital design and fabrication. I would highly recommend this book to anyone interested in a comprehensive study in the current trends in digital architecture. A series of 20+ articles by designers working in this area of architecture, this book updates the conversation to what is happening today and what is being projected in the future. Great resource!

Architecture in the Digital Age addresses contemporary architectural practice in which digital technologies are radically changing how buildings are conceived, designed and produced. It discusses the digitally-driven changes, their origins, and their effects by grounding them in actual practices already taking place, while simultaneously speculating about their wider implications for the future. The book offers a diverse set of ideas as to what is relevant today and what will be relevant tomorrow for emerging architectural practices of the digital age.

'This beautifully produced and illustrated book is an excellent reference book and a unique snapshot of the state of digital technologies in architecture today. '-Carol Hermann, Nexus Network Journal vol 6 (Autumn 2004) 'These mostly first-hand accounts by significant pioneers in the use of digital tools to make real architecture, many given in an easily digestible, almost conversational style, provide the core value of the book. The resulting mix is not a conference proceedings, nor a textbook, nor a manifesto, but a bit of all three.' - Brian Johnson, International Journal of Architectural Computing About the Author Branko Kolarevic is Associate Professor for the Department of Architecture, Graduate School of Fine Arts, University of Pennsylvania, and is an Associate Member of the American Institute of Architects.