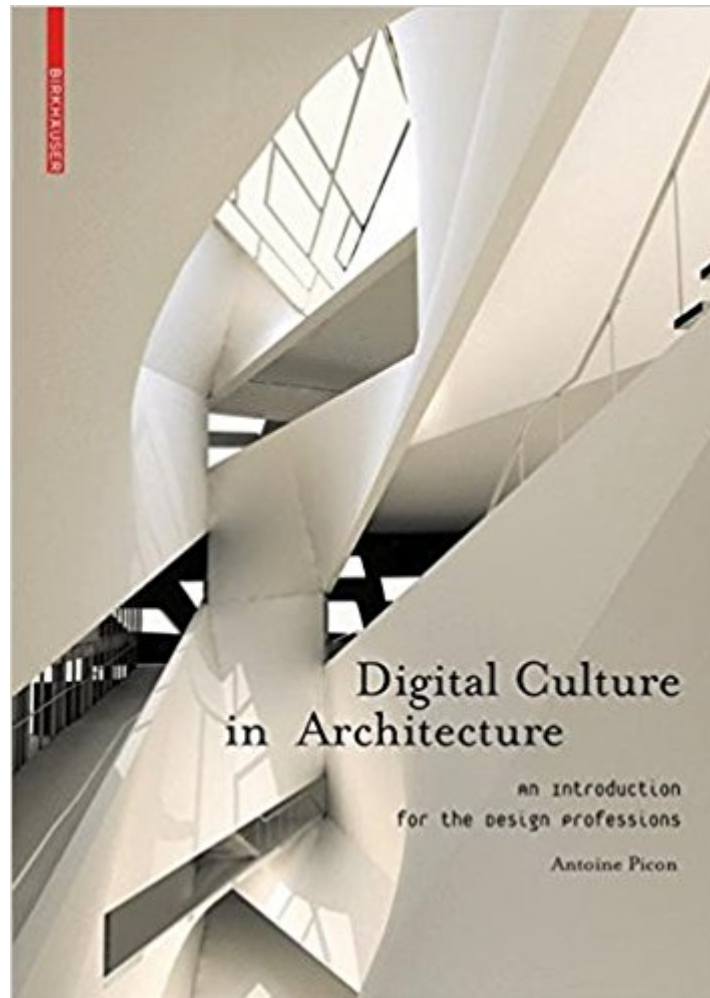




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Digital Culture In Architecture



Synopsis

Today's explosive developments in digital technology have also affected architecture and the urban landscape. The new possibilities opened up by digital simulation have led to an increasingly strategic approach to planning, an approach based on generating scenarios, which thus represents a radical departure from traditional planning. From the preliminary sketch all the way to the production of individual building components, digital tools offer new possibilities that were still inconceivable just a few years ago. This volume provides a profound introduction to the important role of digital technologies in design and execution. In four chapters, the author systematically examines the influence of digital culture on architecture but also on the urban landscape as well as product design. The relationship of digital architecture to the city is also an important focus. Die rasanten Entwicklungen in den digitalen Technologien lassen auch die Architektur und den städtischen Raum nicht unberührt. Die neuen Möglichkeiten, die die digitale Simulation eröffnet, führen zu einer mehr und mehr strategischen Planung, die auf der Erzeugung von Szenarien fokussiert und sich somit von der traditionellen Planung stark loslöst. Dabei bieten die digitalen Werkzeuge vom ersten Entwurf bis hin zur Fertigung einzelner Bauteile heute Möglichkeiten, wie sie vor wenigen Jahren noch undenkbar waren. Der Titel liefert eine profunde Einführung in die Bedeutung der digitalen Technologien in Entwurf und Ausführung. Innerhalb von vier Kapiteln untersucht der Autor systematisch den Einfluss der digitalen Kultur auf die Architektur, aber auch auf den städtischen Raum und im Hinblick auf das Produktdesign. Eine wichtige Rolle spielt dabei auch das Verhältnis von digitaler Architektur zur Stadt.

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"Antoine Picon, Professor of History of Architecture and Technology at Harvard's Graduate School of Design, presents a well-rounded, thoroughly researched and comprehensive essay about computation design in architecture. It offers unique insights into the realm of digital architecture for every reader, digital immigrants and established nerds." --Architectural Science Review

A comprehensive introduction to an increasingly important topic in contemporary architecture

Picon's work transcends the field of architecture and has far reaching implications for issues of human subjectivity, communication and the places we call home. I have yet to read such an astute yet measured analysis of how digital aesthetics are influencing our material surroundings. Picon's insights are fascinating and instructive making it hard to argue that information culture isn't having dramatic effects on the way we live, where we live and what life will be like in the new urban landscape constructed around the principles of simulation, smooth transitions and surface. I could not recommend this book more highly for scholars interested in understanding how digital architecture will eventually represent not just the software we utilize as tools but the structural landscape of human civilization.

Fantastic architecture book

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