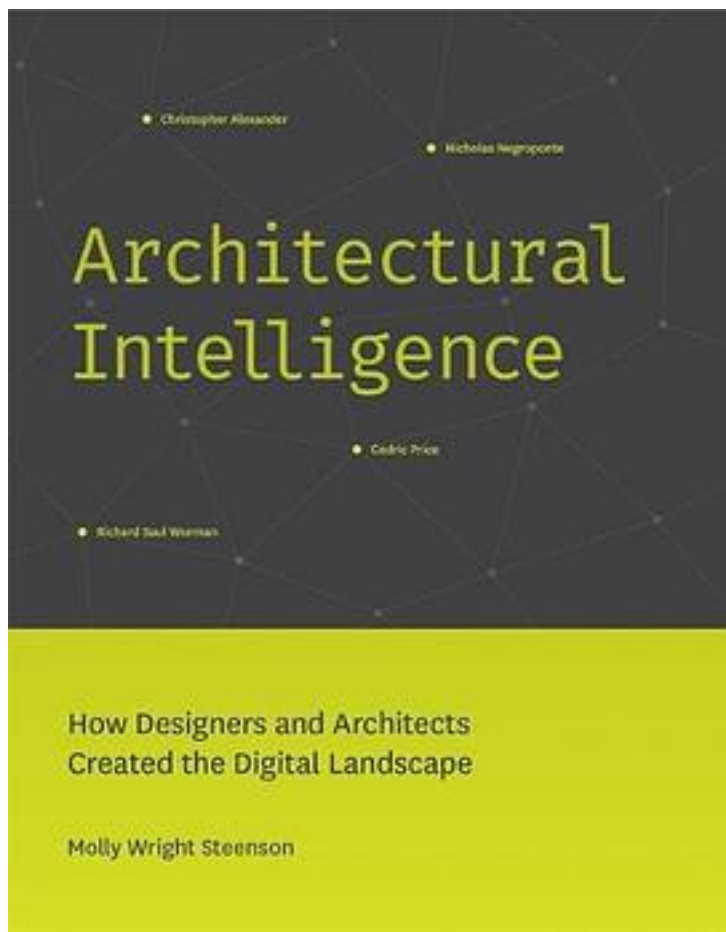


Architectural Intelligence



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著者:Molly Wright Steenson

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Architects who engaged with cybernetics, artificial intelligence, and other technologies poured the foundation for digital interactivity.

In Architectural Intelligence, Molly Wright Steenson explores the work of four architects in the 1960s and 1970s who incorporated elements of interactivity into their work. Christopher Alexander, Richard Saul Wurman, Cedric Price, and Nicholas Negroponte and the MIT Architecture Machine Group all incorporated technologies -- including cybernetics and artificial intelligence -- into their work and influenced digital design practices from the late 1980s to the present day.

Alexander, long before his famous 1977 book A Pattern Language, used computation and structure to visualize design problems; Wurman popularized the notion of "information architecture"; Price designed some of the first intelligent buildings; and Negroponte experimented with the ways people experience artificial intelligence, even at architectural scale. Steenson investigates how these architects pushed the boundaries of architecture -- and how their technological experiments pushed the boundaries of technology. What did computational, cybernetic, and artificial intelligence researchers have to gain by engaging with architects and architectural problems? And what was this new space that emerged within these collaborations? At times, Steenson writes, the architects in this book characterized themselves as anti-architects and their work as anti-architecture. The projects Steenson examines mostly did not result in constructed buildings, but rather in design processes and tools, computer programs, interfaces, digital environments. Alexander, Wurman, Price, and Negroponte laid the foundation for many of our contemporary interactive practices, from information architecture to interaction design, from machine learning to smart cities.

作者介绍:

目录:

[Architectural Intelligence_ 下载链接1](#)

标签

人工智能

軟件設計

架構

建筑

Design

评论

从亚历山大开始梳理，把建筑智能化这条线6070年代第一波人工智能浪潮时候的探索梳理的很清楚。主要是美国东西海岸和英国的几个学校。

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书评

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