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Love of Technology or The Technical Infiltration of Space

Abstract

This paper attempts to analyze the effects of technology on space, especially architectural space. Technology in relation to architecture is generally considered as something passive, like building engineering that enables the material construction of a building or as passive house technology supporting the building. The original creative drive in the moment of creating and shaping space is attributed to architecture and independent, freely operating human beings.

However, architecture itself is at the same time a „technology“ with its methods of designing and defining space. Now the boundaries set by architecture, the tools for the control of space, are being called into question. In the simplest case data are beginning to shape space by suggesting a way. In the course of constantly optimizing and evaluating our actions, algorithms and the mass of everyday data determine the positioning of objects in space and consequently also the building space required. The increasingly technical takeover of space, in particular the trend towards “datification“ and digitalization, is changing and infiltrating on different levels the spacial concepts and technical practices of architecture.

Keywords

Architecture, Datafication, Digitalization, Space, Technology.