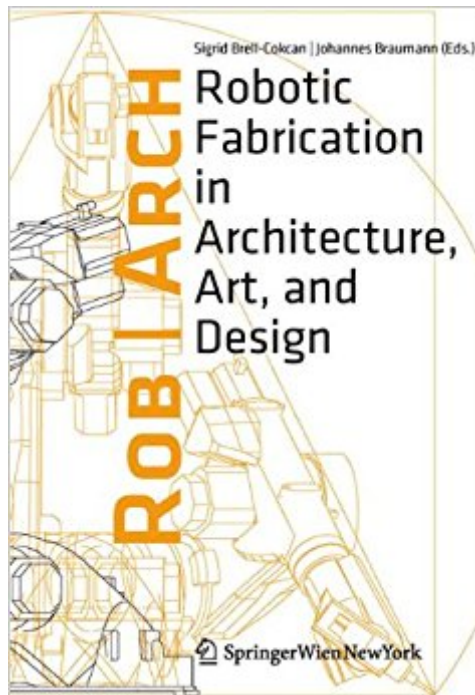




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Rob|Arch 2012: Robotic Fabrication In Architecture, Art And Design



Synopsis

This volume collects about 20 contributions on the topic of robotic construction methods. It is a proceedings volume of the robarch2012 symposium and workshop, which will take place in December 2012 in Vienna. Contributions will explore the current status quo in industry, science and practitioners. The symposium will be held as a biennial event. This book is to be the first of the series, comprising the current status of robotics in architecture, art and design.

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Customer Reviews

On the latest developments of robotic work processes in the fields of architectural construction
--This text refers to the Paperback edition.

Architects, artists, and designers have been fascinated by robots for many decades, from Villemardâ™s utopian vision of an architect building a house with robotic labor in 1910, to the design of buildings that are robots themselves, such as Archigramâ™s Walking City. Today, they are again approaching the topic of robotic fabrication but this time employing a different strategy: instead of utopian proposals like Archigramâ™s or the highly specialized robots that were used by Japanâ™s construction industry in the 1990s, the current focus of architectural robotics is on industrial robots. These robotic arms have six degrees of freedom and are widely used in industry, especially for automotive production lines. What makes robotic arms so interesting for the creative

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