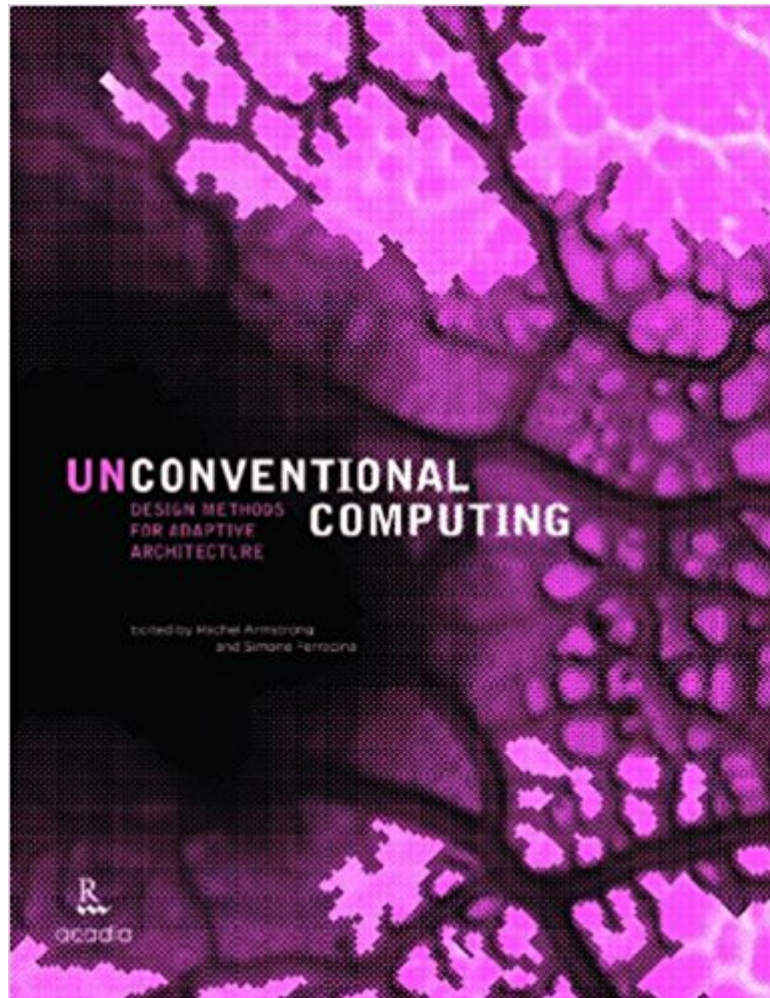




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Unconventional Computing: Design Methods For Adaptive Architecture



Synopsis

Unconventional Computing: Design Methods for Adaptive Architecture is an exploration of the emerging terrain of negotiated acts of co-design between humans, nonhumans and matter, where spatial programs are regarded as acts of persuasion, cooperation and symbiosis. These acts of design and production are not at odds with nature but are seamlessly entwined with its processes. Unconventional computing offers a platform where information and matter are coupled. Rather than being an afterthought to geometry in the design process, materials can participate directly in design solutions. The book aims to expand tools and approaches for responsive and adaptable methods of architectural design and production. Contributors from the fields of science, design and computation suggest that unconventional computing can be a synergetic practice that integrates established methods including parametrics, digital prototyping, landscape design and cybernetics. The convergence of these methods produce potent possibilities for emerging material practices.

Book Information

Paperback: 224 pages

Publisher: Riverside Architectural Press / ABC Art Books Canada; First edition (November 1, 2013)

Language: English

ISBN-10: 1926724240

ISBN-13: 978-1926724249

Product Dimensions: 0.5 x 8.5 x 11 inches

Shipping Weight: 1.4 pounds (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 stars 1 customer review

Best Sellers Rank: #790,375 in Books (See Top 100 in Books) #337 in Books > Engineering & Transportation > Engineering > Reference > Architecture > Methods & Materials #594 in Books > Computers & Technology > Graphics & Design > CAD #924 in Books > Computers & Technology > Graphics & Design > Computer Modelling

Customer Reviews

Rachel Armstrong is a Senior TED Fellow and Co-Director of AVATAR (Advanced Virtual and Technological Architectural Research) at University of Greenwich, London. Simone Ferracina is an architectural designer with an interest in cybernetics and immersive environments.

Very interesting book.https://www..ca/gp/product/1926724240?*Version*=1&*entries*=0

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