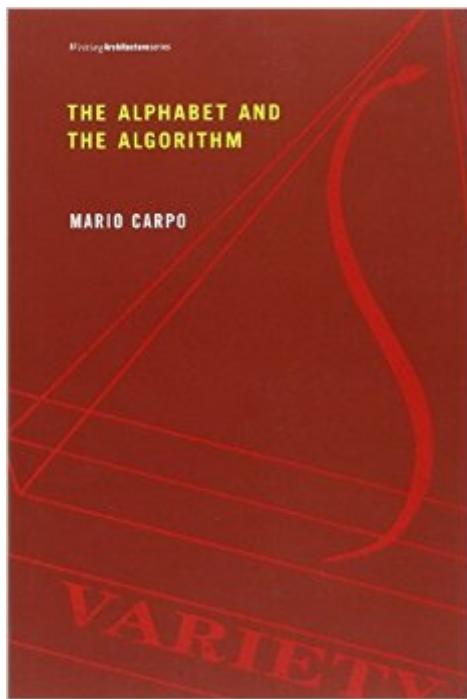


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The Alphabet And The Algorithm (Writing Architecture)



Synopsis

Digital technologies have changed architecture--the way it is taught, practiced, managed, and regulated. But if the digital has created a "paradigm shift" for architecture, which paradigm is shifting? In *The Alphabet and the Algorithm*, Mario Carpo points to one key practice of modernity: the making of identical copies. Carpo highlights two examples of identically crucial to the shaping of architectural modernity: in the fifteenth century, Leon Battista Alberti's invention of architectural design, according to which a building is an identical copy of the architect's design; and, in the nineteenth and twentieth centuries, the mass production of identical copies from mechanical master models, matrixes, imprints, or molds. The modern power of the identical, Carpo argues, came to an end with the rise of digital technologies. Everything digital is variable. In architecture, this means the end of notational limitations, of mechanical standardization, and of the Albertian, authorial way of building by design. Charting the rise and fall of the paradigm of identically, Carpo compares new forms of postindustrial digital craftsmanship to hand-making and the cultures and technologies of variations that existed before the coming of machine-made, identical copies. Carpo reviews the unfolding of digitally based design and construction from the early 1990s to the present, and suggests a new agenda for architecture in an age of variable objects and of generic and participatory authorship.

Book Information

Series: Writing Architecture

Paperback: 184 pages

Publisher: The MIT Press; 1 edition (February 4, 2011)

Language: English

ISBN-10: 0262515806

ISBN-13: 978-0262515801

Product Dimensions: 5.4 x 0.4 x 8 inches

Shipping Weight: 10.4 ounces

Average Customer Review: 5.0 out of 5 stars See all reviews (4 customer reviews)

Best Sellers Rank: #330,799 in Books (See Top 100 in Books) #85 in Books > Engineering & Transportation > Engineering > Reference > Architecture > Study & Teaching #185 in Books > Arts & Photography > Architecture > Criticism #530 in Books > Arts & Photography > Architecture > Drafting & Presentation

Customer Reviews

for those who are looking for a primer or a graphic based algorithmic design book, this is not for those buyers. this book has a grounded theoretical approach onto how its read, and I found it effective for academic readers. its content goes through, in a thorough, manner different point of views of digital design and its precedents, and is an easy reason due to its short and concise manner. this book should be suggested for most academic syllabi for students to understand how algorithmic design comes into play within digital architectures. Overall: A-

One of the best book I have ever read.

Excellent copy and shipped fast. This is one of the books that I have been waiting to read. clean book.

Excellent book to introduce students and architects do the conceptual changes brought by the digital revolution to architecture.

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