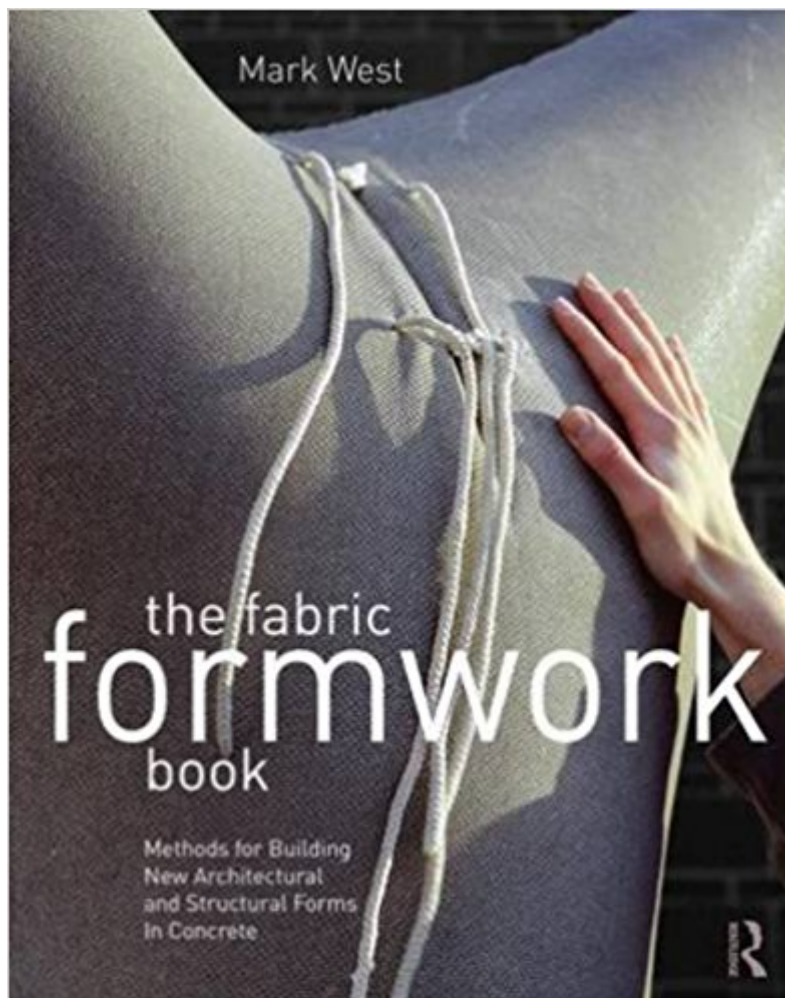




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The Fabric Formwork Book: Methods For Building New Architectural And Structural Forms In Concrete



Synopsis

Concrete is the most used man-made material in the world and is the fundamental physical medium for most of the world's architecture and construction. The character of concrete is largely the product of the rigid moulds that have shaped it since its invention in antiquity. The advent of flexible moulds, however, marks a radical break from conventional practice – and conventional concrete architecture. The Fabric Formwork Book provides the first comprehensive handbook on the emerging technology of flexible moulds for reinforced concrete architecture. Written by the foremost expert in the field, this book takes a comprehensive and generous approach that includes technical, historical and theoretical aspects of the subject. The book: concentrates on simple flat-sheet formworks contains detailed technical descriptions of how to construct a wide range of formworks for various applications features case studies from around the world critiques the difficulties and advantages in each case it covers provides instruction and guidance on how to model and design fabric-formed structures includes the most comprehensive history of fabric formwork yet published features essays from guest expert authors, which explore the theoretical, historical, and poetic significance of flexibly formed architecture and structures discusses fabric formwork as an exemplary approach to sustainable construction through its simplicity and efficiency. Beautifully designed and illustrated with a superb range of images, diagrams and technical drawings, the book both informs and inspires. Speaking directly and plainly to professionals, students and academics, the language used is both clear and precise, and care is taken to avoid opaque technical or academic jargon. Technical terms, when used, are clearly described and a special glossary is included to make the book as widely accessible as possible.

Book Information

Paperback: 318 pages

Publisher: Routledge; 1 edition (October 20, 2016)

Language: English

ISBN-10: 0415748860

ISBN-13: 978-0415748865

Product Dimensions: 1 x 8.5 x 10.8 inches

Shipping Weight: 2.6 pounds (View shipping rates and policies)

Average Customer Review: 3.0 out of 5 stars 2 customer reviews

Best Sellers Rank: #952,185 in Books (See Top 100 in Books) #94 in Books > Engineering & Transportation > Engineering > Materials & Material Science > Concrete #248 in Books > Arts &

Customer Reviews

Mark West is an artist, builder, professor of architecture, and inventor of numerous flexible mould techniques for concrete construction. He was the founding Director of the Centre for Architectural Structures and Technology (CAST) at the University of Manitoba, and is currently a visiting professor at the Massachusetts Institute of Technology, as well as teaching at other schools of architecture and engineering internationally.

An expensive coffee table book. It was very difficult to read the book without thinking who ever wrote/edited the book had a very short attention span. Just my opinion. If you are looking for a technical book on fabric formwork, please read this short quote from the description "explore the theoretical, historical, and poetic significance" and that may give you an idea of what the book is mostly about. If you think you might like the idea of "poetic significance", then, you might like this book much more than my rating suggests.

Complex and lost in time.

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