

Dade-Robertson

Living Construction

Modern biotechnologies give us unprecedented control of the fundamental building blocks of life. For designers, across a range of disciplines, emerging fields such as synthetic biology offer the promise of new sustainable materials and structures which may be grown, are self-assembling, self-healing and adaptable to change. While there is a thriving speculative discourse on the future of design in the age of biotechnology, there are few realized design applications. This book, the first in the Bio Design series, acts as a bridge between design speculation and scientific reality and between contemporary design thinking, in areas such as architecture, product design and fashion design, and the traditional engineering approaches which currently dominate biotechnologies. Filled with real examples, Living Construction reveals how living cells construct and transform materials through methods of fabrication and assembly at multiple scales and how designers can utilize these processes.



143,50 €

134,11 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9781138363014

Medium: Buch

ISBN: 978-1-138-36301-4

Verlag: Taylor & Francis Ltd

Erscheinungstermin: 29.10.2020

Sprache(n): Englisch

Auflage: 1. Auflage 2020

Serie: Bio Design

Produktform: Gebunden

Gewicht: 345 g

Seiten: 122

Format (B x H): 129 x 198 mm

