Record Nr. UNINA9910795524403321 Autore Armstrong Rachel <1966-> Titolo Soft living architecture: an alternative view of bio-informed practice // Rachel Armstrong New York:,: Bloomsbury Academic, An imprint of Bloomsbury Pubbl/distr/stampa Publishing Plc, , 2018 **ISBN** 1-350-01134-7 1-350-01136-3 1-350-01133-9 Descrizione fisica 1 online resource 720/.4 Disciplina Soggetti Architecture and biology Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Compliant with Level AA of the Web Content Accessibility Guidelines. Note generali Content is displayed as HTML full text which can easily be resized or read with assistive technology, with mark-up that allows screen readers and keyboard-only users to navigate easily. Includes bibliographical references. Nota di bibliografia PART I: THEORY -- 1. The nature of nature -- 2. Experimental Nota di contenuto architecture -- 3. Natural computing in practice -- 4. Aesthetics, ethics and values -- PART II: PRACTICE -- 5. Architectural experiments - an expose of method -- 6. Projects -- 7. Designing nature -- References -- Index. Sommario/riassunto "Soft Living Architecture explores the invention of new architectures based on living processes. It crafts a unique intersection between two fast-developing disciplines: biomimicry and biodesign in architecture, and bioinformatics and natural computing in the natural sciences. This is the first book to examine both the theory and methodology of architecture and design working directly with the natural world. It explores a range of approaches from the use of life-like systems in building design to the employment of actual growing and living cell and tissue cultures as architectural materials - creating architecture that can change, learn and grow with us. The use of 'living architecture' is cutting-edge and speculative, yet it is also inspiring a growing number

of designers worldwide to adopt alternative perspectives on

sustainability and environmental design. The book examines the ethical

and theoretical issues arising alongside case-studies of experimental practice, to explore what we mean by 'natural' in the Anthropocene, and raise deep questions about the nature of design and the design of nature. This provocative and at times controversial book shows why it will become ever more necessary to embrace living processes in architecture if we are to thrive in a sustainable future."--Bloomsbury Publishing.