1. Record Nr. UNISA990001405260203316

Autore	BUCHMANN, Jean
Titolo	L'Afrique Noire Indipendante / Jean Buchmann
Pubbl/distr/stampa	Paris, : Pichon & Durand-Auzias, 1962
Descrizione fisica	436 p. ; 19 cm
Collocazione	X.3.B. 3201(VI Ps D 36)
Lingua di pubblicazione	Francese
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNINA9910298595003321

Autore	Bengisu Murat
Titolo	Materials that Move : Smart Materials, Intelligent Design / / by Murat Bengisu, Marinella Ferrara
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2018
ISBN	3-319-76889-1
Edizione	[1st ed. 2018.]
Descrizione fisica	1 online resource (147 pages)
Collana	PoliMI SpringerBriefs, , 2282-2577
Disciplina	620.192
Soggetti	Materials—Surfaces Thin films Chemical engineering Engineering—Materials Electrochemistry Surfaces and Interfaces, Thin Films Industrial Chemistry/Chemical Engineering Materials Engineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

Nota di contenuto	Introduction -- Materials that Move -- Shape shifting in nature -- Manufacturing and Processes Related to Shape Memory Materials and Products -- Materials that Move for Intelligent Design -- Technical Applications of Shape Memory Materials -- Case Studies.
Sommario/riassunto	This book presents a design-driven investigation into smart materials developed by chemists, physicists, materials and chemical engineers, and applied by designers to consumer products, buildings, interfaces, or textiles. Introducing a class of smart materials (referred to as stimuli-responsive, morphing or kinetic materials) that move and change their shape in response to stimuli, the book presents their characteristics, advantages, potentials, as well as the difficulties involved in their application. The book also presents a large number of case studies on products, projects, concepts, and experiments employing smart materials, thus mapping out new design territories for these innovative materials. The case studies involve different fields of design, including product, interior, fashion, and communication design. Reflecting the growing demand for sustainable and human-centered design agendas, the book explores and reveals the role and influence of these new materials and technologies on design and human experience, and discusses how they can be used to redefine our objects and spaces so as to promote more resilient environments. The book offers an intriguing and valuable resource for design professionals, engineers, scientists and students alike. .