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Descrizione fisica	1 online resource (439 pages)
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Sommario/riassunto	The ability for a material to change properties in response to external stimuli is an attractive feature for numerous applications and as such stimuli responsive materials are gaining attention across many different fields. This book introduces the concepts of stimuli-responsiveness, including the fundamental materials properties required for design. It provides readers with comprehensive scientific principles and developments of stimuli responsive materials, as well as the recent technological advances. Written by a renowned expert in the field, this book is suitable for anyone interested in stimuli responsive materials working in polymers, biochemistry, biotechnology and materials science.