1.	Record Nr.	UNINA9910820550803321
	Titolo	Pattern : ornament, structure, and behavior / / edited by Andrea Gleiniger and Georg Vrachliotis
	Pubbl/distr/stampa	Basel ; ; Boston, : Birkhauser, c2009
	ISBN	3-0346-0887-X
	Edizione	[1st ed.]
	Descrizione fisica	1 online resource (108 p.)
	Collana	Context architecture
	Altri autori (Persone)	GleinigerAndrea VrachliotisGeorg
	Disciplina	745.4 729.01
	Soggetti	Architecture Repetitive patterns (Decorative arts) Architecture - Philosophy
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Description based upon print version of record.
	Nota di bibliografia	Includes bibliographical references.
	Nota di contenuto	Front matter -- Inhalt -- EDITORIAL / Gleiniger, Andrea / Vrachliotis, Georg -- NEW PATTERNS? OLD PATTERNS? - ON THE EMOTIONAL APPEAL OF ORNAMENT / Gleiniger, Andrea -- "AND IT WAS OUT OF THAT THAT I BEGAN DREAMING ABOUT PATTERNS..." ON THINKING IN STRUCTURES, DESIGNING WITH PATTERNS, AND THE DESIRE FOR BEAUTY AND MEANING IN ARCHITECTURE / Vrachliotis, Georg -- ARCHITECTURAL ALGORITHMS AND THE RENAISSANCE OF THE DESIGN PATTERN / Scheurer, Fabian -- WAYFINDING STRATEGIES AND BEHAVIORAL PATTERNS IN BUILT SPACES / Hölscher, Christoph -- PATTERNS IN THE BRAIN NEUROSCIENTIFIC NOTES ON THE PATTERN CONCEPT / Christen, Markus -- REGULAR IRREGULAR - ON THE FLEETING QUALITY OF PATTERN IN CONTEMPORARY MUSIC / Mundry, Isabel -- SELECTED LITERATURE -- ILLUSTRATION CREDITS -- BIOGRAPHIES
	Sommario/riassunto	As models and paradigms, patterns have been helping to orient architects since the Middle Ages. But patterns are also the basis of the history of ornament, an aesthetic phenomenon that links all times and cultures at a fundamental level. Ornament - and hence pattern as well - was abolished by the avant-garde in the first half of the twentieth

century, but the notion of pattern has taken on new meaning and importance since the 1960's. Complexity research has ultimately shown that even highly complex, dynamic patterns may be based on simple behavioral rules, and that has allowed the notions of pattern and pattern formation to take on new meanings, that are also central for architecture. Today the use of generative computerized methods is opening up new ways of talking about an idea that is becoming increasingly abstract and dynamic. Pattern explores the question: what are the notions of pattern that must be discussed in the context of contemporary architecture?

Complex patterns are founded on simple rules. Pattern and pattern formation are of new, important significance as the fundamental principles of systematization and description of very complex processes and phenomena. Which idea of pattern has to be used in the architectural discourse today?