1.	Record Nr.	UNINA9910483066803321
	Titolo	Architecting dependable systems III / / Rogerio de Lemos, Cristina Gacek, Alexander Romanovsky (eds.)
	Pubbl/distr/stampa	Berlin, : Springer, 2005
	Edizione	[1st ed. 2005.]
	Descrizione fisica	1 online resource (XIV, 343 p.)
	Collana	Lecture notes in computer science, , 0302-9743 ; ; 3549
	Altri autori (Persone)	LemosRogerio de <1961-> GacekCristina <1964-> RomanovskyAlexander <1954->
	Disciplina	004.2/2
	Soggetti	Computer architecture Computer systems - Reliability Fault-tolerant computing
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Bibliographic Level Mode of Issuance: Monograph
	Nota di bibliografia	Includes bibliographical references and index.
	Nota di contenuto	pt. 1. Architectures for dependable services -- pt. 2. Monitoring and reconfiguration in software architectures -- pt. 3. Dependability support for software architectures -- pt. 4. Architectural evaluation -- pt. 5. Architectural abstractions for dependability.
	Sommario/riassunto	As software systems become ubiquitous, the issues of dependability become more and more crucial. Given that solutions to these issues must be considered from the very beginning of the design process, it is reasonable that dependability is addressed at the architectural level. This book comes as a result of an effort to bring together the research communities of software architectures and dependability. This state-of-the-art survey contains 16 carefully selected papers originating from the Twin Workshops on Architecting Dependable Systems (WADS 2004) accomplished as part of the International Conference on Software Engineering (ICSE 2004) in Edinburgh, UK and of the International Conference on Dependable Systems and Networks (DSN 2004) in Florence, Italy. The papers are organised in topical sections on architectures for dependable services, monitoring and reconfiguration in software architectures, dependability support for software architectures, architectural evaluation, and architectural abstractions

for dependability.