1.	Record Nr.	UNINA9910484122403321
	Titolo	Dependable systems : software, computing, networks : research results of the DICS program / / Jurg Kohlas, Bertrand Meyer, Andre Schiper (eds.)
	Pubbl/distr/stampa	Berlin, : Springer, 2006
	ISBN	3-540-36823-X
	Edizione	[1st ed. 2006.]
	Descrizione fisica	1 online resource (XII, 295 p.)
	Collana	Lecture notes in computer science, , 0302-9743 ; ; 4028 LNCS sublibrary. SL 2, Programming and software engineering
	Altri autori (Persone)	KohlasJurg <1939-> MeyerBertrand <1950-> SchiperAndre <1949->
	Disciplina	005.3
	Soggetti	Computer software - Reliability - Research Computer systems - Reliability - Research Computer networks - Reliability - Research
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Contributions to a research program on Dependable Information and Communications Systems (DICS) sponsored by the Hasler Foundation.
	Nota di bibliografia	Includes bibliographical references and index.
	Nota di contenuto	Surveys -- Dependable software -- Dependable computing -- Dependable networks.
	Sommario/riassunto	Modern civilization relies on a functioning information infrastructure. As a result, dependability has become a central issue in all disciplines of systems engineering and software architecture.Theories, methods and tools that help to master the problems encountered in the design process and the management of operations are therefore of utmost importance for the future of information and communication technology. The present volume documents the results of a research program on Dependable Information and Communication Systems (DICS). The members of the project met in two workshops organized by the Hasler Foundation. This state-of-the-art survey contains 3 overview articles identifying major issues of dependability and presenting the latest solutions, as well as 10 carefully selected and revised papers depicting the research results originating from those workshops. The first workshop took place in Münchenwiler,

Switzerland, in March 2004, and the second workshop, which marked the conclusion of the projects, in Löwenberg, Switzerland, in October 2005. The papers are organized in topical sections on surveys, dependable software, dependable computing, and dependable networks.