1.	Record Nr.	UNINA9910702054603321
	Titolo	Implementing the Animal Health Safeguarding Review [[electronic resource]] : summer 2005 status report
	Pubbl/distr/stampa	[Riverdale, Md.] : , : U.S. Dept. of Agriculture, Animal and Plant Health Inspection Service, , [2005]
	Descrizione fisica	1 online resource (20 unnumbered pages) : color illustrations
	Collana	Program aid ; ; no. 1845
	Soggetti	Animal health - United States
		Animal health - Law and legislation - United States
		Animal products - United States
		Smuggling - Law and legislation - United States
		Fines (Penalties) - United States
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Title from title screen (viewed on Sept. 20, 2012).
		"Issued October 2005"--P. [19].

2.	Record Nr.	UNINA9910437574703321
	Autore	Bernardi Simona
	Titolo	Model-Driven Dependability Assessment of Software Systems / / by Simona Bernardi, José Merseguer, Dorina Corina Petriu
	Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2013
	ISBN	9783642395123 3642395120
	Edizione	[1st ed. 2013.]
	Descrizione fisica	1 online resource (xvi, 187 pages) : illustrations (some color)
	Collana	Gale eBooks
	Disciplina	004.0151 005.10285
	Soggetti	Software engineering Computer science Electronic digital computers - Evaluation Software Engineering Theory of Computation System Performance and Evaluation
	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 and index.
	Nota di contenuto	1 Dependability Assessment and Software Life-cycle -- 2 Dependability Concepts -- 3 Software models -- 4 Dependability Domain Model -- 5 Dependability Modeling and Analysis Profile -- 6 Dependability Analysis Techniques -- 7 Proposals for Dependability Assessment -- 8 From Software Models to Dependability Analysis Models -- 9 Conclusions and Advanced Open Issues -- A The MARTE profile -- B Classes in the dependability domain model.
	Sommario/riassunto	Over the last two decades, a major challenge for researchers working on modeling and evaluation of computer-based systems has been the assessment of system Non Functional Properties (NFP) such as performance, scalability, dependability and security. In this book, the authors present cutting-edge model-driven techniques for modeling and analysis of software dependability. Most of them are based on the use of UML as software specification language. From the software system specification point of view, such techniques exploit the

standard extension mechanisms of UML (i.e., UML profiling). UML profiles enable software engineers to add non-functional properties to the software model, in addition to the functional ones. The authors detail the state of the art on UML profile proposals for dependability specification and rigorously describe the trade-off they accomplish. The focus is mainly on RAMS (reliability, availability, maintainability and safety) properties. Among the existing profiles, they emphasize the DAM (Dependability Analysis and Modeling) profile, which attempts to unify, under a common umbrella, the previous UML profiles from literature, providing capabilities for dependability specification and analysis. In addition, they describe two prominent model-to-model transformation techniques, which support the generation of the analysis model and allow for further assessment of different RAMS properties. Case studies from different domains are also presented, in order to provide practitioners with examples of how to apply the aforementioned techniques.   Researchers and students will learn basic dependability concepts and how to model them using UML and its extensions. They will alsogain insights into dependability analysis techniques through the use of appropriate modeling formalisms as well as of model-to-model transformation techniques for deriving dependability analysis models from UML specifications. Moreover, software practitioners will find a unified framework for the specification of dependability requirements and properties of UML, and will benefit from the detailed case studies.