1.	Record Nr.	UNISA996199679903316
	Titolo	Testing Software and Systems [[electronic resource]] : 26th IFIP WG 6.1 International Conference, ICTSS 2014, Madrid, Spain, September 23-25, 2014. Proceedings / / edited by Mercedes G. Merayo, Edgardo Montes de Oca
	Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2014
	ISBN	3-662-44857-2
	Edizione	[1st ed. 2014.]
	Descrizione fisica	1 online resource (XIV, 211 p. 63 illus.)
	Collana	Programming and Software Engineering ; ; 8763
	Disciplina	005.14
	Soggetti	Software engineering
		Computer communication systems
		Programming languages (Electronic computers)
		Special purpose computers
		Computer logic
		Management information systems
		Computer science
		Software Engineering
		Computer Communication Networks
		Programming Languages, Compilers, Interpreters
		Special Purpose and Application-Based Systems
		Logics and Meanings of Programs
		Management of Computing and Information Systems
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Bibliographic Level Mode of Issuance: Monograph
	Nota di contenuto	Testing Methodologies -- A Framework for Genetic Test-Case Generation for WS-BPEL Compositions -- Evaluating Normalization Functions with Search Algorithms for Solving OCL Constraints -- Lookahead-Based Approaches for Minimizing Adaptive Distinguishing Sequences -- Plan It! Automated Security Testing Based on Planning -- Minimum Number of Test Paths for Prime Path and Other Structural Coverage Criteria -- Tools and Frameworks -- An Approach to Derive

Usage Models Variants for Model-Based Testing -- AUTSEG: Automatic Test Set Generator for Embedded Reactive Systems -- Well-Defined Coverage Metrics for the Glass Box Test -- Industrial Experiences -- Cutting Time-to-Market by Adopting Automated Regression Testing in a Simulated Environment -- Testing Robotized Paint System Using Constraint Programming: An Industrial Case Study -- What Characterizes a Good Software Tester? – A Survey in Four Norwegian Companies -- Short Contributions -- A Customizable Monitoring Infrastructure for Hardware/Software Embedded Systems -- Towards Testing Self-organizing, Adaptive Systems -- Design of Prioritized N-Wise Testing -- Change Detection System for the Maintenance of Automated Testing -- On Code Coverage of Extended FSM Based Test Suites: An Initial Assessment -- Search-Based Testing for Embedded Telecom Software with Complex Input Structures.

Sommario/riassunto	This book constitutes the refereed proceedings of the 26th IFIP WG 6.1 International Conference on Testing Software and Systems, ICTSS 2014, held in Istanbul, Turkey, in September 2014. The 11 revised full papers presented together with 6 short papers were carefully selected from 36 submissions. The scope of the conference was on following topics: testing methodologies, tools and frameworks, and industrial experiences.