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Nota di contenuto	Preface; CONTENTS; 1. Prioritizing Coverage-Oriented Testing Process - An Adaptive-Learning-Based Approach and Case Study Fevzi Belli, Mubariz Eminov, Nida Gokce and W. Eric Wong; 1. Introduction and Related Work; 2. Background; 2.1. Event Sequence Graphs; 2.2. Neural Network-Based Clustering; 3. Competitive Learning; 3.1. Distance-Based Competitive Learning Algorithm; 3.2. Angle-Based Competitive Learning Algorithm; 3.3. Adaptive Competitive Learning; Adaptive Competitive Learning Algorithm; 4. Prioritized ESG-Based Testing; 4.1. Definition of the Attributes of Events 4.2. Definition of Importance Degree and Preference Indirect Determination of the Preference Degree; 5. A Case Study; 5.1. Derivation of the Test Cases; 5.2. Determination of Attributes of Events; 5.3. Construction of the Groups of Events; 5.4. Indirect Determination of Preference Degrees; 6. Conclusions and Future Work; References; 2. Statistical Evaluation Methods for V&V of Neuro-Adaptive Systems Y. Liu, J. Schumann and B. Cukic; 1. Introduction; 2. V&V of Neuro-Adaptive Systems; 2.1. Static V&V Approaches; 2.2. Dynamic V&V Approaches; 2.3. V&V of Neural Networks

3. Statistical Evaluation of Neuro-Adaptive Systems
3.1. Neural Network-Based Flight Control; 3.2. The Neural Networks; 3.2.1. Dynamic Cell Structure Network; 3.2.2. Sigma-Pi Neural Network; 3.3. Failure Detection Using Support Vector Data Description; 3.4. Evaluating Network's Learning Performance; 3.4.1. A Sensitivity Metric for DCS Networks; 3.4.2. A Sensitivity Metric for Sigma-Pi Networks; 3.5. Evaluating the Network's Output Quality; 3.5.1. Validity Index for DCS Networks; 3.5.2. Bayesian Confidence Tool for Sigma-Pi Networks; 4. Conclusions; References

3. Adaptive Random Testing Dave Towey
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5. Rule Extraction to Understand Changes in an Adaptive System
Marjorie A. Darrah and Brian J. Taylor

Sommario/riassunto

This book focuses on the topic of improving software quality using adaptive control approaches. As software systems grow in complexity, some of the central challenges include their ability to self-manage and adapt at run time, responding to changing user needs and environments, faults, and vulnerabilities. Control theory approaches presented in the book provide some of the answers to these challenges. The book weaves together diverse research topics (such as requirements engineering, software development processes, pervasive and autonomic computing, service-oriented architectures, on-line adaptation of software behavior, testing and QoS control) into a coherent whole. Written by world-renowned experts, this book is truly a noteworthy and authoritative reference for students, researchers and practitioners to better understand how the adaptive control approach can be applied to improve the quality of software systems. Book chapters also outline future theoretical and experimental challenges for researchers in this area. -- back cover.

2. Record Nr.	UNISA996526271203316
Titolo	The booke of the common prayer, and administration of the sacraments, and other rites and ceremonies in the Church of England
Pubbl/distr/stampa	Imprinted at London, : By the deputies of Christopher Barker printer to the Queenss [sic] most excellent Maiestie., anno Dom. 1590
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Soggetti	Anglicanesimo - Preghiere
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Livello bibliografico	Monografia
Note generali	<p>"Cum priuilegio regiae maiestatis"</p> <p>Titolo entro cornice xilografica</p> <p>Imperfetto: macchiato e con stampa trasparente</p> <p>Note manoscritte</p> <p>"The Psalter o Psalms of Dauid" ha un frontespizio speciale e un registro separato.</p> <p>Riproduzione dell'originale in: Durham Cathedral. Library</p> <p>Altri autori di contributi: Barker, Christopher, 1529-1599</p>