

1. Record Nr.	UNINA9910356260403321
Autore	Canali, Ferruccio
Titolo	Paesaggi, città e monumenti di Salento e Terra d'Otranto tra Otto e Novecento : una piccola patria d'eccellenza, dalla conoscenza alla valutazione e alla tutela dei monumenti nei resoconti di letterati, viaggiatori, studiosi e funzionari / Ferruccio Canali, Virgilio C.Galati
Pubbl/distr/stampa	Firenze : Emmebi, 2017
ISBN	978-88-98019-53-3
Descrizione fisica	IX, 1173 p. : ill. ; 24 cm
Collana	ASUP : Annali di storia dell'urbanistica e del paesaggio ; 6-7
Altri autori (Persone)	Galati, Virgilio
Locazione	FARBC
Collocazione	REST B 416
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	In testa al frontespizio: Università degli studi Firenze, DIDA, Dipartimento di architettura

2. Record Nr.	UNINA9910427674703321
Autore	Rocha da Rosa Felipe
Titolo	Soft error reliability using virtual platforms : early evaluation of multicore systems / / Felipe Rocha da Rosa, Luciano Ost and Ricardo Reis
Pubbl/distr/stampa	Cham, Switzerland : , : Springer, , [2020] Â©2020
ISBN	3-030-55704-9
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (XI, 136 p. 53 illus., 51 illus. in color.)
Disciplina	621.3815
Soggetti	Processor Architectures Electronics and Microelectronics, Instrumentation Circuits and Systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Chapter 1 . Introduction -- Chapter 2. Background on Soft Errors -- Chapter 3. Fault Injection Framework Using Virtual Platforms -- Chapter 4. Performance and Accuracy Assessment of Fault Injection Frameworks Based on VPs -- Chapter 5. Extensive Soft Error Evaluation -- Chapter 6. Machine Learning Applied to Soft Error Assessment in Multicoresystems.
Sommario/riassunto	This book describes the benefits and drawbacks inherent in the use of virtual platforms (VPs) to perform fast and early soft error assessment of multicore systems. The authors show that VPs provide engineers with appropriate means to investigate new and more efficient fault injection and mitigation techniques. Coverage also includes the use of machine learning techniques (e.g., linear regression) to speed-up the soft error evaluation process by pinpointing parameters (e.g., architectural) with the most substantial impact on the software stack dependability. This book provides valuable information and insight through more than 3 million individual scenarios and 2 million simulation-hours. Further, this book explores machine learning techniques usage to navigate large fault injection datasets. Describes the most suitable and efficient virtual platforms to include fault

injection capabilities, aiming to support the soft error analysis of state-of-the-art processor models; Includes analysis and port of several benchmarks from embedded and HPC domains, including the Rodinia and NASA NAS Parallel Benchmark (NPB) suites; Introduces four novel, non-intrusive FI techniques enabling software engineers to perform in-depth and relevant soft error evaluation, addressing the gap between the available FI tools and the industry requirements; Explores machine learning techniques that can be used to enable the identification of individual (or combinations of) microarchitectural and software parameters that present the most substantial relation relationship with each detected soft error or failure.
