1. Record Nr. UNINA9910364260403321

Autore	Engineering foundation conference on current practice and design criteria for urban quality control : <1988
Titolo	Design of urban runoff quality controls : proceedings of an Engineering foundation conference on Current practice and design criteria for urban quality control : Trout Lodge, Potosi, Missouri, 1988 / organized by the Urban water resources research council of the technical council on research of the American society of engineers ; edited by Larry A. Roesner, Ben Urbonas and Michael B. Sonnen
Pubbl/distr/stampa	New York : American society of engineers, ©1989
ISBN	0872626954
Descrizione fisica	490 p. ; 22 cm.
Disciplina	628.21
Locazione	DINID
Collocazione	ID B/7-7bis
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNINA9910253971003321

Autore	Rehman Semeen
Titolo	Reliable Software for Unreliable Hardware : A Cross Layer Perspective / / by Semeen Rehman, Muhammad Shafique, Jörg Henkel
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2016
ISBN	3-319-25772-2
Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (259 p.)
Disciplina	620
Soggetti	Electronic circuits Microprocessors Electronics Microelectronics Circuits and Systems Processor Architectures Electronics and Microelectronics, Instrumentation
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.
Nota di contenuto	Introduction -- Background and Related Work -- Cross-Layer Reliability Analysis, Modeling, and Optimization -- Software Program-Level Reliability Modeling and Estimation -- Software Program-Level Reliability Optimization for Dependable Code Generation -- Dependable Code Execution using Reliability-Driven System Software.- Results and Discussion -- Summary and Conclusions.
Sommario/riassunto	This book describes novel software concepts to increase reliability under user-defined constraints. The authors' approach bridges, for the first time, the reliability gap between hardware and software. Readers will learn how to achieve increased soft error resilience on unreliable hardware, while exploiting the inherent error masking characteristics and error (stemming from soft errors, aging, and process variations) mitigations potential at different software layers. · Provides a comprehensive overview of reliability modeling and optimization techniques at different hardware and software levels; · Describes novel optimization techniques for software cross-layer reliability, targeting

unreliable hardware.