

1. Record Nr.	UNINA9910299490303321
Autore	Banerjee Amal
Titolo	SystemC and SystemC-AMS in Practice [[electronic resource] ] : SystemC 2.3, 2.2 and SystemC-AMS 1.0 / / by Amal Banerjee, Balmiki Sur
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2014
ISBN	3-319-01147-2
Edizione	[1st ed. 2014.]
Descrizione fisica	1 online resource (462 p.)
Disciplina	004.1 004.2 620 621.381
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 and index.
Nota di contenuto	Introduction to SystemC -- Downloading, Configuring, Installing and Starting with SystemC -- SystemC Simulation Kernel, Data Types, Communication Primitives Concurrency Control and Main Language Constructs -- Primitive Channels -- Concurrency Control -- Modelling Combinational Logic Circuits, Implicit Events, Primitive Communication Channels and Combinations -- Modelling Sequential Logic Circuits, Implicit Events, Primitive Channels and their Combinations -- Explicit SystemC Events -- Notify-Wait -- Hierarchical Combinational-Sequential System Design -- Introduction to SystemC-AMS -- Downloading, Installing and Getting Started with SystemC-AMS -- SystemC-AMS Formalisms, Data Types and Main Language Constructs -- Small Signal, Linear Domain and Hybrid Models -- Timed Data Flow (TDF) in Practice and Theory -- Linear Signal Flow (LSF) in Practice and

Theory -- Electrical Linear Networks (ELN) in Practice and Theory -- Real-World Electrical Linear Networks (ELN), Linear Signal Flow (LSF) and Timed Data Flow (TDF) Combinations -- SystemC-AMS and SystemC Combinations.

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## Sommario/riassunto

This book describes how engineers can make optimum use of the two industry standard analysis/design tools, SystemC and SystemC-AMS (SystemC 2.3, 2.2 and SystemC-AMS 1.0). The authors use a system-level design approach, emphasizing how SystemC and SystemC-AMS features can be exploited most effectively to analyze/understand a given electronic system and explore the design space. The approach taken by this book enables system engineers to concentrate on only those SystemC/SystemC-AMS features that apply to their particular problem, leading to more efficient design. The presentation includes numerous, realistic and complete examples, which are graded in levels of difficulty to illustrate how a variety of systems can be analyzed with these tools.

- Designed to meet the needs of system designers who need to find an effective/efficient solution in a reasonable period of time;
- Uses a “hands-on” approach to demonstrate design examples that are complete, realistic and graded in level of difficulty;
- Demonstrates the most effective use of SystemC/SystemC-AMS tool features, given a particular problem.

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2. Record Nr.	UNISA996389390703316
Autore	Collinges John <1623-1690.>
Titolo	Par nobile [[electronic resource] ] : two treatises, the one concerning the excellent woman, evincing a person fearing the Lord to be the most excellent person, discoursed more privately upon occasion of the death of the Right Honourable the Lady Frances Hobart late of Norwich, from Pro. 31, 29, 30, 31 : the other discovering a fountain of comfort and satisfaction to persons walking with God, yet living and dying without sensible consolations , discovered from Psal. 17, 15 at the funerals of the Right Honourable the Lady Katherine Courten, preached at Blicklin in the county of Norfolk, March 27, 1652 : with the narratives of the holy lives and deaths of those two noble sisters / / by J.C
Pubbl/distr/stampa	London, : [s.n.], 1669
Descrizione fisica	[12], 303 p
Altri autori (Persone)	CollingesJohn <1623-1690.>
Soggetti	Funeral sermons
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"The excellent woman": p. [1]-158. "Light in darkness": p. [161]-303. Reproduction of original in the Union Theological Seminary Library, New York.
Sommario/riassunto	eebo-0160