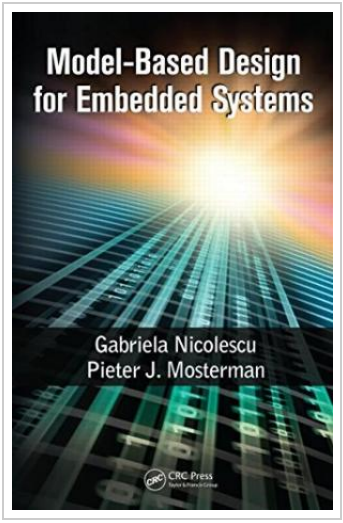

Model-Based Design for Embedded Systems (Hardback)

By Gabriela Nicolescu, Pieter J. Mosterman

Taylor Francis Inc, United States, 2009. Hardback. Condition: New. Language: English . Brand New Book. The demands of increasingly complex embedded systems and associated performance computations have resulted in the development of heterogeneous computing architectures that often integrate several types of processors, analog and digital electronic components, and mechanical and optical components-all on a single chip. As a result, now the most prominent challenge for the design automation community is to efficiently plan for such heterogeneity and to fully exploit its capabilities.A compilation of work from internationally renowned authors, Model-Based Design for Embedded Systems elaborates on related practices and addresses the main facets of heterogeneous model-based design for embedded systems, including the current state of the art, important challenges, and the latest trends. Focusing on computational models as the core design artifact, this book presents the cutting-edge results that have helped establish model-based design and continue to expand its parameters.The book is organized into three sections: Real-Time and Performance Analysis in Heterogeneous Embedded Systems, Design Tools and Methodology for Multiprocessor System-on-Chip, and Design Tools and Methodology for Multidomain Embedded Systems. The respective contributors share their considerable expertise on the automation of design refinement and how to relate properties throughout this...

Reviews

An extremely awesome publication with lucid and perfect explanations. It is actually writter in basic phrases rather than confusing. You will like how the writer publish this book.

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This book is great. it absolutely was writtern really perfectly and beneficial. You may like how the blogger compose this book.

-- ***Pink Haley***