1. Record Nr. UNINA9910463165103321

Autore	Reginster Jean-Yves
Titolo	Osteoporosis [[electronic resource]]
Pubbl/distr/stampa	London, : Future Medicine Ltd, 2013
ISBN	1-78084-168-X
Edizione	[1st ed.]
Descrizione fisica	1 online resource (88 p.)
Altri autori (Persone)	BruyereOlivier
Disciplina	616.716
Soggetti	Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di contenuto	Title page; Copyright page; Contents; Foreword. Osteoporosis; 1. Pathogenesis of osteoporosis; 2. Diagnosis of osteoporosis; 3. Nonmedical treatment of osteoporosis; 4. Pharmacological treatment of osteoporosis; 5. Preventing postmenopausal osteoporosis; Index
Sommario/riassunto	Osteoporosis is considered to be a major health issue in all developed countries, but recent years have seen improvements in understanding and management of the disorder. This work, authored by a team of international experts, explores the pathogenesis and diagnosis of disease, available treatments (pharmacological and non-medical) together with options for prevention.

2. Record Nr. UNINA9910299240303321

Titolo	Formal Modeling and Verification of Cyber-Physical Systems : 1st International Summer School on Methods and Tools for the Design of Digital Systems, Bremen, Germany, September 2015 / / edited by Rolf Drechsler, Ulrich Kühne
Pubbl/distr/stampa	Wiesbaden : , : Springer Fachmedien Wiesbaden : , : Imprint : Springer Vieweg, , 2015
ISBN	3-658-09994-1
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (324 p.)
Disciplina	003.3 004 621.3815 629.1 629.8
Soggetti	Computer architecture Computer hardware Computer simulation Electronic circuits Automatic control Robotics Mechatronics Aerospace engineering Astronautics Computer System Implementation Computer Hardware Simulation and Modeling Circuits and Systems Control, Robotics, Mechatronics Aerospace Technology and Astronautics
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 at the end of each chapters and index.

Nota di contenuto	Preface -- Verification of Embedded Real-time Systems -- MARTE/CCSL for Modeling Cyber-Physical Systems -- An Introduction to Hybrid Automata, Numerical Simulation and Reachability Analysis -- Model Checking and Model-Based Testing in the Railway Domain -- Modeling Unknown Values in Test and Verification -- Specification of Parametric Monitors: Quantified Event Automata versus Rule Systems -- Advances in Design Automation Techniques for Digital-Microfluidic Biochips -- Intuitive Interaction with Robots: Technical Approaches and Challenges -- Physical Safety in Robotics.
Sommario/riassunto	This book presents the lecture notes of the 1st Summer School on Methods and Tools for the Design of Digital Systems, 2015, held in Bremen, Germany. The topic of the summer school was devoted to modeling and verification of cyber-physical systems. This covers several aspects of the field, including hybrid systems and model checking, as well as applications in robotics and aerospace systems. The main chapters have been written by leading scientists, who present their field of research, each providing references to introductory material as well as latest scientific advances and future research directions. This is complemented by short papers submitted by the participating PhD students. The Contents - Preface - Verification of Embedded Real-time Systems - MARTE/CCSL for Modeling Cyber-Physical Systems - An Introduction to Hybrid Automata, Numerical Simulation and Reachability Analysis - Model Checking and Model-Based Testing in the Railway Domain - Modeling Unknown Values in Test and Verification - Specification of Parametric Monitors – Quantified Event Automata versus Rule Systems - Advances in Design Automation Techniques for Digital-Microfluidic Biochips - Intuitive Interaction with Robots – Technical Approaches and Challenges - Physical Safety in Robotics The Target Groups - Students and PhD students of computer science - Scientists and lecturers in computer science The Editors Rolf Drechsler is the head of the Group of Computer Architecture at the University of Bremen, Germany. Since 2011 he is also the director of the Cyber-Physical Systems group at the German Research Center for Artificial Intelligence (DFKI). His research interests include the development and design of data structures and algorithms with a focus on circuit and system design. Ulrich Kühne is working as research associate and scientific coordinator of the Graduate School System Design at the University of Bremen. His research interests are in hardware design and verification of hybrid systems.