

1. Record Nr.	UNISA996465943003316
Titolo	Life System Modeling and Intelligent Computing [[electronic resource]] : International Conference on Life System Modeling and Simulation, LSMS 2010, and International Conference on Intelligent Computing for Sustainable Energy and Environment, ICSEE 2010, Wuxi, China, September 17-20, 2010. Proceedings // edited by Kang Li, Li Jia, Xin Sun, Minrui Fei, George W. Irwin
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2010
ISBN	1-280-38880-3 9786613566720 3-642-15615-0
Edizione	[1st ed. 2010.]
Descrizione fisica	1 online resource (XVIII, 719 p. 305 illus.)
Collana	Lecture Notes in Bioinformatics ; ; 6330
Disciplina	570.285
Soggetti	Bioinformatics Life sciences Computers Algorithms Pattern recognition Computational Biology/Bioinformatics Life Sciences, general Theory of Computation Computation by Abstract Devices Algorithm Analysis and Problem Complexity Pattern Recognition
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	International conference proceedings.
Nota di bibliografia	Includes bibliographical references and author index.
Nota di contenuto	The First Section: Biomedical Signal Processing, Speech, Imaging and Visualization -- The Second Section: Biological and Biomedical Data Integration, Mining and Visualization -- The Third Section: Computational Intelligence in Bioinformatics and Biometrics -- The Fourth Section: Computational Methods and Intelligence in Modeling

Molecular, Cellular and Multi-cellular behavior and Dynamics -- The Fifth Section: Intelligent Modeling, Monitoring, and Control of Complex Nonlinear Systems -- The Sixth Section: Intelligent Medical Apparatus and Clinical Applications -- The Seventh Section: Modeling and Simulation of Societies and Collective Behavior -- The Eighth Section: Brain Stimulation, Neural Dynamics and Neural Interfacing -- The Ninth Section: Intelligent Construction and Energy Saving Techniques for Sustainable and Green Built Environment -- The Tenth Section: Intelligent Water Treatment and Waste Management Technologies.

Sommario/riassunto

The 2010 International Conference on Life System Modeling and Simulation (LSMS 2010) and the 2010 International Conference on Intelligent Computing for Sustainable Energy and Environment (ICSEE 2010) were formed to bring together researchers and practitioners in the fields of life system modeling/simulation and intelligent computing applied to worldwide sustainable energy and environmental applications. A life system is a broad concept, covering both micro and macro components ranging from cells, tissues and organs across to organisms and ecological niches. To comprehend and predict the complex behavior of even a simple life system can be extremely difficult using conventional approaches. To meet this challenge, a variety of new theories and methodologies have emerged in recent years on life system modeling and simulation. Along with improved understanding of the behavior of biological systems, novel intelligent computing paradigms and techniques have emerged to handle complicated real-world problems and applications. In particular, intelligent computing approaches have been valuable in the design and development of systems and facilities for achieving sustainable energy and a sustainable environment, the two most challenging issues currently facing humanity. The two LSMS 2010 and ICSEE 2010 conferences served as an important platform for synergizing these two research streams.

2. Record Nr.	UNISA996465614203316
Titolo	Formal methods for industrial critical systems : 13th international workshop, FMICS 2008, L'Aquila, Italy, September 15-16, 2008, revised selected papers // Darren Cofer, Alessandro Fantechi (editors)
Pubbl/distr/stampa	Berlin ; ; Heidelberg : , : Springer, , [2009] Â©2009
ISBN	1-282-33177-9 9786612331770 3-642-03240-0
Edizione	[1st ed. 2009.]
Descrizione fisica	1 online resource (241 p.)
Collana	Lecture notes in computer science ; ; 5596
Classificazione	DAT 260f DAT 343f SS 4800
Disciplina	004.0151
Soggetti	Formal methods (Computer science)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Invited Presentations -- Formal Methods for Critical Systems -- Model-Based Verification of Automotive Control Software -- Contract-Based Analysis of Automotive and Avionics Applications: The SPEEDS Approach -- Panel -- Panel Discussion on Formal Methods in Commercial Software Development Tools -- Research Papers -- LETO - A Lustre-Based Test Oracle for Airbus Critical Systems -- Extending Structural Test Coverage Criteria for Lustre Programs with Multi-clock Operators -- Fighting State Space Explosion: Review and Evaluation -- Local Quantitative LTL Model Checking -- Efficient Symbolic Model Checking for Process Algebras -- Reentrant Readers-Writers: A Case Study Combining Model Checking with Theorem Proving -- Using CSP B Components: Application to a Platoon of Vehicles -- Formal Verification of the Implementability of Timing Requirements -- Dynamic Event-Based Runtime Monitoring of Real-Time and Contextual Properties -- Can Flash Memory Help in Model Checking? -- From Informal Requirements to Property-Driven Formal Validation -- Automated Certification of Non-Interference in Rewriting Logic --

Formal Verification of Safety Functions by Reinterpretation of Functional Block Based Specifications -- Using Datalog and Boolean Equation Systems for Program Analysis.

Sommario/riassunto

This book constitutes the thoroughly refereed post-workshop proceedings of the 13th International Workshop on Formal Methods for Industrial Critical Systems, FMICS 2008, held in L'Aquila, Italy, in September 2008 - colocated with ASE 2008, the 23rd International Conference on Automated Software Engineering. The 14 revised full papers presented together with the abstracts of 3 invited presentations and 2 short presentations introducing the panel were carefully selected from 36 initial submissions. The papers strive to promote research and development for the improvement of formal methods and tools for industrial applications. They cover topics such as model checking, testing, software verification, real-time performance, and industrial case studies.

3. Record Nr.

UNISALENTO991002176199707536

Autore

Rossi Doria, Manlio

Titolo

Memoria illustrativa della carta della utilizzazione del suolo della Basilicata : fogli 16, 17 e 19 della Carta della utilizzazione del suolo d'Italia / Manlio Rossi Doria ; con una introduzione di Carmelo Colamonico

Pubbl/distr/stampa

Roma : Consiglio nazionale delle ricerche, 1963

Descrizione fisica

131 p. : ill. ; 24 cm

Altri autori (Persone)

Colamonico, Carmelo

Disciplina

338.1

Soggetti

Agricoltura - Basilicata
Terreno agrario - Utilizzazione - Basilicata

Lingua di pubblicazione

Italiano

Formato

Materiale a stampa

Livello bibliografico

Monografia

4. Record Nr.	UNINA9910792175603321
Autore	McNamara Ken
Titolo	Prehistoric mammals of Western Australia [[electronic resource] /] / Ken McNamara and Peter Murray
Pubbl/distr/stampa	Welshpool DC, W.A., : Western Australian Museum, 2010
ISBN	1-920843-60-4
Edizione	[Rev. ed.]
Descrizione fisica	1 online resource (112 p.)
Collana	Factfocus
Altri autori (Persone)	MurrayPeter (Peter F.)
Disciplina	560.00
Soggetti	Mammals, Fossil - Australia - Western Australia Paleontology - Australia - Western Australia Western Australia History
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 (p. 105-107).
Nota di contenuto	Introduction; The Fossil Remains: Their Occurrence and Preservation; Age of the Western Australian Fossil Remains; Diprotodontids; Thylacoleonids; Wombats; Thylacines; Kangaroos; Echidnas; Mammal Extinctions in Western Australia; Acknowledgements; Further Reading
Sommario/riassunto	In 1909 a rich accumulation of many thousands of bones was excavated from Mammoth Cave in Australia's south-west. Many of the bones far exceeded in size any modern-day native mammal, evidence that in prehistoric times giant mammals had roamed the Australian bush. They included a marsupial the size of a buffalo, kangaroos more than two metres tall, wallabies much bigger than any living species, a marsupial 'lion' about the size of a leopard, giant echidnas and wombats, plus the thylacine (Tasmanian tiger). What did these animals look like and how did they live? And how did they become extinct i