

1. Record Nr.	UNISALENTO991003190839707536
Titolo	La guerra : profili di diritto internazionale e diritto interno : lezione congiunta dei corsi di diritto internazionale e istituzioni di diritto pubblico : Teramo, 11 gennaio 2002 / [di Francesco Rigano, Pietro Gargiulo]
Pubbl/distr/stampa	Napoli : Editoriale scientifica, 2002
ISBN	8888321233
Descrizione fisica	102 p. ; 24 cm
Collana	Quaderni. Nuova serie / Università degli studi di Teramo, Istituto di studi giuridici, Facoltà di scienze politiche ; 3
Altri autori (Persone)	Rigano, Francescoauthor Gargiulo, Pietroauthor
Disciplina	341.6
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Include riferimenti bibliografici

2. Record Nr.	UNINA9910299481003321
Autore	Alippi Cesare
Titolo	Intelligence for Embedded Systems : A Methodological Approach / / by Cesare Alippi
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2014
ISBN	3-319-05278-0
Edizione	[1st ed. 2014.]
Descrizione fisica	1 online resource (296 p.)
Disciplina	004.6 006.22 006.3 620
Soggetti	Electronics Computational intelligence Computers, Special purpose Electronics and Microelectronics, Instrumentation Computational Intelligence Special Purpose and Application-Based Systems
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 -- From Metrology to Digital Data -- Uncertainty, Informaiton and Learning Mechanisms -- Randomized Algorithms -- Robustness Analysis -- Emotional Cognitive Mechanisms for Embedded Systems -- Performance Estimation and Probably Approximately Correct Computation -- Intelligent Mechanisms in Embedded Systems -- Learning in Nonstationary and Evolving Environments -- Fault Diagnosis Systems.
Sommario/riassunto	Addressing current issues of which any engineer or computer scientist should be aware, this monograph is a response to the need to adopt a new computational paradigm as the methodological basis for designing pervasive embedded systems with sensor capabilities. The requirements of this paradigm are to control complexity, to limit cost and energy consumption, and to provide adaptation and cognition abilities allowing the embedded system to interact proactively with the

real world. The quest for such intelligence requires the formalization of a new generation of intelligent systems able to exploit advances in digital architectures and in sensing technologies. The book sheds light on the theory behind intelligence for embedded systems with specific focus on: · robustness (the robustness of a computational flow and its evaluation); · intelligence (how to mimic the adaptation and cognition abilities of the human brain), · the capacity to learn in non-stationary and evolving environments by detecting changes and reacting accordingly; and · a new paradigm that, by accepting results that are correct in probability, allows the complexity of the embedded application to be kept under control. Theories, concepts and methods are provided to motivate researchers in this exciting and timely interdisciplinary area. Applications such as porting a neural network from a high-precision platform to a digital embedded system and evaluating its robustness level are described. Examples show how the methodology introduced can be adopted in the case of cyber-physical systems to manage the interaction between embedded devices and physical world.. Researchers and graduate students in computer science and various engineering-related disciplines will find the methods and approaches propounded in Intelligence for Embedded Systems of great interest. The book will also be an important resource for practitioners working on embedded systems and applications.
