

1. Record Nr.	UNISA990001730750203316
Autore	NIGRO, Paola
Titolo	La Scuola medica salernitana : bibliografia cronologico-analitica delle edizioni a stampa del Regimen Sanitatis Salernitanum / Paola Nigro ; con presentazione di Giuseppe Lauriello
Pubbl/distr/stampa	Salerno, : Ripostes, 2004
ISBN	88-86819-88-9
Descrizione fisica	106 p. : ill. ; 24 cm
Collana	Storia Patria
Disciplina	016.610945741
Soggetti	Scuola medica salernitana - Bibliografie - Sec. 16.-21. - Salerno Regimen Sanitatis Salernitanum - Bibliografie - Sec. 16.-21
Collocazione	XVII A.A. 3519 XV.1.A. 9(V G 1153) XV.1.A. 9
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr.	UNINA9910337630403321
Autore	Barkalov Alexander
Titolo	Foundations of Embedded Systems / / by Alexander Barkalov, Larysa Titarenko, Magorzata Mazurkiewicz
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019
ISBN	3-030-11961-0
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (XIII, 167 p. 142 illus., 16 illus. in color.)
Collana	Studies in Systems, Decision and Control, , 2198-4182 ; ; 195
Disciplina	621.3815
Soggetti	Electronic circuits Computational intelligence Electronics Microelectronics Automatic control Circuits and Systems Computational Intelligence Electronics and Microelectronics, Instrumentation Control and Systems Theory
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction into embedded systems -- Design of embedded systems -- Implementation of computational algorithms in embedded systems -- Field programmable gate arrays -- Implementing Control Algorithms with FPGAs -- Programmable Logic Controllers -- Conclusion.
Sommario/riassunto	This book is devoted to embedded systems (ESs), which can now be found in practically all fields of human activity. Embedded systems are essentially a special class of computing systems designed for monitoring and controlling objects of the physical world. The book begins by discussing the distinctive features of ESs, above all their cybernetic-physical character, and how they can be designed to deliver the required performance with a minimum amount of hardware. In turn, it presents a range of design methodologies. Considerable attention is paid to the hardware implementation of computational algorithms. It is

shown that different parts of complex ESs could be implemented using models of finite state machines (FSMs). Also, field-programmable gate arrays (FPGAs) are very often used to implement different hardware accelerators in ESs. The book pays considerable attention to design methods for FPGA-based FSMs, before the closing section turns to programmable logic controllers widely used in industry. This book will be interesting and useful for students and postgraduates in the area of Computer Science, as well as for designers of embedded systems. In addition, it offers a good point of departure for creating embedded systems for various spheres of human activity.
