

1. Record Nr.	UNINA9910299469103321
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Titolo	Algebraic Circuits [[electronic resource] /] / by Antonio Lloris Ruiz, Encarnación Castillo Morales, Luis Parrilla Roure, Antonio García Ríos
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2014
ISBN	3-642-54649-8
Edizione	[1st ed. 2014.]
Descrizione fisica	1 online resource (413 p.)
Collana	Intelligent Systems Reference Library, , 1868-4394 ; ; 66
Disciplina	512.3
Soggetti	Electronic circuits Algebra Data structures (Computer science) Signal processing Image processing Speech processing systems Circuits and Systems General Algebraic Systems Data Structures and Information Theory Signal, Image and Speech Processing
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	Number Systems -- Basic Arithmetic Circuits -- Residue Number Systems -- Basic algebraic circuits -- Galois Fields GF(2 ^m) -- Galois Fields GF(p ⁿ) -- Two Galois fields cryptographic applications.
Sommario/riassunto	This book presents a complete and accurate study of algebraic circuits, digital circuits whose performance can be associated with any algebraic structure. The authors distinguish between basic algebraic circuits, such as Linear Feedback Shift Registers (LFSRs) and cellular automata, and algebraic circuits, such as finite fields or Galois fields. The book includes a comprehensive review of representation systems, of arithmetic circuits implementing basic and more complex operations, and of the residue number systems (RNS). It presents a study of basic algebraic circuits such as LFSRs and cellular automata as well as a study

of circuits related to Galois fields, including two real cryptographic applications of Galois fields.

2. Record Nr.	UNINA9910816045603321
Titolo	Green Business Process Management : Towards the Sustainable Enterprise // edited by Jan vom Brocke, Stefan Seidel, Jan Recker
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2012
ISBN	9786613766670 3-642-27488-9 1-280-99506-8
Edizione	[1st ed. 2012.]
Descrizione fisica	1 online resource (252 p.)
Collana	Progress in IS
Classificazione	330
Disciplina	005.7 330 333.7 650
Soggetti	Information technology Business—Data processing Organization Planning Environmental management Computers IT in Business Environmental Management Information Systems and Communication Service
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	Preface by Richard T. Watson -- Foreword -- Part I: Foundations and Directions -- Part II: Tools and Methods -- Part III: Cases and Examples.
Sommario/riassunto	Green Business Process Management – Towards the Sustainable

Enterprise" consolidates the global state-of-the-art knowledge about how business processes can be managed and improved in light of sustainability objectives. Business organizations, a dominant part of our society, have always been a major contributor to the degradation of our natural environment, through the resource consumption, greenhouse emissions, and wastage production associated with their business processes. In order to lessen their impact on the natural environment, organizations must design and implement environmentally sustainable business processes. Finding solutions to this organizational design problem is the key challenge of Green Business Process Management. This book discusses the emerging challenges of designing "green" business processes, presents tools and methods that organizations can use in order to design and implement environmentally sustainable processes, and provides insights from cases where organizations successfully engaged in more sustainable business practices. The book is of relevance to both practitioners and academics who are interested in understanding, designing, and implementing "green" business processes. It also constitutes a valuable resource for students and lecturers in the fields of information systems, management, and sustainable development.
