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| 1. Record Nr.           | UNINA9910724352203321                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Autore                  | Bethume Kim                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Titolo                  | Gestion et entretien des batiments royaux dans les Pays-Bas autrichiens (1715-1794) // Kim Bethume                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Pubbl/distr/stampa      | Bruxelles : , : Editions de l'Universite de Bruxelles, , 2001                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Descrizione fisica      | 1 online resource (240 pages)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Disciplina              | 690.0681                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Soggetti                | Building - Economic aspects                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Lingua di pubblicazione | Francese                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Formato                 | Materiale a stampa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Livello bibliografico   | Monografia                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Sommario/riassunto      | <p>Depuis la gouvernance de Marie de Hongrie, les Gouverneurs generaux charges de l'administration de nos provinces avaient pour habitude de s'installer a Bruxelles. Pour leur confort et celui de l'importante Cour qui les entourait, le Souverain avait mis a leur disposition l'ensemble de ses biens immobiliers en Brabant. Ces chateaux, maisons, parcs, viviers et autres etaient entretenus a grands frais par une institution specialement mise en place dans ce but : le Bureau des ouvrages de la Cour. Meconnu jusqu'a present, cet organisme constituait toutefois une piece maitresse dans l'organisation de la vie quotidienne de la Cour de Bruxelles. Les competences de cette institution ainsi que le personnel qui la composait ont ete etudies a partir des instructions et reglements edictes pour ce departement. Ces directives ont ensuite ete confrontees aux activites quotidiennes du Bureau pour determiner dans quelle mesure elles etaient appliquees et/ou adaptees. Enfin, les difficultes eprouvees par ce departement dans la gestion de ses affaires ont egalement ete analysees. Grace a cette etude, un portrait relativement complet du Bureau des ouvrages de la Cour a donc pu etre dresse, permettant ainsi de le situer parmi les autres institutions centrales du gouvernement autrichien.</p> |

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| 2. Record Nr.           | UNISA996547969503316                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Autore                  | Snider Ross K.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Titolo                  | Advanced digital system design using SoC FPGAs : an integrated hardware/software approach / / Ross K. Snider                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Pubbl/distr/stampa      | Cham, Switzerland : , : Springer, , [2023]<br>©2023                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| ISBN                    | 9783031154164<br>9783031154157                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Edizione                | [1st ed. 2023.]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Descrizione fisica      | 1 online resource (435 pages)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Disciplina              | 910.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Soggetti                | Field programmable gate arrays                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Lingua di pubblicazione | Inglese                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Formato                 | Materiale a stampa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Livello bibliografico   | Monografia                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Nota di bibliografia    | Includes bibliographical references and index.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Nota di contenuto       | Introduction to SoC FPGAs -- Hello World -- Software Control of LEDs via Registers -- Audio Codec and headphone driver -- FIR Filtering -- Data Movements using Direct Memory Access (DMA) -- Frequency Domain Processing using FFTs -- Time Domain Sound Effects Processors -- Frequency Domain Sound Effects Processor -- Hearing Aid -- Multiple Audio Personalities.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Sommario/riassunto      | This textbook teaches students techniques for the design of advanced digital systems using System-on-Chip (SoC) Field Programmable Gate Arrays (FPGAs). The author demonstrates design of custom hardware components for the FPGA fabric using VHDL, Matlab, and Simulink, with implementation of custom hardware-software interfaces. Readers gain hands-on system level experience by creating custom hardware and then writing programs and Linux device drivers to interact with their hardware. This textbook enables laboratory experience in the design of custom digital systems using SoC FPGAs that emphasizes digital signal processing and culminates in the reader creating a real-time audio sound effects processor. Uses an Integrated Hardware/Software Approach to teaching Digital Design; Walks readers through the creation of a complete custom computer system that can accelerate audio signal processing; Enables students to develop a system-level view of computing and develop skills to create custom hardware and software. |

