

1. Record Nr.	UNINA9910454341903321
Autore	Materu Peter (Peter Nicolas)
Titolo	Assurance qualite de l'enseignement superieur en Afrique Subsaharienne [[electronic resource]] : etat de la question, defis, opportunités et pratiques positives / / Peter Materu
Pubbl/distr/stampa	Washington, D.C., : Banque internationale pour la reconstruction et le developpement/Banque mondiale, 2008
ISBN	0-8213-7713-2
Descrizione fisica	xxii, 89 p
Collana	Document de travail de la Banque Mondial ; ; no. 152 Le deveeloppement humain en Afrique
Disciplina	378.68
Soggetti	Education, Higher - Africa, Sub-Saharan Total quality management in higher education - Africa, Sub-Saharan Electronic books.
Lingua di pubblicazione	Francese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references.

2. Record Nr.	UNISA996385833203316
Autore	Bramhall John <1594-1663.>
Titolo	A sermon preached in the cathedrall church of York [[electronic resource]] : before Hi[s] Excellence the Earle of Newcastle and many of the prime nobility and gentry of the northerne covnties : at the publick thanksgiving to Almighty God for the late great victory upon Fryday, June 30, 1643, and the reducement of the west parts of Yorkeshire to obedience
Pubbl/distr/stampa	Printed at York, : By Stephen Bulkley, 1643
Descrizione fisica	[6], 26 p
Soggetti	Sermons, English - 17th century Great Britain History Civil War, 1642-1649
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Attributed by Wing and NUC pre-1956 imprints to Bramhall. Dedication signed: Joh. Derensis [i.e. John Bramhall] Page 25 misnumbered 16. Reproduction of original in the British Library.
Sommario/riassunto	eebo-0018

3. Record Nr.	UNINA9910473458303321
Autore	Geraci Angelo
Titolo	Special Topics in Information Technology
Pubbl/distr/stampa	Springer Nature, 2021 Cham : , : Springer International Publishing AG, , 2021 ©2021
ISBN	3-030-62476-5
Descrizione fisica	1 online resource (150 pages)
Collana	SpringerBriefs in Applied Sciences and Technology
Classificazione	COM031000TEC004000TEC041000
Soggetti	Communications engineering / telecommunications Automatic control engineering Algorithms & data structures
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Intro -- Preface -- Contents -- Part I Telecommunications -- 1 Machine-Learning Defined Networking: Towards Intelligent Networks -- 1.1 Introduction -- 1.2 Network Traffic Prediction -- 1.3 Network Traffic Pattern Identification -- 1.4 Reinforcement Learning for Adaptive Network Resource Allocation -- 1.5 Implementation of Machine Learning in Real SDN/NFV Testbeds -- 1.6 Concluding Remarks -- References -- 2 Traffic Management in Networks with Programmable Data Planes -- 2.1 Software-Defined Networks (SDN) -- 2.2 Control Plane Programmability -- 2.2.1 Traffic Engineering Framework -- 2.2.2 ONOS Intent Monitor and Reroute Service -- 2.3 Data Plane Programmability -- 2.3.1 Network Failures -- 2.3.2 Network Congestion -- 2.4 Conclusions -- References -- Part II Electronics -- 3 Frequency Synthesizers Based on Fast-Locking Bang-Bang PLL for Cellular Applications -- 3.1 Introduction -- 3.2 Digital PLL: Output Phase Noise and Locking Transient -- 3.3 Multi-loop Architecture for Fast Locking Transient -- 3.4 Measurement results -- 3.5 Conclusions -- References -- 4 Inductorless Frequency Synthesizers for Low-Cost Wireless -- 4.1 Introduction -- 4.2 Fractional-N MDLLs -- 4.3 Jitter-Power Tradeoff Analysis -- 4.4 DTC Range-Reduction Technique -- 4.5 Implemented Architecture -- 4.6 Measurement Results -- 4.7

Conclusion -- References -- 5 Characterization and Modeling of Spin-Transfer Torque (STT) Magnetic Memory for Computing Applications -- 5.1 Introduction -- 5.2 Spin-Transfer Torque Magnetic Memory (STT-MRAM) -- 5.3 Understanding Dielectric Breakdown-Limited Cycling Endurance -- 5.4 Modeling Stochastic Switching in STT-MRAM -- 5.5 Stochastic STT Switching for Security and Computing -- 5.6 Conclusions -- References -- 6 One Step in-Memory Solution of Inverse Algebraic Problems -- 6.1 Introduction -- 6.2 In Memory Computing. 6.3 In-Memory Matrix-Vector-Multiplication Accelerator -- 6.4 One Step in-Memory Solution of Inverse Algebraic Problems -- 6.4.1 In-Memory Solution of Linear Systems in One-Step -- 6.4.2 In-Memory Eigenvectors Calculation in One-Step -- 6.4.3 In-Memory Regression and Classification in One-Step -- 6.5 Conclusions -- References -- 7 Development of a 3" LaBr₃ SiPM-Based Detection Module for High Resolution Gamma Ray Spectroscopy and Imaging -- 7.1 Introduction -- 7.2 Development -- References -- Part III Computer Science and Engineering -- 8 Velocity on the Web -- 8.1 Introduction -- 8.2 Background -- 8.3 Problem Statement -- 8.4 Major Results -- 8.5 Conclusion -- References -- 9 Preplay Communication in Multi-Player Sequential Games: An Overview of Recent Results -- 9.1 Introduction -- 9.1.1 Motivating Example -- 9.1.2 Sequential Games with Imperfect Information -- 9.1.3 Preplay Communication -- 9.2 Adversarial Team Games -- 9.3 Correlated Equilibria in Sequential Games -- 9.4 Bayesian Persuasion with Sequential Games -- 9.5 Discussion and Future Research -- References -- Part IV Systems and Control -- 10 Leadership Games: Multiple Followers, Multiple Leaders, and Perfection -- 10.1 Introduction -- 10.2 The Stackelberg Paradigm -- 10.3 Stackelberg Games with Multiple Followers -- 10.3.1 Norma-Form Stackelberg Games -- 10.3.2 Stackelberg Polymatrix Games -- 10.3.3 Stackelberg Congestion Games -- 10.4 Stackelberg Games with Multiple Leaders -- 10.5 Trembling-Hand Perfection in Stackelberg Games -- References -- 11 Advancing Joint Design and Operation of Water Resources Systems Under Uncertainty -- 11.1 Introduction -- 11.1.1 Research Challenges -- 11.2 Reinforcement Learning for Designing Water Reservoirs -- 11.2.1 pFQI Algorithm -- 11.2.2 Comparison with Traditional Least Cost Dam Design -- 11.3 A Novel Robust Assessment Framework. 11.3.1 Methodological Approach -- 11.3.2 Assessing Robustness of Alternatives for Changing Demands and Hydrology -- 11.4 Conclusions -- References -- 12 Optimization-Based Control of Microgrids for Ancillary Services Provision and Islanded Operation -- 12.1 Introduction -- 12.2 Microgrids Aggregators Providing Ancillary Services -- 12.2.1 Offline Economic Dispatch and Power Reserve Procurement -- 12.2.2 Online External Provision of Ancillary Services -- 12.2.3 Real-Time Self-balancing of Internal Power Uncertainties -- 12.3 Hierarchical Model Predictive Control Architectures for Islanded Microgrids -- 12.4 Conclusions -- References -- 13 Allowing a Real Collaboration Between Humans and Robots -- 13.1 Introduction -- 13.2 Recognizing the Human Actions -- 13.3 Predicting the Human Actions -- 13.4 Assistive Scheduling -- 13.5 Results -- 13.6 Conclusions -- References.

Sommario/riassunto

This open access book presents thirteen outstanding doctoral dissertations in Information Technology from the Department of Electronics, Information and Bioengineering, Politecnico di Milano, Italy. Information Technology has always been highly interdisciplinary, as many aspects have to be considered in IT systems. The doctoral studies program in IT at Politecnico di Milano emphasizes this interdisciplinary

nature, which is becoming more and more important in recent technological advances, in collaborative projects, and in the education of young researchers. Accordingly, the focus of advanced research is on pursuing a rigorous approach to specific research topics starting from a broad background in various areas of Information Technology, especially Computer Science and Engineering, Electronics, Systems and Control, and Telecommunications. Each year, more than 50 PhDs graduate from the program. This book gathers the outcomes of the thirteen best theses defended in 2019-20 and selected for the IT PhD Award. Each of the authors provides a chapter summarizing his/her findings, including an introduction, description of methods, main achievements and future work on the topic. Hence, the book provides a cutting-edge overview of the latest research trends in Information Technology at Politecnico di Milano, presented in an easy-to-read format that will also appeal to non-specialists.
