

1.	Record Nr.	UNIBAS000002407
	Autore	Doughty, Howard
	Titolo	Francis Parkman / by Howard Doughty
	Pubbl/distr/stampa	New York : Macmillan, 1962
	Descrizione fisica	414 p. ; 21 cm.
	Disciplina	928.1
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
2.	Record Nr.	UNINA9910743692703321
	Autore	Younas Muhammad
	Titolo	The 4th Joint International Conference on Deep Learning, Big Data and Blockchain (DBB 2023) // edited by Muhammad Younas, Irfan Awan, Salima Benbernou, Dana Petcu
	Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2023
	ISBN	9783031423178 3031423178
	Edizione	[1st ed. 2023.]
	Descrizione fisica	1 online resource (148 pages)
	Collana	Lecture Notes in Networks and Systems, , 2367-3389 ; ; 768
	Altri autori (Persone)	AwanIrfan BenbernouSalima PetcuDana
	Disciplina	006.3
	Soggetti	Computational intelligence Engineering - Data processing Computational Intelligence Data Engineering
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia

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Research Methodology -- 4 DLT Prototype Construction and Evaluation
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2 Overview of IoT and DLTs -- 2.1 Overview of IoT -- 2.2 Overview of DLTs -- 3 DLT-Based Applications and Services for IoT -- 4 Proposed Architecture -- 5 Conclusion and Future Work -- References -- Analysis and Forecast of Energy Demand in Senegal with a SARIMA Model and an LSTM Neural Network -- 1 Introduction -- 2 Analysis of Woyofal Customers Database -- 3 Building a Forecasting Model of Electricity Demand -- 3.1 Forecasting Electricity Demand with a SARIMA Model -- 3.2 Forecasting Electricity Demand with an LSTM Neural Network -- 4 Deploying the Forecasting Model in a Web Application -- 5 Conclusion -- References -- Author Index.

Sommario/riassunto

This book constitutes refereed articles which present research work on new and emerging topics such as distributed ledger technology, blockchains and architectures, smart cities, machine learning and deep learning techniques and application areas such as flight pricing, energy demand and healthcare. The intended readership of the book include researchers, developers and practitioners in the areas of deep learning, big data and blockchains technologies and their applications.
