1.	Record Nr.	UNINA9910770246103321
	Titolo	Algorithmic Aspects of Cloud Computing : 8th International Symposium, ALGOCLOUD 2023, Amsterdam, the Netherlands, September 5, 2023, Revised Selected Papers / / Ioannis Chatzigiannakis and Ioannis Karydis, editors
	Pubbl/distr/stampa	Cham, Switzerland : , : Springer, , [2024] ©2024
	ISBN	3-031-49361-3
	Edizione	[First edition.]
	Descrizione fisica	1 online resource (241 pages)
	Collana	Lecture Notes in Computer Science Series ; ; Volume 14053
	Disciplina	004.6782
	Soggetti	Cloud computing
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di bibliografia	Includes bibliographical references and index.
	Nota di contenuto	Planning workflow executions over the Edge-to-Cloud Continuum -- On-Field Leaf Infection Detection using the Cloud-Edge Continuum -- Application of Federated Learning techniques for arrhythmia classification using 12- lead ECG signals -- An Adaptive, Energy-Efficient DRL-based and MCMC-based Caching Strategy for IoT Systems -- Real-Time Leakage Zone Detection in Water Distribution Networks: A Machine Learning-based Stream Processing Algorithm -- Multi-agent reinforcement learning-based energy orchestrator for cyber-physical systems -- Clustering-based Numerosity Reduction for Cloud Workload Forecasting -- Algorithmic Aspects of Distributed Hash Tables on Cloud, Fog, and Edge Computing Applications: A Survey -- i-Deliver P&D Engine: A Decentralized Middleware for a Delivery-as-a-Service System -- Intent-based Allocation of Cloud Computing Resources Using Q-Learning -- A Double-decision Reinforcement Learning based Algorithm for Online Scheduling in Edge and Fog Computing -- Decentralized Algorithms for Efficient Energy Management over Cloud-Edge Infrastructures.
	Sommario/riassunto	This book constitutes revised selected papers from the 8th International Symposium on Algorithmic Aspects of Cloud Computing, ALGOCLOUD 2023, held in Amsterdam, The Netherlands, on September 5, 2023. The 13 full papers included in this book were carefully

reviewed and selected from 24 submissions. They focus on algorithmic aspects of computing and data management in modern cloud-based systems interpreted broadly so as to include edge- and fog-based systems, cloudlets, cloud micro-services, virtualization environments, decentralized systems, as well as dynamic networks.