1. Record Nr. UNINA9910987992403321

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Titolo	Energy Efficiency and Robustness of Advanced Machine Learning Architectures : A Cross-Layer Approach
Pubbl/distr/stampa	Milton : , : CRC Press LLC, , 2024 ©2025
ISBN	9781040165034 1040165036 9781003530459 1003530451 9781040165065 1040165060
Edizione	[1st ed.]
Descrizione fisica	1 online resource (361 pages)
Collana	Chapman and Hall/CRC Artificial Intelligence and Robotics Series
Altri autori (Persone)	ShafiqueMuhammad
Disciplina	006.3/1
Soggetti	Deep learning (Machine learning) Neural networks (Computer science) Robust optimization Computer network architectures Computer networks - Energy consumption Computer networks - Security measures
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Hardware and software optimizations for capsule networks -- Adversarial security threats for DNNs and CapsNets -- Inetration and of multiple and design objectives into NAS frameworks for CapsNets and DNNs -- Efficient optimizations for spiking neural networks on neuromorphic hardware -- Security threats for SNNs on discrete and event-based data.
Sommario/riassunto	This book tackles these challenges by exploiting the unique features of advanced ML models and investigates cross-layer concepts and techniques to engage both hardware and software-level methods to build robust and energy-efficient architectures for these advanced ML networks.