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Titolo	Dew Computing [[electronic resource]] : The Sustainable IoT Perspectives / / edited by Debashis De, Samarjit Roy
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2024
ISBN	981-9945-90-9
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (347 pages)
Collana	Internet of Things, Technology, Communications and Computing, , 2199-1081
Disciplina	004.678
Soggetti	Telecommunication Internet of things Electronic circuits Cooperating objects (Computer systems) Communications Engineering, Networks Internet of Things Electronic Circuits and Systems Cyber-Physical Systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Fundamentals of Dew Computing -- Foundation of system architectures in Dew computing paradigm -- IoT Convergence paradigm: Cloud, Edge, Fog, and Dew Computing -- Statistical and computational frameworks in Dew-based IoT ecosystems -- Intrusion Detection Systems and analysis in Intelligent Dew-based IoT systems.
Sommario/riassunto	This book discusses the dew computing paradigm with the evolution of future-generation technologies through the cloud and the Internet of Things in the scope of machine intelligence. Dew computing is an emerging paradigm that inherits a flexible and super-hybrid methodology to afford personal information to users with self-regulating internetwork connectivity. The contents conceptualize how the end-users can benefit from data analytics through intelligent data sensing, computing, analytics, and distributed scenarios using a dew-cloud computational framework over the Internet of Things environment. The main focus of this book is to bring all the related

technologies into a single platform so that undergraduate and postgraduate students, researchers, academicians, and the industry can easily understand dew computing, future generations of cloud computing, machine intelligence, and representation learning in IoT-enabled technologies.