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Collana	Blockchain Technologies, , 2661-8338
Disciplina	005.824
Soggetti	Computer engineering Internet of things Embedded computer systems Information technology Business—Data processing Urban economics Health informatics Applied mathematics Engineering mathematics Big data Cyber-physical systems, IoT IT in Business Urban Economics Health Informatics Mathematical and Computational Engineering Big Data
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Nota di contenuto	1. Introducing Blockchain for Smart City Technologies and Applications -- 2. Chain of Antichains: An Ecient and Secure Distributed Ledger -- 3. Blockchain for intelligent gas monitoring in smart city scenario -- 4. Commodity Ecology: from Smart Cities to Smart Regions via a Blockchain-Based Virtual Community Platform for Ecological Design in Choosing All Materials and Wastes -- 5. Toward Multiple Layered

Blockchain Structure for Tracking of Private Contents and Right to be Forgotten -- 6. Smart City Transportation Technologies: Automatic No-Helmet Penalizing System -- 7. An Overview of Smart City: Observation, Technologies, Challenges and Blockchain Applications -- 8. An Architecture for e-Health Recommender Systems based on Similarity of Patients' Symptoms.

Sommario/riassunto

This book provides a comprehensive overview of various aspects of the development of smart cities from a secure, trusted, and reliable data transmission perspective. It presents theoretical concepts and empirical studies, as well as examples of smart city programs and their capacity to create value for citizens. The contributions offer a panorama of the most important aspects of smart city evolution and implementation within various frameworks, such as healthcare, education, and transportation. Comparing current advanced applications and best practices, the book subsequently explores how smart environments and programs could help improve the quality of life in urban spaces and promote cultural and economic development.
