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Titolo	Il sequestro europeo di conti bancari : Regolamento (UE) n. 655/2014 del 15 maggio 2014 / a cura di Pietro Franzina e Antonio Leandro
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ISBN	978-88-14-20723-5
Descrizione fisica	XII, 183 p. ; 23 cm
Collana	L'Italia e la vita giuridica internazionale ; 32
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2. Record Nr.	UNINA9910627274103321
Autore	Elghaish Faris
Titolo	Blockchain of Things and Deep Learning Applications in Construction : Digital Construction Transformation / / by Faris Elghaish, Farzad Pour Rahimian, Tara Brooks, Nashwan Dawood, Sepehr Abrishami
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Descrizione fisica	1 online resource (203 pages)
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Formato	Materiale a stampa
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	<p>Blockchain applications in Construction: A comprehensive review --</p> <p>Scientometric analysis of blockchain uses in construction -- Internet of Things (IoT) applications in Construction: A comprehensive review --</p> <p>Blockchain of Things (BCoT): Beyond the concept -- Integrated Project Delivery with Blockchain: Sharing risk/reward system -- The feasibility of blockchain for Integrated Project Delivery (IPD): An exploratory Study --</p> <p>A decentralised financial system-based blockchain: Towards digitalised construction -- A comprehensive solution for financial challenges in the construction industry: Blockchain-based solution --</p> <p>Smart Common Data Environment (SCDE) based blockchain: An automated collaboration platform -- Deep learning applications in the construction industry: A critical analysis -- Developing a new deep learning CNN model to detect and classify highway cracks -- An optimized CNN model to detect irregular pavement distresses: Face recognition-based solution -- Integrating Artificial intelligence into immersive and drones technologies: A conceptual framework and practical use cases.</p>
Sommario/riassunto	<p>This book significantly contributes the digital transformation of construction. The book explores the capabilities of deep learning to provide smart solutions for the construction industry, particularly in areas of managing equipment, design optimization, energy optimization and detect cracks for buildings and highways. It provides conceptual solutions but also practical techniques. A new deep learning CNN-based highway cracks detection is demonstrated, and its usefulness is tested. The resulting deep learning CNN model will enable users to scan long distance of highway and detect types of cracks accurately in a very short time compared to traditional approaches. The book explores the integration of IoT and blockchain to provide practical solutions to tackle existing challenges like the endemic fragmentation in supply chain, the need for monitoring construction projects remotely and tracking equipment on the site. The Blockchain of Things (BCoT) concept has been introduced to exploit the advantages of IoT and blockchain, and different applications were developed based on this integration in leading industries such as shared economy and health care. Workable potential use cases to exploit successful utilization of BCoT for the construction industry are explored in the book's chapters. This book will appeal to researchers in providing a comprehensive review of related literature on blockchain, the IoT and construction identify gaps and offer a springboard for future research. Construction practitioners, research and development institutes and policy makers will also benefit from its usefulness as a reference book and collection of case studies on the application of these new approaches in construction.</p>