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Titolo	AI and IoT for smart city applications // edited by Vincenzo Piuri [and three others]
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ISBN	981-16-7498-1 981-16-7497-3
Descrizione fisica	1 online resource (xiii, 233 pages)
Collana	Studies in computational intelligence ; ; Volume 1002
Disciplina	006.3
Soggetti	Artificial intelligence Internet of things Smart cities
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Smart drone controller framework-toward an Internet of drones -- Building of efficient communication system in smart city using wireless sensor network through hybrid optimization technique -- Estimation of range for electric vehicle using fuzzy logic system -- Traffic light control using RFID and deep reinforcement learning -- Driver drowsiness alert system using real-time detection -- Traffic control system for smart city using image processing -- Visual perception for smart city defense administration and intelligent premonition framework based on DNN -- Application of AI/IoT for smart renewable energy management in smart cities -- Eye-gaze based hands free access control system for smart city public interfaces -- Reliability analysis in cyber-physical system using deep learning for smart cities industrial IoT network node -- Multi robot environment exploration using swarm -- AI and blockchain for healthcare data security in smart cities -- Towards the sustainable development of smart cities through cloud computing -- Anomalies detection on attached IoT device at cattle body in smart cities areas using deep learning.
Sommario/riassunto	"This book provides a valuable combination of relevant research works on developing smart city ecosystem from the artificial intelligence (AI)

and Internet of things (IoT) perspective. The technical research works presented here are focused on a number of aspects of smart cities: smart mobility, smart living, smart environment, smart citizens, smart government, and smart waste management systems as well as related technologies and concepts. This edited book offers critical insight to the key underlying research themes within smart cities, highlighting the limitations of current developments and potential future directions."--
