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Altri autori (Persone)	SinghGhanshyam
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Nota di contenuto	Chapter 1. Introduction: Importance of Sustainable Smart City -- Chapter 2. Sustainable Smart City to Society 5.0 -- Chapter 3. Enabling Technologies for Sustainable Smart City -- Chapter 4. Internet of Things for Sustainable Smart City -- Chapter 5. 6G-IoT Framework for Sustainable Smart City: Vision and Challenges -- Chapter 6. Artificial Intelligence for Sustainable Smart Cities -- Chapter 7. Energy Management of Sustainable Smart Cities using Internet-of-Energy -- Chapter 8. Internet of Vehicles for Sustainable Smart Cities -- Chapter 9. Smart Healthcare in Sustainable Smart Cities -- Chapter 10. Unmanned Aerial Vehicles in Sustainable Smart Cities.
Sommario/riassunto	This book discusses the architecture, design and implementation of critical components of Sustainable Smart Cities to support governance, transportation, energy, healthcare, factories, technologies, securities, agriculture and education. The authors discuss the background of

sustainable smart cities architectures and technologies and describe the problems that arise in design and implementation. In particular, this book discusses a proposed, 6G-based framework and architecture of IoT based sustainable smart cities. The authors describe the use of artificial intelligence in many zones of cities to increase the system's performance and efficiency. With the detailed discussion of energy management in smart cities, they have also presented how Internet of Vehicles (IoV) uses wireless communication and sensing technology to establish a network of information exchange between vehicles, infrastructure, and the environment. The discussion also includes Internet of Medical Things (IoMT) as well as Unmanned Aerial Vehicles (UAVs) for IoT based sustainable smart cities. This book explores societal, economic, and practical reforms that would promote smart cities, based on a variety of case studies. Describes 6G-IoT based framework and architecture for sustainable smart cities, potential and open research challenges; Discusses the role of artificial intelligence for potential key components of sustainable smart cities; Explores connected and cognitive technologies for monitoring and analytics of components of sustainable smart cities.

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