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Sustainable Smart Systems: Harnessing the Power of Intelligent IoT

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The Intelligent and sustainable Internet of Things has recently gotten a lot of praise because of its new frontiers applications. Several research and reports have indicated that sustainable IoT-based computing paradigms, such as smart homes, smart agriculture, and other applications, can drastically impact our daily lives. The evolution of the sustainable IoT-based paradigm has reached a fork in the road. Sustainable IoT-based computing frameworks/systems can act as simple sensing devices or regular information systems with established protocols and regulations if they lack intelligence. As a result, it may not be able to provide the services we need to push the smart computing paradigm forward. The intelligent and sustainable IoT computing paradigm can handle the huge amounts of data generated by linked devices and intelligent systems. This massive amount of data from sustainable IoT devices and systems contains a wealth of information. All that is required is the development of wiser systems through the use of intelligent technologies that can give us with accurate and efficient decision-making. New business models, digital transformation, and design and deployment of sustainable IoT solutions for all smart applications, as well as Novel Architecture and Protocols for sustainable IoT. The fundamental goal of this edited book is to discover, analyse, and provide inspiration for the future vision of the advanced 'Internet of Things' by imagining traditional sustainable IoT. The main purpose is to give a better learning platform for senior undergraduate and graduate students, researchers, scientists, ecologists, biologists, newcomers to the field, computer scientists, statisticians, and industry experts to adopt successful approaches for various applications. The major goal is to give a foundational and cohesive set of ideas about the sustainable IoT for practise, as well as to cultivate eager learners through implementations to tackle cutting-edge challenges by graduate and post-graduate students, interdisciplinary researchers, and others.

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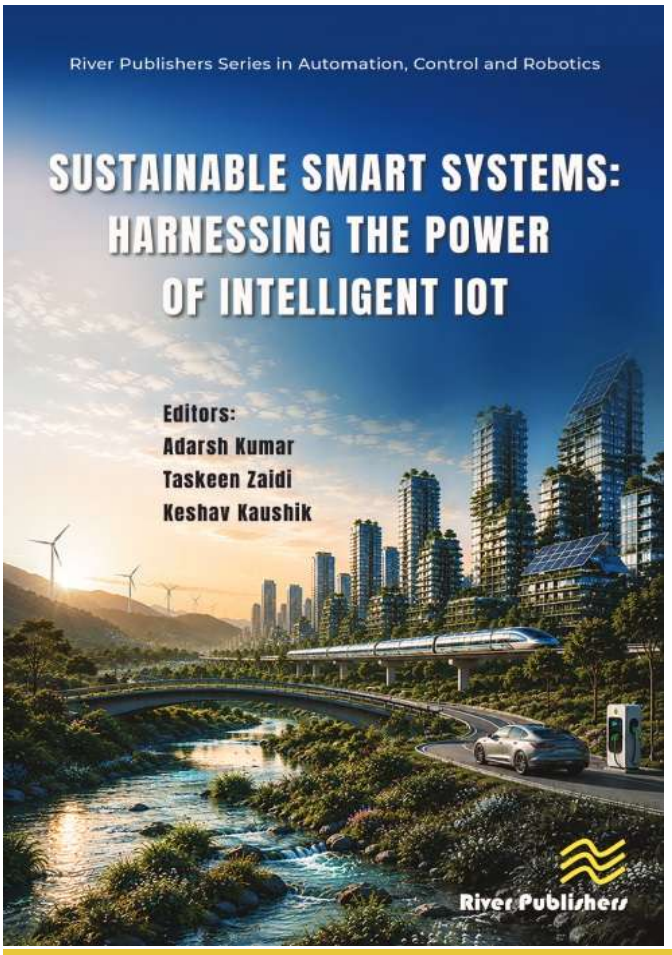

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