Enabling Technologies For Next Generation Wireless Communications

by a team of experts in the field

This book provides a comprehensive overview of the latest enabling technologies for next generation wireless communications. It covers a wide range of topics, including 5G, Internet of Things (IoT),cloud computing, and edge computing. The book is written by a team of experts in the field, and it provides a unique perspective on the future of wireless communications.

5G: The Next Generation of Wireless Communications

5G is the next generation of wireless communications technology. It is designed to provide faster speeds, lower latency, and more reliable connections than previous generations of wireless technology. 5G will enable a wide range of new applications, including self-driving cars, remote surgery, and virtual reality. The book provides a comprehensive overview of 5G technology, including its benefits, challenges, and applications.

Enabling Technologies for Next Generation Wireless Communications (Artificial Intelligence (AI): Elementary to Advanced Practices) by Keith Booker

★★★★☆ 4.2 out of 5

Language	: English
File size	: 9409 KB
Screen Reader	: Supported
Print length	: 295 pages
X-Ray for textbooks	: Enabled

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Internet of Things (IoT)

The Internet of Things (IoT) is a network of physical devices, vehicles, buildings, and other items that are embedded with electronics, software, sensors, and network connectivity, which enables these objects to collect and exchange data. The IoT is growing rapidly, and it is expected to have a major impact on a wide range of industries, including manufacturing, healthcare, and transportation. The book provides a comprehensive overview of IoT technology, including its benefits, challenges, and applications.

Cloud Computing

Cloud computing is a model for delivering computing services over the Internet. Cloud computing services are typically provided on a pay-as-you-go basis, and they can be accessed from anywhere with an Internet connection. Cloud computing is becoming increasingly popular, as it can provide businesses with a number of benefits, including cost savings, scalability, and flexibility. The book provides a comprehensive overview of cloud computing technology, including its benefits, challenges, and applications.

Edge Computing

Edge computing is a computing paradigm that brings computation and data storage resources closer to the devices and sensors that generate and consume data. Edge computing can reduce latency and improve performance for a wide range of applications, including self-driving cars, remote surgery, and virtual reality. The book provides a comprehensive overview of edge computing technology, including its benefits, challenges, and applications.

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This book is a must-read for anyone who wants to understand the latest developments in wireless communications technology. It is also a valuable resource for anyone who is planning to develop or deploy next generation wireless communications systems.

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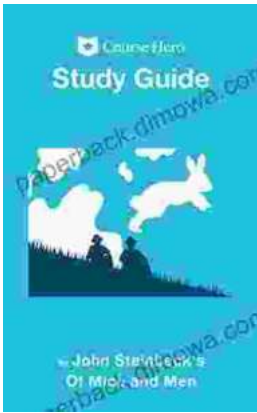DOWNLOAD E-BOOK

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