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6G-Enabled IoT and AI for Smart Healthcare

Challenges, Impact, and Analysis

In today's era, there is a need for a system that can automate the process of treatment for the patient if medical facilities are out of reach. Smart healthcare can step in to make the patient more self-dependent. 6G with its features can be seen as the future of smart healthcare with IoT and AI. 6G-Enabled IoT and AI for Smart Healthcare: Challenges, Impact, and Analysis offers the fundamentals, history, reality, and challenges faced in the smart healthcare industry today. It discusses the concepts, tools, and techniques of smart healthcare as well as the analysis used. The book details the role that machine learning-based deep learning and 6G-enabled IoT concepts play in the automation of smart healthcare systems. The book goes on to presents applications of smart healthcare through various real-world examples and includes chapters on security and privacy in the 6G-enabled and IoT environment, as well as research on the future prospects of the smart healthcare industry. This book: - Offers the fundamentals, history, reality, and the challenges faced in the smart healthcare industry - Discusses the concepts, tools, and techniques of smart healthcare as well as the analysis used - Details the role that machine learning-based deep learning and 6G-enabled IoT concepts play in the automation of smart healthcare systems - Presents applications of smart healthcare through various real-world examples - Includes topics on security and privacy in 6G-enabled IoT, as well as research and future prospectus of the smart healthcare industry Interested readers of this book will include anyone working in or involved in smart healthcare research which includes, but is not limited to healthcare specialists, computer science engineers, electronics engineers, systems engineers, and pharmaceutical practitioners.

155,50 €
145,33 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9781032343457
Medium: Buch
ISBN: 978-1-032-34345-7
Verlag: CRC Press
Erscheinungstermin: 21.06.2023
Sprache(n): Englisch
Auflage: 1. Auflage 2023
Serie: Artificial Intelligence in Smart Healthcare Systems
Produktform: Gebunden
Gewicht: 553 g
Seiten: 266
Format (B x H): 156 x 234 mm

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