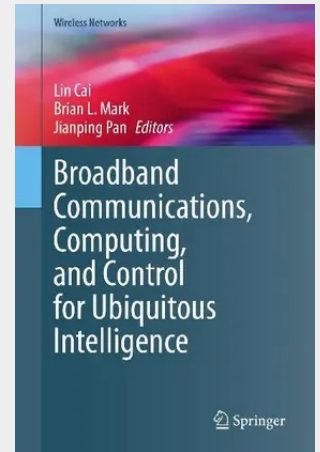


Broadband Communications, Computing, and Control for Ubiquitous Intelligence

This book reports on the latest advances from both industry and academia on ubiquitous intelligence and how it is enabled by 5G/6G communication technologies. The authors cover network protocol and architecture design, machine learning and artificial intelligence, coordinated control and digital twins technologies, and security and privacy enhancement for ubiquitous intelligence. The authors include recent studies of performance analysis and enhancement of the Internet of Things, cyber-physical systems, edge computing, and cyber twins, all of which provide importance guidance and theoretical tools for developing future ubiquitous intelligence. The content of the book will be of interest to students, educators, and researchers in academia, industry, and research laboratories.

- Provides comprehensive coverage of enabling communications, computing, and control technologies for ubiquitous intelligence;
- Presents a novel paradigm of ubiquitous intelligence powered by broadband communications, computing, and control;
- Includes a review of 5G/6G communication technologies, network protocol and architecture design, and ubiquitous computing.

Introduction.- Advanced communication systems.- Network architecture and protocol design.- Cloud and edge computing.- Machine learning and AI.- Coordinated control and digital twins.- Security and privacy.- Conclusion.



213,99 €

199,99 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9783030980634

Medium: Buch

ISBN: 978-3-030-98063-4

Verlag: Springer

Erscheinungstermin: 10.08.2022

Sprache(n): Englisch

Auflage: 1. Auflage 2022

Serie: Wireless Networks

Produktform: Gebunden

Gewicht: 784 g

Seiten: 352

Format (B x H): 160 x 241 mm

