



River Publishers Series in Communications and Networking

5G, Cybersecurity and Privacy in Developing Countries

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ISBN: 9788770226479

e-ISBN: 9788770226462

Available From: February 2023

Price: € 108.50

Description:

5G, the emerging technology in mobile communication, is expected to deliver an important and decisive impact on several of the UN's Sustainable Development Goals where universal accessibility to ICTs remains a serious concern. However, cyber security has emerged as a serious challenge, not least because of the increased accessibility and broader usage with associated vulnerability. Developing countries have additional challenges associated with both the expected faster build-up of accessibility and lack of qualified competencies within cyber security. Discussion of these challenges is the overall theme and motivation for this book.

Technical topics discussed in the book include:

- 5G in rural networks
- Critical infrastructures
- Open RAN
- Protection of privacy
- Cybersecurity and machine learning
- Cybersecurity and disaster monitoring

Keywords: 5G; rural networks; critical infrastructures; OpenRAN; user acceptance; disaster monitoring; machine learning

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