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Sommario/riassunto

This book delves into the advancements and challenges of 5G and beyond wireless communication networks. It covers a range of topics including new radio technologies, massive MIMO, and non-orthogonal multiple access. The book also explores device-to-device communications, mobile edge computing, and secure spectrum sharing with machine learning. It is aimed at researchers, practitioners, and students in the field of electrical and computer engineering, providing insights into the future directions and potential applications of wireless networks. The authors, Haijian Sun, Rose Qingyang Hu, and Yi Qian, bring expertise from academia to discuss the technical requirements and enabling technologies for next-generation networks.