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14.6 Compressed Sensing -- 14.7 Microwave Photonic Quantum Key
Distribution.
14.8 Discussion and Conclusion.

Sommario/riassunto

This book, 'Microwave Photonics', provides an in-depth exploration of the integration of photonics and microwave technologies. It covers a range of topics including the photonic generation of microwave signals, signal processing, distribution, and applications in beamforming networks for phased array antennas. The book also delves into the technical aspects of optical devices used in microwave photonics, such as optical fibers, modulators, and sensors. It is aimed at professionals and researchers in the field of electrical and electronics engineering, offering insights into advanced concepts such as quantum microwave photonics and integrated microwave photonics. Authored by experts in the field, it serves as a comprehensive resource for understanding the latest advancements and applications in microwave photonics.

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