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Sommario/riassunto

This book provides an in-depth exploration of microwave and polarimetric radiometry, focusing on principles, theories, and applications. It covers topics such as signals, receivers, antennas, calibration, and imaging techniques, with a particular emphasis on their use in remote sensing. The book is a comprehensive guide for engineers and researchers, detailing the contributions of Prof. Ignasi Corbella to the field, including his work on the SMOS mission for measuring soil moisture and ocean salinity. It aims to serve as a valuable reference for those working with radiometric instruments and advanced radiometry techniques.
