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Sommario/riassunto

This book, 'Signal Processing for Joint Radar Processing for Joint Radar,' edited by Kumar Vijay Mishra, M. R. Bhavani Shankar, Björn Ottersten, and A. Lee Swindlehurst, delves into the advanced signal processing techniques for joint radar and communication systems. It explores the fundamental limits, interference management, beamforming, and information-theoretic aspects crucial for enhancing radar systems' efficiency. The book is structured into sections covering theoretical foundations, signal processing methodologies, and networking hardware considerations. It addresses challenges such as spectrum sharing, interference suppression, and resource allocation in joint radar systems, making it a valuable resource for engineers and researchers in the field of radar and communication technology.