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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Electromagnetic back-scattering from targets. Radar signal and noise. Radar ambiguity function and matched filter. Synthetic aperture radar imaging -- Time-frequency transforms. Linear time-frequency transforms. Bilinear time-frequency transforms -- Detection and extraction of signal in noise. Time-varying frequency filtering. SNR improvement in the time-frequency domain. CFAR detection in the joint time-frequency domain. Signal extraction in the joint time-frequency domain -- Time-frequency analysis of radar range profiles. Electromagnetic phenomenology embedded in back-scattered data
Sommario/riassunto	Annotation