

1. Record Nr.	UNINA9910455790503321
Autore	Chen Victor C.
Titolo	Time-frequency transforms for radar imaging and signal analysis / / . Victor C. Chen, Hao Ling
Pubbl/distr/stampa	Boston, Massachusetts : , : Artech House, , [2002] [Piscataway, New Jersey] : , : IEEE Xplore, , [2001]
ISBN	1-5231-1766-4 1-58053-549-6
Descrizione fisica	1 online resource (232 p.)
Collana	Artech House radar library
Altri autori (Persone)	LingHao
Disciplina	621.3848
Soggetti	Imaging systems - Mathematics Radar - Mathematics Signal processing - Mathematics Time-domain analysis Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
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