

1. Record Nr.	UNINA9910781174203321
Autore	Guerci J. R.
Titolo	Cognitive radar : the knowledge-aided fully adaptive approach // Joseph R. Guerci
Pubbl/distr/stampa	Boston : , : Artech House, , [2010] [Piscataqay, New Jersey] : , : IEEE Xplore, , [2010]
ISBN	1-5231-1702-8 1-59693-365-8
Descrizione fisica	1 online resource (180 p.)
Collana	Artech House radar library
Disciplina	621.3848 621.38485
Soggetti	Adaptive signal processing Human-computer interaction Radar
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	Introduction -- Optimum Multi-Input Multioutput (MIMO) radar -- Adaptive Multi-Input Multioutput (MIMO) radar -- Introduction to Knowledge-Aided (KA) adaptive radar -- Putting it all together.
Sommario/riassunto	Chronicling the new field of cognitive radar (CR), this cutting-edge resource provides an accessible introduction to the theory and applications of CR, and presents a comprehensive overview of the latest developments in this emerging area. The first book on the subject, Cognitive Radar covers important breakthroughs in advanced radar systems, and offers new and powerful methods for combating difficult clutter environments. You find details on specific algorithmic and real-time high-performance embedded computing (HPEC) architectures. This practical book is supported with numerous examples that.