

1. Record Nr.	UNINA9910583037303321
Titolo	Academic Press library in signal processing . Volume 7 Array, radar and communications engineering / / edited by Rama Chellappa, Sergios Theodoridis
Pubbl/distr/stampa	London, England : , : Academic Press, , 2018 ©2018
ISBN	0-12-811888-1 0-12-811887-3
Descrizione fisica	1 online resource (654 pages) : illustrations (some color), graphs
Disciplina	621.3822
Soggetti	Signal processing
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Holistic radar waveform diversity / Shannon D. Bliunt, John Jakabosky, Patrick McCormick, Peng Seng Tan, Justin G. Metcalf -- Geometric foundations for radar signal processing / Kevin J. Sangston -- Foundations of cognitive radar for next-generation radar systems / Nathan A. Goodman -- Parameter bounds under misspecified models for adaptive radar detection / Stefano Fortunati, Fulvio Gini, Maria S. Greco -- Multistatic radar systems / Daniel W. O'Hagan, Shaun R. Doughty, Michael R. Inggs -- Sparsity-based radar techniques / Matthias Weiss -- Millimeter-wave radar systems and techniques / Akram Al-Hourani, Robin J. Evans, Peter M. Farrell, Bill Moran, Marco Martorella, Sithamparanathan Kandeepan, Stan Skafidas, Udaya Parampalli -- Signal processing for Massive MIMO Communications / Muhammad R.A. Khandaker, Kai-Kit Wong -- Recent advances in distributed beamforming / Shahram ShahbazPanahi, Yindi Jing -- Transmit beamforming for simultaneous wireless information and power transfer / Liang Liu, Jie Xu, Rui Zhang -- Sparse methods for direction-of-arrival estimation / Zai Yang, Jian Li, Petre Stoica, Lihua Xie -- Beamforming techniques using microphone arrays / Rohith Mars, Vaninirappuputhenpurayil Gopalan Reju, Andy W.H. Khong, Yusuke Hioka, Kenta Niwa.

"Academic Press Library in Signal Processing, Volume 7: Array, Radar and Communications Engineering is aimed at university researchers, post graduate students and R&D engineers in the industry, providing a tutorial-based, comprehensive review of key topics and technologies of research in Array and Radar Processing, Communications Engineering and Machine Learning. Users will find the book to be an invaluable starting point to their research and initiatives. With this reference, readers will quickly grasp an unfamiliar area of research, understand the underlying principles of a topic, learn how a topic relates to other areas, and learn of research issues yet to be resolved."--
