

1. Record Nr.	UNINA9910962778003321
Autore	Pace Phillip E
Titolo	Detecting and classifying low probability of intercept radar // Phillip E. Pace
Pubbl/distr/stampa	Boston, : Artech House, c2009
ISBN	9781523117079 1523117079 9781596932357 159693235X
Edizione	[2nd ed.]
Descrizione fisica	1 online resource (892 p.)
Collana	Artech House radar library
Disciplina	623/.7348
Soggetti	Low probability of intercept radar Radar - Military applications Signal detection - Mathematics
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	To see and not be seen -- LPI technology and applications -- Ambiguity analysis of LPI waveforms -- FMCW radar -- Phase shift keying techniques -- Frequency shift keying techniques -- Noise techniques -- Over-the-horizon radar -- Case study: Antiship LPI missile seeker -- Network-centric warfare and netted LPI radar systems -- Strategies for intercepting LPI radar signals -- Wigner-Ville distribution analysis of LPI radar waveforms -- Choi-Williams distribution analysis of LPI radar waveforms -- LPI radar analysis using quadrature mirror filtering -- Cyclostationary spectral analysis for detection of LPI radar parameters -- Antiradiation missiles -- Autonomous classification of LPI radar modulations -- Autonomous extraction of modulation parameters -- Appendixes.
Sommario/riassunto	"This comprehensive book presents LPI radar design essentials, including ambiguity analysis of LPI waveforms, FMCW radar, and phase-shift and frequency-shift keying techniques. Moreover, you find details on new OTHR modulation schemes, noise radar, and spatial multiple-input multiple-output (MIMO) systems. The book explores autonomous non-linear classification signal processing algorithms for identifying LPI

modulations. It also demonstrates four intercept receiver signal processing techniques for LPI radar detection that helps you determine which time-frequency, bi-frequency technique best suits any LPI modulation of interest."--Publisher.

2. Record Nr.	UNINA9910404077903321
Autore	Tung Yi-Chung
Titolo	Organs-on-chips
Pubbl/distr/stampa	MDPI - Multidisciplinary Digital Publishing Institute, 2020
ISBN	3-03928-918-7
Descrizione fisica	1 online resource (262 p.)
Soggetti	History of engineering and technology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	Recent advances in microsystems technology and cell culture techniques have led to the development of organ-on-chip microdevices that produce tissue-level functionality, not possible with conventional culture models, by recapitulating natural tissue architecture and microenvironmental cues within microfluidic devices.

3. Record Nr.	UNINA9910157563303321
Autore	Rae Holland Holland
Titolo	The Adventurous Heart
Pubbl/distr/stampa	Liquid Silver Books
ISBN	1-62210-392-0
Descrizione fisica	1 online resource (175 p.)
Soggetti	Inheritance and succession Explorers
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	<p>Previously published (2015) Amazon. When Andrea DuPonte Morgan left England at only sixteen years of age, he had no plan of ever returning. The legal son of a country lord and his clandestinely married African servant, Andrea could see no future for himself there. Twelve years later, he is a leading explorer in the American islands, ready to embark upon the greatest adventure of his life -- the quest for the lost treasure of Francisco Coronado. But when he can no longer fund the trip, Andrea is faced with a choice: Does he forsake his explorer's legacy, or does he return to the shores of England, where the late Lord Morgan has bequeathed him the entire estate, even if it requires coming face-to-face with everything he left behind? And if he does return, who will be waiting for him there? Lady Georgina Wyndham would go to any measure to protect her young sister Iris, even if it requires sacrificing her own dowry so Iris never knows the extent of their father's gambling and drinking debt. Any measure includes the reopening of her father's defunct solicitor's firm, a means of staving off their encroaching poverty. But as Georgina wrestles with her own disadvantages as a woman, she is soon forced to confront the disadvantages of another. In a moment of desperation, she accepts a job that could keep both Iris and her safe -- if it doesn't ruin her first. This case is by far the most difficult she has ever had to manage, but through its course, Georgina might just learn that there is more to her</p>

strange and worldly client than meets the eye, and that real treasure  
can be found in the most unlikely of places.

---