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Autore	Brooker Graham
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Descrizione fisica	1 online resource (1028 pages)
Collana	Electromagnetic Waves
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Nota di contenuto	Chapter 1: Introduction to sensingChapter 2: Signal processing and modulationChapter 3: IR radiometers and image intensifiersChapter 4: Millimetre-wave radiometersChapter 5: Active ranging sensorsChapter 6: Active imaging sensorsChapter 7: Signal propagationChapter 8: Target and clutter characteristicsChapter 9: Detection of signals in noiseChapter 10: Doppler measurementChapter 11: High-range-resolution techniquesChapter 12: High angular-resolution techniquesChapter 13: Range and angle estimation and trackingChapter 14: Tracking moving targetsChapter 15: RFID tags and transpondersChapter 16: Tomography and 3D imaging.
Sommario/riassunto	This comprehensive textbook and reference provides a solid background in active sensing technology, for graduate students studying sensing systems and industry professionals wishing to expand or update their knowledge. This new edition has been comprehensively updated and expanded to include the latest radar technologies.