

Content

Preface	v
1. Assessing Power Amplifier Distortions on Radar Waveforms for Spectral Coexistence	1
<i>Augusto Aubry, Vincenzo Carotenuto, Antonio De Maio, Alfonso Farina, Alessio Izzo, Rosario Schiano Lo Moriello</i>	
2. Radar Clutter as a Communications-Enabling Ambient Signal.....	17
<i>Emanuele Grossi, Marco Lops, Luca Venturino</i>	
3. OFDM Radar Based on Communication Signals of Opportunity.....	31
<i>P. Lombardo, F. Colone, C. Bongioanni, F. Filippini, G. P. Blasone, M. Di Seglio, J. Trujillo Rodriguez</i>	
4. A mitigation approach for Radio Frequency Interferences corrupting airborne FMCW SAR data.....	71
<i>A. Di Vincenzo, A. Natale, A. De Maio, P. Berardino, C. Esposito, R. Lanari, S.Perna</i>	
5. Continuous-Emission Noise Radars: a Tool for an Efficient and Secure Use of the Electromagnetic Spectrum	91
<i>Gaspare Galati, Gabriele Pavan, Christoph Wasserzier</i>	
6. Sequential Convex Approximation based MIMO Radar Beampattern Design with Multi-Spectral Constraints.....	115
<i>Guolong Cui, Xianxiang Yu, Hui Qiu, Jing Yang, and Lingjiang Kong</i>	
7. Waveform Design in MIMO Radars for Range-ISL Minimization and Spectral Compatibility	139
<i>Ehsan Raei, Mohammad Alae-Kerharoodi</i>	
8. Assessment of UAV-Based ISAC SAR Imaging: Techniques and Performance Evaluation	153
<i>Marco Manzoni, Francesco Linsalata, Stefano Moro, Stefano Tebaldini</i>	