Special Issue

Recent Advances in Radar Imaging Techniques and Applications

Message from the Guest Editors

Radar-oriented interpretation technology is a key part of radar technology. Recent requirements for modern radar systems for feature description, localization, and classification have prompted the development of target imaging, target detection and recognition, etc. Interpretation algorithms determine the optimization space for radar exploration, and a variety of complex scenarios have led to an increasingly high demand for radar interpretation algorithms for realistic tasks. The introduction of new signal processing and artificial intelligence technology has made radar interpretation highly valuable. However, focusing on signal feature learning and image semantic learning, there are still many challenges to constructing a new paradigm for intelligent radar target interpretation, which has continuously stimulated research interest from the worldwide scientific community.

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