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A Novel Radar Signal Recognition

In this paper, a novel recognition model which is called RSRDRBM (radar signal recognition based on deep restricted Boltzmann machine) is proposed to solve the radar signal recognition problem. RSRDRBM is based on deep learning method, and composed of multiple restricted Boltzmann machine. This neural network model could extract the feature in

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adopt principal component analysis (PCA) for dimensionality reduction of data. A Novel Radar HRRP Recognition Method with Accelerated T ... Novel deep learning approaches are achieving state-of-the-art accuracy in the area of radar target recognition, enabling applications beyond the scope of human-level performance. This book provides an introduction to the unique aspects of machine learning for radar signal processing that any scientist or engineer seeking to apply these ... Download eBook - Deep Neural Network Design for Radar ... Based on mathematical analysis above, we will illustrate a novel radar signal recognition method in subsequent sections. 3. Construction of feature vectors for signals. As is mentioned, AF reveals the energy distribution in time

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dB. Intra-pulse modulation radar signal recognition based on ...RADAR signal emitter recognition is an important aspect of electronic warfare reconnaissance systems that seeks to identify individual radar emitters through an analysis of the electromagnetic signals and thereby determine vital information regarding the technical level, performance, position, and deployment conditions of enemy radar systems for supporting decision making regarding enemy weapon systems and targets [1Radar Signal Emitter Recognition Based on Combined ...A Novel Method for Recognition of Modulation Code of LPI Radar Signals L. Anjaneyulu¹, N.S.Murthy², N.V.S.N.Sarma³ ^{1,3}Department of ECE, National Institute of Technology,

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