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Block Sparse Representation and Suppression of Narrow-Band Interference Signals for Quadrature Compressive Sampling Radar

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**Highlights**

- A universal dictionary is developed to represent narrow-band interference signals.
- Block sparse representation of narrow-band interference signals is derived.
- A joint estimation method for sparse and block sparse signals is presented.
- Data-driven stopping conditions for OMP and BOMP algorithms are proposed.

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