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Off-grid DOA estimation under nonuniform noise via variational sparse Bayesian learning

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Highlights

- An off-grid DOA estimation method under nonuniform noise is proposed.
- The proposed method alleviates the nonuniformity of senor noise.
- A weighted partial virtual array output is exploited.
- A hierarchical Bayesian model is built with an almost Jeffrey's prior incorporated.
- The proposed method can work without the knowledge of the number of sources.

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