



 \star The number of sources *D* is known.



The Role of Difference Coarrays in Correlation Subspaces

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Numerical Examples

Nested array ($N_1 = N_2 = 5$, 10 sensors); $\bar{\theta}_i =$ $0, \pm 0.045$ (3 uncorrelated, equal-power sources); L is 10 for $\alpha = 0.1$, 17 for $\alpha = 0.2$; 1000 Monte-Carlo runs; Coarray MUSIC [6]; RMSE = $\sqrt{\sum_{i=1}^{D} (\hat{\bar{\theta}}_i - \bar{\theta}_i)^2}/D.$





Concluding Remarks

- Generalized correlation subspace.
- Prior knowledge about sources.
- Redundancy averaging (Rectification).

References

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