

# Direct Signal Space Construction Luenberger Tracker with Quadratic Least Square Regression for Computationally Efficient DoA Tracking

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## <Data Availability Statement>

The data used to support the findings of this study are included within the supplementary information files named 'DoA\_k.xlsx' and 'sigma2\_k.xlsx' :

- (1) '**DoA\_k.xlsx**' includes the numerical values of  $\theta_k(nT)$  in **Figures 4 and 8**
- (2) '**sigma2\_k.xlsx**' includes the numerical values of  $\sigma_k^2[n]$  in **Figure 5**