Erratum

Corrections to "Multitarget Identification and Localization Using Bistatic MIMO Radar Systems"

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Firstly, the second term $\mathbf{v}$ of (4) in [1] is zero-mean complex Gaussian with $\mathbf{v} \sim N^c(0, \sigma_v^2 \mathbf{I}_{NM})$, where $\sigma_v = (1/\sqrt{L})\sigma_w$. Also, the σ_w^2 in (8) should be changed to $\sigma_\mathbf{v}^2$. Secondly, if we have Q-independent pulses, the Fisher information matrix in (9) should be [2]

$$\mathbf{J}(\boldsymbol{\xi}) = Q\mathrm{tr}\left[\mathbf{R}_\eta^{-1}(\boldsymbol{\xi})\frac{\partial \mathbf{R}_\eta(\boldsymbol{\xi})}{\partial \boldsymbol{\xi}}\mathbf{R}_\eta^{-1}(\boldsymbol{\xi})\frac{\partial \mathbf{R}_\eta(\boldsymbol{\xi})}{\partial \boldsymbol{\xi}}\right]. \qquad (1)$$

The corresponding formulas of CRB in the appendix should be revised.

Owing to these corrections, Figures 3, 4, 5, and 6 of the original submission would require small adjustments.

REFERENCES

[1] H. Yan, J. Li, and G. Liao, "Multitarget identification and localization using bistatic MIMO radar systems," *EURASIP Journal on Advances in Signal Processing*, vol. 2008, Article ID 283483, 8 pages, 2008.

[2] H. L. van Trees, *Optimum Array Processing: Part IV*, John Wiley & Sons, New York, NY, USA, 2002.