

Errata corrige for the paper:

S. Fortunati, F. Gini, M. S. Greco, A. M. Zoubir and M. Rangaswamy, “Semiparametric CRB and Slepian-Bangs Formulas for Complex Elliptically Symmetric Distributions”, *IEEE Transactions on Signal Processing*, vol. 67, no. 20, pp. 5352-5364, 2019.

1) A minus “−” is missing in front of the right-hand side of Eq. (25). The correct equation is:

$$\bar{\mathbf{s}}_{\text{vec}(\boldsymbol{\Sigma}_0)} =_d -\mathcal{Q}\psi_0(\mathcal{Q})(\boldsymbol{\Sigma}_0^{-*/2} \otimes \boldsymbol{\Sigma}_0^{-1/2} \text{vec}(\mathbf{u}\mathbf{u}^H) - N^{-1} \text{vec}(\boldsymbol{\Sigma}_0^{-1})). \quad (25)$$

2) In Eq. (17), “vecs($\boldsymbol{\Sigma}_0$)” should be “vec($\boldsymbol{\Sigma}$)”. Specifically, the correct version of Eq. (17) is:

$$\mathbf{s}_{\phi_0} \triangleq \nabla_{\phi} \ln p_Z(\mathbf{z}; \phi_0, h_0) = [\mathbf{s}_{\boldsymbol{\mu}_0}^T, \mathbf{s}_{\boldsymbol{\mu}_0^*}^T, \mathbf{s}_{\text{vec}(\boldsymbol{\Sigma})}^T]^T. \quad (17)$$