

Errata

Publication II

Publication II contains two errors. First, in the first as well as in the last paragraph of Section 2 it is mentioned that the employed modulation scheme is assumed known. However, in fact the method does not require this information. Second, after equation (3.7) the condition for the expression to form an eigendecomposition of matrix $\mathbf{R}_x(\tau)$ should read as $\mathbf{u}_{k_1}^{rH} \mathbf{u}_{k_2}^l = 0, \forall k_1, k_2$, meaning that the vectors should be orthogonal to each other.

Publication VI

Publication VI contains an error in equations (7) and (8). In equation (7), the term Δ_K should be placed in the denominator, and the imaginary unit should be removed. Thus, the equation should read as follows:

$$\hat{\tau} = -\frac{N}{2\pi\Delta_K} \arg \left\{ \sum_{r=0}^{N_r-1} \sum_{t=0}^{N_t-1} \sum_{q=0}^{Q_p-1} \sum_{k=0}^{K_p(q)-2} \hat{g}_{r,t}(k, q) \hat{g}_{r,t}^*(k+1, q) \right\}.$$

In equation (8), the imaginary unit should be removed and the equation should read as follows:

$$\hat{\varepsilon} = \frac{N}{2\pi N_s \Delta_Q} \arg \left\{ \sum_{r=0}^{N_r-1} \sum_{t=0}^{N_t-1} \sum_{k=0}^{K_p-1} \sum_{q=0}^{Q_p(k)-2} \hat{g}_{r,t}(k, q) \hat{g}_{r,t}^*(k, q+1) \right\}.$$