

Erratum to "Minimum-Energy Band-Limited Predictor with Dynamic Subspace Selection for Time-Variant Flat-Fading Channels"

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The term $(1/2 - D_q/M)$ needs to be replaced by $(1 - D_q/M)$ in equation (63) and (64) as well as in the expressions for m_q and v_q (in the paragraph between (69) and (70)). The corrected expressions read as follows

$$\mathbf{E}\{X_q\} = \left(1 - \frac{D_q}{M}\right) \sigma_n^2 + \frac{1}{M} \|\mathbf{V}_q^H \mathbf{h}\|^2 \quad (63)$$

$$\text{var}(X_q) = \frac{1}{M} \left(1 - \frac{D_q}{M}\right) (\sigma_n^2)^2 + \frac{2\sigma_n^2}{M^2} \|\mathbf{V}_q^H \mathbf{h}\|^2 \quad (64)$$

$$v_q = 1/M (1 - D_q/M) \sigma_n^4$$

$$m_q = (1 - D_q/M) \sigma_n^2$$