

# Errata for Chapter 8

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At least the following errors have been found.

- Everywhere where  $f_s$  appears, it should be replaced by  $f_s^{-1}$ .
- Eq. 8.6 should be

$$\mathbf{d}(\phi, \theta) = [e^{-i\phi\tau_1(\theta)} \dots e^{-i\phi\tau_l(\theta)}]^H$$

- Eq. 8.13 should be

$$\mathbf{A}^H \mathbf{w} = \mathbf{r}$$

where

$$\begin{aligned} \mathbf{A} &= [\mathbf{d}(\theta_1, \phi_1) \mathbf{d}(\theta_2, \phi_2) \dots \mathbf{d}(\theta_M, \phi_M)] \\ \mathbf{d}(\phi_k, \theta_k) &= [e^{-i\phi_k\tau_1(\theta_k)} \dots e^{-i\phi_k\tau_l(\theta_k)}]^H \\ \mathbf{r} &= [r(\theta_1, \phi_1) r(\theta_2, \phi_2) \dots r(\theta_M, \phi_M)]^H \end{aligned}$$

- Eq. 8.14 should be

$$\min_{\mathbf{w}} \mathbf{w}^H \mathbf{R}_y \mathbf{w} \quad \text{subject to} \quad \mathbf{A}^H \mathbf{w} = \mathbf{r}.$$