5.2 Norms of SISO LTI Systems

Note that $\|H_{13}^{(a)}\|_{\text{step}} = 1.36$, and $\|H_{13}^{(b)}\|_{\text{step}} = 1.40$.

Figure 5.8 The step responses of the transfer functions in (5.17) and (5.18). Note that $\|H_{13}^{(a)}\|_{\text{step}} = 1.36$, and $\|H_{13}^{(b)}\|_{\text{step}} = 1.40$.

Figure 5.9 The magnitudes of the transfer functions in (5.17) and (5.18). Note that $\|H_{13}^{(a)}\|_{\infty} = 1.47$, and $\|H_{13}^{(b)}\|_{\infty} = 3.72$. 