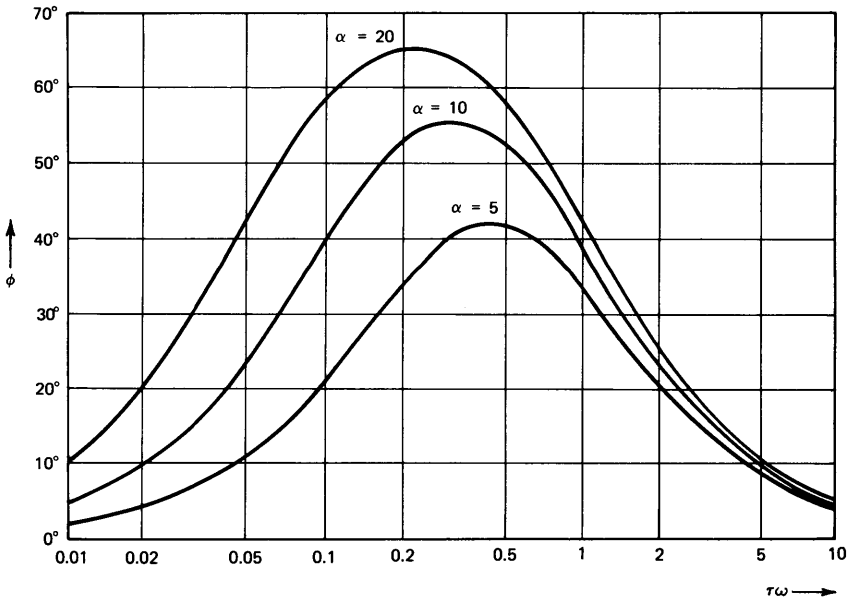
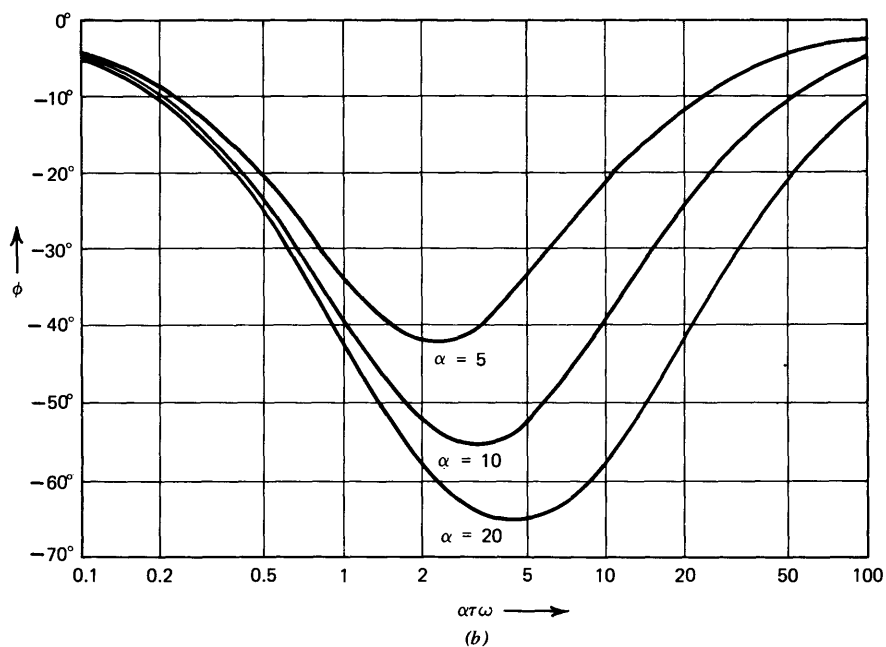
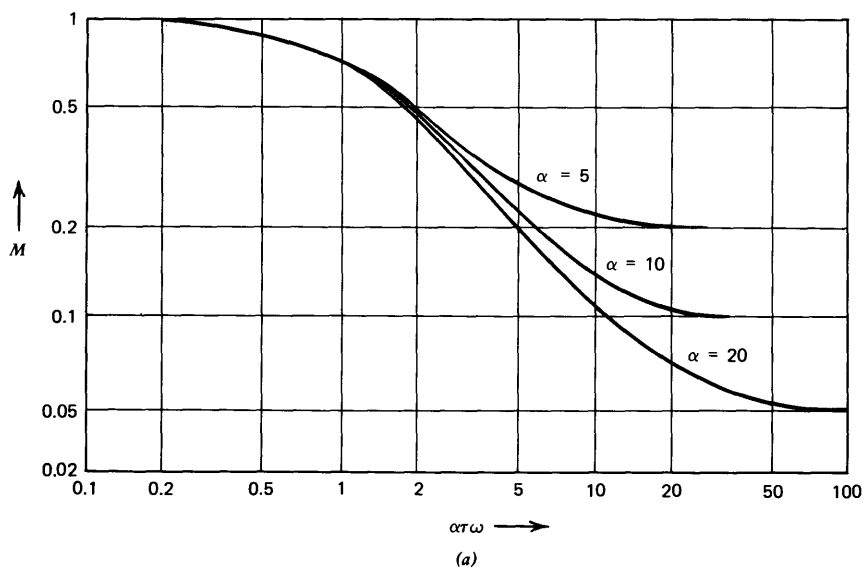


(a)



(b)

**Figure 5.7** Lead network characteristics for  $V_o(s)/V_i(s) = (1/\alpha) [(\alpha\tau s + 1)/(\tau s + 1)]$ . (a) Magnitude. (b) Angle.



**Figure 5.8** Lag network characteristics for  $V_o(s)/V_i(s) = (\tau s + 1)/(\alpha \tau s + 1)$ .  
 (a) Magnitude. (b) Angle.