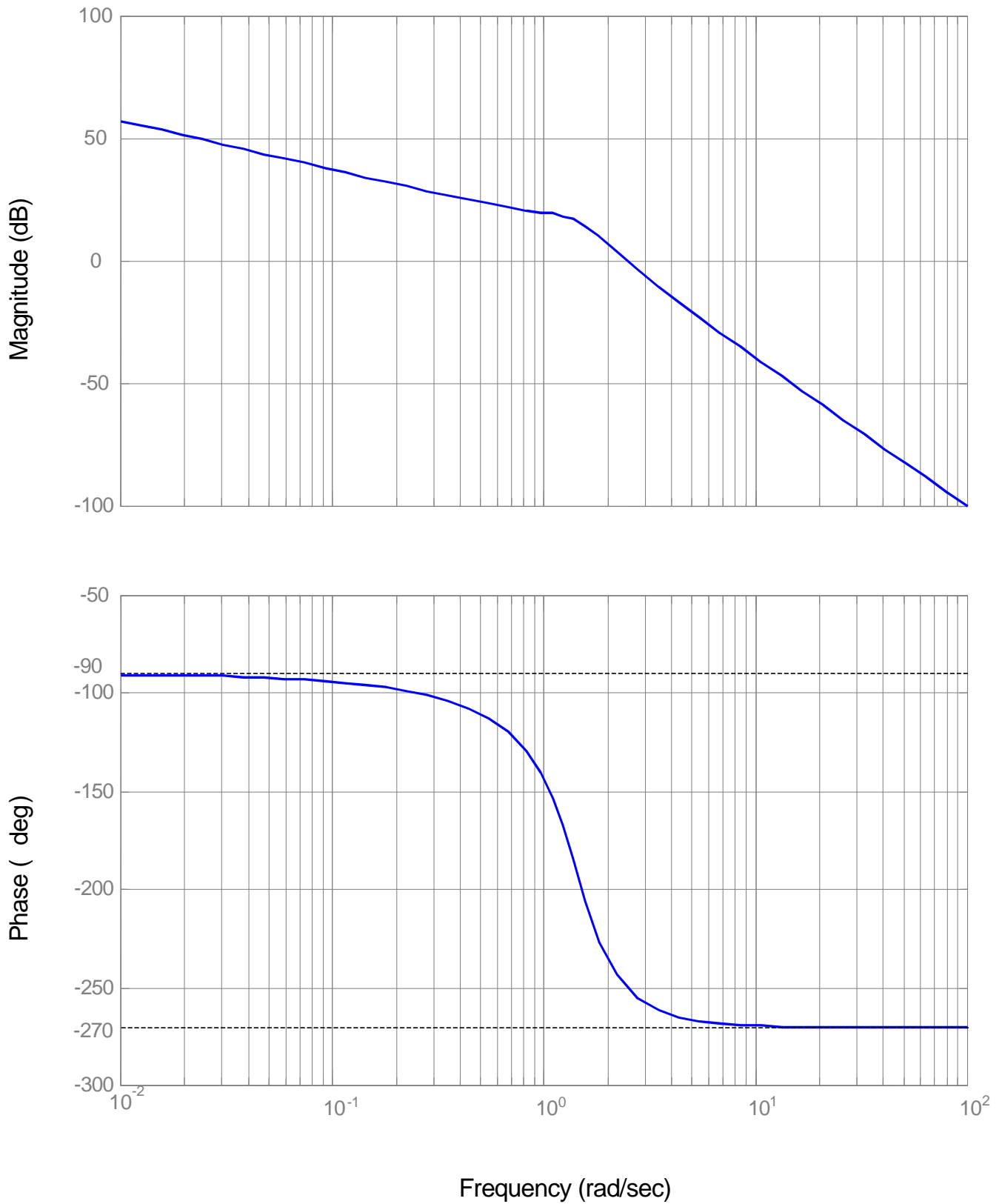
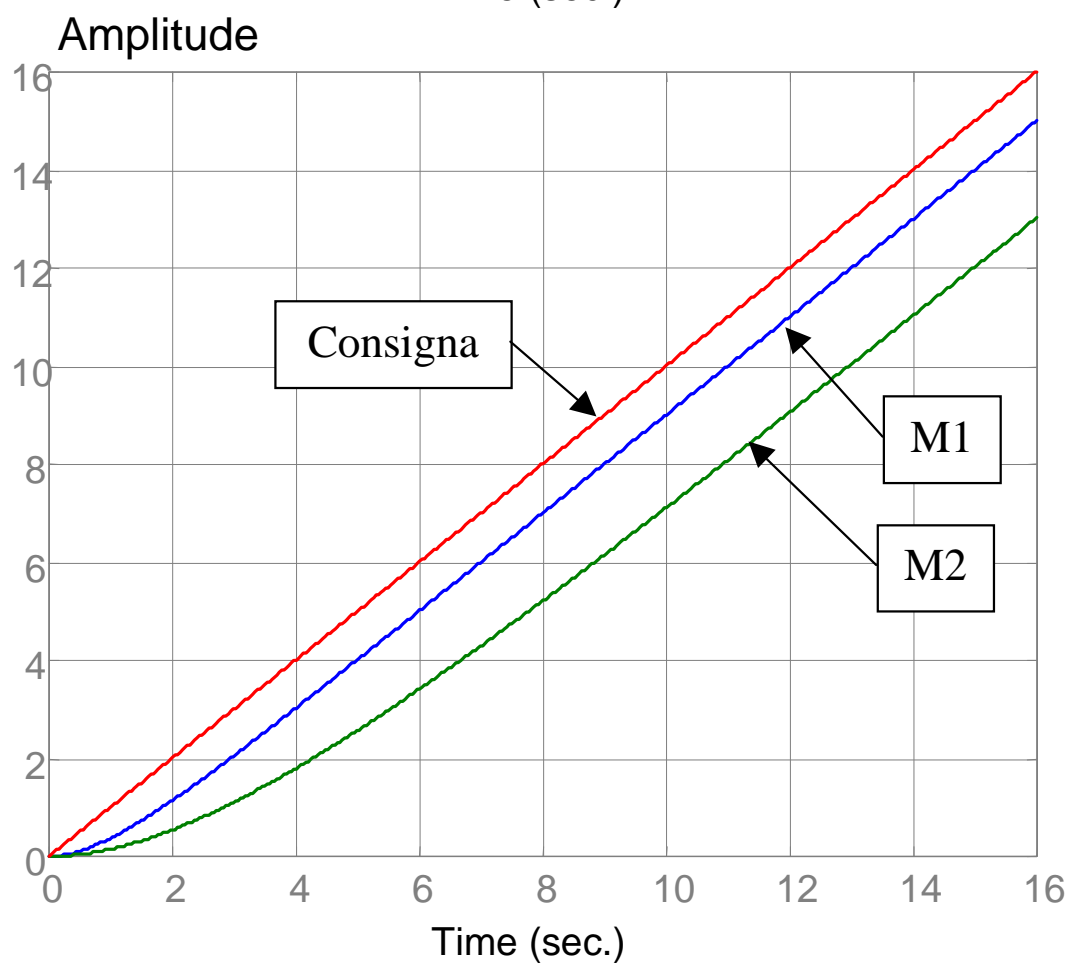
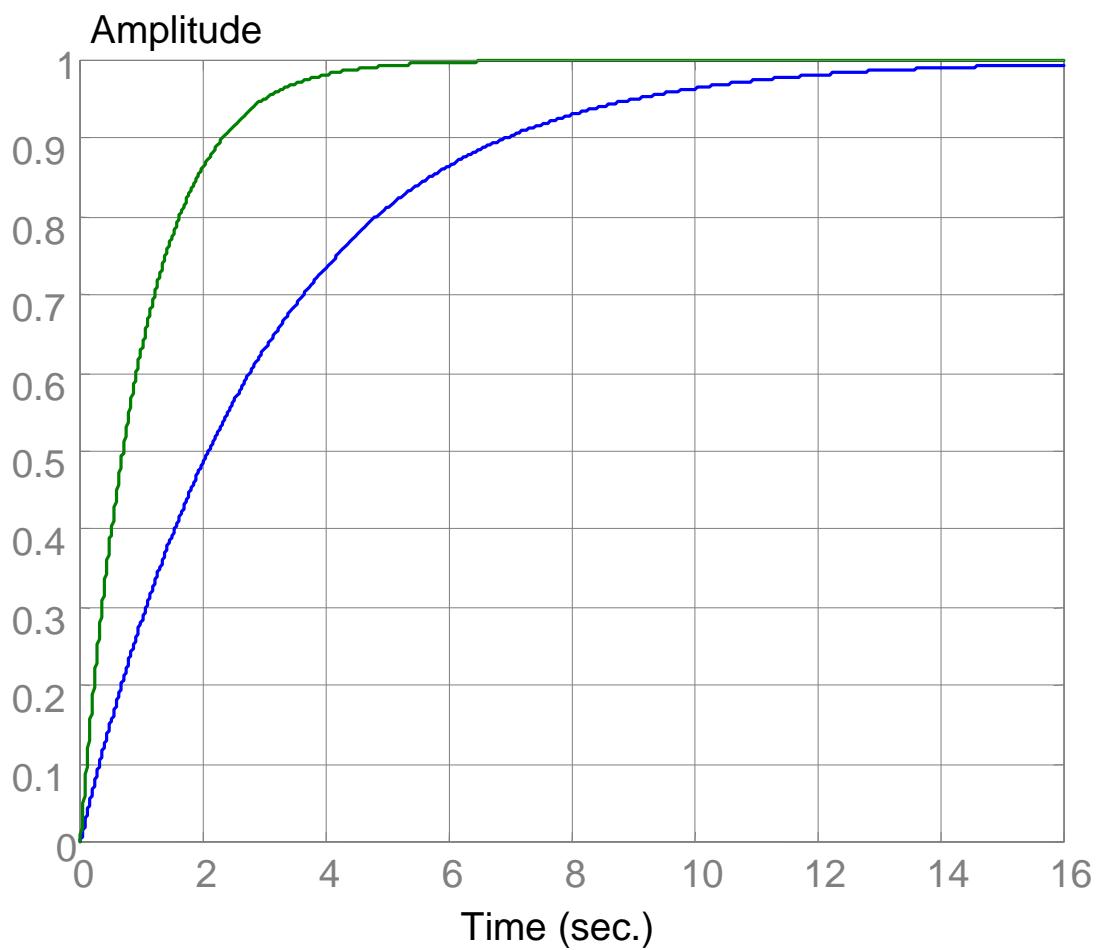
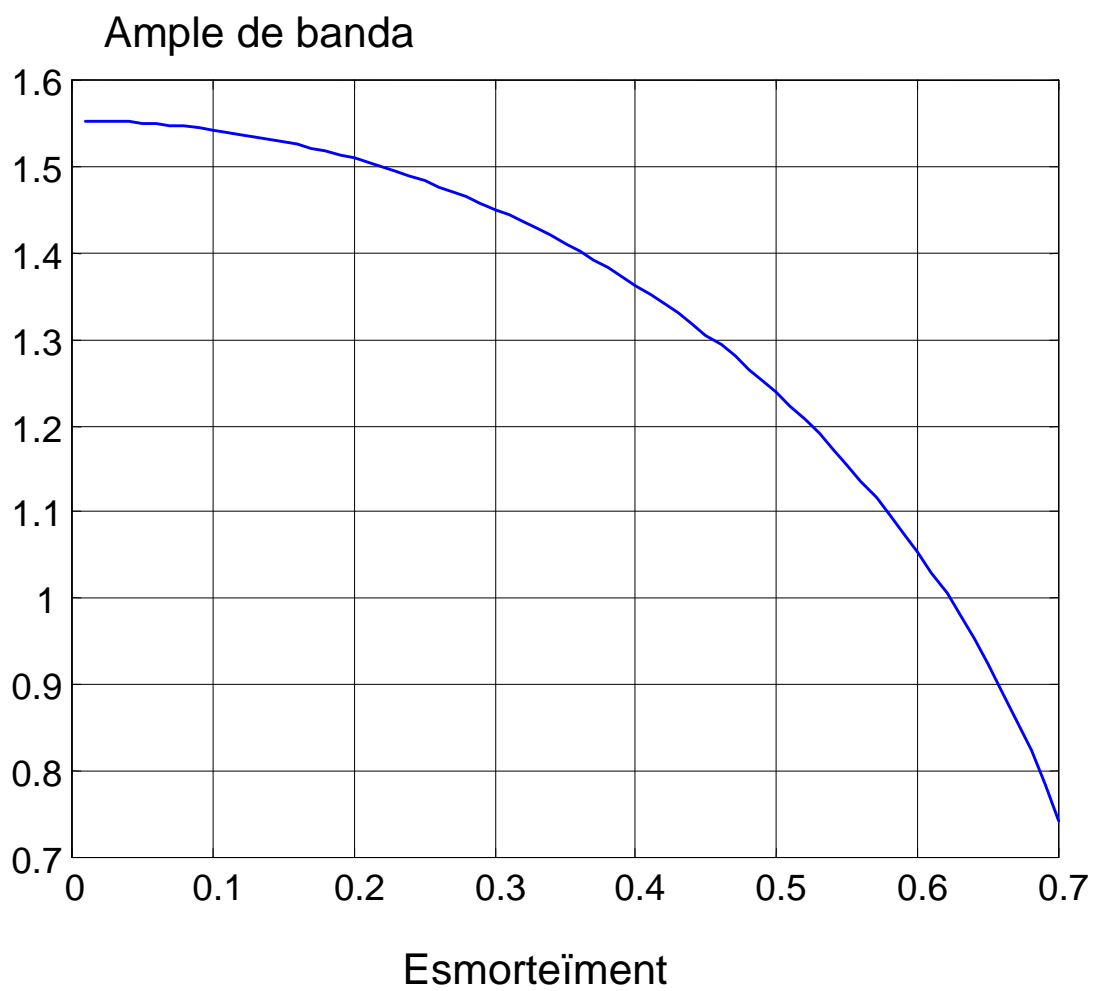
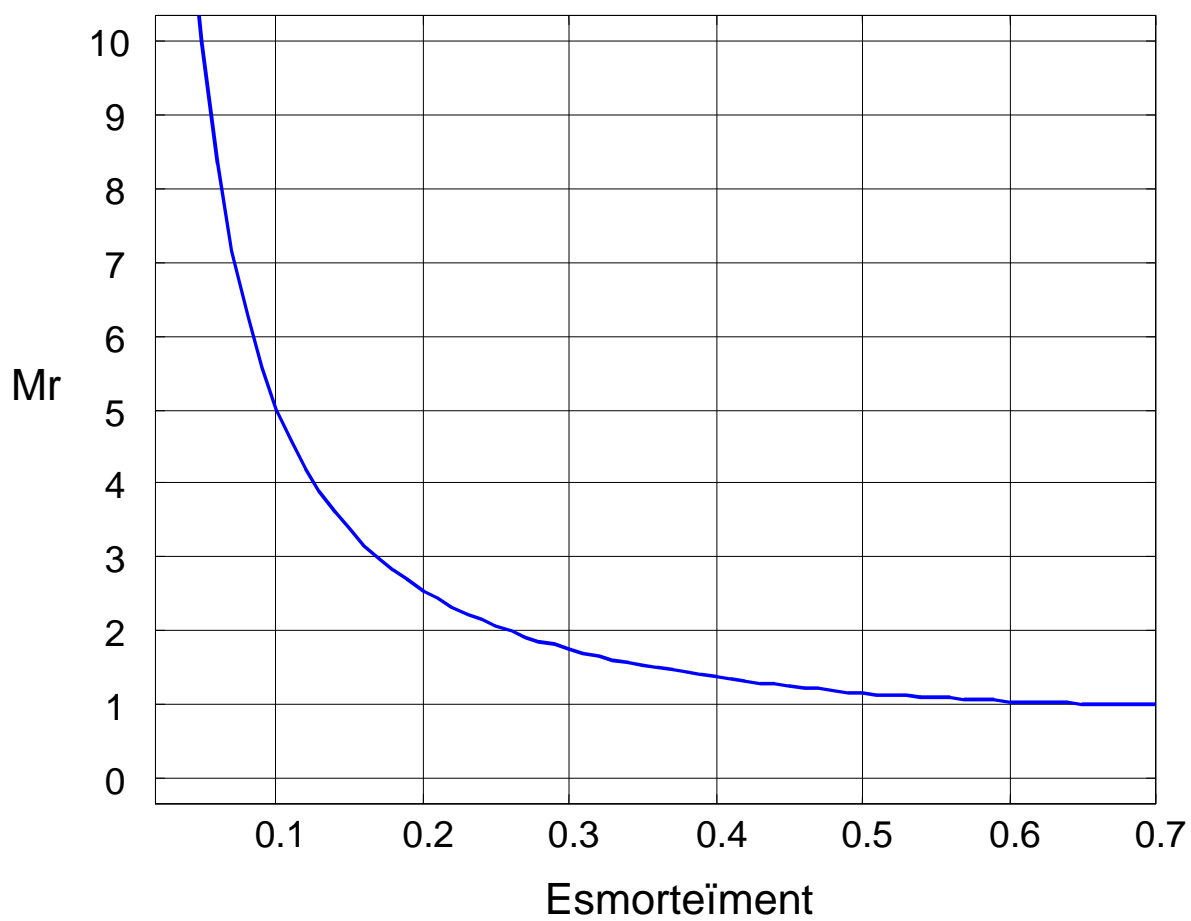


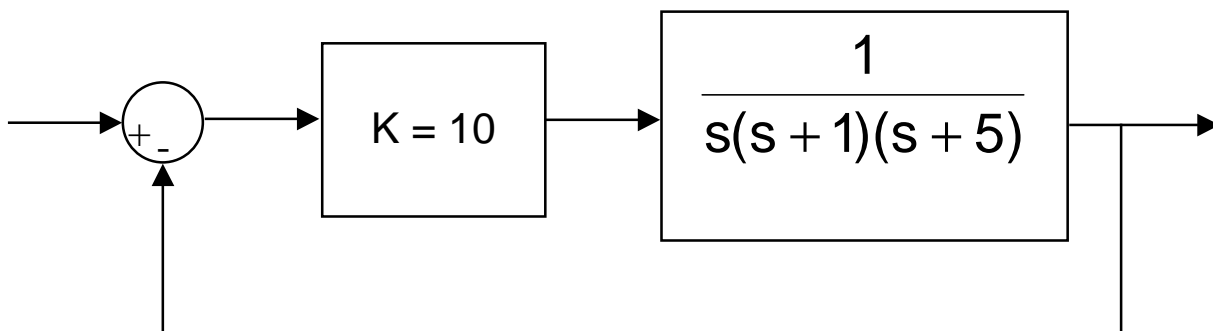
$$G(s) = \frac{10(s+3)}{s(s+2)(s^2+s+2)}$$

Bode Diagrams

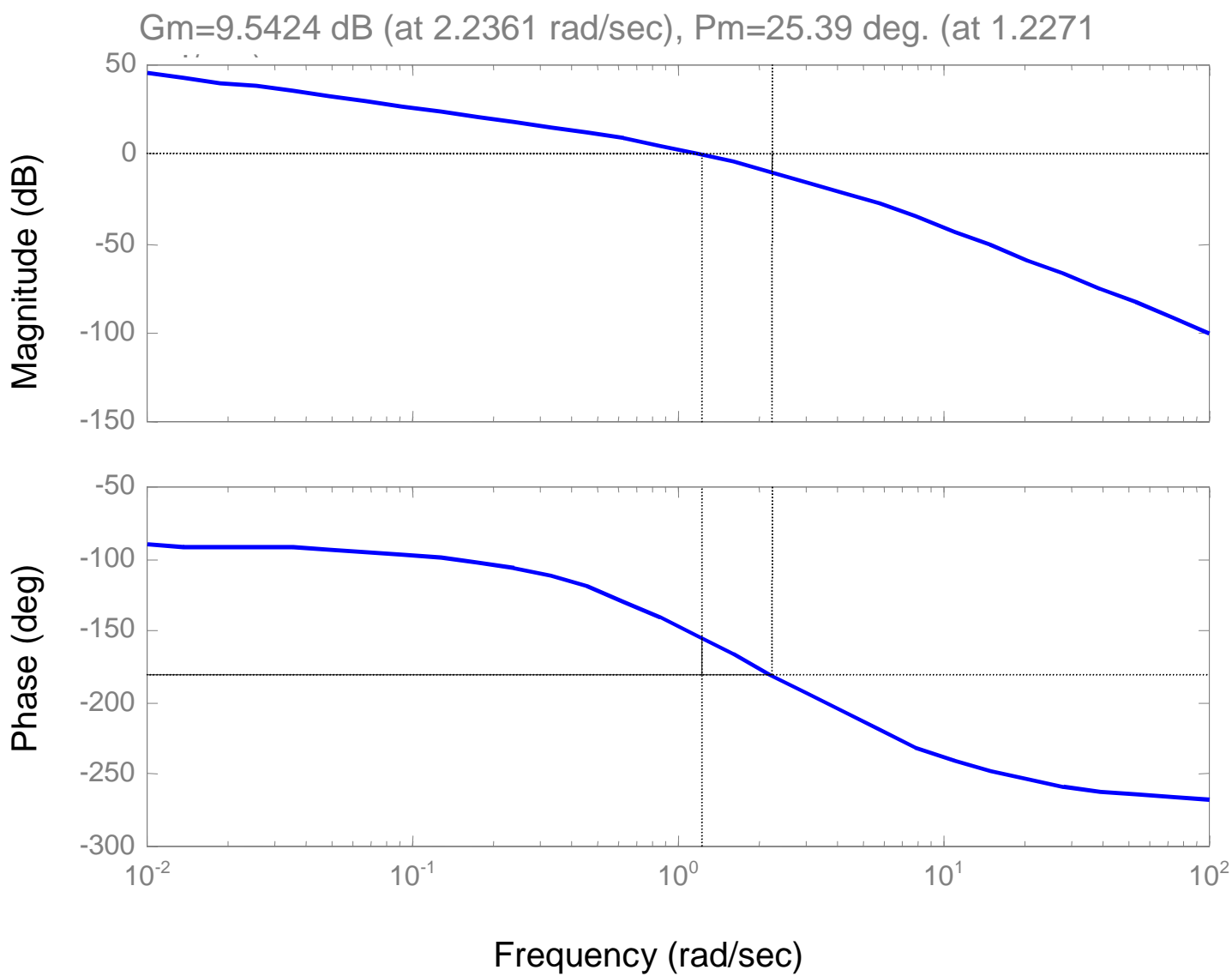








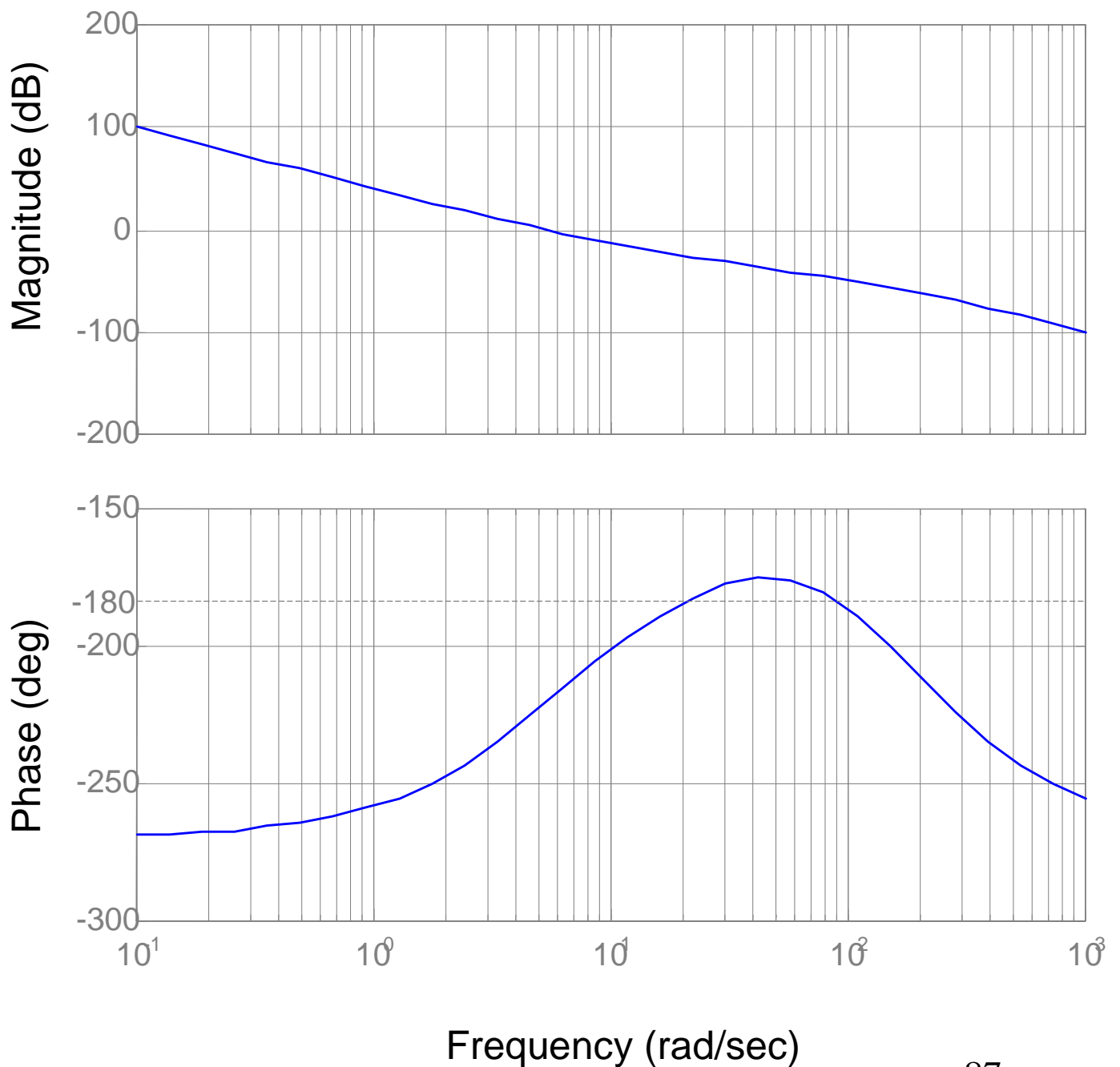
### Bode Diagrams

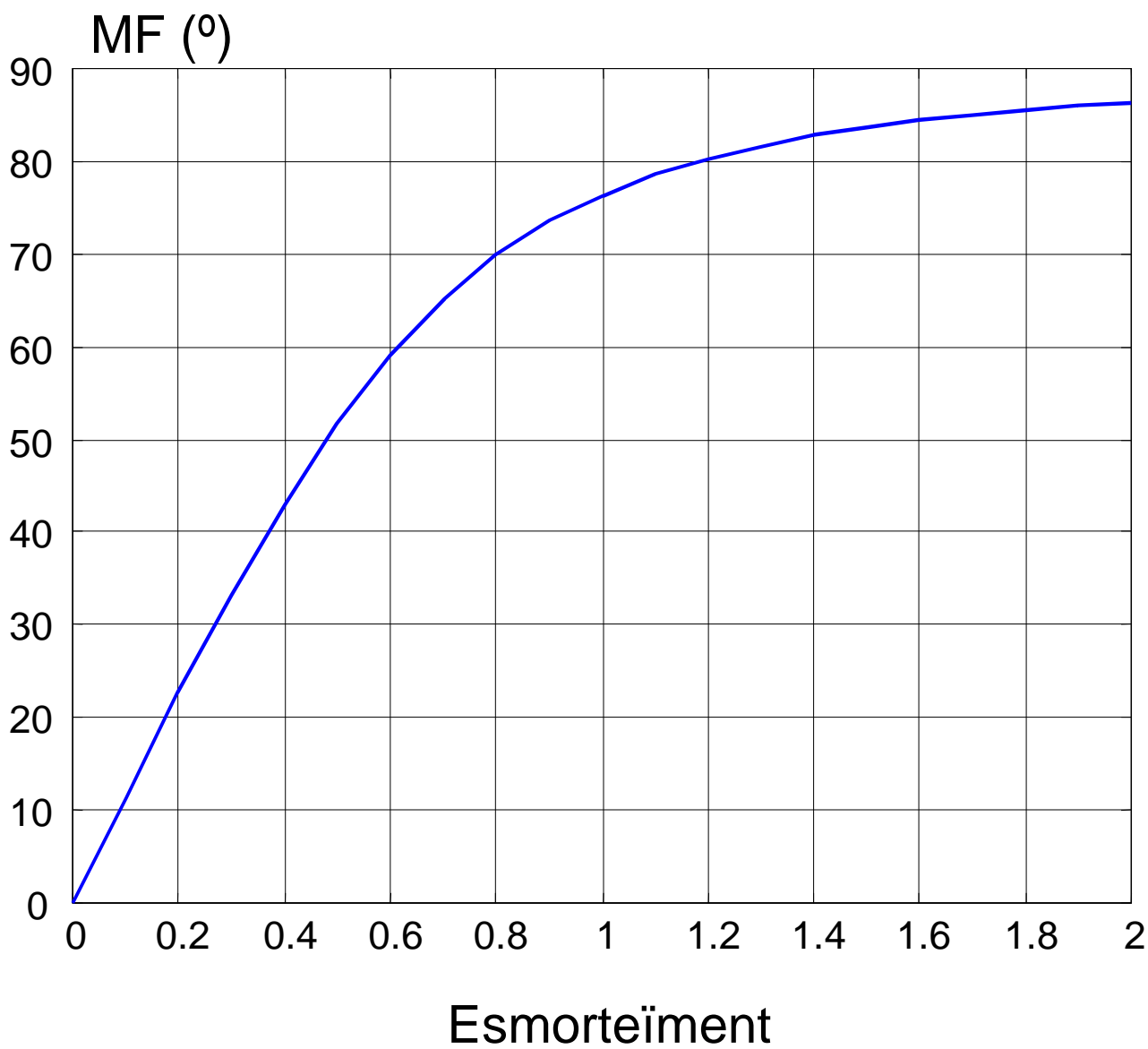


**DIAGRAMA DE BODE AMB DOS PUNTS  
DE TALL DE LA FASE A  $-180^\circ$**

$$G(s) = \frac{100(s+5)(s+40)}{s^3(s+100)(s+200)}$$

Bode Diagrams





$$MF = \text{Arc tg} \left( \frac{2\zeta}{\sqrt{\sqrt{1+4\zeta^4} - 2\zeta^2}} \right)$$