$$\begin{aligned} &\text{Solvador} \quad \text{ejercicio 2 primera parte TPB-1.} \\ &\text{G(s) H(s)} = \frac{10 \text{ (s+2)}}{\text{(s+5) (s+70)}} \frac{18 2 \text{ (0,55+1)}}{\text{(-1)(-5+1) 5 (0,25+1) 20 (0,15+1)}} \\ &\text{G(s) H(s)} = \frac{0.4}{(-7)} \frac{0.55+1}{(-5+1) (0,25+1) (0,15+1)} \\ &\text{G(s) H(s)} = \frac{0.4}{(-7)} \frac{0.55+1}{(1-jw) (1+j0,5w)} \frac{0.15+1}{(1+jw) (1+j0,5w)} \\ &\text{G(s) H(s)} = \frac{0.4}{1} \frac{1+j0.5w}{1+j0.5w} \\ &\text{G(s) H(s)} = \frac{0.4}{1} \frac{1+j0.5w}{1+j0.5w} \frac{0.15+1}{(1+j0.5w)} \\ &\text{G(s) H(s)} = \frac{0.4}{1} \frac{1+j0.5w}{1+j0.5w} \frac{0.15+1}{(1+j0.5w)^2} \frac{0.15+1}{(1+j0.5w)^2} \\ &\text{G(s) H(s)} = \frac{0.4}{1} \frac{1+j0.5w}{1+j0.5w} \frac{0.15+1}{(1+j0.5w)^2} \frac{0.15+1}{(1+j0.5w)^2} \\ &\text{G(s) H(s)} = \frac{0.15+1}{1+j0.5w} \frac{0.15+1}{(1+j0.5w)^2} \frac{0.15+1}{(1+j0.5w)^2} \frac{0.15+1}{(1+j0.5w)^2} \\ &\text{G(s) H(s)} = \frac{0.15+1}{1+j0.5w} \frac{0.15+1}{(1+j0.5w)^2} \frac{0.15+1}{(1+j$$

0,1 1 10 100.

