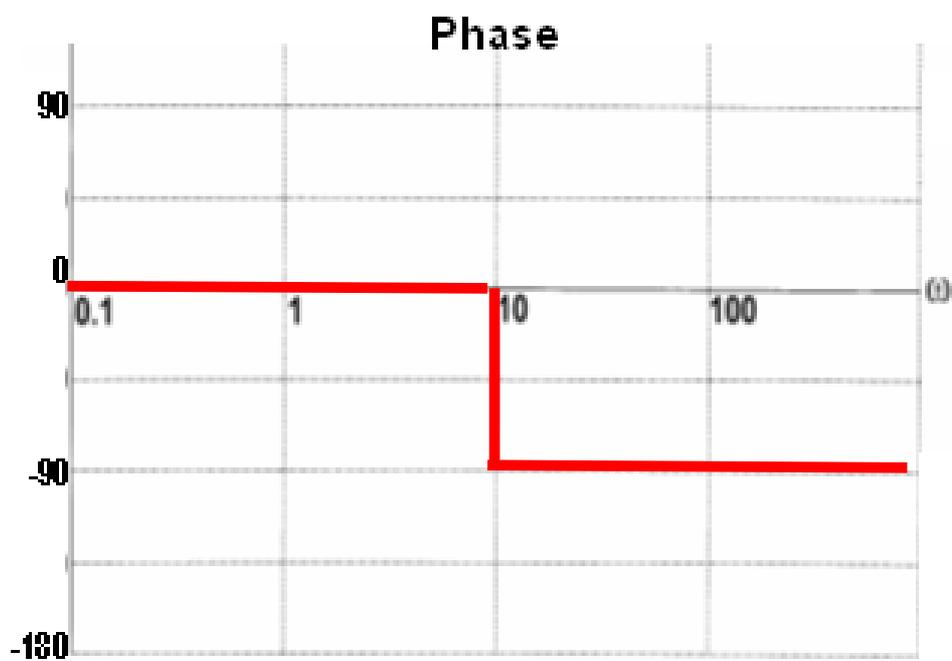
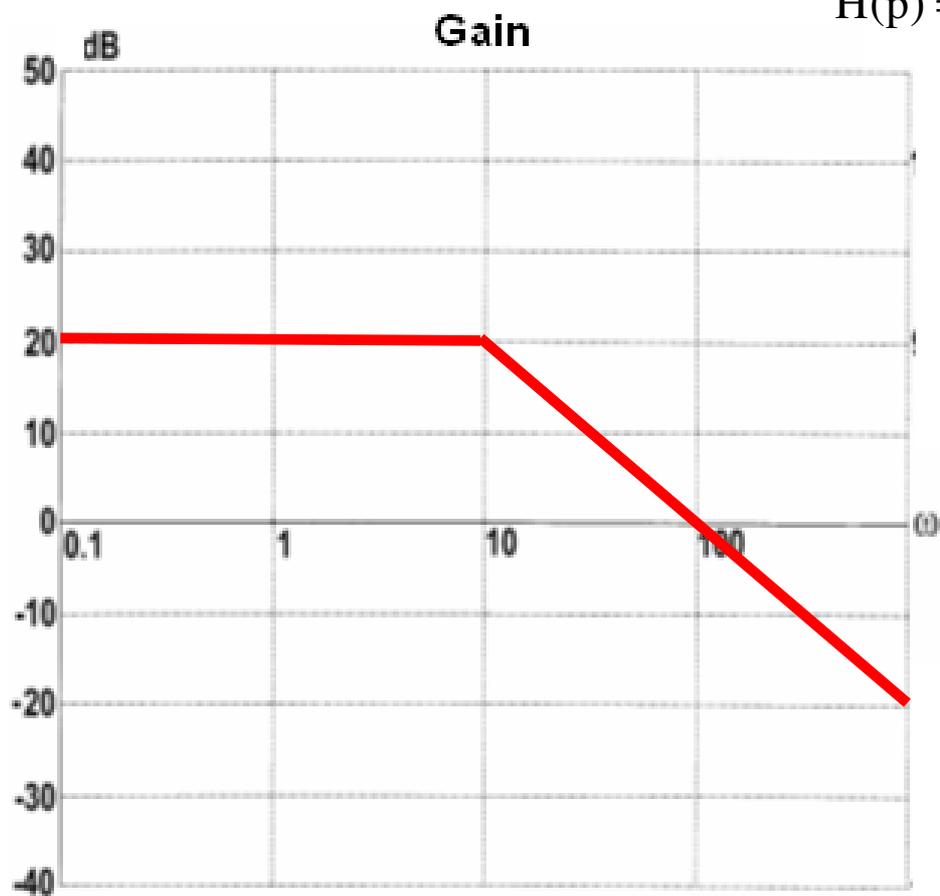
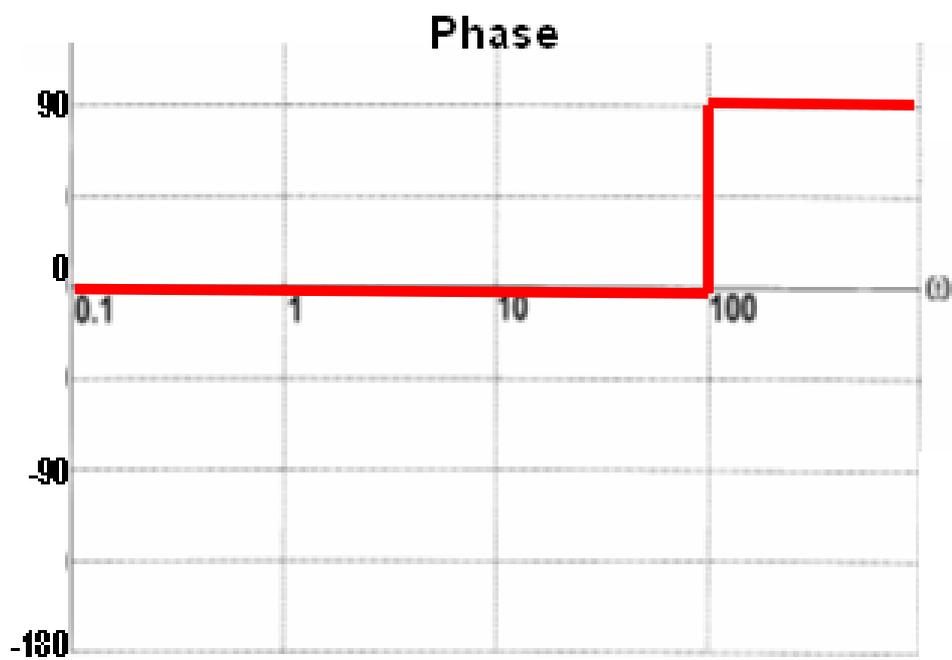
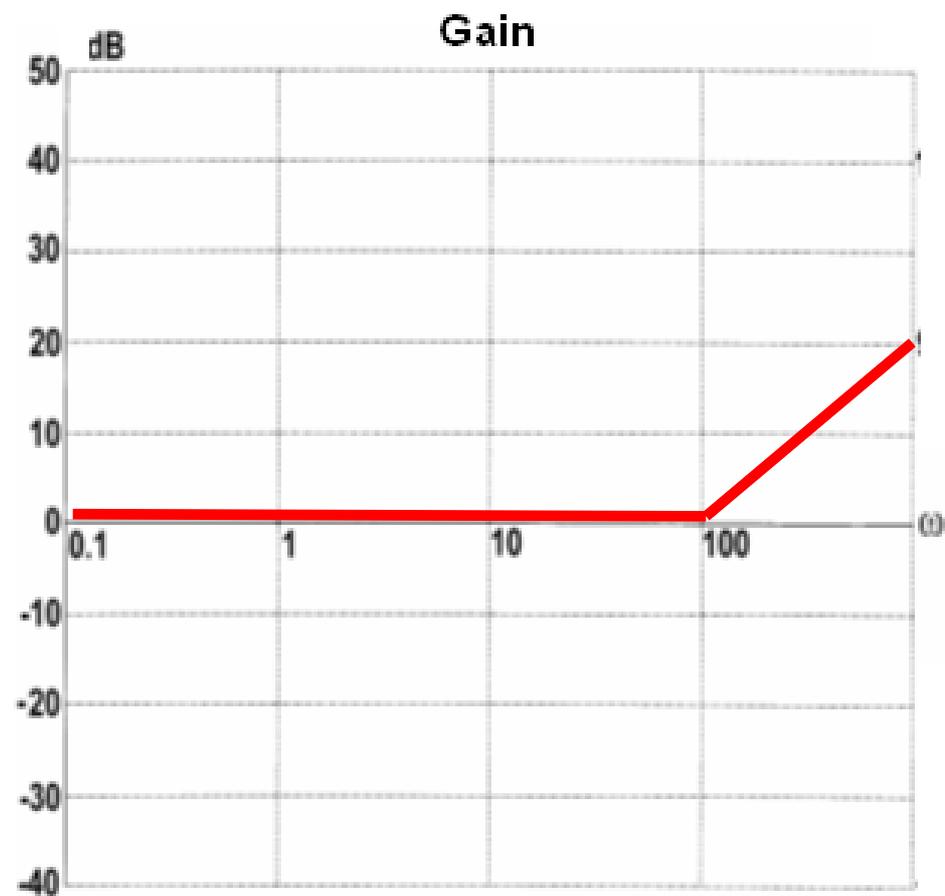


Exercice 1 :

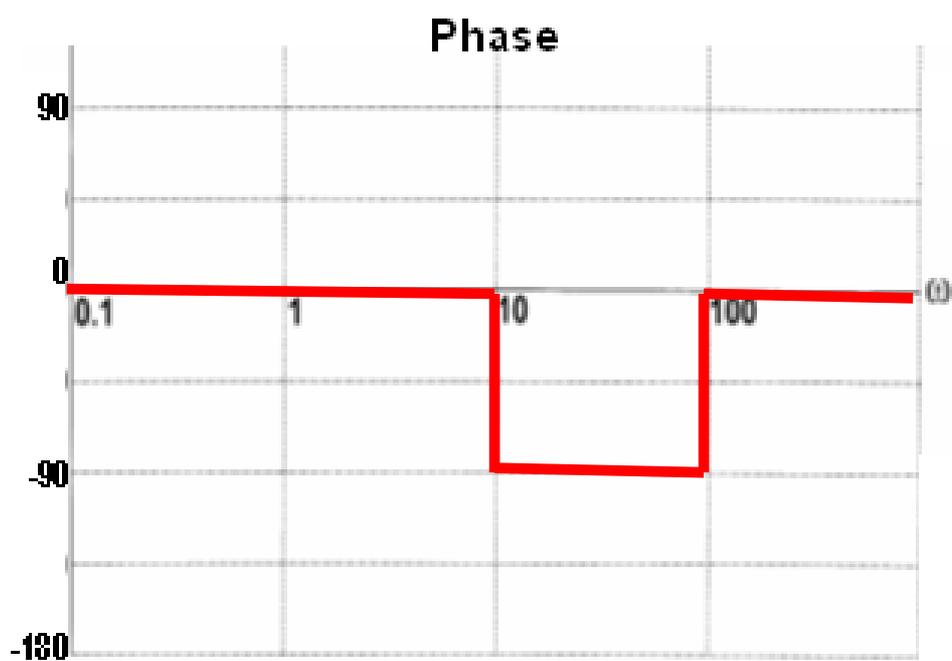
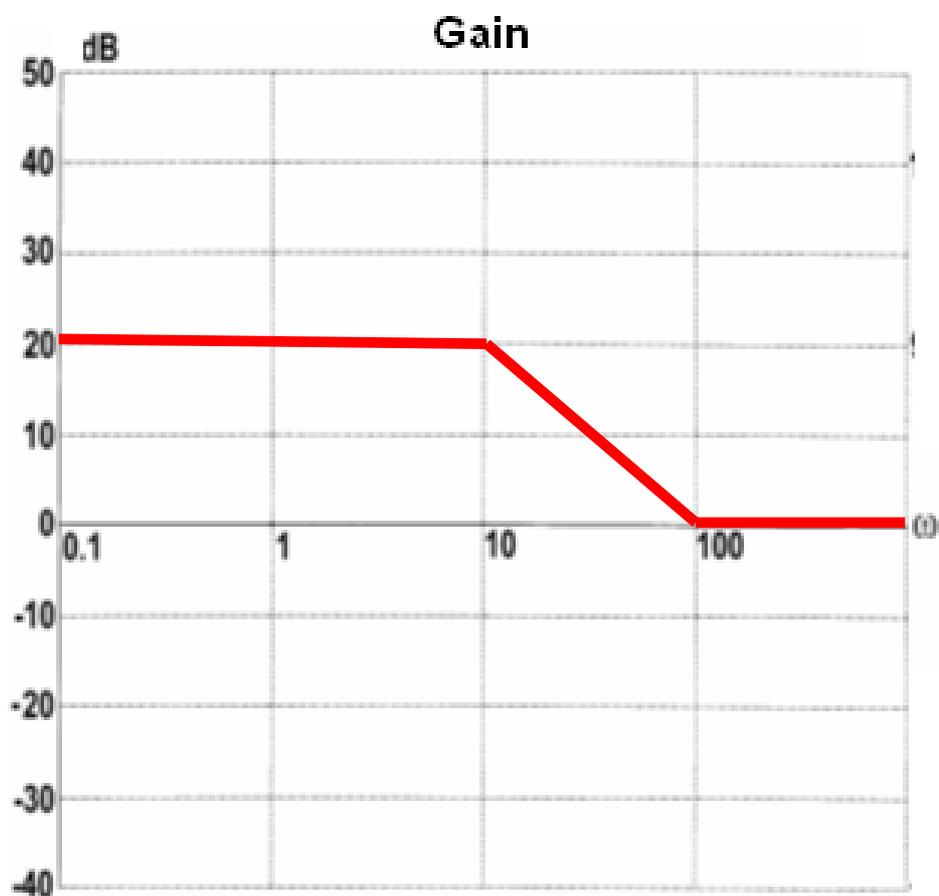
$$H(p) = \frac{10}{(1 + 0,1p)}$$



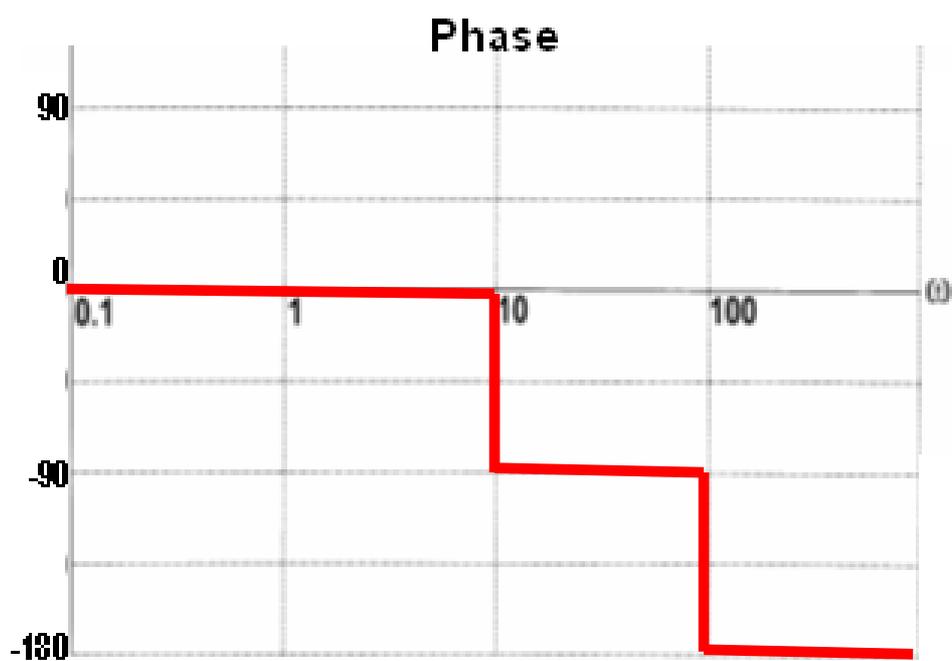
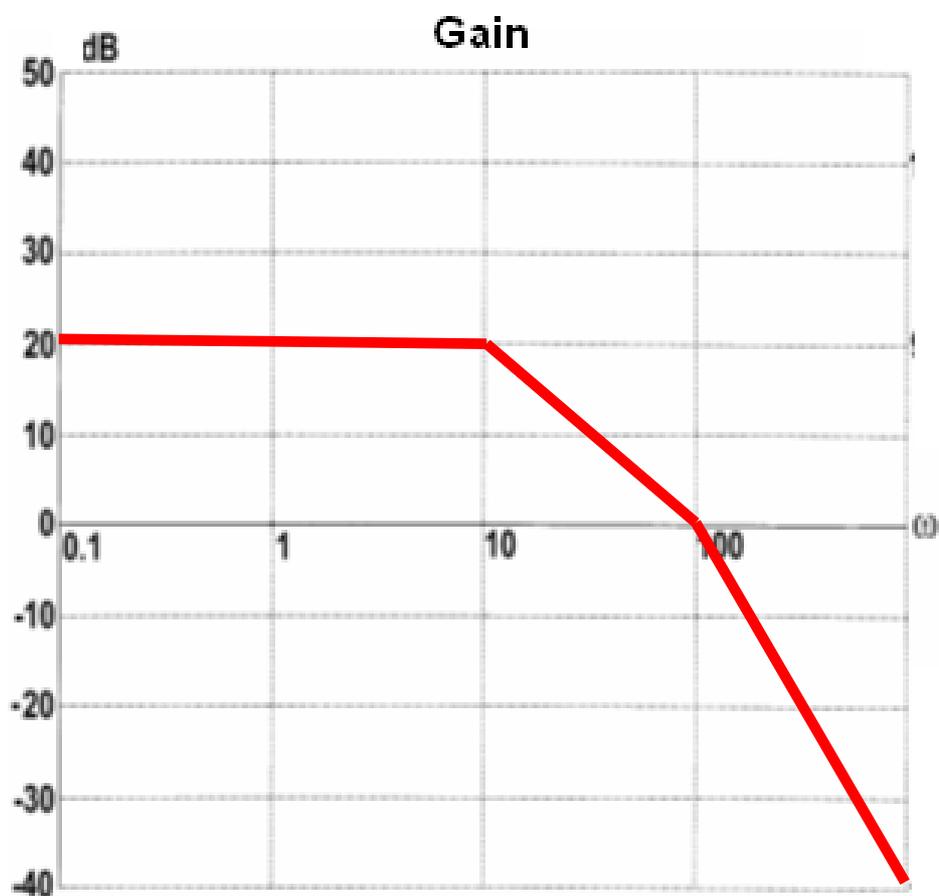
$$H(p) = (1 + 0,01p)$$



$$H(p) = 10 \frac{(1 + 0,01p)}{(1 + 0,1p)}$$

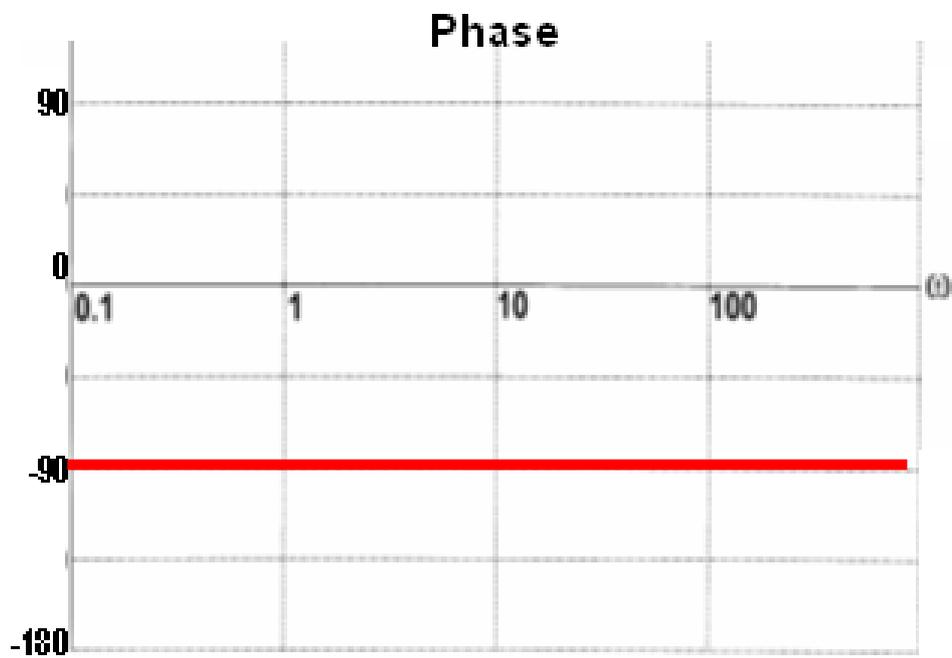
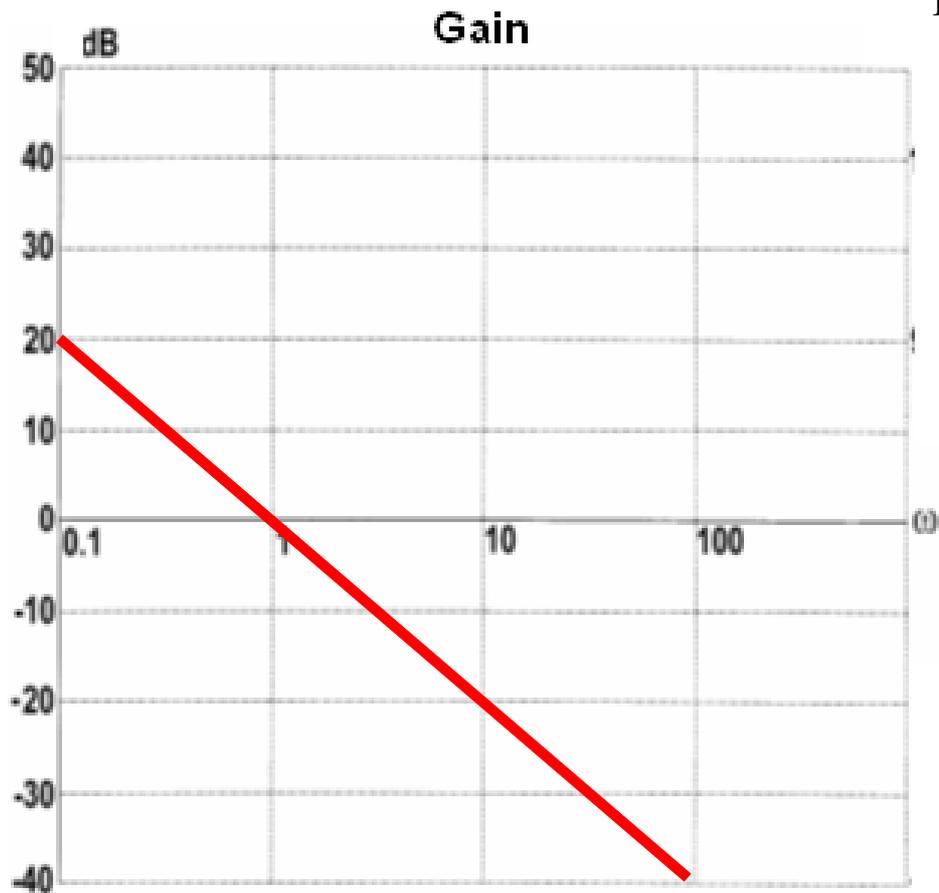


$$H(p) = 10 \frac{1}{(1+0,1p)(1+0,01p)}$$

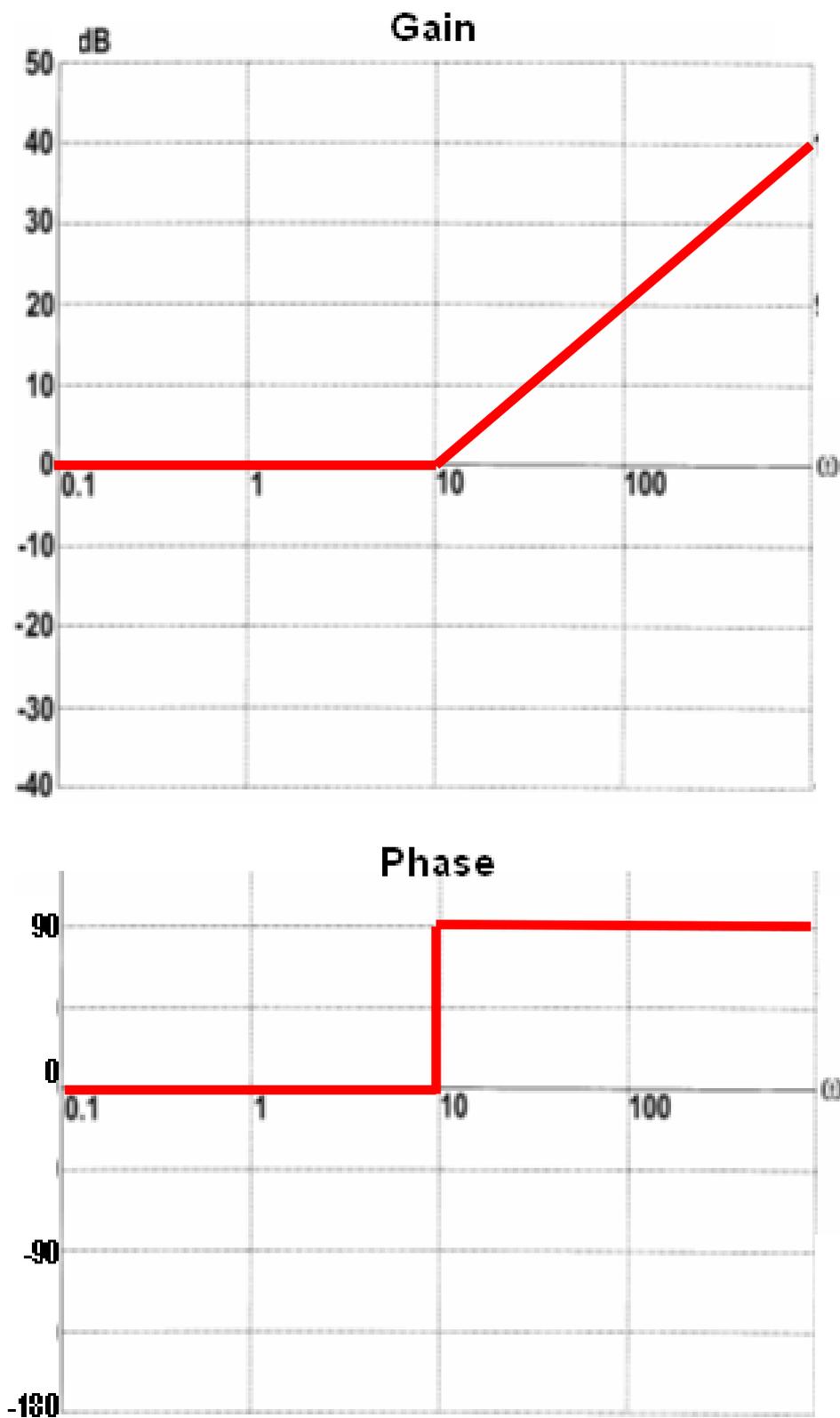


Exercice 2 :

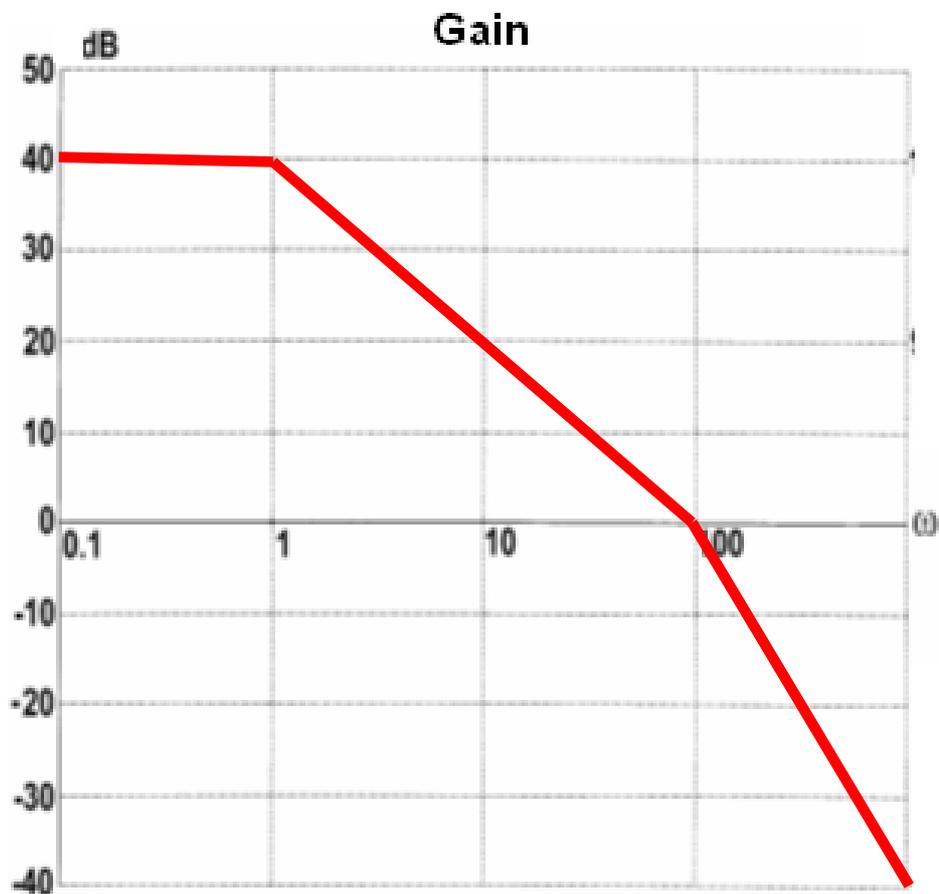
$$H_1(p) = \frac{1}{p}$$



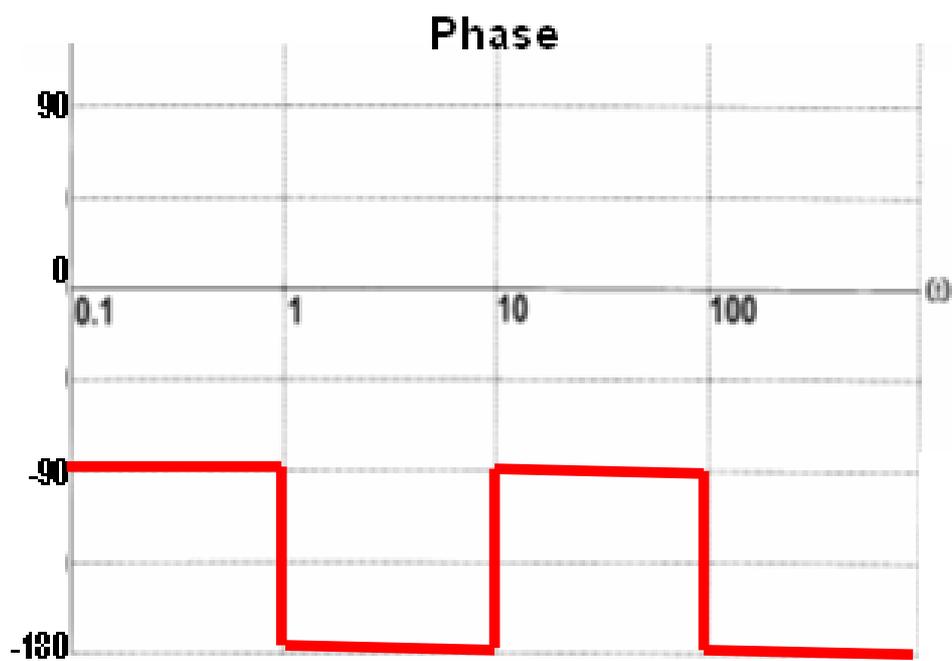
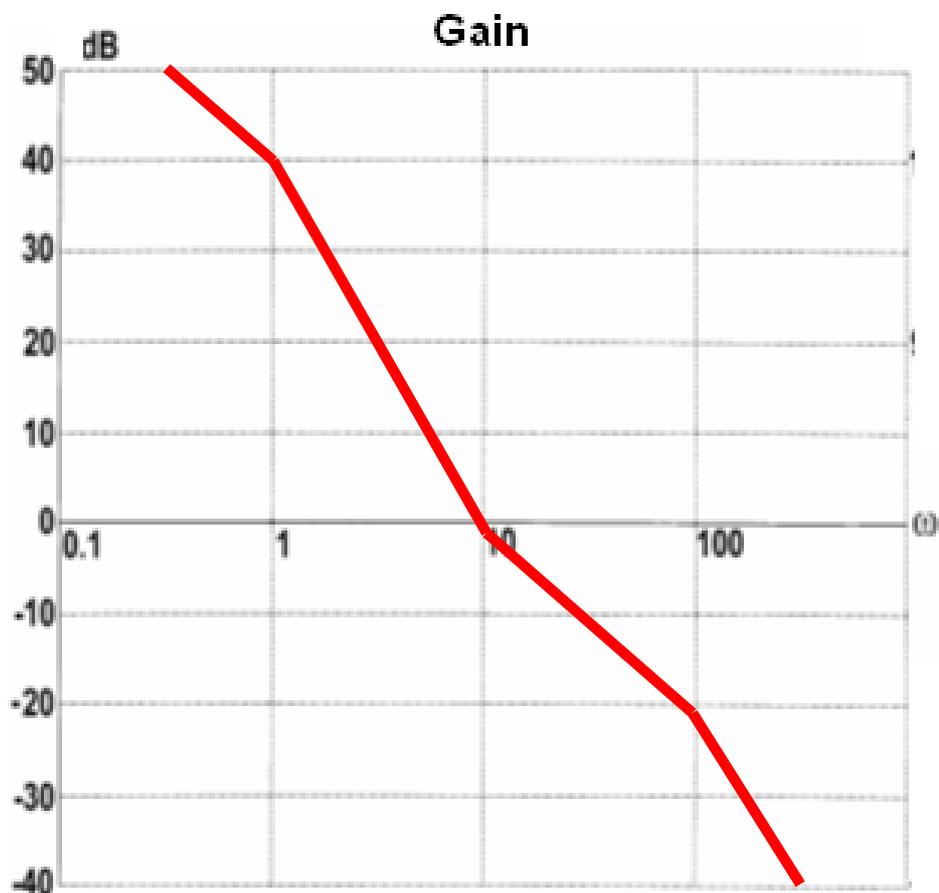
$$H_2(p) = (1 + 0,1p)$$



$$H_3(p) = \frac{100}{\left(\frac{p^2}{100} + \frac{101}{100}p + 1\right)} = \frac{10000}{(p+100)(p+1)}$$

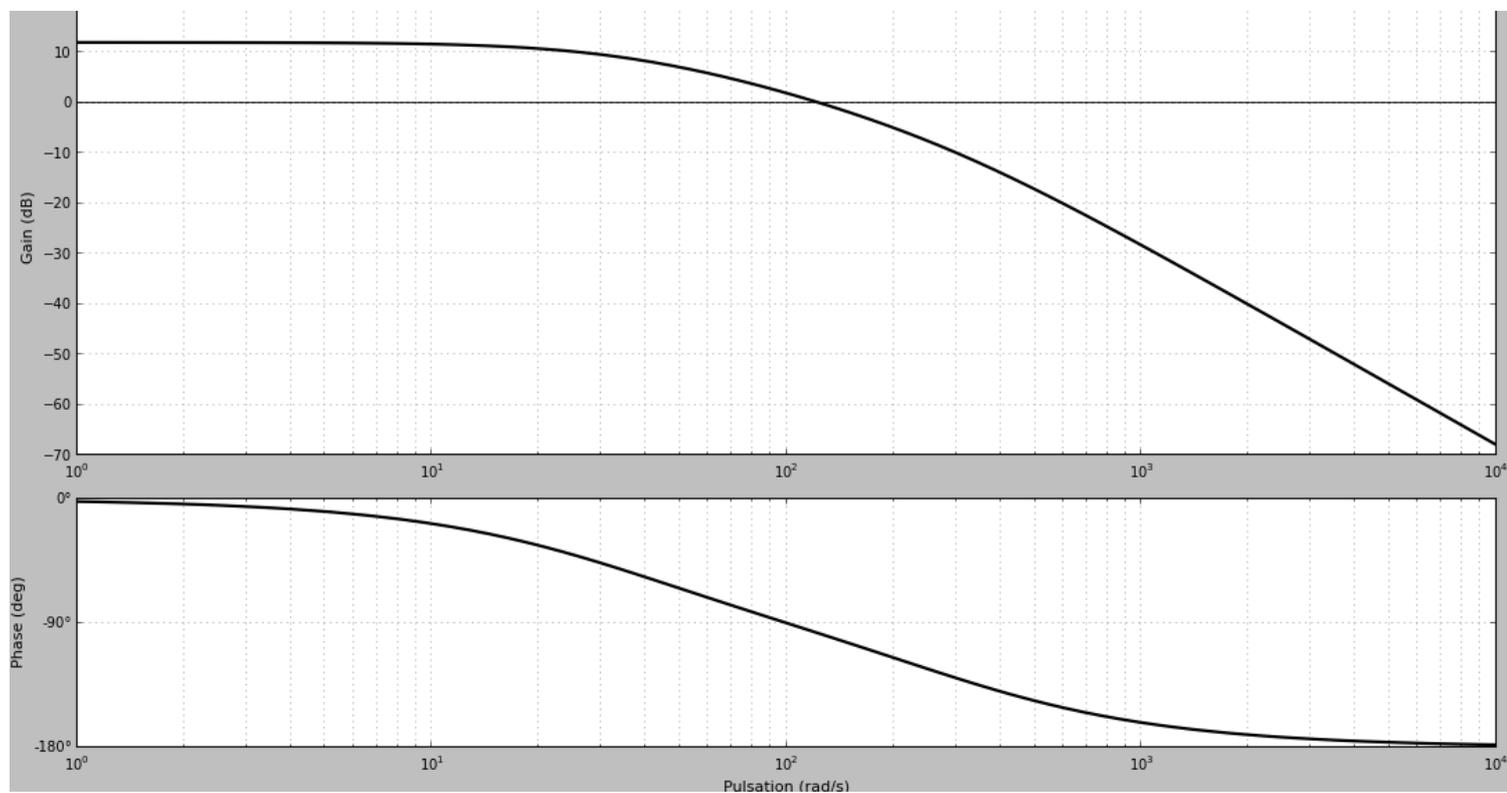


$$H(p) = \frac{1000}{p} \frac{(p+10)}{(p^2 + 101p + 100)}$$

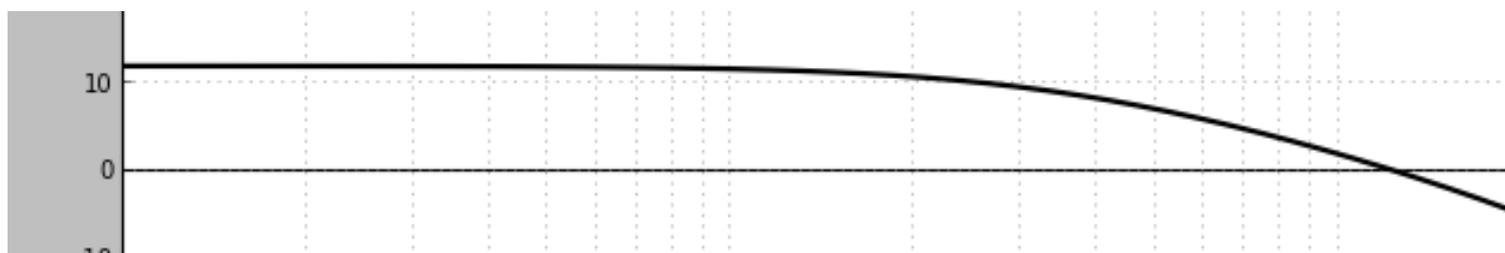


Exercice 3 : A partir des diagrammes fournis, identifiez les fonction de transfert correspondantes

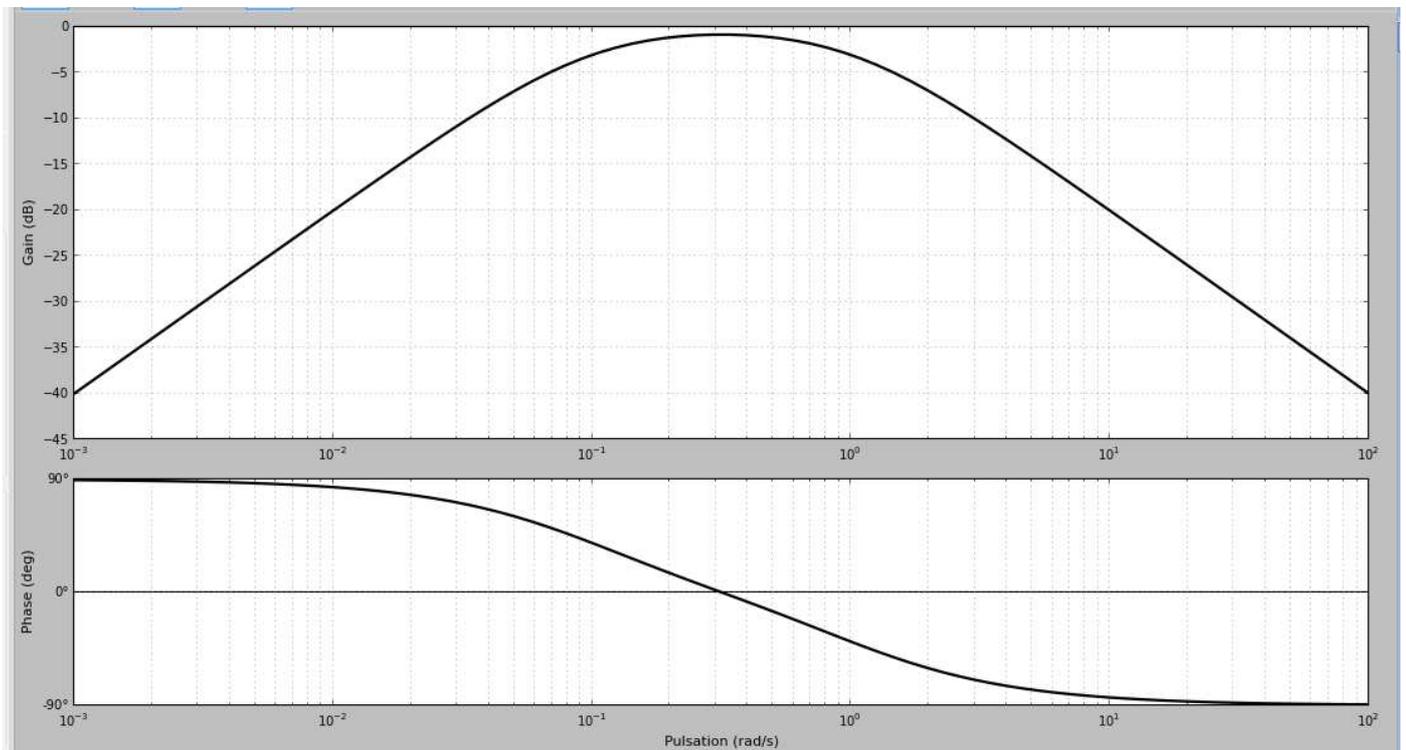
Cas 1 :



zoom



Cas 2 :



Zoom

