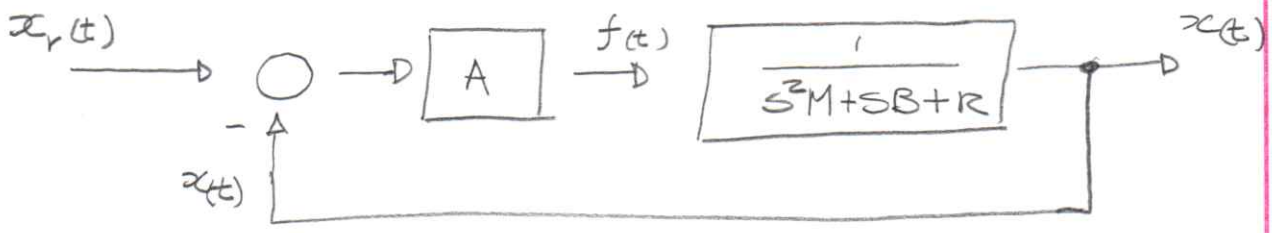
6.

F.T.M.A



$G(s)\,H(s) = -1$ FTMA

$$\frac{A}{s^2M + sB + K} = -1$$

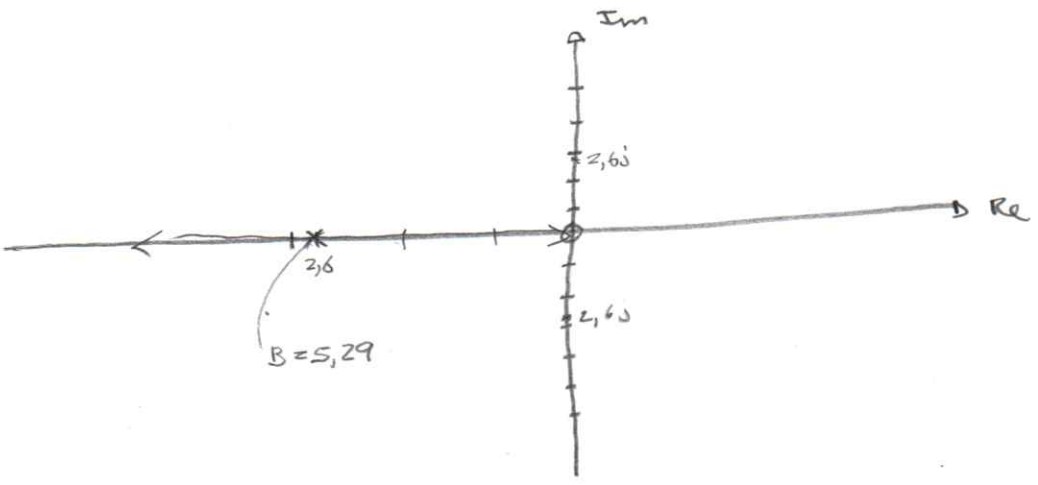
$$\frac{5}{s^2 + sB + 2} = -1 \quad ; \quad 5 = -s^2 - sB - 2$$

$$sB = -s^2 - 7$$

B. $\frac{s}{s^2+7} = -1$

Polos: $\pm j\sqrt{7}$; $d = 2$

Zeros: 0 ; $n = 1$

N° RAMOS = $d = 2$

N° de assintotas = $d - n = 1$