

Henrique Aquino

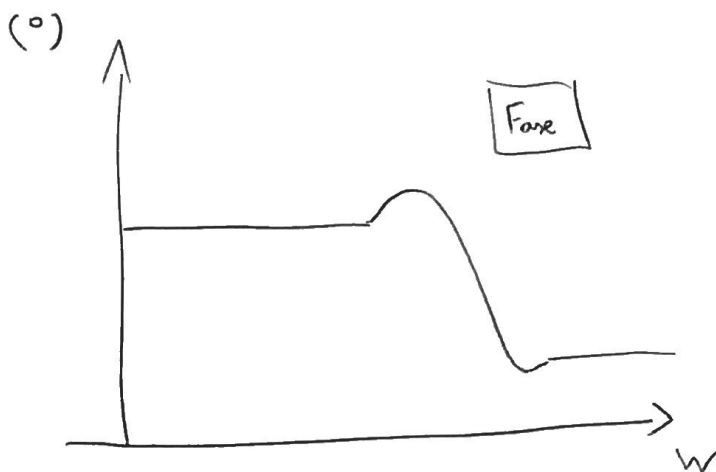
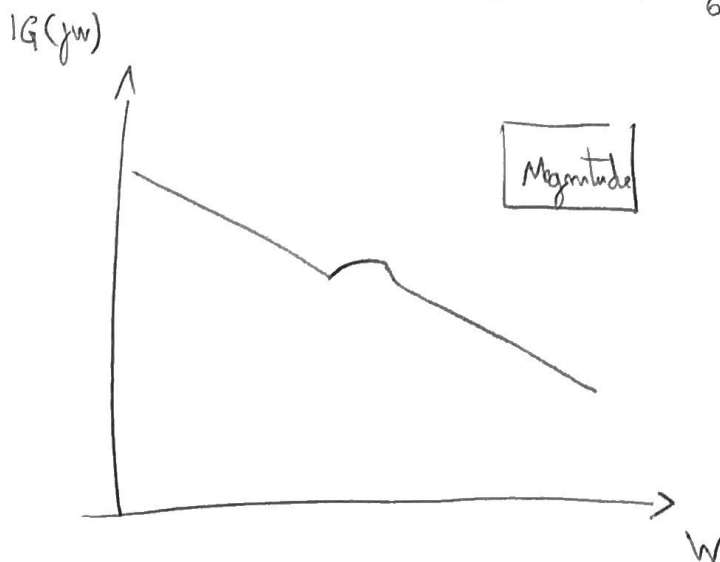
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Ex. de Aula 12/11

①

$$G(s) = \frac{s^2 + 9s + 20}{s^4 + 7,9s^2 + 76s + 320}$$

$$G(s) = \frac{20 \left(1 - \left(\frac{w}{9}\right)^2 + \frac{w}{5}j\right)}{9s \left(\frac{w}{5} + 1\right) \cdot 64 \left(1 - \frac{w^2}{64} + 0,09 + wj\right)}$$



$$\textcircled{2} \quad G(s) = G \frac{(s+2)}{s+12}$$

$$G(s) = \frac{\left(\frac{w}{2}j + 1\right)}{\frac{w}{12}j + 1}$$

