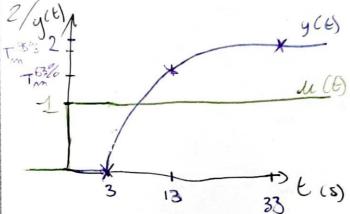


$$\frac{2 \times 2}{1 + 10s}$$



$$\frac{Y(s)}{X(s)} = \frac{2}{s^2 + 4s + 8} = \frac{6(s)}{s^2 + 6z + c - 6}$$

2/ order: 2

$$3 = \frac{02}{2}$$

 $\omega_0^2 = 8 (nad.5)^3$

onder: 2

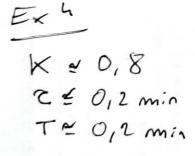
$$K = \frac{1}{4}$$
 $S = \frac{5}{4}$
 $S = \frac{5}{$

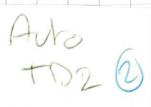
$$D_2\% = (-D_1)^2.100$$

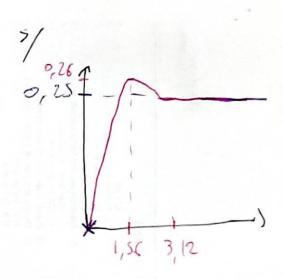
$$= 0.187$$

$$TD_{i} = \frac{\pi}{\omega_{0}\sqrt{1-3^{2}}}$$

$$= 1.560 0.25$$







$$G(s) = \frac{0.8 \cdot e^{-0.2 \cdot 5}}{1 + 0.2 \cdot 5}$$

$$Ls y(k) = 0.8 \cdot \Gamma(k - 0.2)$$

