

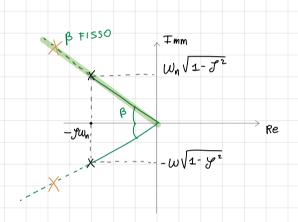
## MASSIMA SOVRAELONGAZIONE

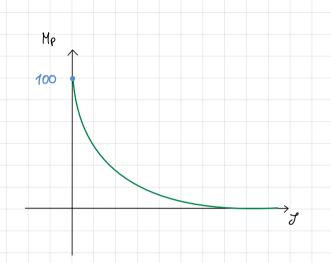
$$y(t) = 1 - e \qquad \left( \frac{\pi}{\omega d} \left( \frac{\pi}{\omega d} \right) + \frac{y}{\sqrt{1 - y^2}} \right) = \frac{-y \pi}{\sqrt{1 - y^2}} \quad \forall a \text{ ore picco}$$

$$y(\alpha) = \lim_{S \to 0} S \cdot G(S) \cdot U(S) = \lim_{S \to 0} S \cdot G(S) \cdot \frac{1}{S} = 0$$

$$y(\alpha) = \lim_{S \to 0} G(S) \cdot U(S) = \lim_{S \to 0} G(S)$$

$$M_{P} = \underbrace{y(t_{P}) - 1}_{1} \cdot 100 = \underbrace{e^{-\frac{\pi y}{\sqrt{1 \cdot f^{2}}}}}_{\text{funzione solo oli } f - o \text{ Con } W_{n} = \text{Cost} \quad e^{-\frac{\pi y}{\sqrt{1 \cdot f^{2}}}}$$



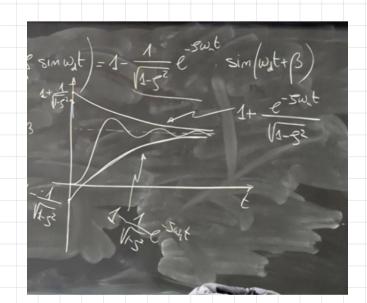


## TEMPO DI ASSESTAMENTO

$$y(t) = 1 - \frac{1}{\sqrt{1-J^2}} e \left(\sqrt{1-J^2} \cos(\omega d t) + J \sin(\omega d t)\right)$$

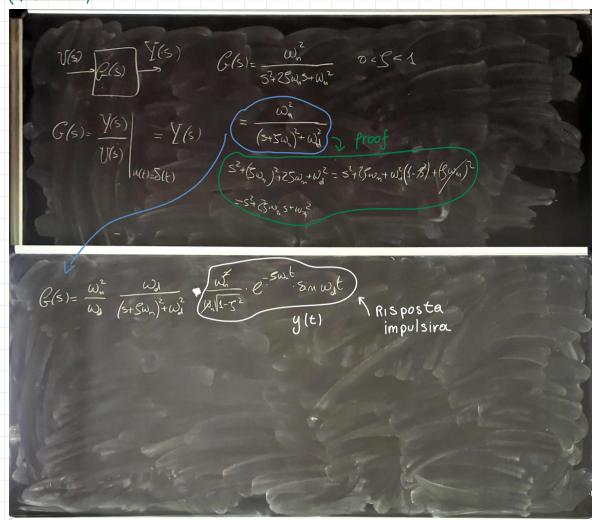
$$= 1 - \frac{1}{\sqrt{1-J^2}} e \sin(\omega d t + \beta)$$

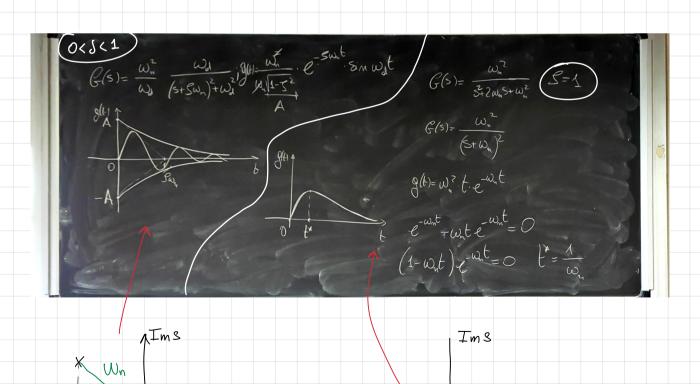
$$= 1 - \frac{1}{\sqrt{1-J^2}} e \sin(\omega d t + \beta)$$



$$T = \frac{1}{fwn} = 0 + s = \frac{4}{fwn}$$

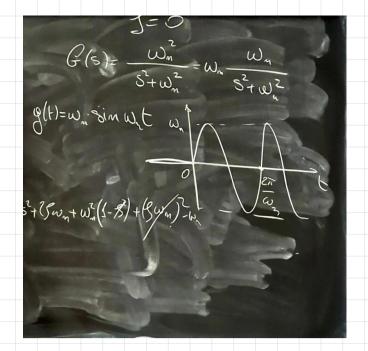


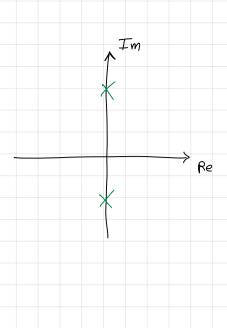




Re S

-> Res

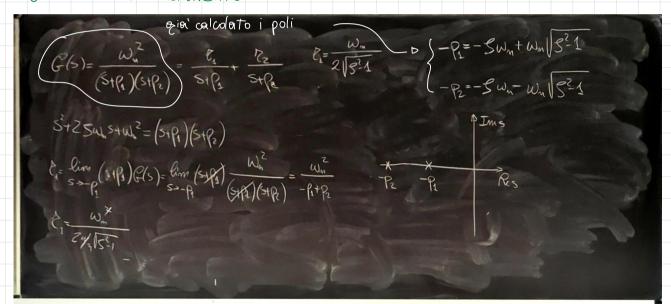


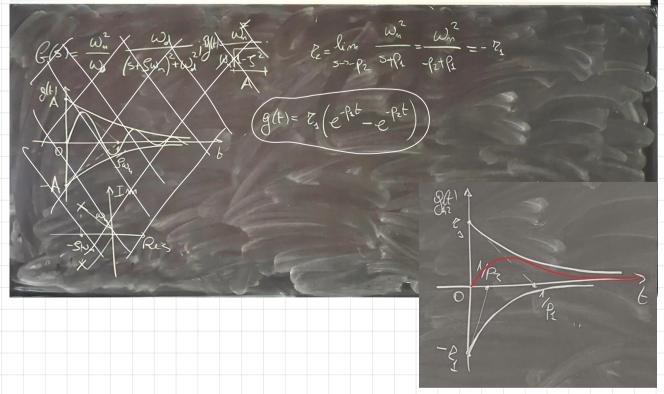


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SOVRASHORZATO

AUDIO \* Diversi CASI







\* Posizione del polo

