

 $\begin{cases} P_B = 0 & CC1 \\ Y_B = 0 & CC2 \end{cases}$ La Subst. CC1 na eq(1): $P(x=L) = P_B = 0 = + P(L) + C1$:. CI = - 1 PL 2 ET // Lo subst. CC2 na eg(2) i $y(x=L) = y_B = 0 = + P.(L) - 1 PL.(L) + CZ$ ET 6 2 ET :. C₂ = + <u>L</u> <u>PL</u> 3 E <u>T</u> 7) Escrever as eq. finais; $Q(x) = \frac{P}{EI} \cdot \left(\frac{x^2}{2} - \frac{L^2}{2}\right) \qquad [rad]$ $y(x) = \frac{P}{ET} \cdot \left(\frac{x^3}{6} - \frac{L^2}{2} \cdot x + \frac{L^3}{3}\right) \quad \text{[cm]}$ (m)8) (a) what $Q_A = y_A$ 8) Calular PA e JA Portanto; φ(x=0)= φ_A= - 1 PL 2 = T [rad]

