

Problema incrementale:

$$\mathsf{GIT}_{2}^{\mathbf{T}} = 0 \qquad \mathsf{in} \left(0, \mathsf{B}\right)$$

Elus. Generak

$$\sqrt{2}(x_1) = A_1 \cos \left(\frac{P}{EI} x_1 \right) + A_2 Siu \left(\frac{P}{EI} x_1 \right) + A_3 + A_4 x_1$$

$$T_2(x_1) = B_1 x_2^3 + B_2 x_2^9 + B_3 x_2 + B_4$$

County. contorn/eeccords

$$V_1(H) = 0$$
 $V_1(H) = V_2(0)$

Sostitucus le selezone generale melle consis d'accepts e trova

$$A_{1} + A_{3} = 0 \qquad A_{4} + A_{2} \sqrt{\frac{P}{EL}} = 0$$

$$A_{3} + A_{4} + H + A_{1} \cos \left(H \sqrt{\frac{P}{EL}}\right) + A_{2} \sin \left(H \sqrt{\frac{P}{EL}}\right) = 0$$

$$A_{4} + \sqrt{\frac{P}{EL}} \left(A_{2} \cos \left(H \sqrt{\frac{P}{EL}}\right) - A_{1} \sin \left(H \sqrt{\frac{P}{EL}}\right)\right) = B_{3}$$

$$P \left(A_{1} \cos \left(H \sqrt{\frac{P}{EL}}\right) + A_{2} \sin \left(H \sqrt{\frac{P}{EL}}\right)\right) = 2 B_{2}$$

$$B_{4} = 0$$

$$C = 0$$

 $B^{2} (B_{1} + B_{2}) + BB_{3} + B_{4} = 0$ $3B^{2} B_{1} + 2BB_{2} + B_{3} = 0$

Matrice del situma

 $\text{CLMM} = \frac{B^3 \left(-8 \, \text{EI} \, \sqrt{\frac{P}{EI}} + \sqrt{\frac{P}{EI}} \, \left(8 \, \text{EI} + B \, \text{HP}\right) \, \text{Cos} \left[\text{H} \, \sqrt{\frac{P}{EI}} \, \right] - \left(\text{B} - 4 \, \text{H}\right) \, \text{P} \, \text{Sin} \left[\text{H} \, \sqrt{\frac{P}{EI}} \, \right]\right)}{\text{EI}}$

$$-8+8\cos\alpha+\frac{B}{B}\alpha^{2}\cos\alpha+4\alpha\cos\alpha-\frac{B}{B}\alpha\sin\alpha=0$$

& not du per B-> 10 11 recupere il nimbati 10 to:

$$B \rightarrow \infty$$
 $\alpha con\alpha = \%ud$ $\alpha = \frac{\pi^2 E L}{H^2} = \frac{\pi^2 E L}{H^2} = \frac{\pi^2 E L}{(0.7 \text{ H})^2}$