

$$\text{in } BC \text{ per } z = l \quad v' = 0 \quad (5)$$

$$\Rightarrow \underline{C_3 = -\frac{ql^3}{4EI}}$$

$$\text{per } z = l \quad v = 0$$

$$\Rightarrow \underline{C_4 = -\frac{ql^4}{12EI} + \frac{ql^4}{4EI} = \frac{ql^4}{6EI}}$$

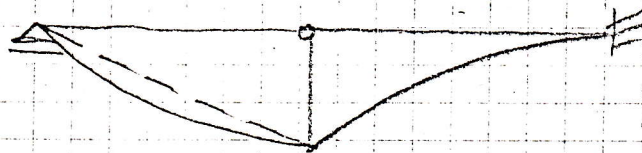
$$\text{in } B \quad v_{AB} = v_{BC}$$

$$\Rightarrow -\frac{ql^4}{12EI} + \frac{ql^4}{24EI} + C_1 l = -\frac{ql^4}{6EI}$$

$$\underline{C_1 = \frac{5ql^3}{24EI}}$$

$$\underline{P_{BA} = -v'_{AB}(z=l) = \left(\frac{ql^3}{4} - \frac{ql^3}{6} - \frac{5}{24} ql^3 \right) \frac{1}{EI} = -\frac{ql^3}{8EI}}$$

Infatti, dalla compo. 2. sommatoria degli spost:



$$P_{BA} = -\frac{ql}{2} \frac{l^3}{3EI} \cdot \frac{1}{l} + \frac{ql^3}{24EI} = -\frac{3ql^3}{24EI} = -\frac{ql^3}{8EI}$$