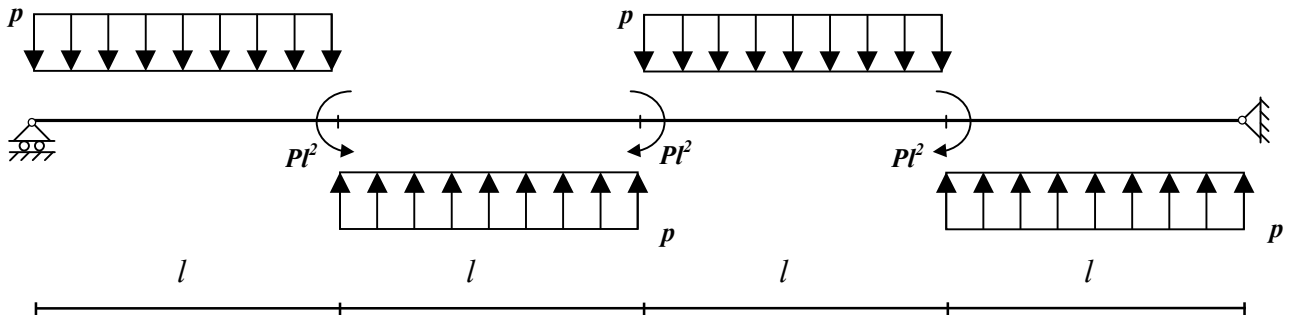
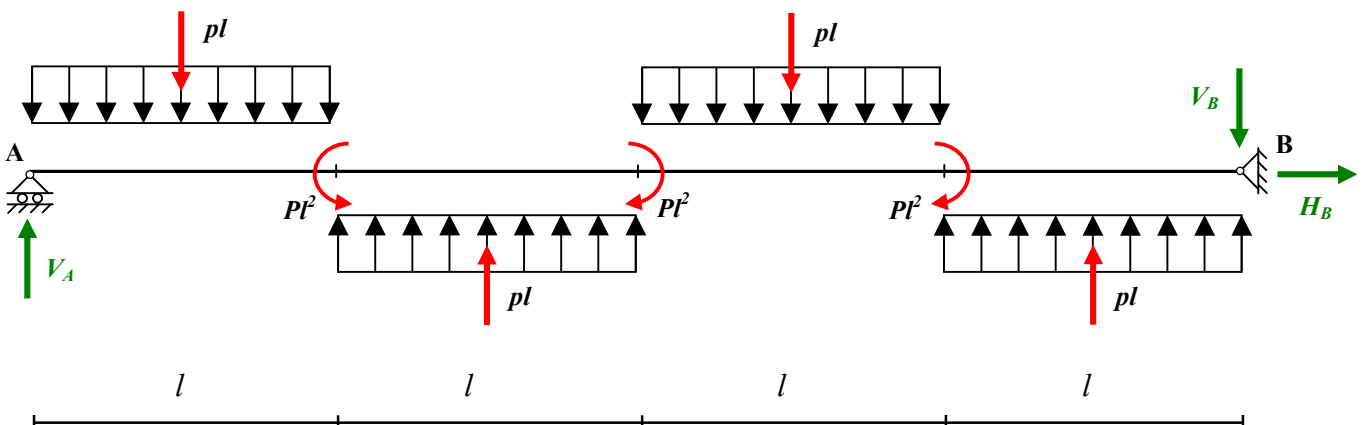


Calcolare le reazioni vincolari e tracciare i diagrammi di sollecitazione



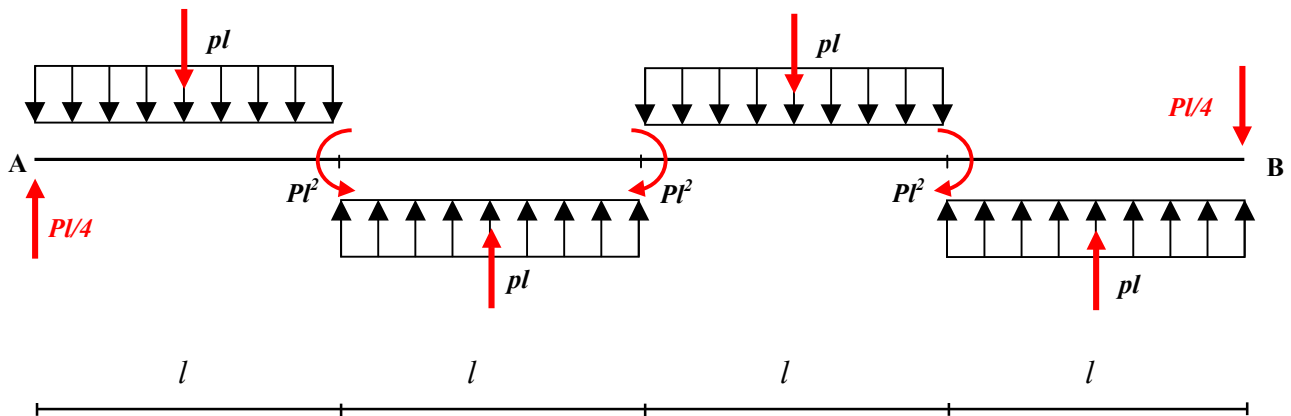
Calcolo delle reazioni vincolari :



Dall'equazioni cardinali della statica :

$$\left\{ \begin{array}{l} \sum_H : H_B = 0 \\ \sum_V : V_A - V_B = 0 \\ \sum_M(B) : -V_A \cdot 4l + pl \cdot \frac{7}{2}l - pl \cdot \frac{5}{2}l + pl \cdot \frac{3}{2}l - pl^2 - pl \cdot \frac{l}{2} = 0 \end{array} \right. \Rightarrow \left\{ \begin{array}{l} \sum_H : H_B = 0 \\ \sum_V : V_B = \frac{pl}{4} \\ \sum_M(B) : V_A = \frac{pl}{4} \end{array} \right.$$

Il sistema equilibrato diventa :



Diagrammi :

