

MOMENTO

$$M_1(0) = -\frac{9l^2}{14}; \quad M_1(l) = M_2(0) = -\frac{39l^2}{28}; \quad M_2(l) = 0$$

Punti di flesso $x_0 = 0$ $M_1(x_1) = -\frac{9x_1^2}{2} + \frac{139l}{28}x_1 - \frac{9l^2}{14} = 0$

$$x_{1,1} = 0,73l \quad x_{1,2} = 0,23l$$

$$M_2(x_2) = \frac{9x_2^2}{2} + \frac{179l}{28}x_2 + \frac{39l^2}{28} = 0$$

$$x_{2,1} = 1,11l \quad x_{2,2} = 0,11l$$

Momento Massimo: $M'_1(x_1) = -9x_1 + \frac{139l}{28} = 0 \quad x_1 = 0,46l$

$$M'_2(x_2) = -9x_2 + \frac{179l}{28} = 0 \quad x_2 = 0,6l$$

$$M_{1,max} = \frac{579l^2}{1568}; \quad M_{2,max} = \frac{1219l^2}{1568}$$

