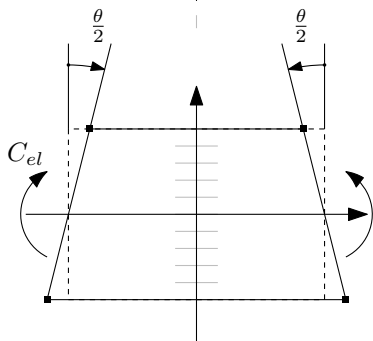
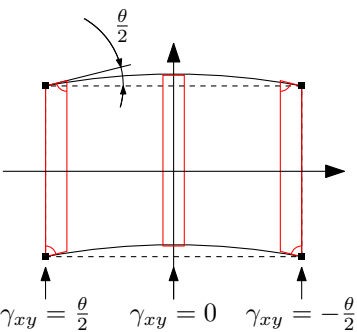


soluzione esatta
flessione pura

$$\epsilon_x = -\frac{\theta y}{2a}$$

$$\epsilon_y = \nu \frac{\theta y}{2a}$$

$$\gamma_{xy} = 0$$



isoparametrico 4 nodi
modo def. trapezio

$$\epsilon_x = -\frac{\theta y}{2a}$$

$$\epsilon_y = 0$$

$$\gamma_{xy} = -\frac{\theta x}{2a}$$

$$\frac{C_{el}}{C_b} = \frac{1 + \frac{1-\nu}{2} \left(\frac{a}{b}\right)^2}{1 - \nu^2}$$

$$\frac{C_{el}}{C_b} = 1.48 \text{ per } \nu = 0.3, \frac{a}{b} = 1$$