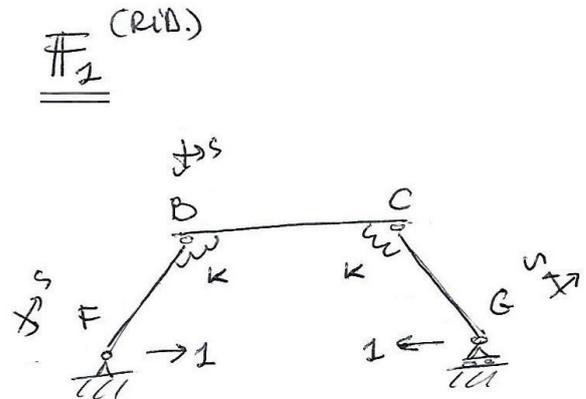
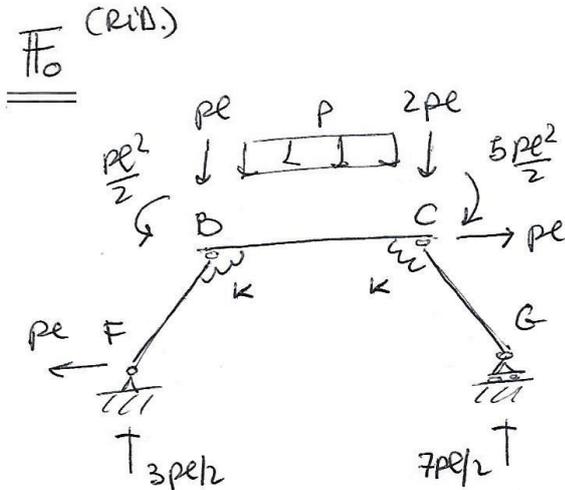


Sintesi della soluzione della prova scritta telematica del 14 settembre 2021



$$N_{FB} = -pe\sqrt{2}/4$$

$$N_{GC} = -pe\sqrt{7}/4$$

$$N_{FB} = -\sqrt{2}/2$$

$$N_{GC} = -\sqrt{2}/2$$

$$T_{FB} = pe\sqrt{5}l/4$$

$$T_{GC} = -pe\sqrt{7}l/4$$

$$T_{FB} = -\sqrt{2}/2$$

$$T_{GC} = \sqrt{2}/2$$

$$M_{FB} = pe\sqrt{5}l^2/4$$

$$M_{GC} = -pe\sqrt{7}l^2/4$$

$$M_{FB} = -\sqrt{2}l/2$$

$$M_{GC} = \sqrt{2}l/2$$

$$N_{BC} = pe$$

$$N_{BC} = -1$$

$$T_{BC} = -Ps + pe/2$$

$$T_{BC} = 0$$

$$M_{BC} = -Ps^2/2 + pe/2 \cdot s + 2pe^2$$

$$M_{BC} = -l$$

$$\gamma_{10} + X_1 \gamma_{11} = \gamma_2 = 0$$

$$1 \cdot \gamma_{11} - \frac{1}{k} \cdot 2pe^2 = \int_{BC} \frac{M_1^2}{EJ} = \frac{2e^3}{EJ}$$

$$1 \cdot \gamma_{10} + \frac{1}{k} \frac{5}{2} pe^3 + \frac{1}{k} \frac{7}{2} pe^3 = \int_{BC} \frac{M_1 M_0}{EJ} = -\frac{11}{3} \frac{pe^4}{EJ}$$