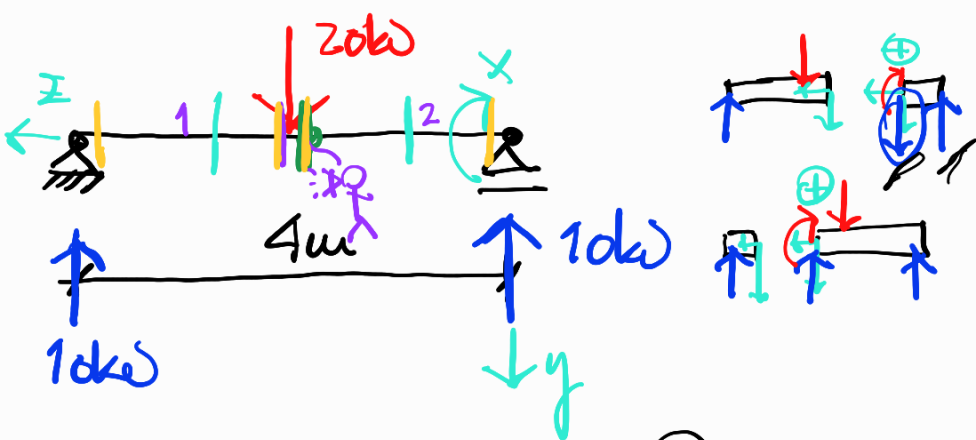
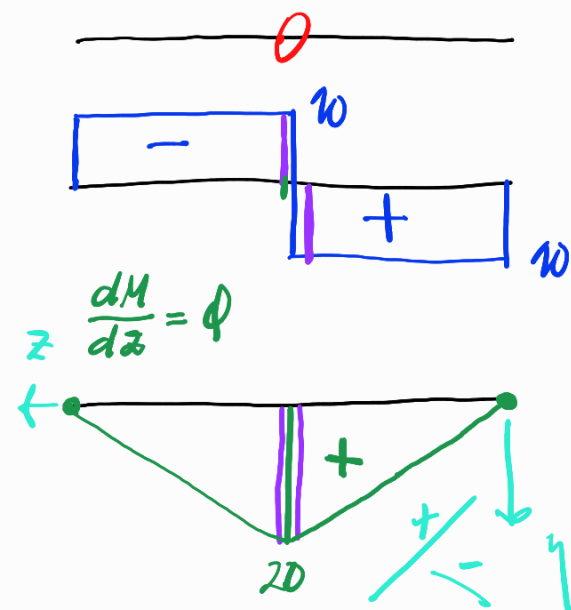
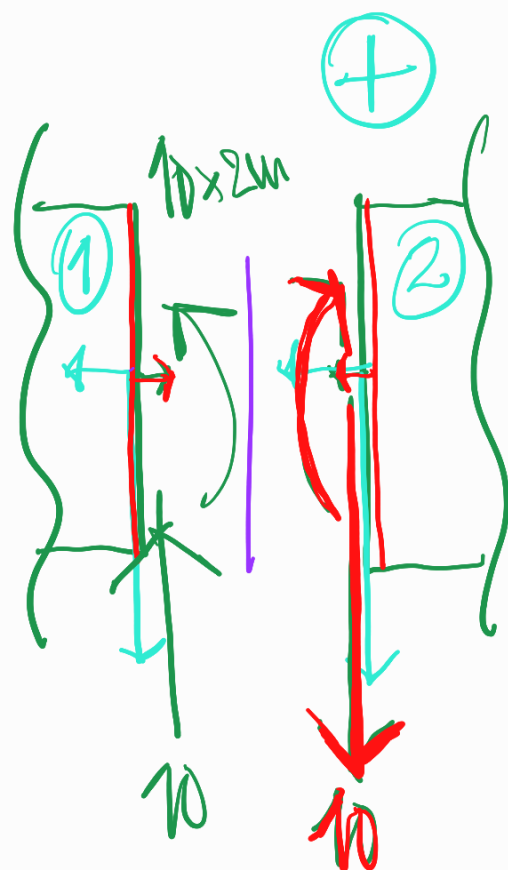




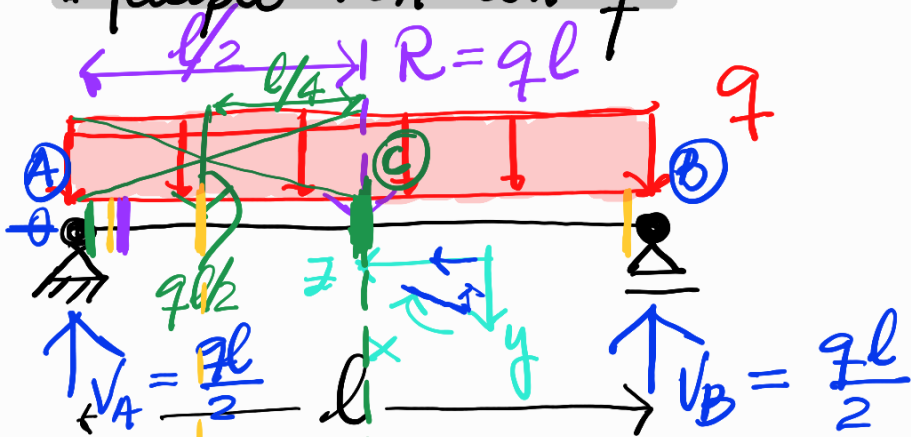
N [kN]

Q [kN]

M [kNm]



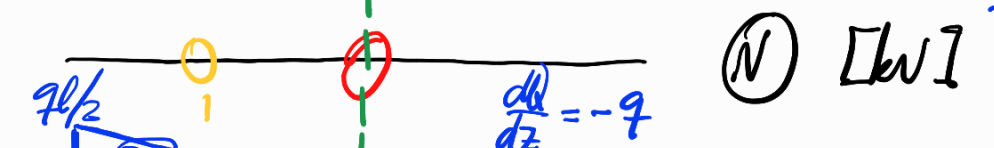
Esempio V&A con "q"



$$\sum M_x^A = 0 = (ql) \cdot \frac{l}{2} - V_B l$$

$$V_B = \frac{ql}{2}$$

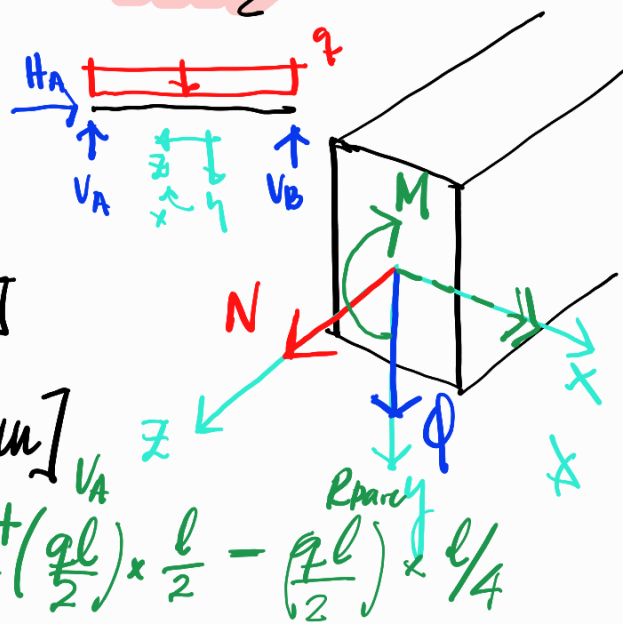
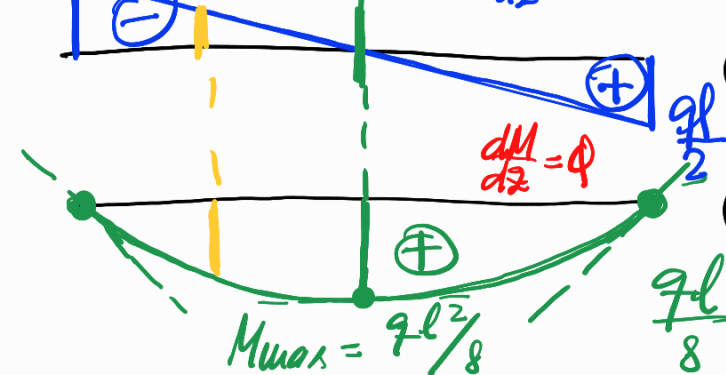
$$V_A = \frac{ql}{2}$$



N [kN]

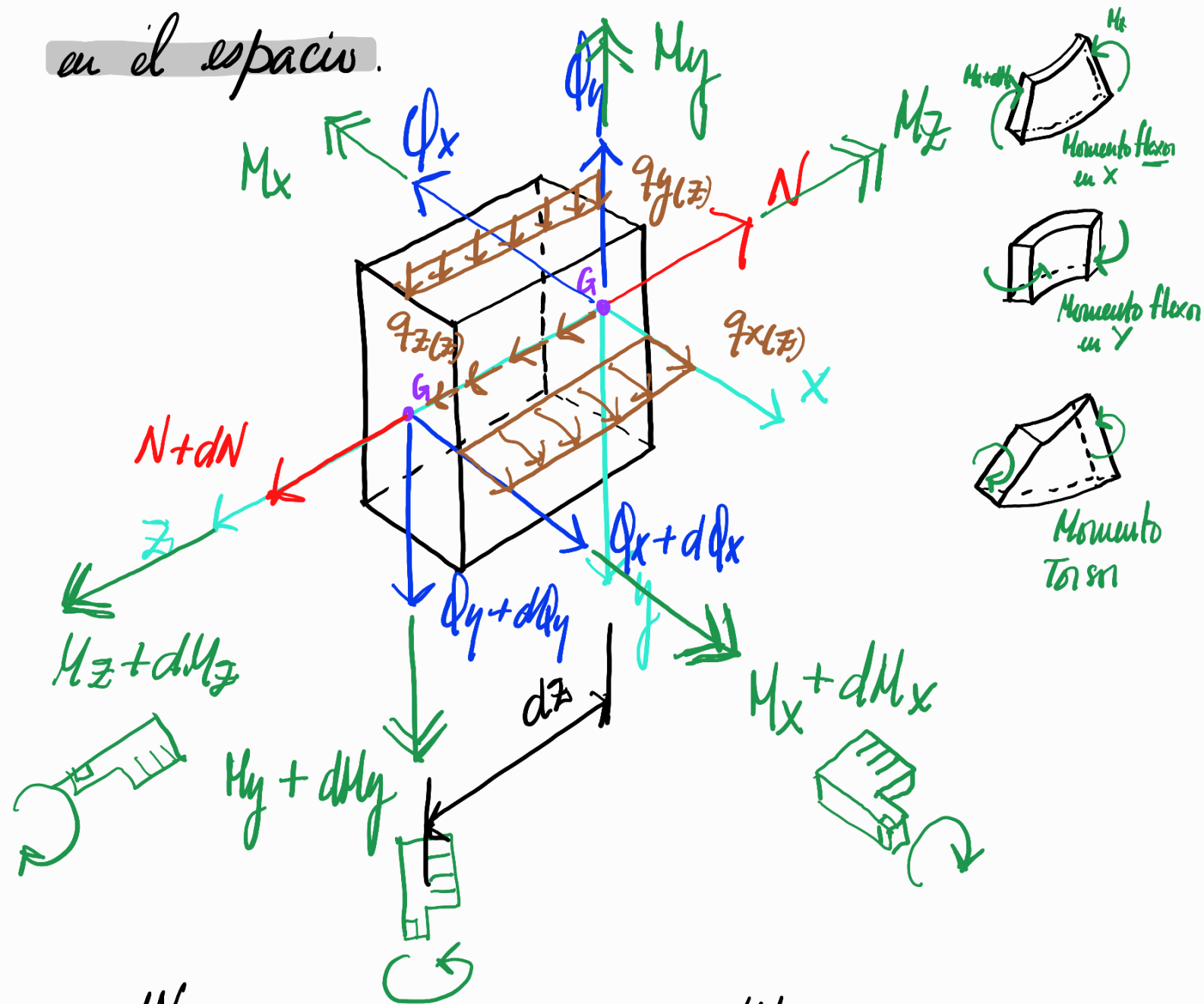
Q [kN]

M [kNm]



$$\frac{ql^2}{8} = M_c = \left(\frac{ql}{2}\right) \times \frac{l}{2} - \left(\frac{ql}{2}\right) \times \frac{l}{4}$$

Relaciones de Est. Características p/ Estructuras en el espacio.



$$\frac{dN(z)}{dz} = -q_z(z)$$

$$\frac{dM_z(z)}{dz} = 0$$

$$\frac{dQ_y(z)}{dz} = -q_y(z)$$

$$\frac{dQ_x(z)}{dz} = -q_x(z)$$

$$\frac{dM_x(z)}{dz} = Q_y(z)$$

$$\frac{dM_y(z)}{dz} = -Q_x(z)$$

