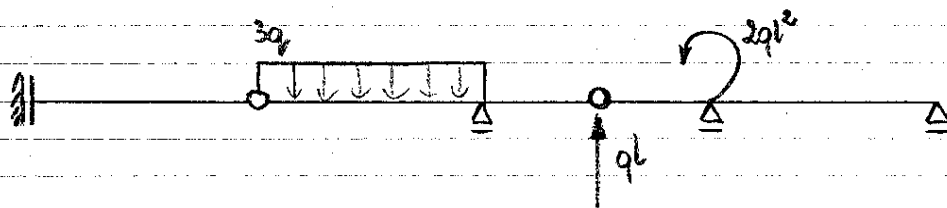
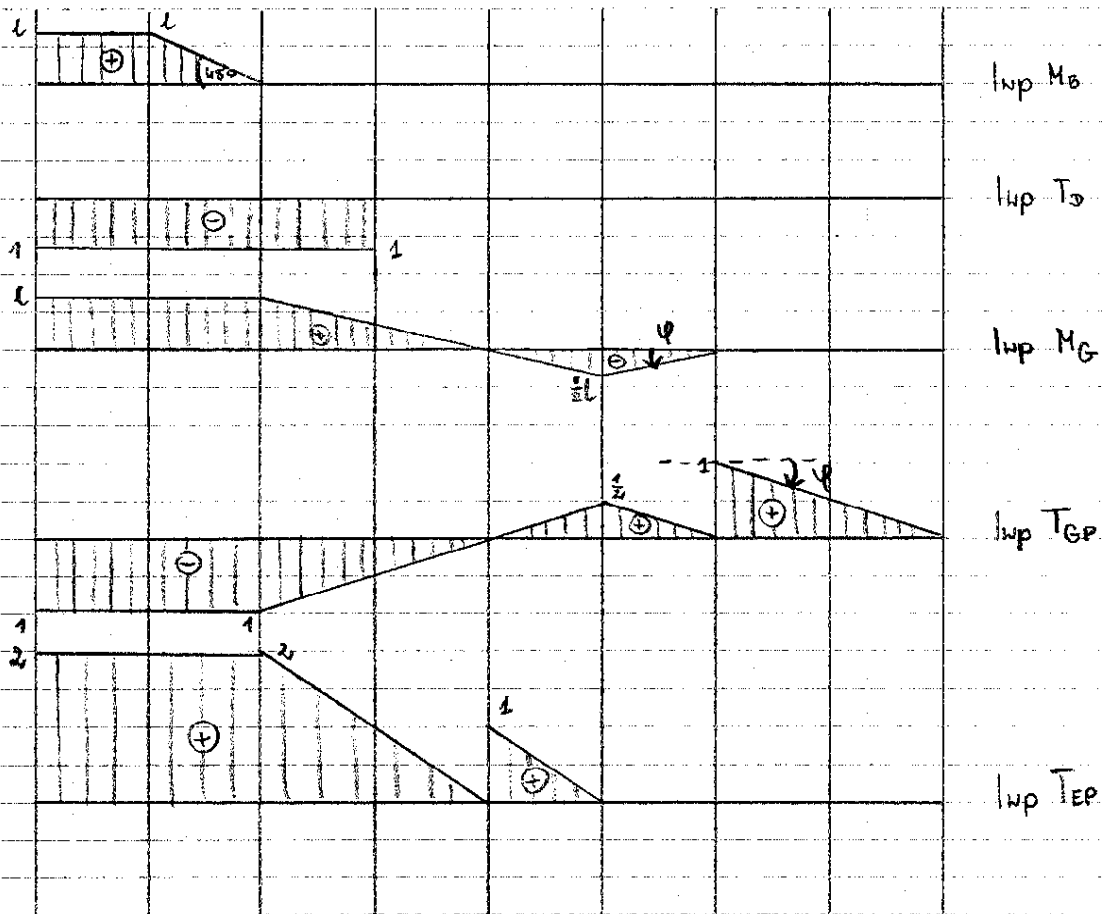
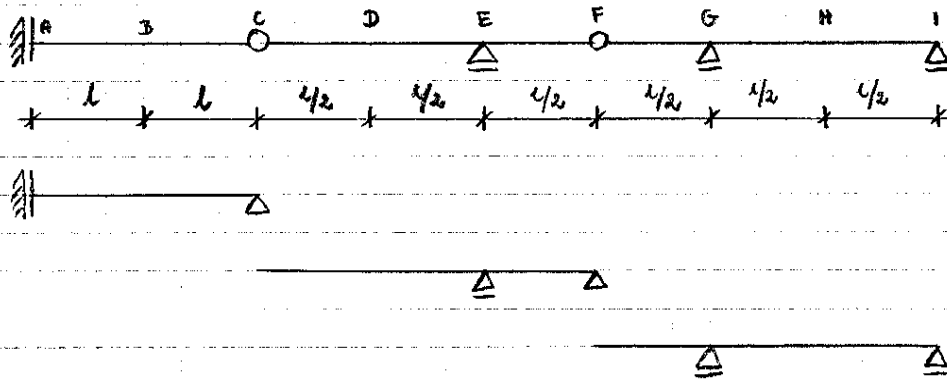


$$M_A = 2q \left(\frac{1}{2} \cdot l \cdot l \right) + 2q \left(-\frac{1}{2} \cdot \frac{1}{2} l \cdot \frac{1}{2} l \right) + 2ql \cdot \left(-\frac{1}{2} l \right) + ql^2 \cdot 0 = -\frac{1}{4} ql^2$$

$$T_{FL} = 2ql \cdot 0 + 2q \cdot 0 + ql^2 \cdot 0 = 0$$

$$M_D = 2q \cdot 0 + 2ql \cdot 0 + ql^2 \cdot 0 = 0$$

$$M_F = 2q \cdot 0 + 2ql \cdot 0 + ql^2 \cdot \operatorname{tg} \varphi = ql^2 \cdot 1 = ql^2$$



$$M_B = 0$$

$$T_D = 3q \cdot (-1 \cdot \frac{1}{2}l) = -\frac{3}{2}ql$$

$$M_G = 3q \cdot (\frac{1}{2} \cdot l \cdot l) - ql \cdot (-\frac{1}{2}l) - 2ql^2 \cdot 1 = 0$$

$$T_{GP} = 3q \cdot (-\frac{1}{2} \cdot 1 \cdot l) - ql \cdot \frac{1}{2} + 2ql^2 \cdot \frac{1}{2} = 0$$

$$T_{EP} = 3q \cdot (\frac{1}{2} \cdot 2 \cdot l) = 3ql$$