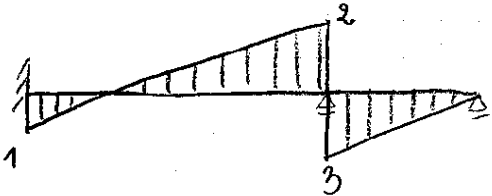


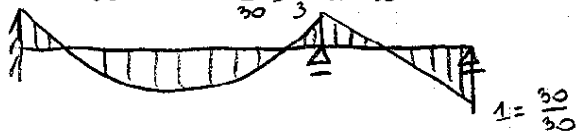
(ψ_0)



(M_1) [$\frac{EJ}{l}$]

$$\frac{1}{12} ql^2 = \frac{1}{3} = \frac{10}{30}$$

$$\frac{10}{30} = \frac{1}{3} \cdot \frac{1}{2} = \frac{15}{30}$$



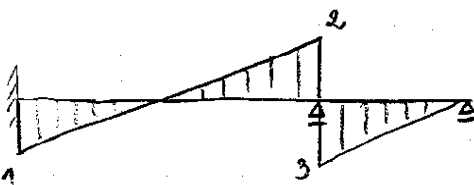
(M_P) [ql^2]

$$M_{11} z_1 + R_{1P} = 0$$

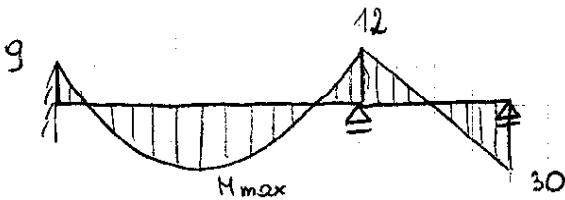
$$M_{11} = (3+2) \frac{EJ}{l} = 5 \frac{EJ}{l}$$

$$R_{1P} = \left(\frac{1}{3} - \frac{1}{2} \right) ql^2 = -\frac{1}{6} ql^2$$

$$z_1 = -\frac{R_{1P}}{M_{11}} = \frac{1}{6} ql^2 \cdot \frac{1}{5} \frac{l}{EJ} = \frac{1}{30} \frac{ql^3}{EJ}$$

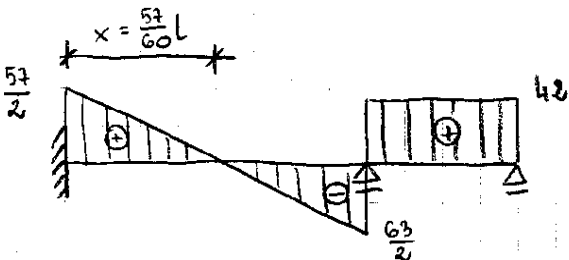


($M_1 z_1$) \times [$\frac{1}{30} ql^2$]



M [$\times \frac{1}{30} ql^2$]

$$M_{max} = -\frac{9}{30} ql^2 + \frac{57}{60} ql \cdot \frac{57}{60} l - q \cdot \frac{57}{60} l \cdot \frac{1}{2} \cdot \frac{57}{60} l =$$



T [$\times \frac{1}{30} ql^2$]

$$\downarrow \frac{3}{2} \cdot \frac{1}{30} = \frac{3}{60}$$

$$\frac{3}{60} = \frac{3}{2} \uparrow \uparrow u_2 \quad u_2 \downarrow$$

$$\uparrow 1 = \frac{60}{60}$$

$$\uparrow 1$$