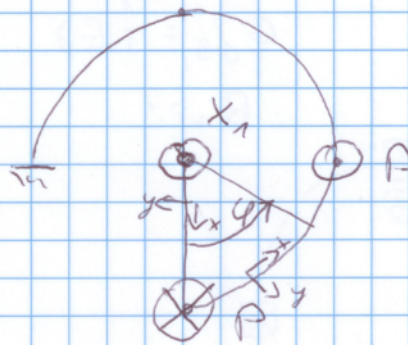
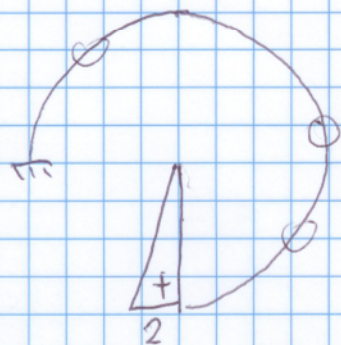


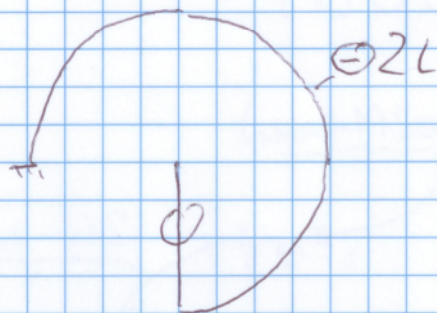
$$G J_s = E J$$



$$M_1 [1]$$



$$M_1 [1]$$

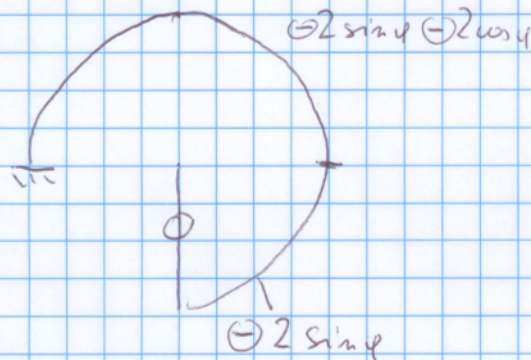


$$\delta_{11} = \left( \frac{8}{3} + 12\pi \right) \frac{l^3}{EJ} \approx 40,3 \frac{l^3}{EJ}$$

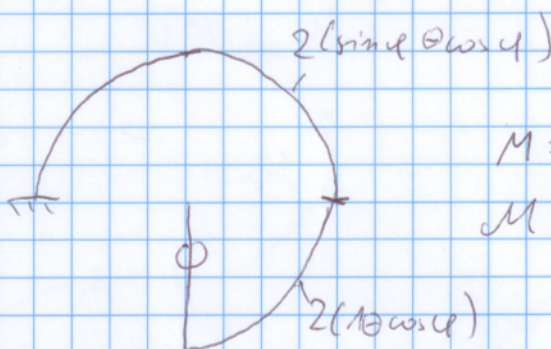
$$\delta_{10} = \left( -8 - 4\pi \right) \frac{Pl^3}{EJ} \approx -20,57 \frac{Pl^3}{EJ}$$

$$X_1 = -\frac{\delta_{10}}{\delta_{11}} = \frac{0 + 3\pi}{2 + 8\pi} P \approx 0,51 P$$

$$M_0 [Pl]$$



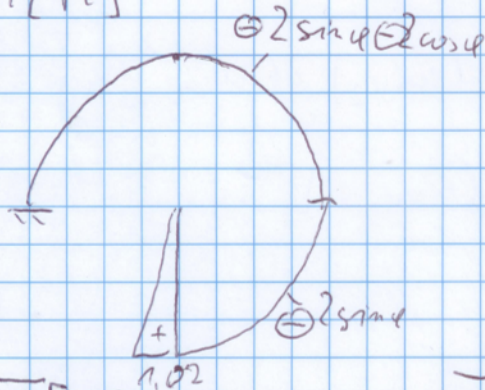
$$M_1 [Pl]$$



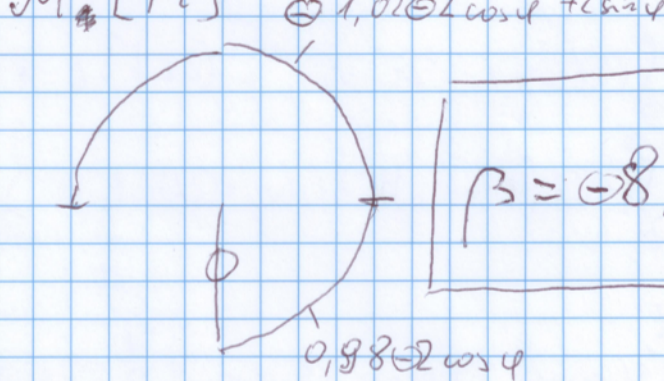
$$M = M_0 + X_1 M_1$$

$$M = M_0 + X_1 M_1$$

$$M [Pl]$$

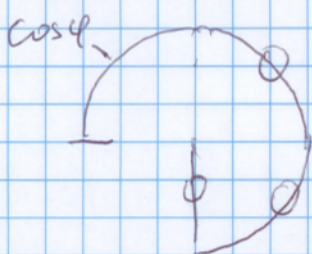


$$M_1 [Pl]$$



$$\beta = -8,32 \frac{Pl^3}{EJ}$$

$$\bar{M} [1]$$



$$\bar{M} [1]$$

