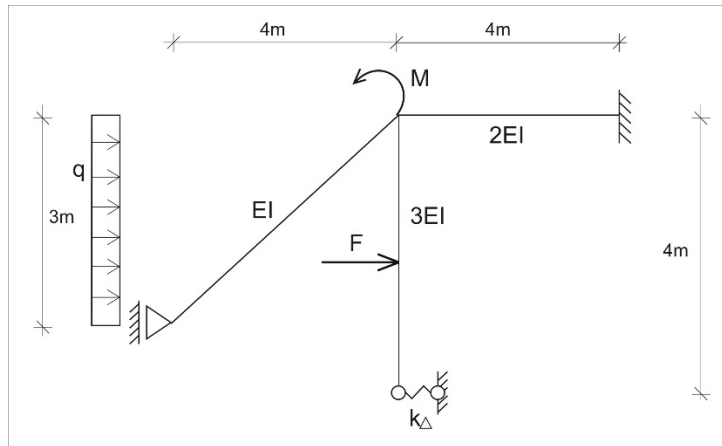


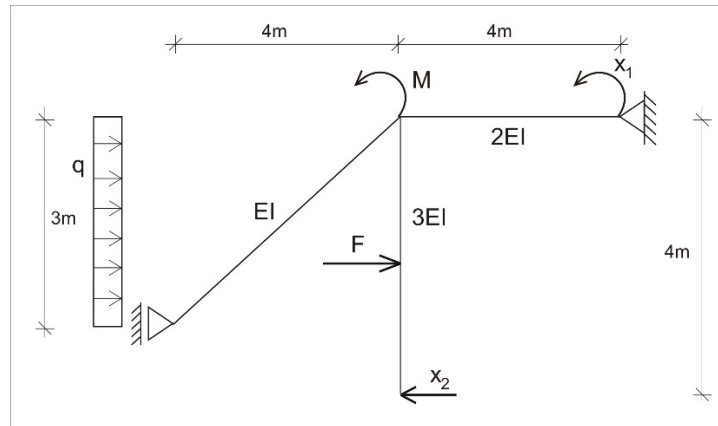
## FORCE METHOD

The Given Structure:

$$F=60\text{kN}, q=20\text{kN/m}, M=100\text{kNm}, k_{\Delta} = 10EI/m^3$$



The Primary Structure



Values of coefficients:

$$\delta_{11} = -3,66 \text{ Rad}$$

$$\delta_{12} = 6,66 \text{ Rad}$$

$$\delta_{1F} = -404,16 \text{ Rad}$$

$$\delta_{22} = -33,77 \text{ m}$$

$$\delta_{21} = 6,66 \text{ m}$$

$$\delta_{2F} = 1750 \text{ m}$$