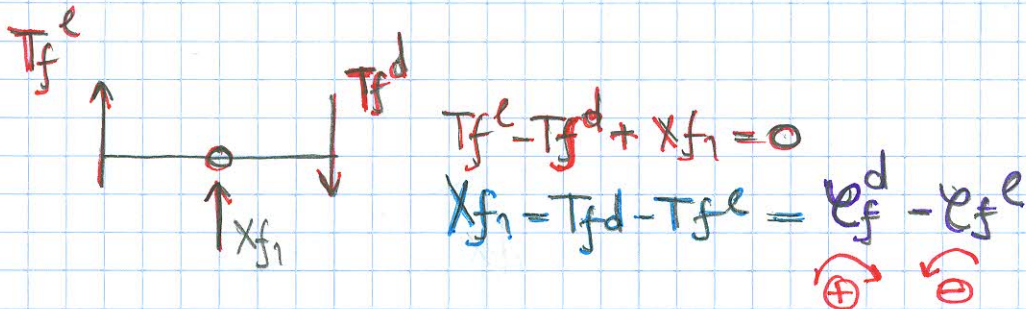


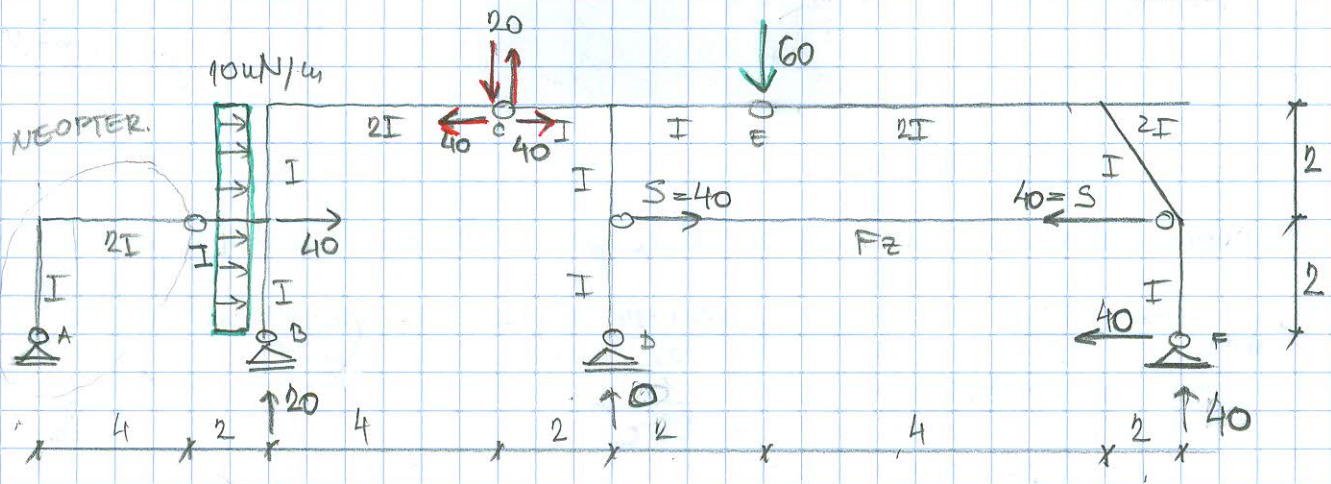
ZADATAK 2.

$M^{(1)}$

$X_{f1} = \dots$



$$X_{f1}^* = \int \frac{I_c}{I} M M^{(1)}$$



$$EI = 10^5 \text{ kNm}^2 \quad I/F_z = 0,1 \text{ m}^2$$

$$1) \sum M_c^l = 0 \quad B \cdot 4 - 40 \cdot 2 = 0 \quad B = 20$$

$$\sum H = 0 \quad 40 - C_H = 0 \quad C = 40 \quad \sum V = 0 \quad 20 + C_V = 0 \quad C_V = -20$$

$$\sum M_F = 0 \quad 20 \cdot 10 + 40 \cdot 4 - 60 \cdot 8 + D \cdot 8 = 0 \quad D = 0$$

$$\sum V = 0 \quad 20 - 60 + 0 + F_V = 0 \quad F_V = 40$$

$$\sum H = 0 \quad 40 - F_H = 0 \quad F_H = 40$$

$$\sum M_E^d = 0 \quad 40 \cdot 4 - 40 \cdot 6 + S \cdot 2 = 0 \quad S = 40$$