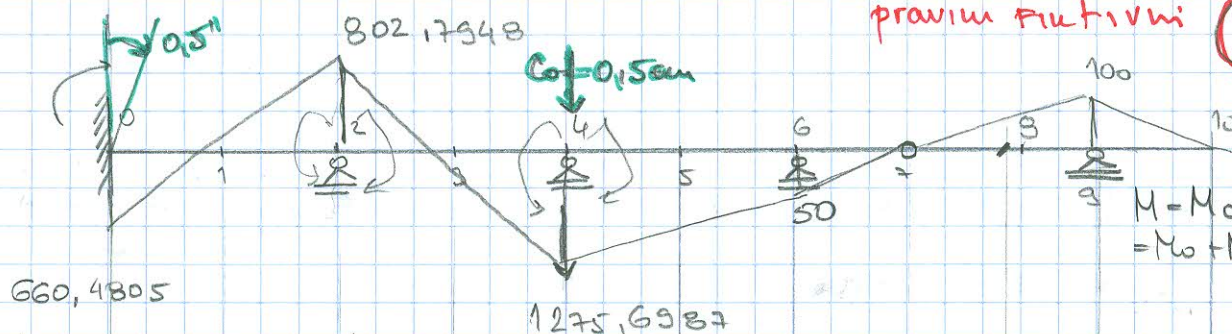


VRAĆAM SE NA POZETNI SISTEM I PRAVIM M, ali tek od M

pravim funkcijom

(M)



$$M = M_0 + \sum M_i x_i = M_0 + M_1 x_1 + M_2 x_2 + M_3 x_3$$

660,4805

$$\varphi_0 = 0,5' = 0,5 \frac{\pi}{60 \cdot 180}$$

$$V_0 = 0$$

$$M_0 = 0$$

$$T_0 = \frac{0,5 \pi}{60 \cdot 180} \cdot E I_c = 145,4441$$

$$V_2 = 0$$

$$\varphi_2 = \varphi_{2d} \neq 0$$

$$M_{2f} = 0$$

$$T_{2f} = T_{2f} \neq 0$$

$$V_4 = 0,5 \text{ cm}$$

$$\varphi_{4l} = \varphi_{4d} \neq 0$$

$$M_{4f} = 5000 \cdot E I$$

$$T_{4f} = T_{4f} \neq 0$$

$$V_6 = 0$$

$$\varphi_{6l} = \varphi_{6d}$$

$$M_{6f} = 0$$

$$T_{6f} = T_{6f}$$

$$V_7 \neq 0$$

$$\varphi_{7l} \neq \varphi_{7d}$$

$$M_{7f} \neq 0$$

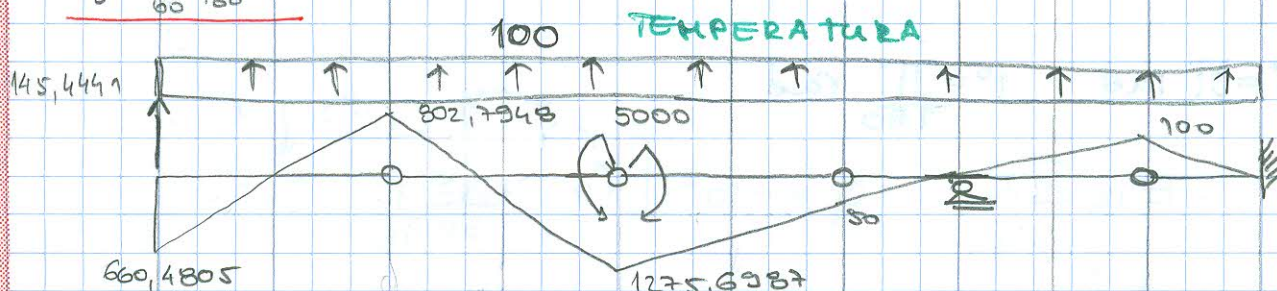
$$T_{7l} \neq T_{7d}$$

$$V_{10} \neq 0$$

$$\varphi_{10} \neq 0$$

$$M_{1f} \neq 0$$

$$T_{1f} \neq 0$$



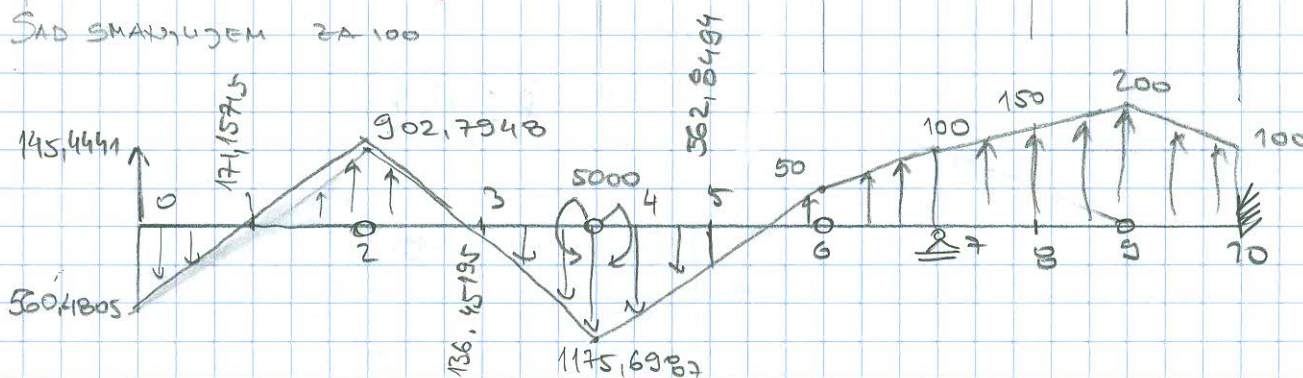
$$m_f^* = \left(\frac{I_c N + E I_c \alpha t t^0}{F} \right) t g \alpha$$

$$t g \alpha = 0$$

RAČUNAM qo teredeuge od t

$$p_f^* = \left(\frac{I_c M + E I_c \alpha t t^0}{I} \right) \frac{1}{h \cos \alpha} = M + 10^6 \cdot 10^{-5} \cdot \frac{-10}{1} = M - 100$$

SAD SMANJENOM ZA 100



$$W_0 = \frac{\lambda}{6} (2p_0 + p_1^l) = \frac{\lambda}{6} (2 \cdot 560,4805 - 171,15715) = 312,6013$$

$$W_1 = \frac{\lambda}{6} (p_0 + 2p_1^l + 2p_1^d + p_2^l) = \frac{\lambda}{6} (560,4805 - 4 \cdot 171,15715 - 902,7948) = -342,3143$$

$$W_2 = \frac{\lambda}{6} (-171,15715 - 4 \cdot 902,7948 + 136,45195) = -1215,2948$$

$$W_3 = \frac{\lambda}{6} (-902,7948 + 136,45195 + 1175,6987) = 272,9039$$

$$W_4 = \frac{\lambda}{6} (p_3 + 4p_4 + p_5) = 1800,6987$$

$$W_5 = \frac{\lambda}{6} (p_4 + 4p_5 + p_6) = 1125,6988$$

$$W_6 = \frac{\lambda}{6} (p_5 + 4p_6 + p_7) = 87,6165$$