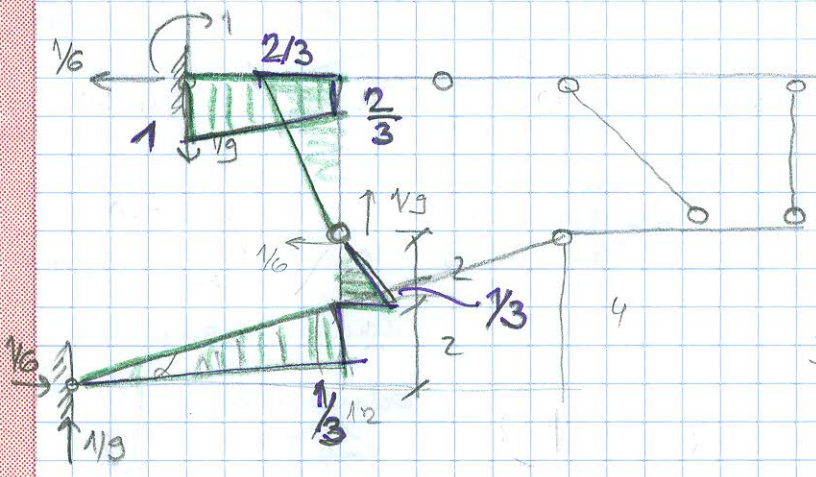
$\Sigma H = 0 \quad -H_0 + H_n = 0 \quad H_0 = \frac{1}{6} \quad H_{11} = \frac{1}{6}$

$\Sigma V = 0 \quad V_{11} - V_0 = 0 \quad V_0 = \frac{1}{9} \quad V_{11} = \frac{1}{6}$

$tg\alpha = \frac{4}{12} = \frac{1}{3}$

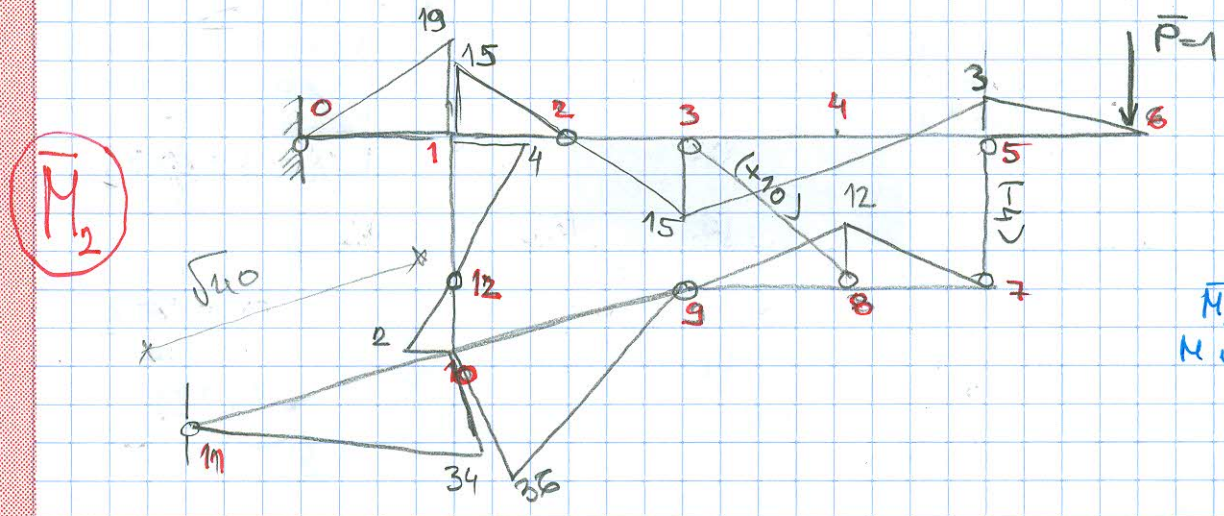


$\bar{M}_1$

$\frac{4}{3} \cdot \frac{3}{3} = \frac{12}{3}$

$\frac{6}{9} \cdot \frac{1}{6} = \frac{36-18}{54} = \frac{+18}{54} = +\frac{1}{3}$

X_{f2} = POZITIVAN FIKT. MOMENT $\underline{\underline{M.M}}$ POZITIV. VERTIKALNO POMERANJE



$\bar{M}_2 = \frac{1}{150} M$

Dijagram $\bar{M}_2$ je isti kao M umanjen 150puta

$X_{f1} = \frac{1}{EI_c} \cdot \int M\bar{M}_1 \, ds = \frac{1}{EI} \cdot X_{f1}^* \qquad EI_c = const$

$X_{f1}^* = \int M\bar{M}_1 \, ds = -\frac{3}{6} \cdot 2850 \cdot (1 + 2 \cdot \frac{2}{3}) - \frac{4}{3} \cdot \frac{2}{3} \cdot 600 - \frac{2}{3} \cdot \frac{1}{3} \cdot 300 + \frac{\sqrt{40}}{3} \cdot \frac{1}{3} \cdot 5100 =$

$= -1425 \cdot \frac{7}{3} - \frac{1600}{3} - \frac{200}{3} + \frac{\sqrt{40} \cdot 1700}{3} =$

$= \frac{1}{3}\left(1700\sqrt{40} - 1425 \cdot 7 - 1600 - 200\right) = -\frac{1023,25596}{3}$

$X_{f1}^* = -341,08531983$