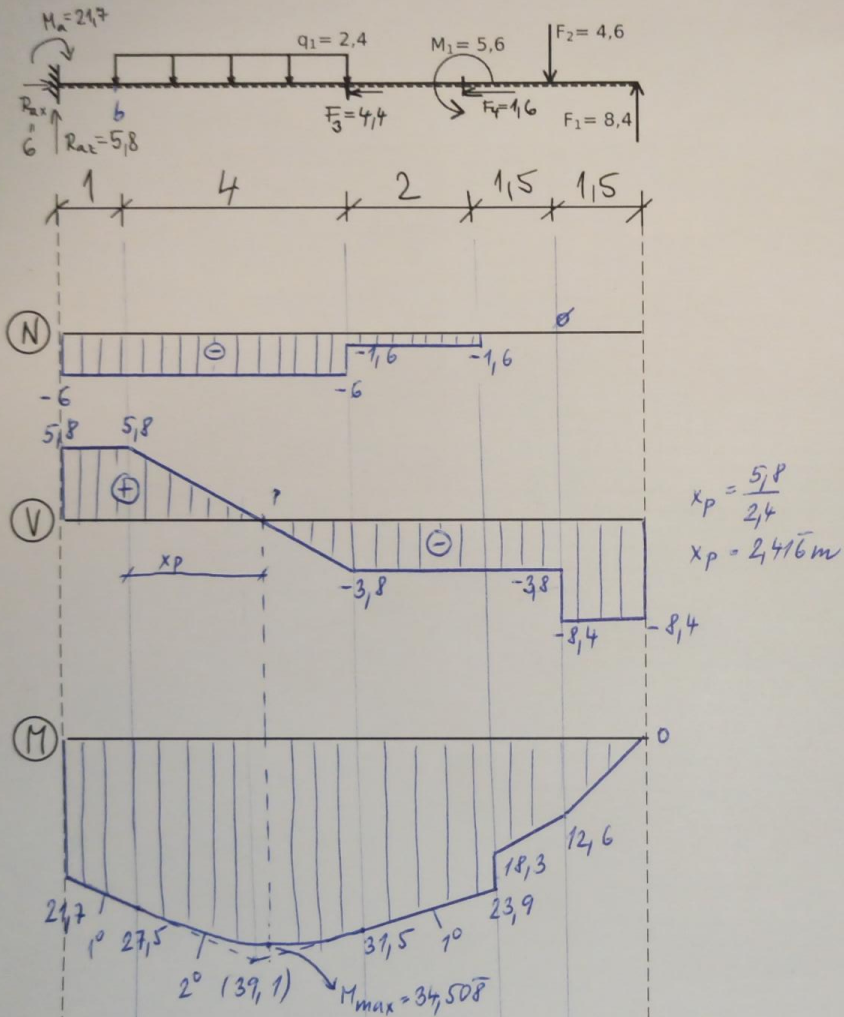
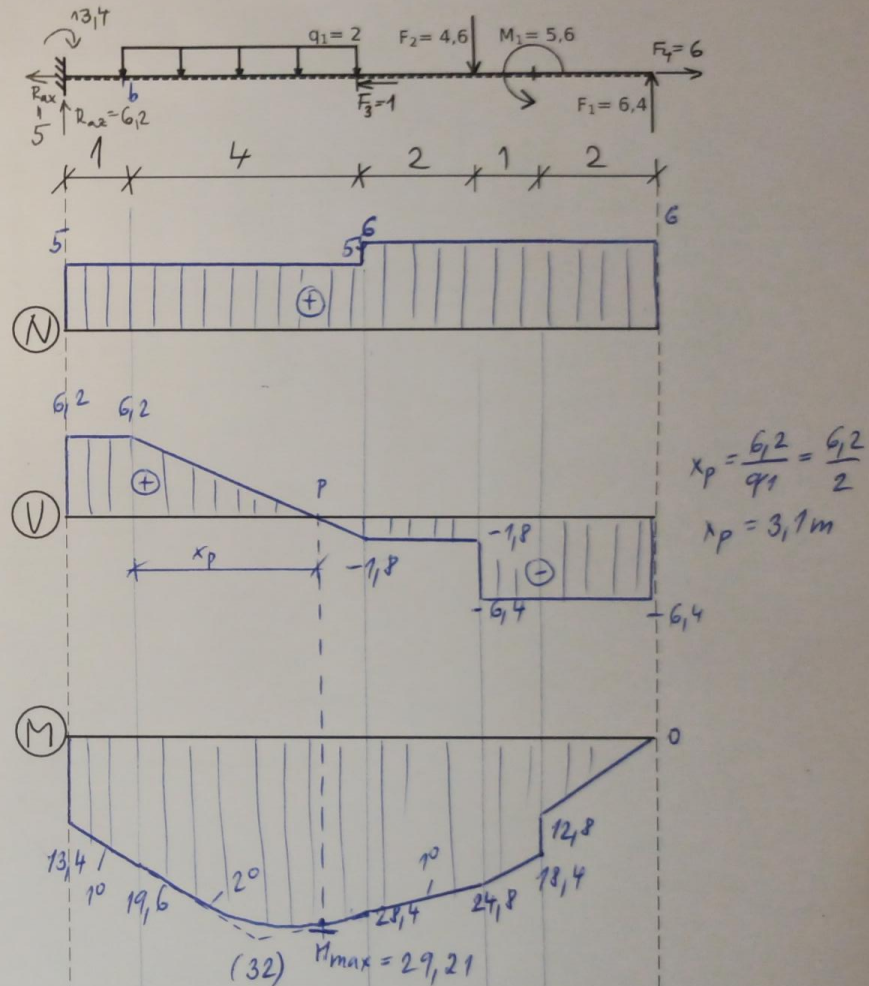




$$\begin{aligned}
 M_{max} &= M_a + R_{az} \cdot (1 + x_p) - q_1 \cdot x_p \cdot \frac{x_p}{2} = M_b + \int_b^P V dx = 27.5 + \frac{1}{2} \cdot 5.8 \cdot 2.416 \\
 &= \underline{\underline{37.508 \text{ kNm}}}
 \end{aligned}$$



$$\begin{aligned}
 M_{max} &= M_a + R_{az} \cdot (1 + x_p) - q_1 \cdot \frac{x_p^2}{2} = M_b + \int_b^P V dx = \\
 &= 13.4 + 6.2 \cdot 4.1 - 2 \cdot \frac{3.1^2}{2} = 19.6 + \frac{1}{2} \cdot 6.2 \cdot 3.1 = \\
 &= \underline{\underline{29.21 \text{ kNm}}}
 \end{aligned}$$