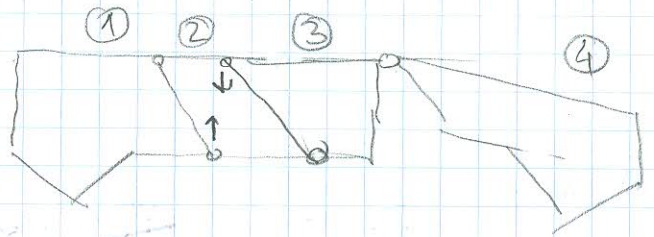


$M=x$

$$b) \quad H^{(A)} = \frac{l_1}{f} = \frac{20}{12,5} = 1,6$$

$$H^{(B)} = \frac{l_2}{f} = \frac{20}{12,5} = 1,6$$



$$\begin{aligned} * \quad V_3 &= -T_{(2),0} + \frac{1}{8} H \\ &= V_{3,0} + V_{3H} \cdot H \end{aligned}$$

$$V_{3,0}^{(A)} = -T_{(2),0}^{(A)} = -1$$

$$V_{3H} H^{(A)} = \frac{1}{8} \cdot 1,6 = 0,2$$

$$V_{3,0}^{(B)} = -T_{(2),0}^{(B)} = -(-1) = 1$$

$$V_{3H} H^{(B)} = \frac{1}{8} \cdot 1,6 = 0,2$$

$$\begin{aligned} * \quad D_4 &= \sqrt{2} T_{(3),0} - \frac{\sqrt{2}}{8} H \\ &= D_{4,0} + D_{4H} \cdot H \end{aligned}$$

$$D_{4,0}^{(A)} = \sqrt{2} T_{(3),0}^{(A)} = \sqrt{2} \cdot 1 = \sqrt{2}$$

$$D_{4H} \cdot H^{(A)} = -\frac{\sqrt{2}}{8} \cdot 1,6 = -0,2\sqrt{2}$$

$$D_{4,0}^{(B)} = \sqrt{2} T_{(3),0}^{(B)} = \sqrt{2} (-1) = -\sqrt{2}$$

$$D_{4H} H^{(B)} = -\frac{\sqrt{2}}{8} \cdot 1,6 = -0,2\sqrt{2}$$