



$$T_1 = T_{1,0} + H tg \alpha_0 = 0 \quad T_{1,0} = H tg \alpha_0 \quad H = \frac{-T_{1,0}}{tg \alpha_0} = 22 T_{1,0}$$

$$\begin{array}{l} H^{(A)} = -(1) 22 = -22 \\ H^{(B)} = -(-1) \cdot 22 = 22 \end{array}$$

$V_4 = \dots$ Da li mogu ovako da računam

$$\sum M_3 = 0 \quad M_{3,0} + 0.5 \cdot h_3 + V_4 \cdot 4 - H y_3 = 0$$

$$V_4 = -\frac{1}{4} M_{3,0} - 0.5 \frac{h_3}{4} + H \frac{y_3}{4} \quad \left[tg 34 = \frac{2}{16} = \frac{1}{8} \right]$$

$$0.5 = \dots \quad \sum M_4 = 0$$

$$M_{4,0} + 0.5 \cdot h_4 - H \cdot y_4 = 0 \quad 0.5 = -\frac{M_{4,0}}{h_4} + H \frac{y_4}{h_4}$$

$$V_4 = -\frac{M_{3,0}}{4} + \frac{M_{4,0} h_3}{h_4 \cdot 4} - H \frac{y_4}{h_4} \cdot \frac{h_3}{4} + H \frac{y_3}{4}$$

$$V_4 = -\frac{M_{3,0}}{4} + \frac{M_{4,0} h_3}{h_4 \cdot 4} - H \left(\frac{y_4 h_3}{4 h_4} - \frac{y_3}{4} \right)$$

$$V_4 = -\frac{M_{3,0}}{4} + \frac{5}{22} M_{4,0} + 0.28099 H$$

$$V_{4,0}^{(A)} = -\frac{32}{4} + \frac{5}{22} \cdot 36 = 0.18 \quad 0.28099 H^{(A)} = -6.18$$

$$V_{4,0}^{(B)} = -\frac{12}{4} + \frac{5}{22} \cdot 8 = -1.18 \quad 0.28099 H^{(B)} = +6.18$$

$$h_3 = h_4$$

$$h_3 = 4 + 8 \cdot \frac{1}{8} = 5$$

$$h_4 = 4 + 12 \cdot \frac{1}{8} = 5.5$$

$$y_3 = 12 - 5 - \frac{32}{22}$$

$$= 5.54$$

$$y_4 = 12 - 5.5 - \frac{36}{22}$$

$$= 4.863$$