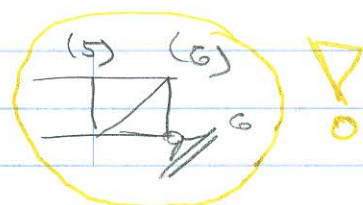


$$M_0 \rightarrow \dots \rightarrow M_0$$


$$d_0 = 0$$

$$f = 4 \text{ m}$$

$$\lg \alpha = \frac{3}{4}$$

$$\tan \alpha = \frac{f}{x} \Rightarrow x - \frac{f}{\tan \alpha} = \frac{4}{3/4} = \frac{4 \cdot 4}{3} = \frac{16}{3}$$

$$\uparrow) M_g = M_{g,0} - H \cdot f = 0$$

$$H = \frac{M_{gro}}{f}$$

Iz u.l. znam da je  $M=x$  i  $M=x$

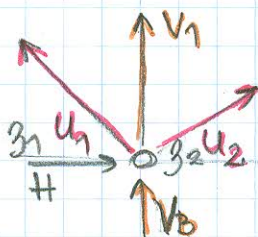
$$H^{(b)} = \frac{C_1}{f} = \frac{20}{4} = 5$$

$$H^{(c)} - \frac{l_2}{f} = \frac{16}{3} \cdot \frac{1}{4} = \frac{4}{3}$$

$$H(c) = \frac{4}{3}$$

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2)  $V_1 = \dots$  Kada imam vertikalnu tada uvek prvo uradim čvor, pa u čvoru vidim koje mi sile trebaju pa u njih računam iz  $M$ .



$$\Sigma V = 0 \quad V_1 + V_3 + U_2 \cdot \sin 32^\circ + U_7 \cdot \sin 37^\circ = 0$$

$$V_1 = -V_B - u_2 \sin \alpha_2 - u_1 \sin \alpha_1$$

Da li gledam da li je levo ili desno od  
preseka ili tuora jer imam 2M<sub>1</sub> i 2M<sub>2</sub>  
OD PRESEKA

$$u_1 = \dots$$

$$\downarrow \sum \vec{M}(1) = 0 \quad \underline{M(1,0) - u_1 \cdot h_1 \cdot \cos 37^\circ = 0}$$

$$U_1 = \frac{1}{\cos \alpha_1} \frac{H_{1,0}}{h_1}$$

$$\tan z_1 = \frac{4}{4} = 1 \quad \cos z_1 = \frac{1}{\sqrt{2}} = \frac{\sqrt{2}}{2}$$

$$\tan \beta_2 = \frac{2}{4} = \frac{1}{2} \quad \cos \beta_2 = \frac{2}{\sqrt{5}}$$

$$h_1 = 7$$

$$y(0) = 7$$

$$u_2 = \dots$$

$$\uparrow \sum_{i=1}^L H(i) = 0$$

$$M_{1,0} - U_2 \cdot \cos \beta_2 \cdot h_1 - H \cdot y_{(1)} = 0$$

$$U_2 = \frac{1}{\cos 32} \left( \frac{n_{10}}{n_1} - H \cdot \frac{y_0}{n_1} \right)$$

$$U_2 = \frac{1}{\cos 32} \left( \frac{M_{1,0}}{h_1} - H \right)$$