

Preko T računam kada su POJASEVI PARALELNI

$$V_3 = \dots$$

$$\sum V = 0$$

$$T_{(2)} + V_3 = 0$$

$$H' = \frac{H}{\cos \alpha_0}$$

$$T_{(2),0} - H' \sin \alpha_0 + V_3 = 0$$

$$T_{(2),0} - H \tan \alpha_0 + V_3 = 0$$

$$V_3 = H \tan \alpha_0 - T_{(2),0}$$

$$D_4 = \dots$$

$$\sum V = 0$$

$$T_{(3)} - D_4 \sin \gamma_4 = 0$$

$$T_{(3),0} - H' \sin \alpha_0 - D_4 \sin \gamma_4 = 0$$

$$\tan \gamma_4 = \frac{5}{5} = 1$$

$$T_{(3),0} - H \tan \alpha_0 - D_4 \sin \gamma_4 = 0$$

$$\sin \gamma_4 = \frac{5}{\sqrt{50}} = \frac{1}{\sqrt{2}}$$

$$D_4 = \frac{1}{\sin \gamma_4} (T_{(3),0} - H \tan \alpha_0)$$

$$D_4 = \sqrt{2} \left(T_{(3),0} - \frac{1}{8} H \right)$$

$$O_9 = \dots$$

$$\sum M_B = 0$$

$$\vec{M}_B + O_9 \cdot h_B \cdot \cos \alpha_g = 0$$

zau formulu iz
Og
hg cos αg

$$M_u = M_{u,0} - H \cdot y_u$$

$$M_{B,0} - H \cdot y_B + O_9 \cdot h_B \cdot \cos \alpha_g = 0$$

$$\tan \alpha_g = \frac{5}{25} = \frac{1}{5}$$

$$O_9 = \frac{1}{\cos \alpha_g} \left(-\frac{M_{B,0}}{h_B} + \frac{H y_B}{h_B} \right)$$

$$\cos \alpha_g = \frac{5}{\sqrt{1^2 + 5^2}} = \frac{5}{\sqrt{26}}$$

$$= \frac{\sqrt{26}}{5} \left(-\frac{M_{B,0}}{7} + \frac{H \cdot \frac{35}{8}}{7} \right)$$

$$h_B = 10 - 15 \cdot \tan \alpha_g = 7$$

$$y_B = 35 \cdot \tan \alpha_0 = \frac{35}{8}$$

$$O_9 = \frac{\sqrt{26}}{5} \left(-\frac{M_{B,0}}{7} + H \cdot \frac{5}{8} \right)$$

$$U_9 = \dots$$

$$\sum M_{(9)} = 0$$

$$M_{(9)} - U_9 \cdot h_g \cos \beta_g = 0$$

$$M_{(9),0} - H \cdot y_{(9)} - U_9 h_g \cos \beta_g = 0$$

$$U_9 = \frac{1}{\cos \beta_g} \left(\frac{M_{(9),0}}{h_g} - \frac{H \cdot y_{(9)}}{h_g} \right)$$

$$h_g = 15 - 20 \cdot \tan \alpha_g =$$

$$= 15 - 20 \cdot \frac{1}{5} = 11$$

$$\tan \beta_g = \frac{5}{5} = 1$$

$$U_9 = \sqrt{2} \left(\frac{M_{(9),0}}{11} - H \right)$$

$$\cos \beta_g = \frac{5}{\sqrt{1^2 + 5^2}} = \frac{1}{\sqrt{2}}$$

$$y_{(9)} = h_g = 11$$