

(o)

1

g

 $\frac{8}{7}$ 

1

 $\frac{7}{7}$  $Va'$  $l = \frac{5}{2}$  $\frac{15}{44}$  $M_{11,0}$ 

$$\frac{l_2}{5} = \frac{105}{44}$$

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$$\frac{105}{44} \cdot \frac{1}{7} \cdot 1 = \frac{15}{44}$$

 $\frac{l_1}{5}$  $\frac{l_2}{5}$ 

$$V_1^{(0)} = -\frac{8}{7} - \frac{12}{35} \cdot \left(-\frac{5}{2}\right) + \frac{39}{35} \cdot \left(-\frac{15}{44}\right) = -0,6656$$

 $D_3 = \dots$ 

$$\sum M_2^L = 0$$

$$M_{2,0} - H \cdot y_2 + D_3 \cdot \cos \alpha_3 \cdot h_2 + O_3 \cdot \cos \alpha_3 \cdot h_2 = 0$$

pa li x levo  
giri desno

$$D_3 = \frac{1}{\cos \alpha_3} \left( -\frac{M_{2,0}}{h_2} + \frac{H \cdot y_2}{h_2} - O_3 \cos \alpha_3 \right)$$

$$\sum M_3^D = 0$$

$$M_{3,0} - H \cdot y_3 + O_3 \cdot \cos \alpha_3 \cdot h_3 = 0$$

$$O_3 = \frac{1}{\cos \alpha_3} \left( -\frac{M_{3,0}}{h_3} + \frac{H \cdot y_3}{h_3} \right)$$

$$D_3 = \frac{1}{\cos \alpha_3} \left( -\frac{M_{2,0}}{h_2} + \frac{H \cdot y_2}{h_2} + \frac{M_{3,0}}{h_3} - \frac{H \cdot y_3}{h_3} \right)$$

$$= \frac{1}{\cos \alpha_3} \left( -\frac{M_{2,0}}{h_2} + \frac{M_{3,0}}{h_3} + H \left( \frac{y_2}{h_2} - \frac{y_3}{h_3} \right) \right)$$

$$y_2 = 3 - 2,5 \cdot \tan \alpha_0 = 3 - 2,5 \cdot \frac{3}{35} = \frac{39}{14}$$

$$y_3 = 4 - 5 \cdot \tan \alpha_0 - 2,5 \cdot \frac{1}{5} = 4 - 5 \cdot \frac{3}{35} - 2,5 \cdot \frac{1}{5} = \frac{43}{14}$$

$$h_2 = 4 - 2,5 \cdot \frac{1}{7,5} = \frac{11}{3}$$

$$h_3 = 2 + 2,5 \cdot \frac{1}{2,5} + 2,5 \cdot \frac{1}{3 \cdot 7,5} = \frac{17}{6}$$

$$\tan \alpha_3 = \frac{h_2 - 2,5 \cdot \frac{1}{5}}{2,5} = \frac{\frac{11}{3} - 2,5 \cdot \frac{1}{5}}{2,5} = \frac{19}{15}$$

