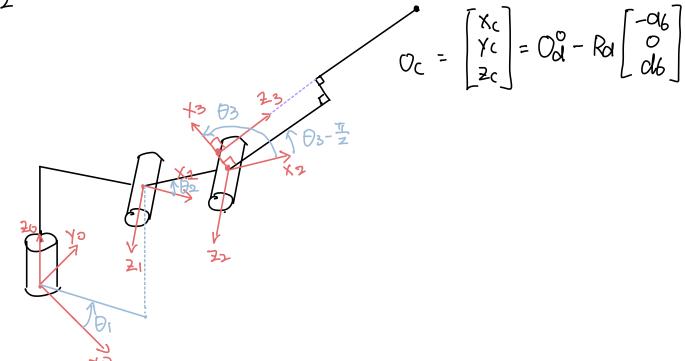


DH Table 1	Link 1 2 3 4 5 6	ai	di	di	θ_i	in	mm
	1	25	$\pi/2$	400	D1		
	2	315	Ð	O	Ð2		
	3	35	$\pi/2$	0	Θз		
	4	0	-T/2	362	θ4		
	5	0	11/2	D	Ð5		
	6	-296.23	30	161,44	₽б		



Find D1:

Top view:

$$\frac{\alpha_1}{\gamma_0} \times \alpha_2$$

$$\frac{\alpha_2}{\gamma_0} \times \alpha_2$$

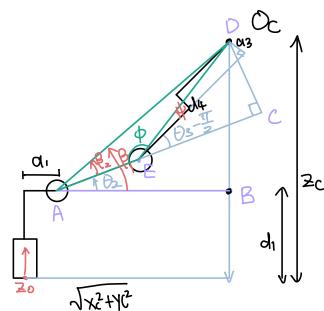
$$\frac{\alpha_2}{\gamma_0} \times \alpha_2$$

$$\frac{\alpha_1}{\gamma_0} \times \alpha_2$$

$$\frac{\alpha_2}{\gamma_0} \times \alpha_2$$

$$\frac{\alpha_2}{\gamma_0} \times \alpha_2$$

Find Oz, O3



$$\begin{split} \overline{AD}^2 &= \overline{AE}^2 + \overline{DE}^2 - 2 \, \overline{AE} \, \overline{DE} \, \cos \varphi \\ & \left(\sqrt{\chi_{*}^2 + \chi_{*}^2} - \alpha_{1} \right)^2 + \left(Z_{*} - \alpha_{1} \right)^2 = \alpha_{2}^2 + \alpha_{2}^2 + \alpha_{1}^2 + \alpha_{1}^2 - 2 \, \alpha_{2} \, \alpha_{2}^2 + \alpha_{1}^2 + \alpha_{1}^2$$