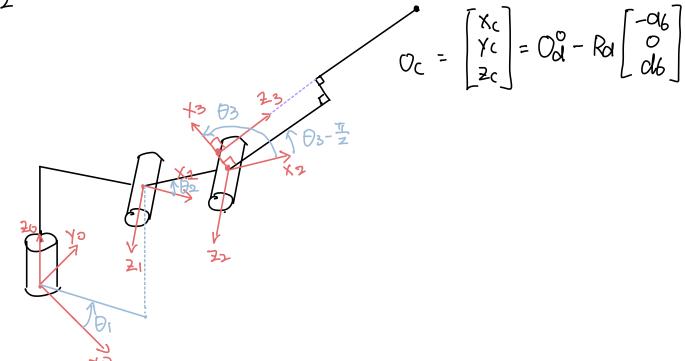


| DH Table 1 | Link 1 2 3 4 5 6 | ai | di | di | θ_i | in | mm |
|------------|------------------------------------|---------|---------|--------|------------|----|----|
| | 1 | 25 | $\pi/2$ | 400 | D1 | | |
| | 2 | 315 | Ð | O | Ð2 | | |
| | 3 | 35 | $\pi/2$ | 0 | Θз | | |
| | 4 | 0 | -T/2 | 362 | θ4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



Find D1:

Top view:

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

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

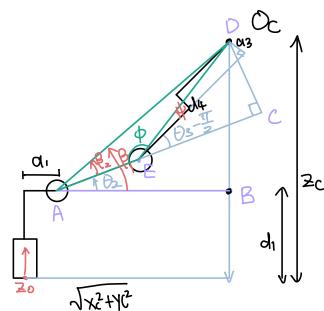
$$\frac{\alpha_2}{\gamma_0} \times \alpha_2$$

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

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

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

Find Oz, O3



$$\begin{split} \overline{AD}^2 &= \overline{AE}^2 + \overline{DE}^2 - 2 \overrightarrow{AE} \ \overline{DE} \ \cos \varphi \\ &(\sqrt{\chi_c^2 + \chi_c^2} - \alpha_1)^2 + (\overline{z_c - d_1})^2 = \alpha_2^2 + \alpha_2^2 + \alpha_2^4 + \alpha_4^4 - 2\alpha_2 \alpha_2 \alpha_3^4 + \alpha_4^4 - 2\alpha_2 \alpha_3^4 + \alpha_4^4 - 2\alpha_3 \alpha_3^4 +$$