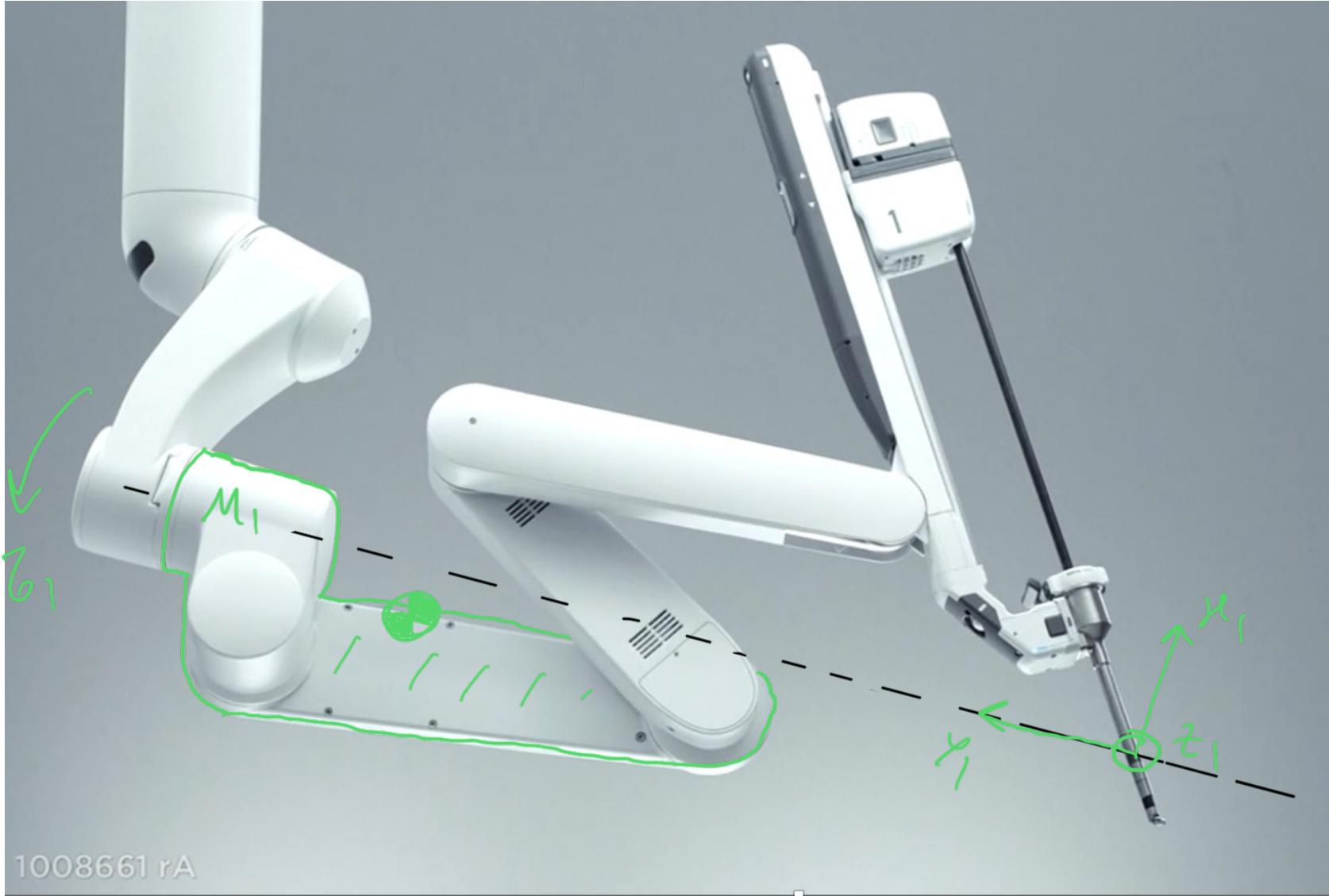


Total weight  $\approx 10\text{kg}$

Link 1



$$c_{m_1} = \begin{bmatrix} -c_{n_x} \\ c_{n_y} \\ -c_{n_z} \end{bmatrix} \approx \begin{bmatrix} -0,05 \\ 0,45 \\ -0,05 \end{bmatrix}$$

$$m_1 \approx 3 \text{ kg}$$

$$I_1 = \begin{bmatrix} I_{1xx} & 0 & 0 \\ 0 & I_{1yy} & 0 \\ 0 & 0 & I_{1zz} \end{bmatrix}$$

$$I_{1xx} = I_{1zz} \rightarrow 0$$

Link 2



$$c_{m2} = ?$$

$$I_2 = ?$$

$$m_2 = 4 \text{ Kg}$$

Link 3



$$m_3 = 3 \text{ Kg}$$

$$c_{m_3} = \begin{bmatrix} -0,03 \\ 0 \\ -0,5 \end{bmatrix}$$

$$I_3 = \begin{bmatrix} I_{3xx} & 0 \\ 0 & I_{3yy} \\ 0 & 0 & I_{3zz} \end{bmatrix}$$