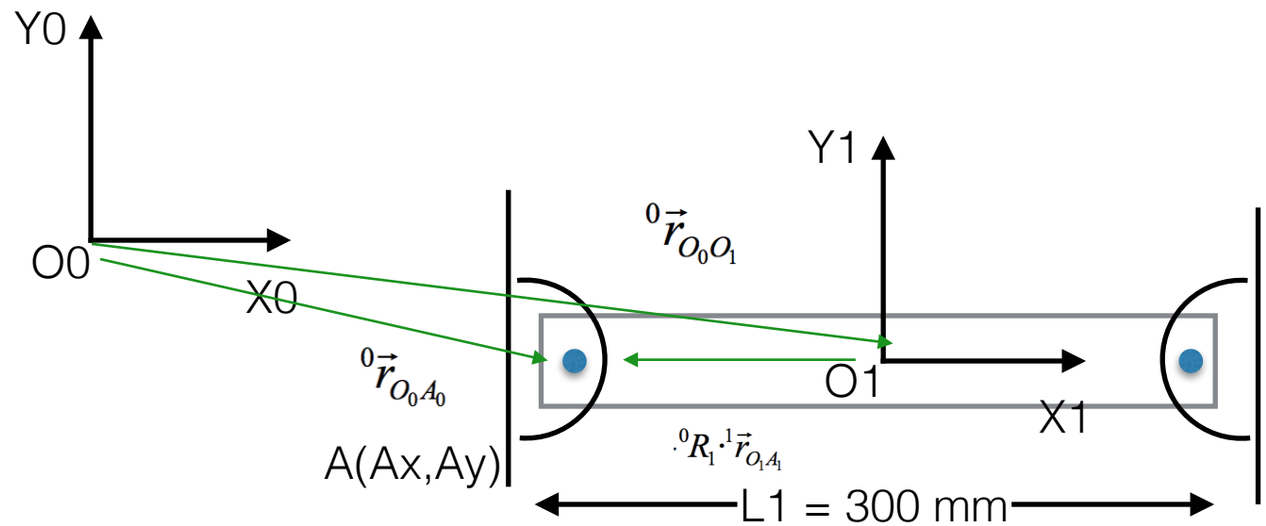
Par R en “A”
(X1, Y1, Θ1)

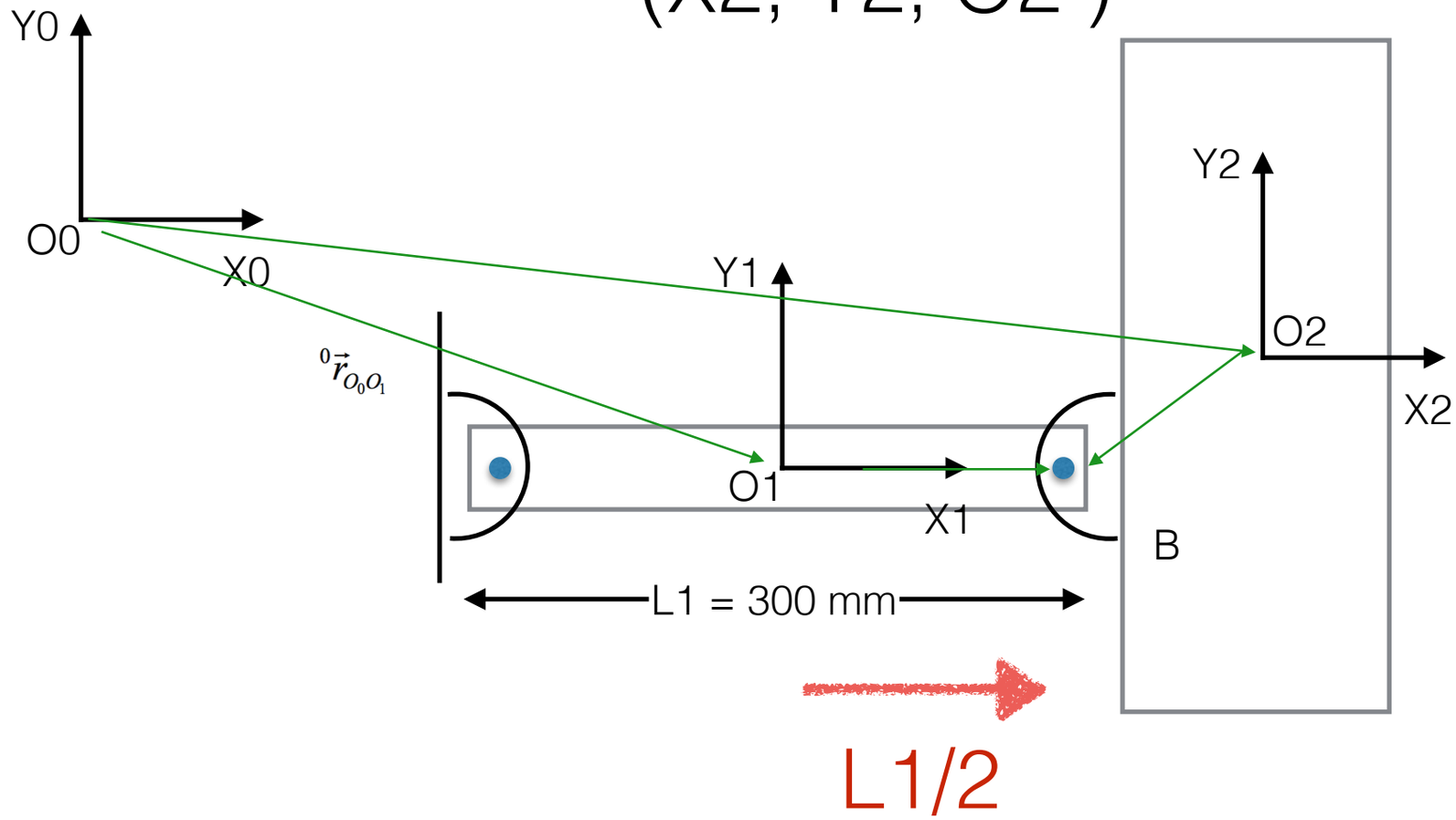


-L1/2

2 Ecuaciones

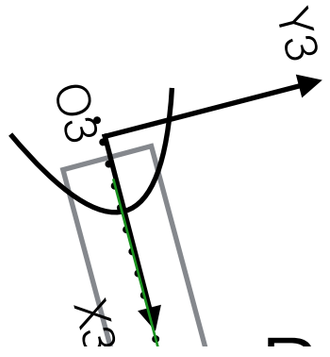
$$^0\vec{r}_{O_0O_1} + {}^0R_1 \cdot {}^1\vec{r}_{O_1A_1} = {}^0\vec{r}_{O_0A_0}$$

Par R en “B”
(X2, Y2, Θ2)



2 Ecuaciones

Par P en “P”
(X3, Y3, Θ3)



$$oR3 := \begin{bmatrix} \cos(\theta_3) & -\sin(\theta_3) \\ \sin(\theta_3) & \cos(\theta_3) \end{bmatrix}$$

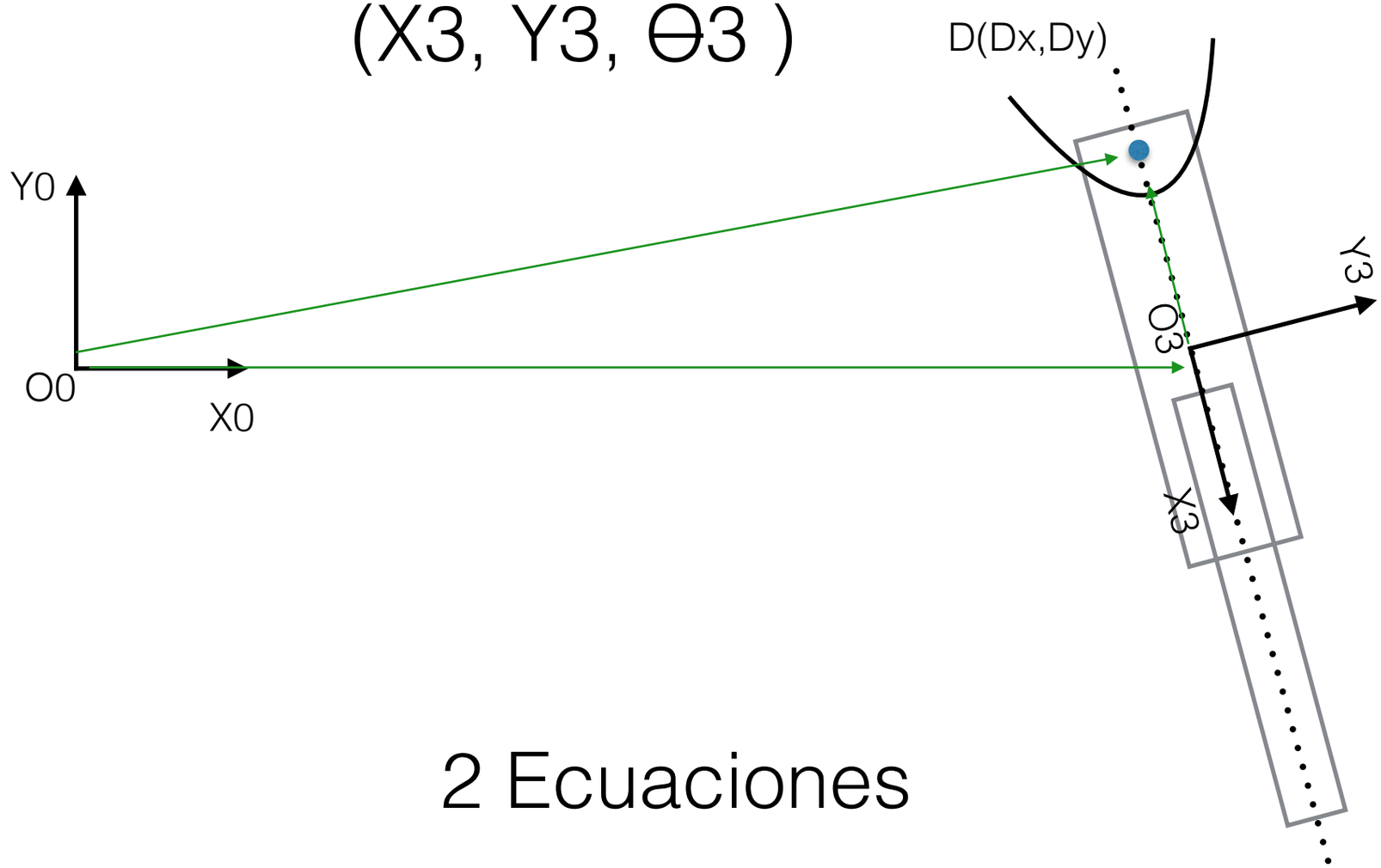
$$EC4 := \theta 3 - \theta_2 + \alpha_1$$

$$u2 := \begin{bmatrix} \cos(\theta_2)\, y_2 \cos(\beta) - \sin(\theta_2)\, y_2 \sin(\beta) \\ \sin(\theta_2)\, y_2 \cos(\beta) + \cos(\theta_2)\, y_2 \sin(\beta) \end{bmatrix}$$

$$u3 := \begin{bmatrix} -\sin(\theta_3) \\ \cos(\theta_3) \end{bmatrix}$$

$$EC3 := -\sin(\overline{\theta_3})\,\left(\cos(\theta_2)\, y_2 \cos(\beta) - \sin(\theta_2)\, y_2 \sin(\beta)\right) + \cos(\overline{\theta_3})\,\left(\sin(\theta_2)\, y_2 \cos(\beta) + \cos(\theta_2)\, y_2 \sin(\beta)\right)$$

Par R en “D”
(X3, Y3, Θ3)



2 Ecuaciones