

$$4095 - 360^\circ - 2\pi$$

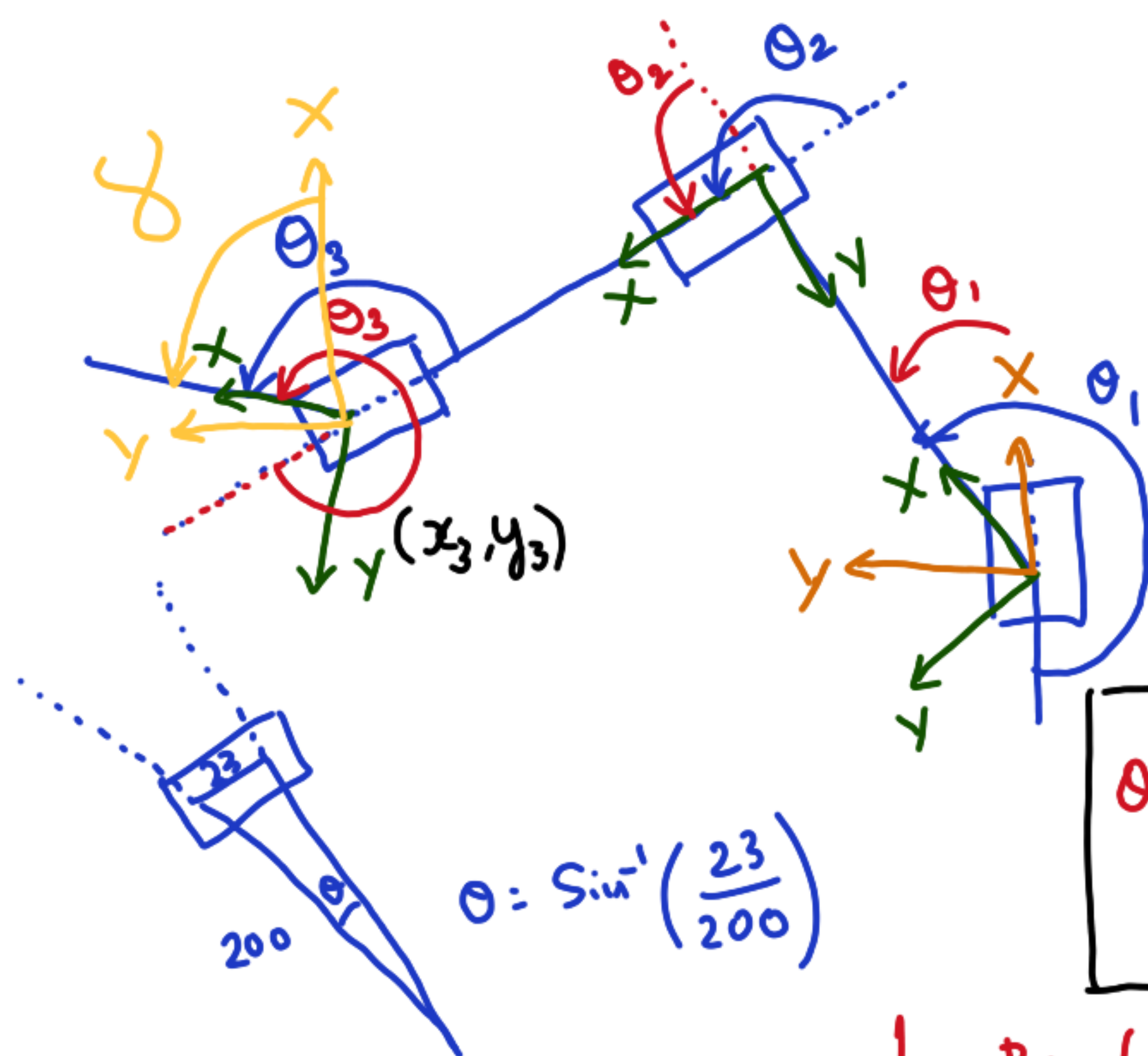
$$x - x - ?$$

$$X = \frac{x \times 360}{4095}$$

$$\text{Radians} = \frac{X \times 2\pi}{360^\circ}$$

$$\Rightarrow \text{Radians} = \frac{x \times 360^\circ}{4095} \times \frac{2\pi}{360^\circ}$$

$$\Rightarrow \text{Radians} = \underline{\underline{x \times 0.001534355}}$$



$$\theta = \sin^{-1}\left(\frac{23}{200}\right)$$

↺ +

$$\Rightarrow \theta_1 = \theta_1 - 180^\circ$$

$$\theta_2 = \theta_2 - (90^\circ + \sin^{-1}\left(\frac{23}{200}\right))$$

$$\theta_3 = \theta_3 + 180^\circ$$

$$\gamma = \theta_1 + \theta_2 + \theta_3$$

$$\theta_2 = \cos^{-1}\left[\frac{x_3^2 + y_3^2 - (L_1^2 + L_2^2)}{2L_1L_2}\right]$$

$$\tan \beta = \frac{L_2 \sin \theta_2}{L_1 + L_2 \cos \theta_2}$$

$$x_3 = x - L_3 \cos \gamma$$

$$y_3 = y - L_3 \sin \gamma$$

$$\Rightarrow \theta_1 = \tan^{-1} \frac{y_3}{x_3} - \tan^{-1} \left[\frac{L_2 \sin \theta_2}{L_1 + L_2 \cos \theta_2} \right]$$

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