

1 culio Inverse Kinematic

We have L1, L2, X, y and P

م للثلث الأول نقر نطلع المجاورة. اذا عرفنا الوتر :-

$$\frac{y}{\tan \theta} = \frac{y \cos \theta}{\sin \theta} = \frac{y \cos \theta}{\sin \theta} = \frac{y \cos \theta}{\sin \theta} = \frac{y \cos \theta}{\tan \theta} = \frac{y \cos \theta}{\tan \theta}$$

Q1 ellai
$$\cos \theta_1 = \frac{y + y}{3z + y} = \frac{x - \frac{y}{t + y}}{L1}$$

$$\theta_1 = \cos^{-1}\left(\frac{x - \frac{y}{t + y}}{L1}\right)$$

$$\theta_2 = \theta - \theta_1$$

$$Q1 = \cos^{-1}\left(\frac{x - \frac{y}{\tan \theta}}{L1}\right)$$

$$Q2 = \theta - Q1$$

