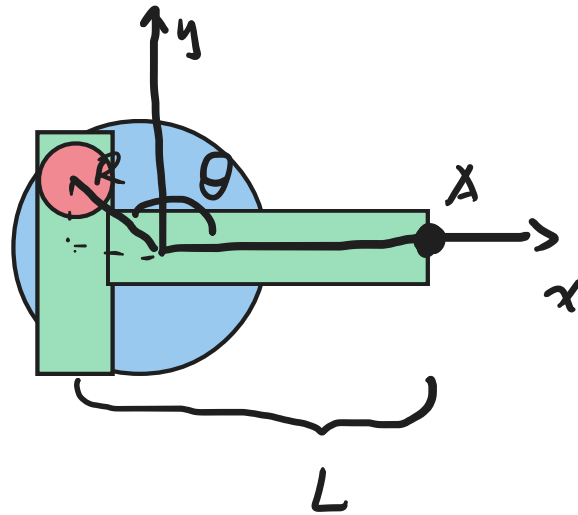
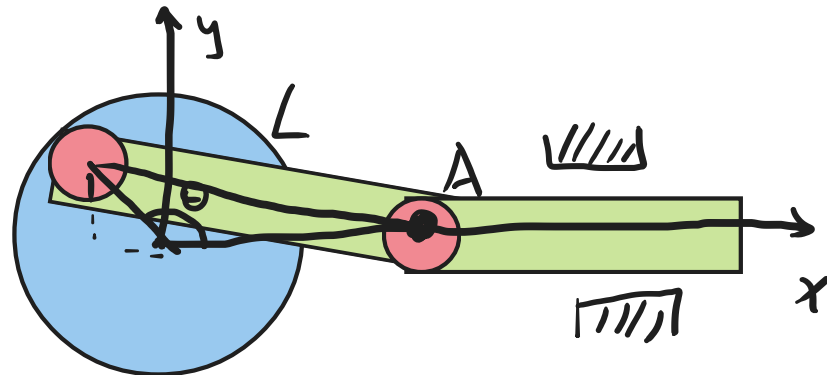


① Scotch Yoke Mechanism



$$x_A = L + R \cos \theta \rightarrow \text{pure sine}$$

② Slider Crank Mechanism



$$x_A = \sqrt{L^2 - R^2 \sin^2 \theta} + R \cos \theta \rightarrow \text{complex Curve}$$