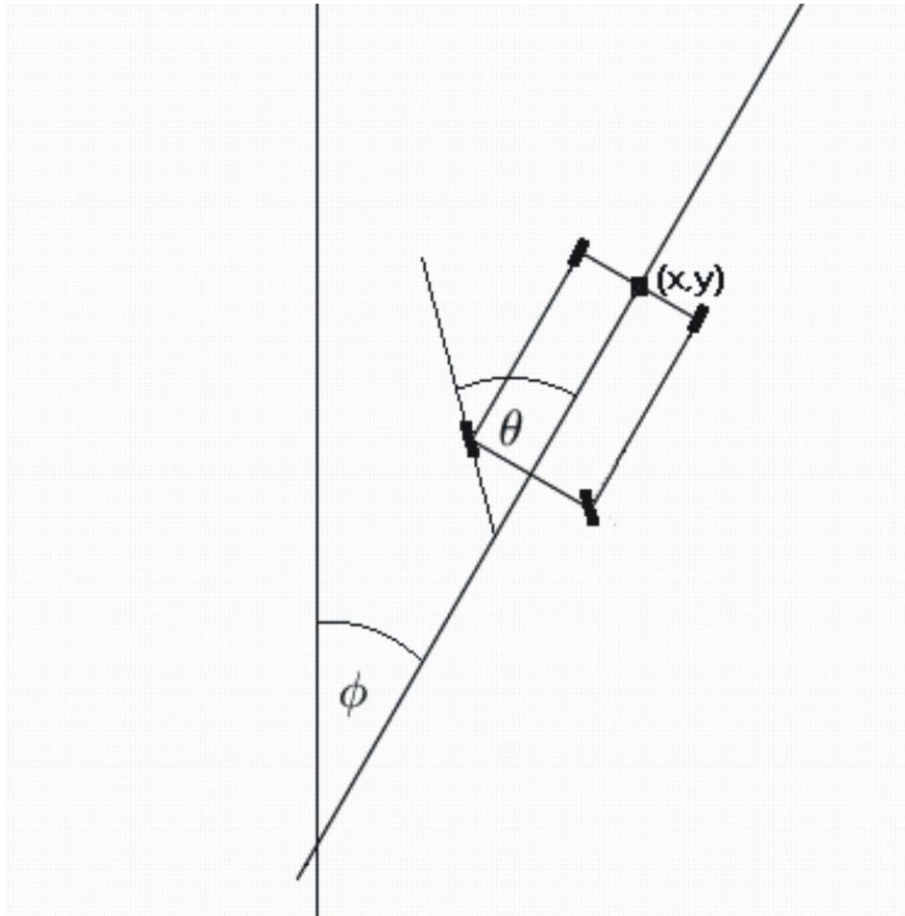


Parking method



$$x(t+1) = x(t) + \sin[\theta(t) + \Phi(t)] - \sin[\theta(t)] \cos[\Phi(t)]$$

$$y(t+1) = y(t) + \cos[\theta(t) + \Phi(t)] - \sin[\theta(t)] \sin[\Phi(t)]$$

$$\Phi(t+1) = \Phi(t) - \arcsin\left[\frac{2 \sin \theta(t)}{b}\right]$$