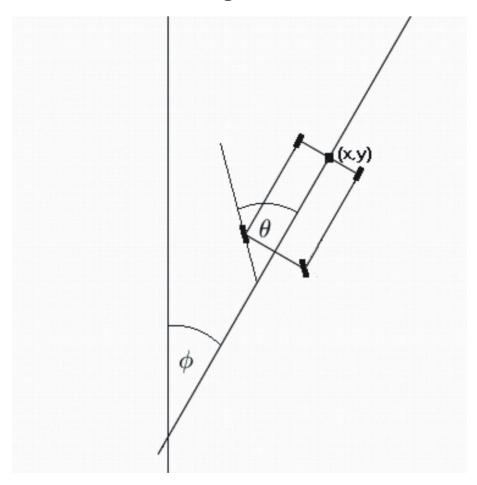
Parking method



$$\begin{split} x(t+1) &= x(t) + \sin\left[\theta(t) + \Phi(t)\right] - \sin\left[\theta(t)\right] \cos\left[\Phi(t)\right] \\ y(t+1) &= y(t) + \cos\left[\theta(t) + \Phi(t)\right] - \sin\left[\theta(t)\right] \sin\left[\Phi(t)\right] \\ \Phi(t+1) &= \Phi(t) - \arcsin\left[\frac{2\sin\theta(t)}{b}\right] \end{split}$$