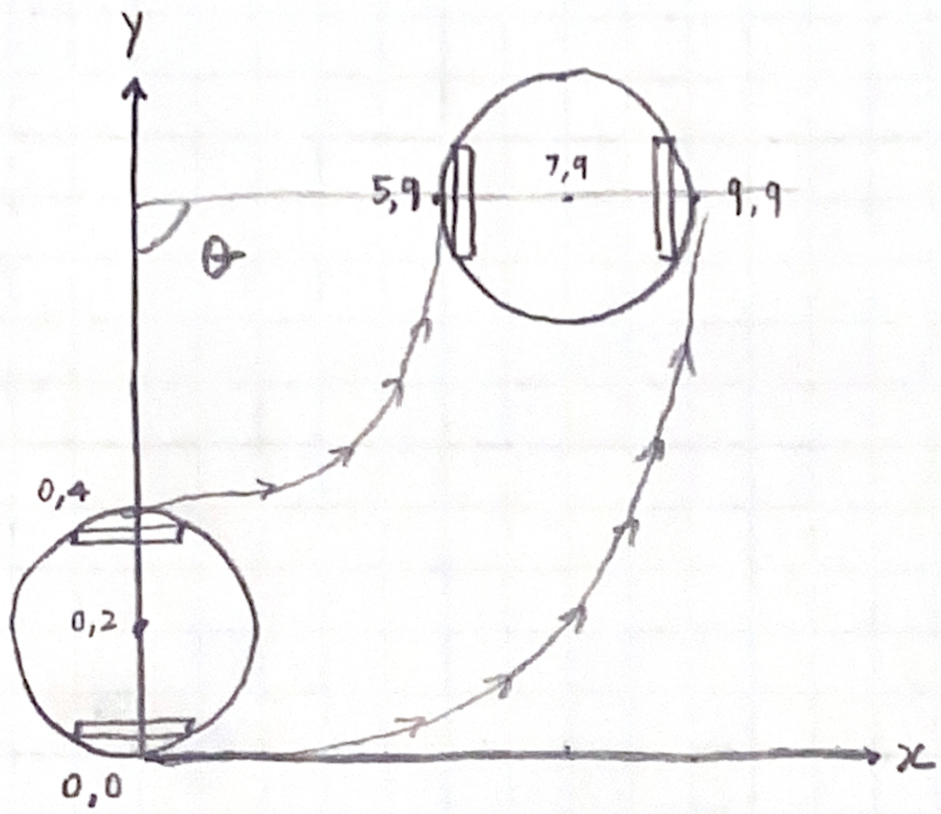

Distance of RW :

$d_R = \frac{2\pi}{4} \cdot 9 = 14.137$

Distance of LW :

$d_L = \frac{2\pi}{4} \cdot 5 = 7.854$

Distance of center :

$d_C = \frac{2\pi}{4} \cdot 7 = 10.995$

Geometric Equations:

$d_R = (r+b)\theta$

$d_L = r\theta$

$d_C = 0.5(d_R + d_L)$

$\theta = \frac{d_R - d_L}{b}$

θ = heading change

$\Delta x = r \sin\theta$

$\Delta y = r(1-\cos\theta)$