dx = 1 m and dy = -1 for m

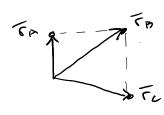
at time, t, link 1 (OA) is rotating at 10 rad/s. The positions of the pins are as follows

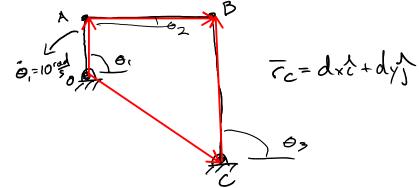
 $r_0 = 0\hat{i} + 0\hat{j}$ [m]

$$r_A=0\hat{i}+0.25\hat{j}$$
 [m]

$$r_B = 0.968 \hat{i} + 0.499 \hat{j}$$
 [m]

$$r_C = 1\hat{i} - 0.5\hat{j}$$
 [m]





$$9in\theta_{1} = \frac{0.27}{0.25} cos\theta_{1} = \frac{0}{0.25}$$
 $4in\theta_{2} = \frac{0.5 - 0.27}{1} cos\theta_{2} = \frac{0.963}{1}$
 $5in\theta_{3} = \frac{1}{1} cos\theta_{3} = \frac{0.963}{1} \times 1_{1} cos\theta_{1} + l_{2} cos\theta_{2} = l_{x} + l_{3} cos\theta_{3}$
 $5in\theta_{3} = \frac{1}{1} cos\theta_{3} = \frac{0.963}{1} \times 1_{1} cos\theta_{1} + l_{2} sin\theta_{2} = l_{x} + l_{3} cos\theta_{3}$
 $5in\theta_{3} = \frac{1}{1} cos\theta_{3} = \frac{0.963}{1} \times 1_{1} cos\theta_{1} + l_{2} sin\theta_{2} = l_{x} + l_{3} cos\theta_{3}$
 $5in\theta_{3} = \frac{1}{1} cos\theta_{3} = \frac{0.963}{1} \times 1_{1} cos\theta_{1} + l_{2} sin\theta_{2} = l_{x} + l_{3} cos\theta_{3}$
 $6in\theta_{1} + l_{2} sin\theta_{2} = l_{x} + l_{3} cos\theta_{3}$
 $6in\theta_{1} + l_{3} sin\theta_{2} = l_{x} + l_{3} cos\theta_{3}$
 $6in\theta_{1} + l_{3} sin\theta_{2} = l_{x} + l_{3} cos\theta_{3}$
 $6in\theta_{1} + l_{3} sin\theta_{2} = l_{x} + l_{3} cos\theta_{3}$
 $6in\theta_{2} + l_{3} sin\theta_{3} = l_{x} + l_{3} cos\theta_{3}$
 $6in\theta_{3} + l_{3} sin\theta_{2} = l_{x} + l_{3} cos\theta_{3}$
 $6in\theta_{3} + l_{3} sin\theta_{2} = l_{x} + l_{3} cos\theta_{3}$
 $6in\theta_{3} + l_{3} sin\theta_{3} = l_{x} + l_{3} cos\theta_{3}$
 $6in\theta_{3} + l_{3} sin\theta_{3} = l_{x} + l_{3} cos\theta_{3}$
 $6in\theta_{3} + l_{3} sin\theta_{3} = l_{x} + l_{3} cos\theta_{3}$
 $6in\theta_{3} + l_{3} sin\theta_{3} = l_{x} + l_{3} cos\theta_{3}$
 $6in\theta_{3} + l_{3} sin\theta_{3} = l_{x} + l_{3} cos\theta_{3}$
 $6in\theta_{3} + l_{3} sin\theta_{3} = l_{x} + l_{3} cos\theta_{3}$
 $6in\theta_{3} + l_{3} sin\theta_{3} = l_{x} + l_{3} cos\theta_{3}$
 $6in\theta_{3} + l_{3} sin\theta_{3} = l_{x} + l_{3} cos\theta_{3}$
 $6in\theta_{3} + l_{3} sin\theta_{3} = l_{x} + l_{3} cos\theta_{3}$
 $6in\theta_{3} + l_{3} sin\theta_{3} = l_{x} + l_{3} cos\theta_{3}$
 $6in\theta_{3} + l_{3} sin\theta_{3} = l_{3} cos\theta_{3}$
 $6in\theta_{3} + l_{3} sin\theta_{3} = l_{3} cos\theta_{3} = l_{3} cos\theta_{3}$
 $6in\theta_{3} + l_{3} sin\theta_{3} = l_{3} cos\theta_{3} = l_{3} cos\theta_{3}$
 $6in\theta_{3} + l_{3} sin\theta_{3} = l_{3} cos\theta_{3} = l_{3} cos\theta_{3}$

