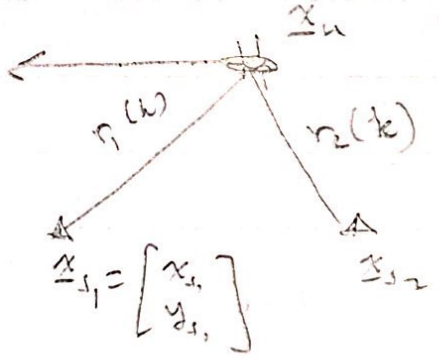
$$\underline{z} = \begin{bmatrix} r_1(0) \\ r_2(0) \\ \hline r_1(1) \\ r_2(1) \\ \hline \vdots \end{bmatrix}$$

$x(0), y(0)$?

$$\underline{x}_u = \begin{bmatrix} x_u \\ y_u \end{bmatrix}$$



① $\underline{x}(k+1) = \underline{f}[\underline{x}(k)] + \underline{w}(k)$

$w(k)$ → ⓘ $\underline{0}$
ⓘⓘ $\sim W(\underline{0}, Q)$

② $\underline{z}(k) = \begin{bmatrix} r_1(k) \\ r_2(k) \end{bmatrix} = \begin{bmatrix} \sqrt{(x_u - x_{s_1})^2 + (y_u - y_{s_1})^2} \\ \hline \end{bmatrix} + \underline{v}$

$v \sim W(\underline{0}, R)$

Q: Plot $\hat{\underline{x}}(k|k)$ for ⓘ & ⓘⓘ & diff $\hat{\underline{x}}(0|0)$
$P(0|0)$
