

Remarle 1:
If we know past inputs un and the system
$\times_{u+1} = \sum (\times_u, \cup_u, \omega_u)$
then define
$f(x_0, \omega_0) := f(x_0, \omega_0, \omega_0)$
$\int u (\times u, \omega_{\alpha}) = \int (\times u, \omega_{\alpha}, \omega_{\alpha})$
Remark 2:
If we doubt that us is implemented as we have sent
it, we introduce who as errors of un.
$\widehat{\zeta}_{\alpha}(\times_{\alpha},\omega_{\alpha}) = \widehat{\zeta}(\times_{\alpha},\omega_{\alpha}+\omega_{\alpha},\omega_{\alpha})$
Twa 7
$\omega_{\alpha} = \left[ \omega_{k}^{(\alpha)} \right]$
Remark 3:
If there are unknown but constant (in time) parameters p
and
$\times_{u+x} = \mathcal{L}_{u}(\times_{u}, P, \omega_{u})$
We can define
TX.7 N
$\times_{\kappa+1} = \mathcal{L}_{\kappa} \left( \times_{\kappa}, \mathcal{P}_{\mu}, \omega_{\alpha} \right)$ , $\mathcal{D}_{\kappa+1} = \mathcal{P}_{\alpha}$
Remark 4:
Note: (xo, wo, w) defermine (x,,,, x) uniquely.
11.2. Trajectory estimation problem
Given you. You
What is most likely trajectory?
×0,, ×N, W0,, W15-4?





