KALMON FILTER NOTES PROJECT 3

11/20/2019

GENEVAL LOLMAN FICIER EQS

model y(k1) = fy(k) + fu(k) y(k) = h y(k) + n(k)

So we on think of w(h), Accoleration input changing position. It has zono morn

· WE Are MEASURING STATISTICS OF N(B) FROM UTIASONIC FRANS LUCEN SO WE CARW JAZ

· WE NEED JUZ

Spy 3" (which would Also be Initial Condition)

· IF W(2) IS APPLIED WE EXPECT IT to MUSE

· BACK OUT FOR A METRON OF 4"

= S W (K) = = = = = = = = = = =

Lat T=1 'w(R) = 2

Pog 108 3

X FICTIONS

A (Ru(Ru) = A(RUR) + X [Z(Ru) - A(RUR)]

- You CIN medity Numbers It NECESTRY

- NOMINAC LUCATION OF SONSON SAY 8"

 $\Delta = T^2 \frac{\sqrt{w}}{\sqrt{N}} \qquad \Delta^2 = \frac{4\alpha^2}{1-\alpha}$ $\Delta = -\Lambda^2 + \sqrt{\Lambda^4 + 16\Lambda^2}$

Sir = X SN 2

ON ESTIMATE A (B+(/R+1)

Pg 2 ul 3

Usind Ecuer

STATIC LECATION

· Pick Nominil Wartion Say 10"

this Ic for Filton

oples senson at 10±4" Use 104 for sher

· RUN KE SMY 100 UPLOSES IC 000

« PLUT ALRIR) US UP ATE Ω = 0 ≥100 PLUT + 3 L LINGS, discuss Noulti CONPIRE TO JUST AIGNOUS READING FROM SENSON

· RCdo WITR placement at 10-2 = 93 "

. See who is different

ONE POSITION IS FINE USE SOME THING IN burd

DYNAMIC LOCATION (differing About NomiNPL)

FOR SOME NOMINAL UDICUG MUJE SONSON to tof) GET A SING & REPAINS from Untresonic

1) Time [Report for SAY - 4) tol, - 8 Som other UP (NOS)
You don't NOON to pecupation meason

· RUN KER LEILTEN EN 1 SOOF · PLE results

P9343