Wx~N(0,0.1) UrtUl=U Wy~N(0,0.15) T=1/8 Im -> at 0.1mb -> 10s Update every & second Measure every second Steps: 1 Initialize: Xo= 0 R= 0 0 · For Pk: Pk=Ak-IPk-IATK-I+QK = Pk-1+QK, QK= Wx O O Wy · Repeat 8 times 3 Correction  $r_{x} \sim N(0,0.05)$   $r_{y} \sim N(0,0.075)$ RK= Rx O · Pk=(1+KkC)Pk · Xk=XK+KK(ZK-CXK) (A) Alternate between 283