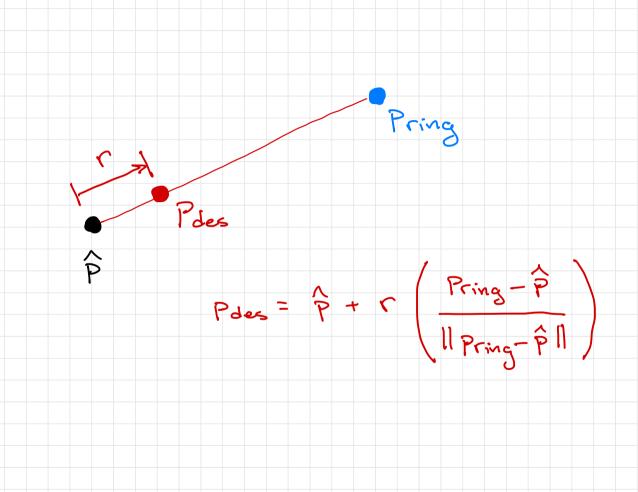
Day 31 Planning

AE353 Spring ZOZZ Bret1 TRACKING x = Ax+Bu m = f(m,n) u = udes - K (x-xdes) 2 = A2+Bu-L(C2-y) y = Cx 0 = q(m,n) Xdes = me - me x= m-me udes = Te - ne u=n-ne y=0-g(me,ne) $A = \overline{A}$ How To CHOOSE Xdes AND Udes? B=B C= C



$$\dot{m}(t) = S(m(t), n(t))$$
 $\dot{m}_{e}(t) = f(m_{e}(t), n_{e}(t))$
 $\dot{x}(t) = A(t) \times (t) + B(t) \cdot u(t)$
 $\times (t) = m(t) - m_{e}(t)$
 $u(t) = n(t) - n_{e}(t)$