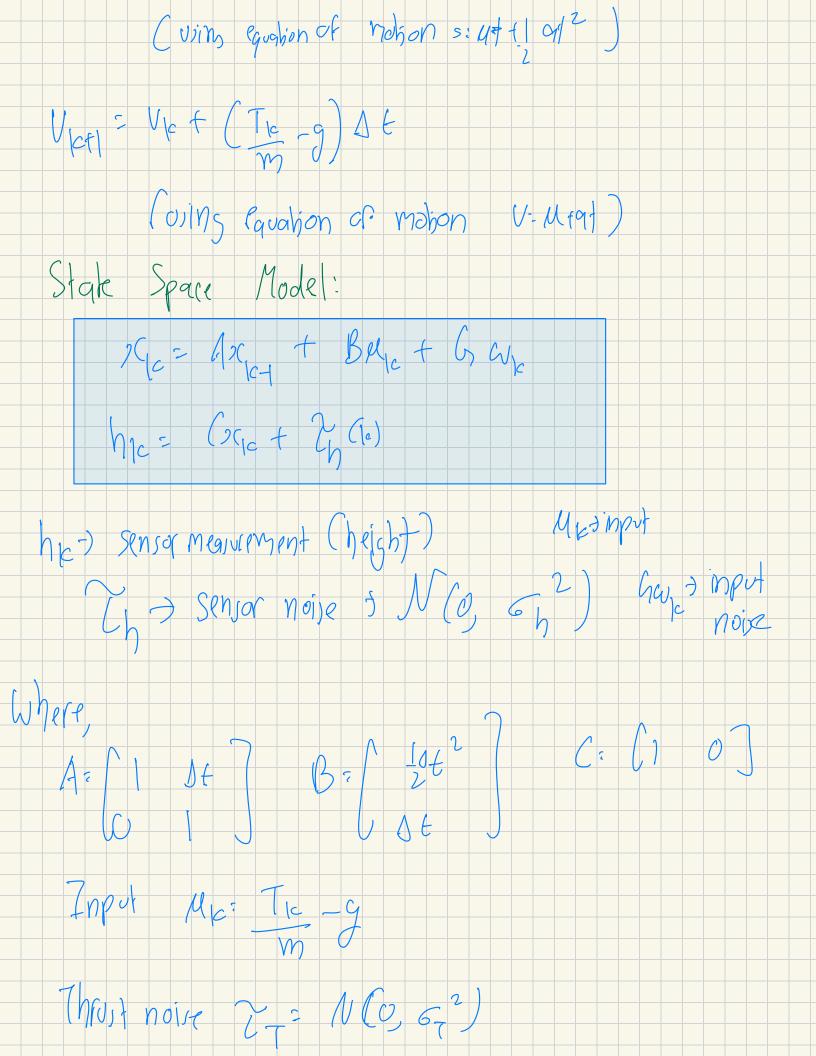
Sugareel Bhatt Horneworle 3 cdb 2183) Mass sampling rate. DE freahn, m as point mass, upwards as the 2 2(f)- 1 (T(e) + 7(f))-g Where T(1) 1) thrust wice 2 (f) is thrust imput noise Stak vector x(+) = 2(+) = height + Vest 1 (Te-g)



inprinoise we. NCO, Ea) Where Euc (67) The input rouginge Marky can be computed as Q-BEuBi 5 0.5t2 (67) (0.5t2 1E) $\frac{2}{5} \left(\frac{3}{7} \right) \frac{2}{5} \left(\frac{3}{5} \right) \frac{3}{5} \left(\frac{3}{5} \right$ The Jenson director megane, allibrate, so sensor noise Sz. 6n2 as the state vector is 2x1, the state ovorigine COV (xx)- TE (Cx(c-Mx) (x(c-Mx)) should hence, dimension of A-le Covaliance