3 Model : LIP

· single stance

$$\frac{3}{x} = \frac{2}{z_c} \times + \frac{1}{mz_c}$$

$$= \frac{1}{x} = \frac{$$

· double stance

$$\dot{x} = \frac{3}{2c} x + \frac{1}{mzc} (u_1 + u_2).$$

Trajectory.

Assume the trajectory in single stance is a cubic. x(t) = a3t3 + a2t2 + a1t + a.

3 Koopman eg

Recall: 
$$\hat{x} = \underset{x}{\operatorname{arg min}} \|Ax - b\|_{z}$$
  
 $\hat{x} = \underset{x}{\operatorname{Atb}}$