Marco Morales Left Wheel D= padt radius. radius Right wheel U= [U] = - [-0 1 0] V L= + (-D0+ Vx) R= L(Di + Vx)

Left wheel Inverse kinematics 中してが = 一日の - (& - VX) = 6 $\dot{\phi}_{R} = \frac{P}{r} \left(-\frac{r}{D} \left(\dot{\phi}_{L} - \frac{V \times}{r} \right) \right) + \frac{V \times}{r}$ $\hat{\phi}_{R} = \left(\frac{r}{\sqrt{r}} - \hat{\phi}_{r} \right) + \frac{r}{r}$ PR = 2VX - PL * Vx in terms - (or + or) = VX => twist. x_dot $\ddot{G} = -\frac{r}{5} \left(\dot{\phi} L - \left(\frac{\dot{\phi} R + \dot{\phi} L}{2} \right) \right)$ 0= = (pe - pc) twist. thetadot /