Robot Equations. 2 angulax rate grand W-> Wheelborge Took relocities: > in world co-ordinates Vx = 0 $V_{\mathcal{R}} = -\frac{V_{\mathcal{S}} + V_{\mathcal{L}}}{2} \sin(\mathcal{V})$ Ny = 2x + Ve $V_y = \frac{V_x + V_t}{2} \cos(\psi)$ y = 08 - 05 $\hat{V} = \frac{V_8 - V_c}{W}$ We consider that relocities don't change inestantenously. $v_8 = u_1$, $v_1 = u_2$ $\chi((k+1)T) = \chi(kT) - T_{\chi}(v_{\chi}(kT) + v_{\iota}(kT)) \times \sin(\psi(kT))$ $y((k+1)T) = y(kT) + T \times (v_8(kT) + v_1(kT)) \times cos(\psi(kT))$ $\Psi((k+1)T) = \Psi(kT) + T \times (v_8(kT) - v_1(kT))$ $V_8((k+1)T) = V_8(kT) + Tu,(kT)$ K=1,2,3,.... T = Time $V_{l}((k+1)T) = V_{l}(kT) + Tu_{2}(kT)$