(202) Van der Rd car.

$$\begin{pmatrix} \dot{x} \\ \dot{y} \\ \dot{\theta} \\ \dot{v} \\ \dot{\delta} \end{pmatrix} = \begin{pmatrix} v \cdot \cos\delta \cos\theta \\ v \cos\delta \sin\theta \\ \frac{v \sin\delta}{3} \\ u_1 \\ u_2 \end{pmatrix}$$

$$\begin{pmatrix} \dot{x} \\ \dot{y} \\ \dot{\theta} \end{pmatrix} = \begin{pmatrix} \bar{u}_1 \cdot \cos\theta \\ \bar{u}_1 \cdot \sin\theta \\ \bar{u}_2 \end{pmatrix}$$

on prend $\bar{u}_1 = v \cdot \cos\delta$

$$\bar{u}_2 = \frac{v \sin\delta}{3}$$

$$u = f(x, \bar{u})$$

$$u = K \cdot \left(\bar{u} - \begin{pmatrix} v\cos\delta \\ \frac{v\sin\delta}{3} \end{pmatrix} \right)$$

↑ gain

(3)