

drift

$$\frac{d}{dt}\vec{x} = \vec{h}(\vec{x})$$

speed up
$$\frac{d}{dt}\vec{x} = \frac{d}{dt}$$

$$\left| \begin{array}{c} \alpha \\ \vec{r} \end{array} \right| = \vec{f}(\vec{x})$$

turn

$$\frac{d}{dt}\vec{x} = \vec{g}(\vec{x})$$