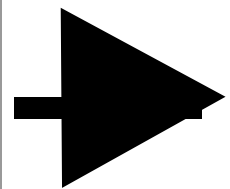


Car out of bound

$$n_{\text{sim}} > 0.12$$

$$n_{\text{sim}} < -0.12$$

reset



- Find nearest s_{exp}
- s_{exp} is the experimental s_{value} closest to where the car goes out of bound
- Save the time stamp t_s

Overwrite the states at corresponding t_s

$$s_{\text{sim}} = s_{\text{exp}}$$

$$n_{\text{sim}} = n_{\text{exp}}$$

$$\alpha_{\text{sim}} = \alpha_{\text{exp}}$$

$$v_{\text{sim}} = v_{\text{exp}}$$

$$\delta_{\text{sim}} = \delta_{\text{exp}}$$

$$D_{\text{sim}} = D_{\text{exp}}$$

t_s

Overwrite the controls at corresponding t_s

$$\Delta\delta_{\text{sim}} = \Delta\delta_{\text{exp}}$$

$$\Delta D_{\text{sim}} = \Delta D_{\text{exp}}$$