

$$\begin{aligned} & \mathbf{x}_{\tau} = \begin{bmatrix} \mathbf{p}, \mathbf{v}, \mathbf{A}, \mathbf{b}_{n}, \mathbf{b}_{n}, \mathbf{0} \end{bmatrix} \\ & \mathbf{q}_{t} = \mathbf{v}_{t} \\ & \mathbf{e}_{t} + \mathbf{q}_{\tau} + \mathbf{e}_{t} + \mathbf{e}_{t} + \mathbf{q}_{\tau} + \mathbf{e}_{t} \end{bmatrix} \\ & \mathbf{q}_{t}^{*} = \mathbf{R}_{\tau} + (\mathbf{i} \mathbf{v} - \mathbf{b}_{\mathbf{q}_{\tau}} - \mathbf{q}_{\mathbf{p}_{\tau}})^{A} \\ & \mathbf{b}_{\mathbf{q}_{\tau}}^{*} = \mathbf{q}_{\mathbf{b}_{\tau}} \\ & \mathbf{b}_{\mathbf{p}_{\tau}} = \mathbf{q}_{\mathbf{b}_{\tau}} \\ & \mathbf{e}_{t} = \mathbf{e}_{\mathbf{p}_{\tau}} + \mathbf{e}_{\mathbf{b}_{\tau}} \\ & \mathbf{e}_{t} = \mathbf{e}_{\mathbf{p}_{\tau}} + \mathbf{e}_{\mathbf{b}_{\tau}} \\ & \mathbf{e}_{t} = \mathbf{e}_{\mathbf{p}_{\tau}} + \mathbf{e}_{\mathbf{b}_{\tau}} \\ & \mathbf{e}_{t} = \mathbf{e}_{\mathbf{b}_{\tau}} + \mathbf{e}_{\mathbf{b}_{\tau}} \\ & \mathbf{e}_{\mathbf{b}_{\tau}} = \mathbf{e}_{\mathbf{e}_{\tau}} + \mathbf{e}_{\mathbf{b}_{\tau}} \\ & \mathbf{e}_{\mathbf{b}_{\tau}} = \mathbf{e}_{\mathbf{b}_{\tau}}$$

Sig = 19 Sig = 19 Sig = 10