

Control Action: $u = k z_6$

$$q^+ = \begin{bmatrix} \mathbf{z}_1 & \mathbf{z}_2 & \mathbf{z}_3 & \mathbf{z}_4 & \mathbf{z}_5 & \mathbf{z}_6 \end{bmatrix}^T$$

$$q^- = \begin{bmatrix} 0 & 1 & 0 & 0 & 0 & 0 \end{bmatrix}^T$$

$$q^0 = \begin{bmatrix} 0 & 0 & 1 & 0 & 2 & 2 \end{bmatrix}^T$$

