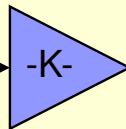


Observador de estado

$T_m^{*'}(t)$

1



$w_{e_dot}(t)$



$w_e(t)$



$\theta_{e_dot}(t)$

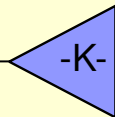


$\theta_e(t)$

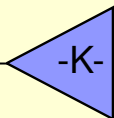
1
 $\theta_{est}(t)$

2
 $w_{est}(t)$

K_{e_omega}



K_{e_theta}



2
 $\theta_{medido}(t)$