n

$\dot{p}$

ψ

τ

$\hat{p}_d$

$\varphi(p^*) = e > 0$

$-k_e e n$

$\mathcal{C}_r := \varphi(p) = 0$

$\varphi(p) < 0$

p^*

$\theta(p^*)$

$\mathcal{O}_N$