

1)
$$\rho = \rho + (\Delta \rho)(\text{sign_equilibrium})$$

2) $\alpha_{\text{flexor}} = -\rho(\gamma/4) + c(\pi/2)$, $\gamma = \text{servo_range}$
 $\alpha_{\text{extensor}} = \rho(\gamma/4) + c(\pi/2)$