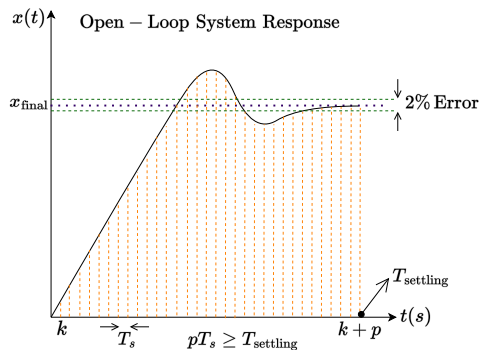
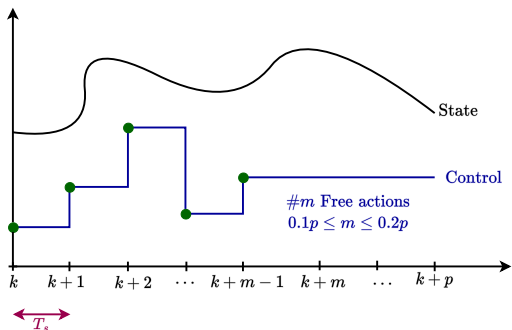


(a) Control Sampling Time ( $T_s$ ): Choose  $T_s$  such that 10 to 20 samples fit within the system rise time ( $T_r$ )



(b) Prediction Horizon ( $p$ ): Choose the number of prediction samples such that the prediction horizon extends beyond the system settling time ( $T_{\text{settling}}$ )



(c) Control Horizon ( $m$ ): Choose the control horizon to be between 20% and 30% of the prediction horizon ( $p$ )