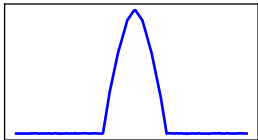
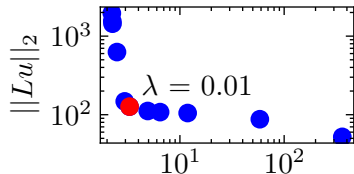


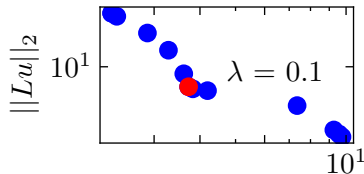
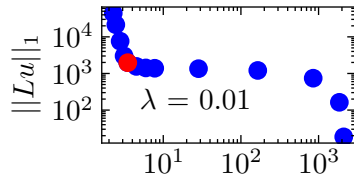
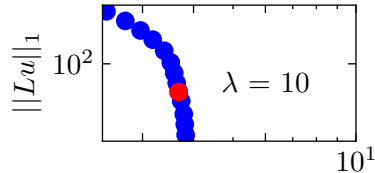
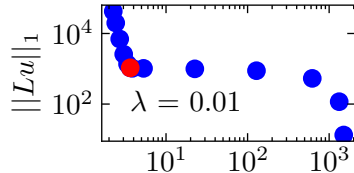
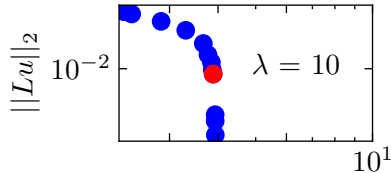
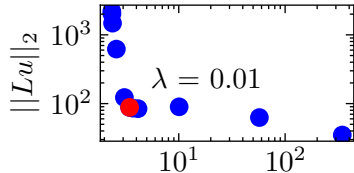
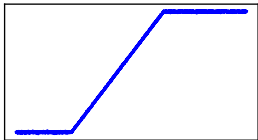
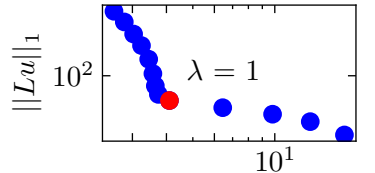
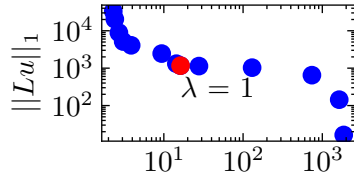
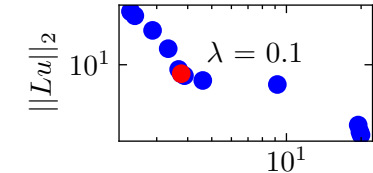
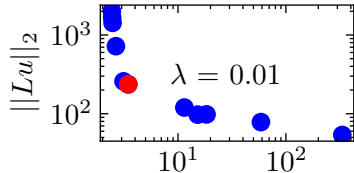
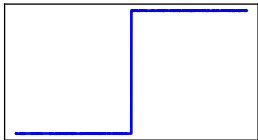
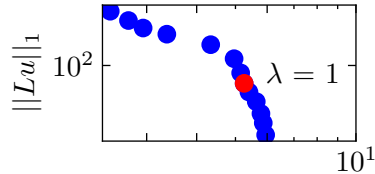
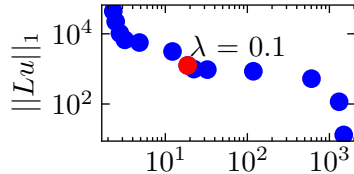
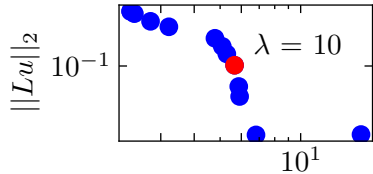
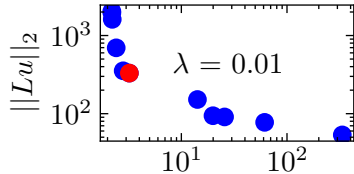
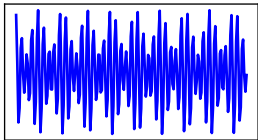
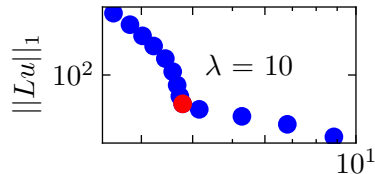
Unit excitation



Tikhonov regularization



H-P trend filter

 $\ell_1$ -regularization $\ell_1$  trend filter $\|y - \Gamma u\|_2$  $\|y - \Gamma u\|_2$  $\|y - \Gamma u\|_2$  $\|y - \Gamma u\|_2$