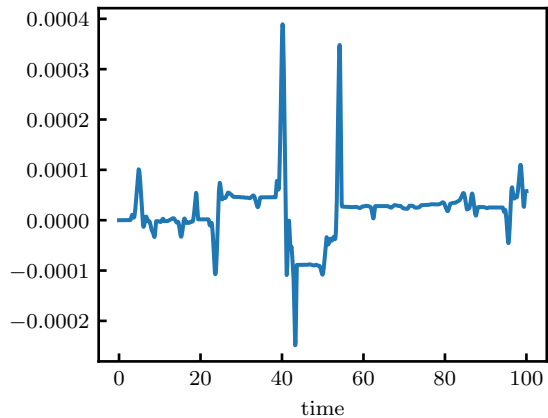
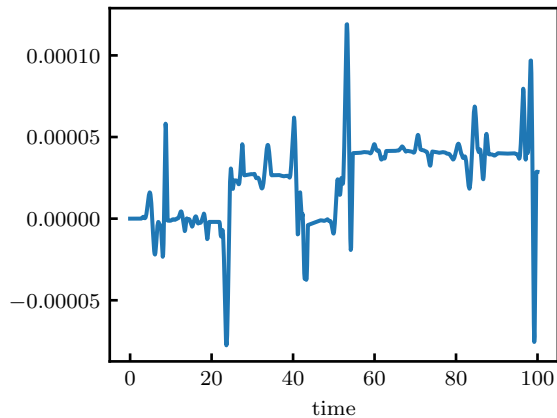
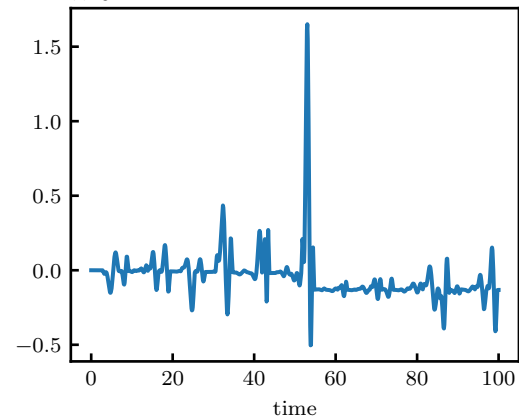
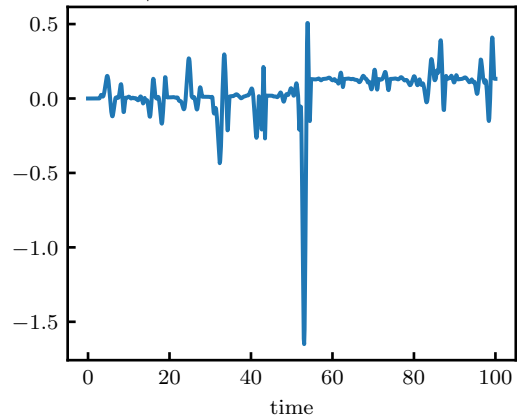


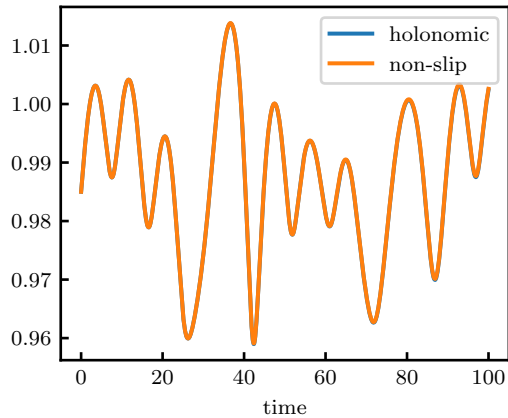
qnq* component 1



qnq* component 2

 $\times 10^{-5} - 1$ qnq* component 3 $\times 10^{-5} + 1$ Q norm

z position



xy trajectory

