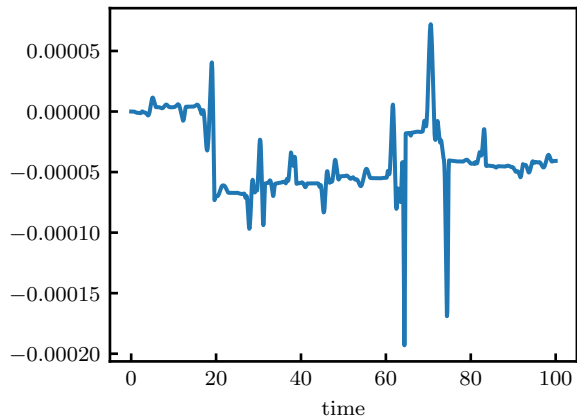
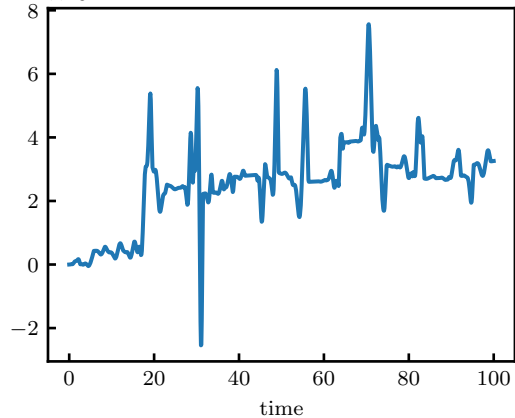
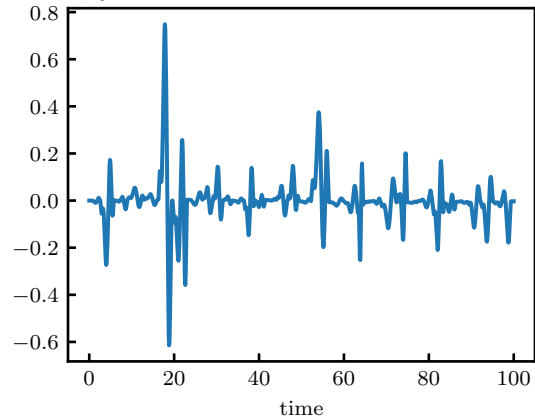
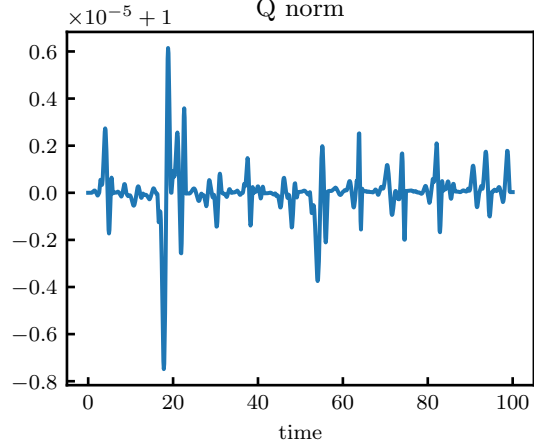


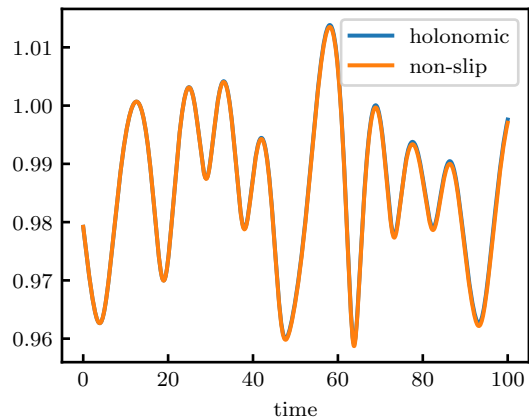
qnq* component 1

 $\times 10^{-5}$ qnq* component 2 $\times 10^{-5} - 1$ qnq* component 3

Q norm



z position



xy trajectory

