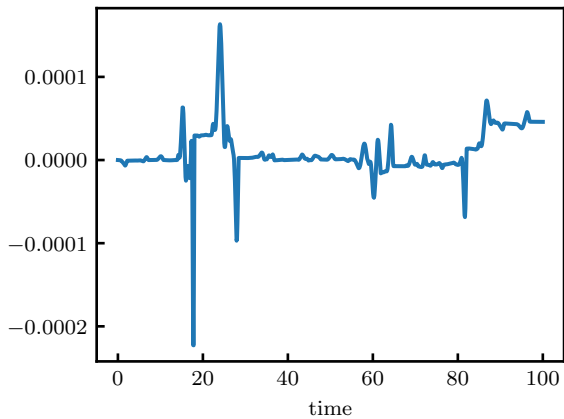
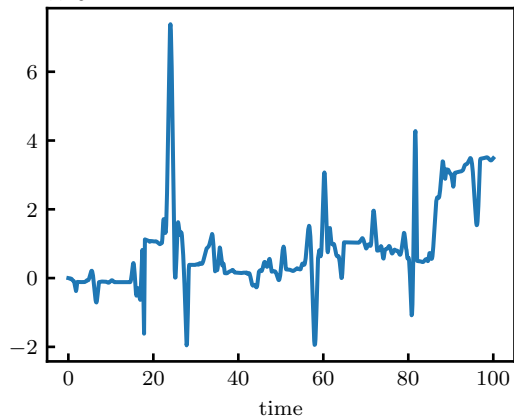
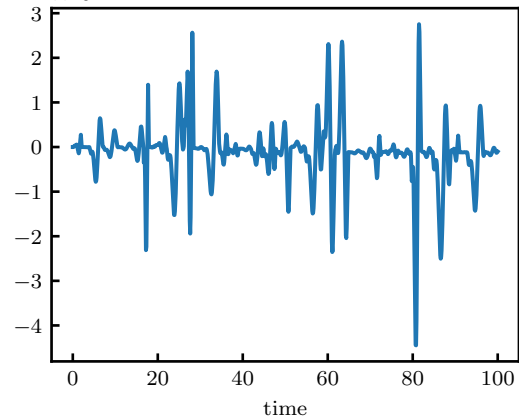
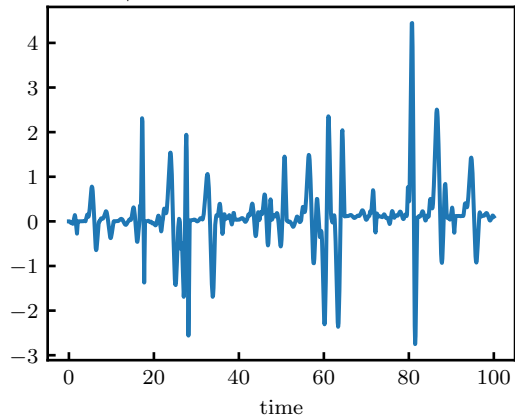
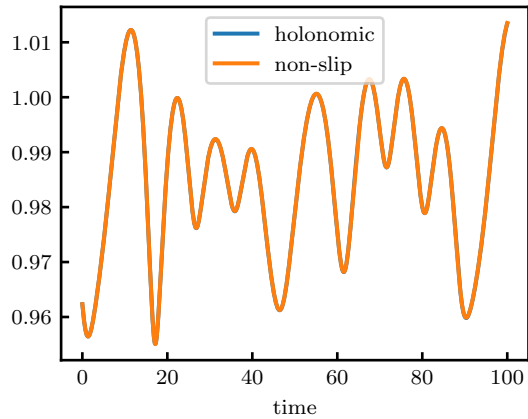


qnq\* component 1

 $\times 10^{-5}$  qnq\* component 2 $\times 10^{-6} - 1$  qnq\* component 3 $\times 10^{-6} + 1$  Q norm

z position



xy trajectory

