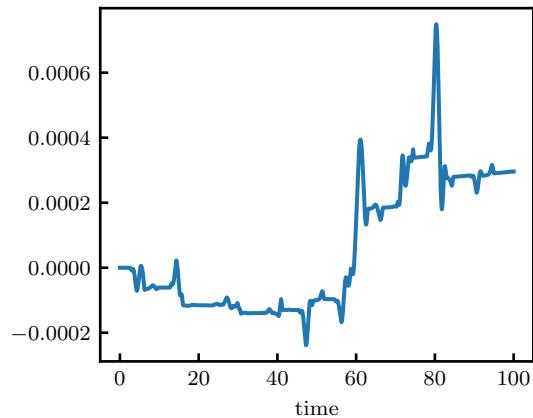
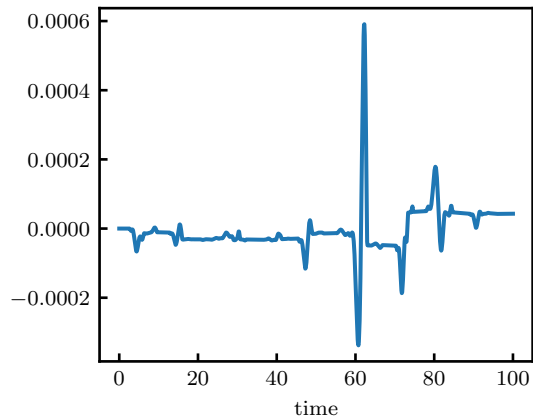


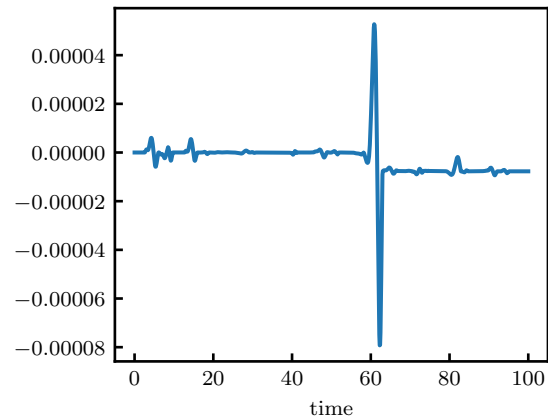
qnq\* component 1



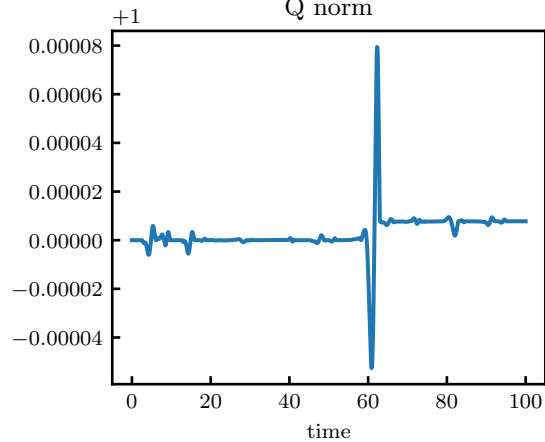
qnq\* component 2



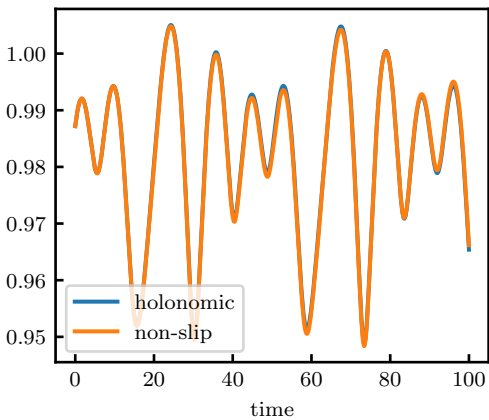
qnq\* component 3



Q norm



z position



xy trajectory

