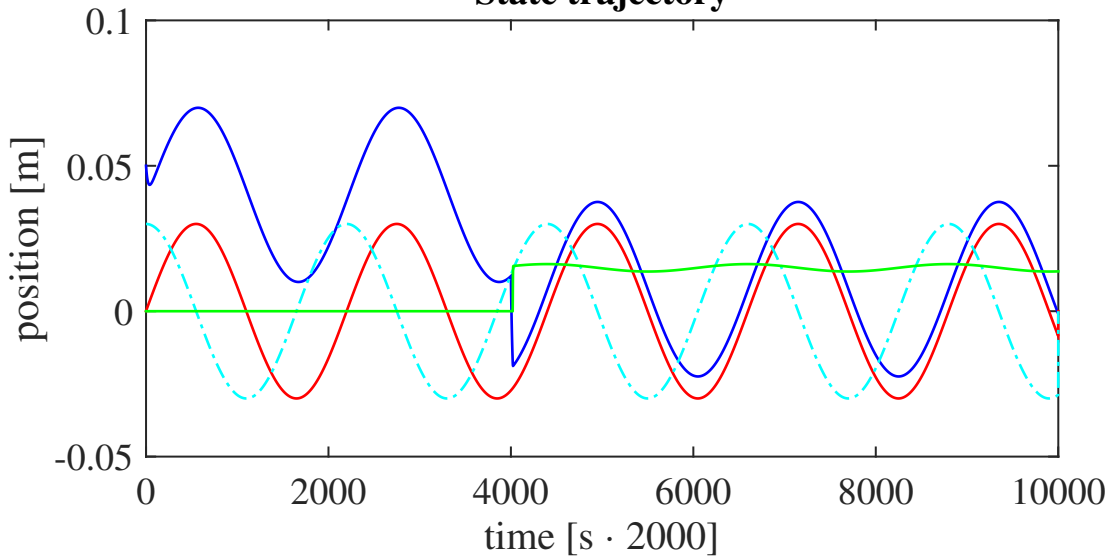


**State trajectory**



**Distance Between Hearth and Robot End Effector**

