

Mobile Manipulate Capstone: “newTask” README

Controller type: Feedforward plus PI

The feedback gains:

$K_p = 7.2$

$K_i = 1$

Box initial and final configurations:

```
Tsc_0 = np.array([[1,0,0,1.5],  
                  [0,1,0,0.5],  
                  [0,0,1,0.025],  
                  [0,0,0,1]])
```

```
Tsc_f = np.array([[0,1,0,0.25],  
                  [-1,0,0,-1.25],  
                  [0,0,1,0.025],  
                  [0,0,0,1]])
```