## Configuration:

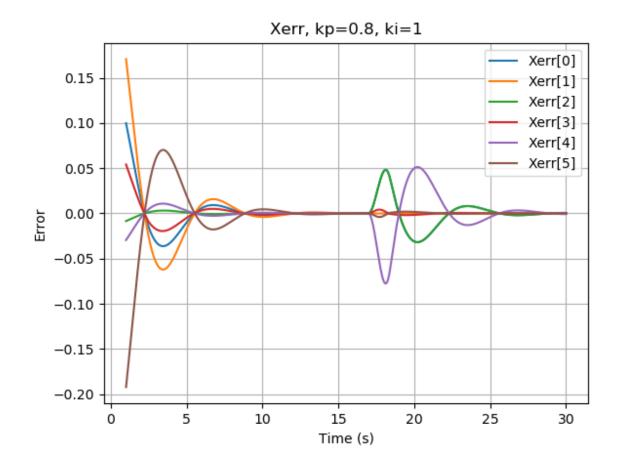
The actual initial configuration of the end-effector

```
initial_config = np.array(
[0.1, -0.2, 0, 0, 0, 0.2, -1.6, 0, 0, 0, 0, 0, 0])
```

The initial configuration of the end-effector in the reference trajectory:

The cube's initial configuration:

The cube's desired final configuration:



## Controller Type Feedforward-Plus-PI controller

KP =0.8 Ki =1

From the plot we can observe that there is an overshoot at the beginning of the motion and when there is a bump in between .The plot converges with no steady-state error