

Controller and results for newTask

Cube configurations

```
Xsc_initial = [1, 0, 0, 2; 0, 1, 0, 0; 0, 0, 1, 0; 0, 0, 0, 1]; % newTask  
Xsc_fianl = [0, 1, 0, 0; -1, 0, 0, -2; 0, 0, 1, 0; 0, 0, 0, 1]; % newTask
```

Controller type: feedforward-plus-P

```
Kp = 3*eye(6,6); % test, best  
Ki = 0*eye(6,6); % test, best
```

Friendly reminder

Please make sure the variables `a = 4`, `Num_Configurations = 4000` are set at exact number, thank you.

Results

