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

