

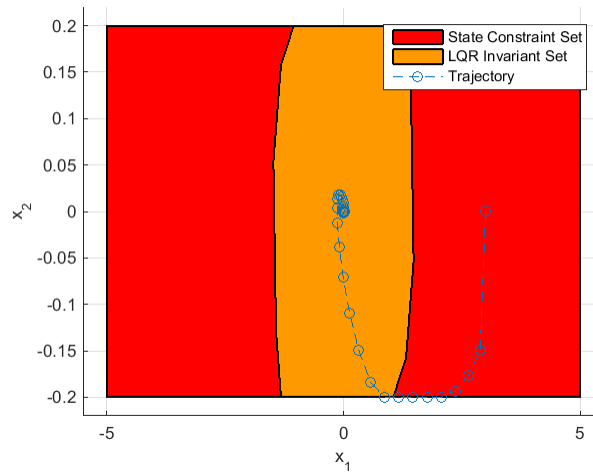
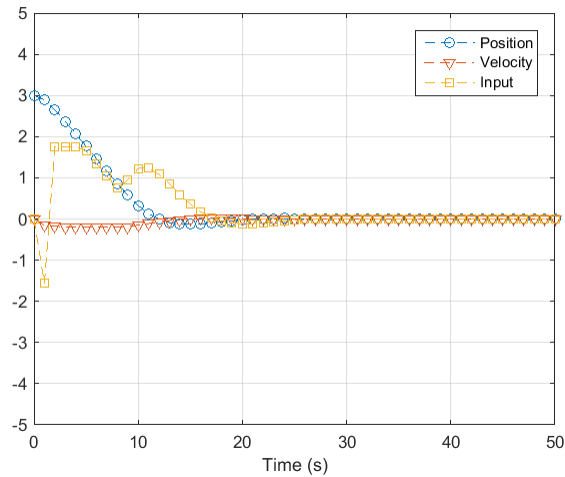
## MPC Ex4: Implement Linear MPC

Yuejiang LIU 222130

April 2015

## Part 1 – Quadprog

The MPC controller is implemented in ex4\_Yuejiang.m file from line 146 to 193. The simulation result is as below.



## Part 2 - YALMIP

The MPC controlled designed based on YALMIP is in my MATLAB script from line 79 to 105. The result is exactly the same as in the first part.