|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| No | Controller Tuning Criterion | Steady-state error | Overshoot | Settling Time | Control signal variation |
| 1 | C-H-R 1 - P | 0 | 43.7 | 119 | 0.32 |
| 2 | C-H-R 1 -PI | 0 | 115 | 491 | 0,96 |
| 3 | C-H-R 1 -PID | 0 | 113.42 | 529 | 720 |
| 4 | C-H-R 2 -P | 0 | 43,7 | 119 | 0,36 |
| 5 | C-H-R 2 -PI | 0 | 96 | 215 | 0,83 |
| 6 | C-H-R 2 -PID | 0 | 115.81 | 196 | 1000 |
|  |  |  |  |  |  |

# Lab3

## Exercise 1

## Exercise 2