|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Kp | Ki | Kd | Rise time | Overshoot | Setting time |
| 1 | 1 | 1 | 3.07 | 15.3 | 14.7 |
| 1 | 1 | 3 | 4.13 | 12.8 | 18.9 |
| 1 | 1 | 0.7 | 3.26 | 9.9 | 10.5 |
| 1 | 1 | 0.6 | 2.74 | 7.3 | 9.25 |
| 1 | 1 | 0.9 | 1.14 | 10.6 | 9.55 |

**Analysis**