| au | LvL | K_p | K_i | K_d | Overall RMSE | Trans. RMSE | Steady State RMSE |
|-----|-----|-------|---------|-------|--------------|-------------|-------------------|
| 0 | 0 | 1.01 | 0.00025 | 155 | 0.7590 | 1.3914 | 0.0397 |
| 0.2 | 0 | 0.7 | 0.00025 | 125 | 0.9113 | 1.6697 | 0.0759 |
| 0.5 | 0 | 0.4 | 0.00025 | 80 | 1.231 | 2.0751 | 0.18232 |
| 1.0 | 0 | 0.25 | 0.00015 | 55 | 1.3882 | 2.5766 | 0.32385 |
| 0 | 2 | 1.10 | 0.00025 | 155 | 0.77478 | 1.3926 | 0.20051 |
| 0 | 5 | 1.10 | 0.00025 | 155 | 0.83514 | 1.3894 | 0.47525 |
| 0 | 10 | 1.10 | 0.00025 | 155 | 1.1741 | 1.7198 | 0.93413 |