Unfortunately it was not possible to implement more modern controllers such as the LQ optimal regulator or controllers synthesized using the H∞ minimization. This lead to pure proportional controllers' design. The comparison between LQ and P regulator was carried out and evaluated. The LQR provides faster and smoother response but the difference is not dramatic. Then more advanced control algorithms can be implemented as well, such as already mentioned LQR and H∞ minimization or model predictive control (MPC) algorithm as a higher level control and planning platform. This algorithm can use the already developed inner loops as a low level control interface providing optimal control therefore lowering the power consumption and improving the performance.