Accomplished this week and current problems:

During the last week a lot of time has been spend on implementing code on the robot of the IT project, with good results.

The work with the main controller, which we started on last week, has continued. The regulator works well but the problem when both wheels are affected of force still remains.

Earlier, we have tried to get a working LQG controller to the robot, but due to memory limitations, this has not been possible. We have spoken to Alexander Åhman who is responsible for the hardware of the IT project about enhancement of the memory. Since his opinion is that it is not possible to do this enhancement, we have decided to focus our work on other things. We will however leave our work on the LQG controller well commented so that it simplifies the work for future project groups.

Last Friday, IT had a presentation for us where they let their robot drive around on their training area. Our motor control was implemented and worked well. The test drive was recorded on Romeos camera and will be shown on the presentation on May 27th.

Aware of that the last day of the course is getting closer for every day, we have also been working a lot with on our report and presentation. This work will continue next week also.

Actions points for next week:

- Implement code on the IT robot
- Finish the report
- Prepare for the presentation on next Wednesday.

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