

Weekly Meeting Report

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1 Meeting overview

In this meeting, the mathematical model was discussed. An impulse response-based approach was recommended by Admir in order to identify the model, but due to lack of accuracy, it was decided not to be used. The System Identification Toolbox from MATLAB is to be used instead.

The reading on the Kalman filter has been continuing on a good pace. Questions are expected to arise in the design phase.

The hardware is still on its way. The system identification is halted until it arrives, since measurement data is needed.

1.1 Conclusions from the meeting

- The model will be treated as a grey box (theoretical model identified with data).
- No updates on the hardware front.
- Work on the Kalman filter has been going on as planned.