

Progress report 2023-09-28

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What I've been working on:

I have continued writing the report. Specifically, I have added free body diagrams for the maths model and roughly written up the simulation. I am starting to worry that I will not complete every section before the draft submission, so I would like to ask your advice on what to prioritise.

I have performed additional experiments and the equivalent simulations in order to fill in the gaps in my data.

What I'm working on next:

Model validation:

- I will analyse the experimental data to make conclusions about the accuracy of the simulation and math model.
- I will compare the current readings with the simulated torque.
- I will build new LIMs with a different gear ratio to validate that the model can describe the motion with different gear ratios, however this may only happen after the draft submission.

Writing report:

- I will continue writing up sections of the report so as to be ready for the draft submission.