

Group 7 – team E – Helios

Week 4

4/03/2014

Attendance list

Present at the meeting were; Bram Cludts Jonas De Broyer, Yannick Michiels, Kristoff Fluyt (Meeting leader), Wout Dierickx (report writer)

Agenda

The items to be discussed at the meeting were:

- 1) Discussion about measurements and calculations
- 2) Distribution of tasks
- 3) Design

Discussion

- 1) We noticed there was a problem with our measurements. The short circuit current was about 0,4 A, while the next measurements were situated around 0,2 A. This meant that the calculated values weren't consistent with our measured values. After consulting our coach, we decided to use the calculated values for further calculations.
- 2) Analytic calculations: Jonas De Broyer; Matlab/Simulink: Jonas De Broyer, Kristoff Fluyt and Bram Cludts; Process report: Kristoff Fluyt; Technical report: Yannick Michiels; Error analysis solar panel calculations: Wout Dierickx.
- 3) We have discussed the design. We will guide the car mechanically by adding extra wheels to the sides. On the other hand, the car will only have three wheel to driver on. How we will protect the car during collision and how we will transfer energy to the ball is still open for discussion.

Summary task list last week

- 1) Going to seminar
- 2) Feedback from coach
- 3) Bezier-curves final
- 4) Analytic calculations

To-do list next week

- 1) See second item of discussion

Date next meeting

11/03/2014