



Meeting report n° 7(Friday)

Attendance

Name	Function
Michiel Eecker	Teamleader
Jisca Boogaerts	Secretaresse
Arnout Dejans	
Arnout Van Tricht	
Rik Dendal	
Gertjan Geelen	

Absent

Name	Reason
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Agenda

- Feedback Case 1 and Case Simulink
- orders

Agenda discussion

- Feedback Case 1 and Case Simulink

There were some mistakes in our report.

- diode factor: Because the diode factor is always between 1 and 5 we didn't have to take the values lower than 1 into account when we calculated the average.
 - Bisection method: The value $C_e \cdot \phi \cdot 60$ was given in the slides as $C_e \cdot \phi$, the factor 60 was already included. We didn't know so our values were wrong.
 - Sankey diagram: for the loss of the motor we took an efficiency of 84% (found in the datasheets) but we needed to calculate the right value ($P=I^2 \cdot R$)
- Orders

During Easter break we need to actually order servo's, axles,..

Future Meeting

Friday 16/04/2013