Guidelines for Writing the Report
Robot Programming and Control for Human Interaction

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This document presents guidelines for writing the simulation exercise report for the RPCHI course. You can use any program to write it, but Latex is recommended.

Organization:

- Each student must write a report containing **his/her** solutions to the common parts **and** of the assigned homework part of the tutorial:

    → Common parts: (2.1, 2.2, 2.4, 2.7, 3.1, 3.2, 3.4, 3.7).

    → Individual HW parts: (2.3, 3.3) OR (2.5, 3.5) OR (2.6, 3.6).
    The HW will be assigned to the student by the tutor running the simulation exercise.

- The report must be **physically printed and handed in to Daniel Seidel**. He is the tutor for the practical exercises in Hochbrück (for info: **Daniel.Seidel@dlr.de**).

- The simulation files developed by the student (your .m and .slx/.mdl, not the library) must be zipped and sent by email to: **davide.calzolari@tum.de**

- For the summer semester 2019, the **deadline** for handing in the report and simulation files is: **02.07.2019**.

Format of the report:

- Present all theoretical parts before implementation parts.

- Keep task names as in the tutorial.

- Print one-sided for faster correction.

- The theoretical part can be handed in by printing the relative pages from the tutorial and completing them by hand.

- **Rules for plots:**

  - use white background,
  - use thick lines (e.g. `'linewidth'` ≥ 2),
  - state measurement units (e.g. $q_i[rad], \dot{q}_i[rad/s]$),
  - add a legend,
  - add a short caption/description.

- Not following these guidelines for the format can negatively impact the final grade.

Best Practices:

- In general, every result should be commented.

- Write in a concise way. There is no need to repeat concepts.

- <u>Always</u> state the value of the gains that you are using for a task, and quantify other variables like desired positions and noise.

If you have a problem, you can send an email to:
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Daniel.Seidel@dlr.de
alessadro.giordiano@tum.de.