

43075-01 Probabilistic Shape Modelling

Lecturers

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Introduction 29. March 2022

Discussion -

Exercise 3 — Writing a first part of the report

In this exercise you will start writing parts of the report.

Note: You will likely revise or rewrite the text that you are writing now several times before you submit the final report. This does not mean that you should postpone writing until the end. Writing early helps you understanding the steps you have taken so far, structures your thinking about the problem and also helps you to avoid sitting in front of a blank document shortly before the submission deadline.

3.1. Preparation: Download the template

You can find a LaTeX template with a rough structure on the Adam workspace. Download the template and set up your environment.

We recommend that you use L^AT_EX. You are, however, also free to use any other word processor of your choice. Just copy the structure from the LaTeX template into your document.

3.2. Data section

Write a short section about the data. In particular, report the measurements that were made as part of exercise sheet 1.

3.3. Building the GP section

Write a paragraph in the methods section that describes how you built the GP model in exercise sheet 2. Briefly introduce the necessary theoretical concepts where this seems necessary to understand your arguments. You may want to add a separate (sub-)section for introducing these theoretical concepts.

3.4. Discuss your first model

Describe the experiments you performed, what values of the parameters you chose and how you validated the model. Assess how well your model agrees with prior information.