

Project 1

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Information and coding theory
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Two projects mainly covering the following topics:

- information measures,
- source coding,
- data compression,
- channel coding.

For each project, you have to submit a written (short) report on the Submission Platform (submit.montefiore.ulg.ac.be).

You can already register to the course!

Project 1

This first project focuses on entropies and information measures, and their properties.

The project is mainly divided into two parts:

- Write pieces of code to compute information measures;
- Answer several questions using information measures (and your codes).

The goal of this project is to apply information measures on several practical problems.

Do not forget to...

- answer all (sub-)questions, and
- take the best of it.

- Available by the end of this week on my webpage
- Due by approximately mid-March
- Q&A sessions can be organized after theoretical lectures (if needed)
- Complementary with exercise sessions

How to interact?

For all questions concerning the project or the exercises:

- During Q&A - mainly after theoretical lectures
- On Slack - one workspace for the course (join it with this [invite link](#)*)
- On Lifesize - in the course room

For important questions, you can also reach me by email a.sutera@uliege.be.

* The invite link expires in one week from now. Join the Slack workspace as soon as possible. If the link does not longer work, contact me by email.