

Administrative details

- ① Work in groups of 3 people.
- ② You are required to write your own code for the project. It should be clear and documented.
 - You may use existing libraries (including FEniCS, FreeFem++, etc).
 - You can use Matlab.
 - You cannot use software that solves these problems in a black-box fashion.
- ③ Hand-in your code and answers (as a group) by email.
Deadline: Friday 13.03.2020 at 9:00 am.
 - Answers can be written by hand and scanned (as long as they are easy to read).
 - Your code should be able to run in a departamental computer.

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- ④ On Friday 13.03.2020 (12:30), you will have to give a 15 minutes presentation about your work.

It will be followed by 5 minutes of questions.

- ⑤ For the presentation, you are asked to briefly:
 - Explain the method;
 - explain the implementation and its validation;
 - present and discuss obtained solutions;
 - discuss numerical considerations, computational difficulties, and possible improvements;

Your answers to QUESTIONS 1, 3 and 5 should help you to prepare.

- ⑥ Your work will be assessed by the final presentation and handed-in material (60% presentation + 20% handed-in code + 20% handed-in answers).