Reading Seminar

What makes a good math talk:

- Good choice of material. Have to decide what concepts are going to be defined, what is the main theorem(s) that we want to present, find some interesting examples, and decide for which proof we want to provide details. It has to all fit in one hour!

- Math accuracy. Sometimes it might be acceptable to be a little sloppy "to give the idea", but most of the time we have to give precise definition, precise statements with all assumptions.

- Pedagogy. Don't be too formal, and remember that you have to explain the material. Examples and pictures are often useful to convey the main ideas. Think of the organization of your blackboard.

- Independance. Don't follow the text too closely. Make choices, change the order, consult other sources. We suggest you to choose one of the "Project" at the end of the chapter and to try to say something about it (should aim at spending 10 minutes on this part). Alternatively, you can also choose to give the solution of some exercises.

Organization:

- On next Thursday (December 8), each one should have chosen two chapters between 3 and 18 (but probably we will cover mostly chapters from 3 to 10, so make at least one choice among these).

- For each talk there will be a referent teacher (Hilion or Lamy). You should explain your choice of material and of exercise ideally one week in advance to the referent teacher. The minimum is an email, but a meeting is much better.

- There is certainly too much material in each chapter for one hour talk:

  If you are two on one chapter, you should discuss between you when preparing the talk, and aim at giving two self-contain interesting talks (a talk with the definition and another one with the result seems a bad idea). We might have the two talks the same afternoon.

  If you're alone on one chapter, you definitely have to make choices: don't try to cover everything!

- Feedback: at the hand of each talk we will try to give general feedback, useful for everyone.