LINEAR ALGEBRA II

Academic year 2022-23: Comments and suggestions

1. **At the beginning of each chapter** some theoretical **lecture notes** (see 2), some **bulletins of exercises** (see 3) and a **collection of problems** (see 4) will be provided. They will be available on the course webpage.

2. The **notes** are intended to be a complement to the theoretical classes and not as a textbook meant for independent study. **The main goal of these notes is that the student can focus on paying attention to the in-class explanations, especially the examples, instead of compulsively copying definitions and theorems that are ALREADY provided in the notes.**

3. **Important :** The **exercises** are very simple applications of the theory and they should not take too long to solve. **They are intended to be solved (almost) daily, as we advance with the theory lectures.** They will not be explained in class unless explicitly requested.

4. **Problems** are mostly taken from exams from previous years. Some of them will be solved in practice classes. By the end of each unit, the solutions of those problems that have not been solved in class will be published.

5. Throughout the course four voluntary assignments will be proposed. They will be worth a maximum of 0.5 points each, to be used in the final exam.

6. It is recommended

    1. To read (at least briefly) the corresponding section of the lecture notes in advance of the theory class.

    2. To try the problems on the bulletins before they are solved in class.

7. It is **STRONGLY** recommended

    1. **To solve ALL exercises** as the theory needed for them is developed in class.

    2. To go over the material in the lecture notes which has just been covered in the theory classes.

    3. **To go over the problems** just solved in the practice classes **and solve new ones.**

    4. **To consult the professor at office hours** about any question that may arise during the course, and not settle for "any" answer.

8. **It is essential**

    1. To have at hand the lecture notes and/or problem sheets during the corresponding classes.

    2. **To solve at least half the problems and all the exercises** proposed for each unit, **until one is sure that all points in their solution are clear.**

9. Some links of interest:

    1. **Teams** (with credentials): It has a very convenient and functional message service which can be used to ask any questions about the subject. Online: https://teams.microsoft.com . Download: https://www.microsoft.com/en-ww/microsoft-365/microsoft-teams/download-app .

    2. **Open webpage of Linear Algebra** (no credentials needed): Contains notes, exercises, problems and links. https://caminos.udc.es/info/asignaturas/grado_tecic/101/AL2/Eindex.html

    3. **Stream** (https://web.microsoftstream.com) UDC video hosting service. Some videos with complementary materials will be published here.