

I have been using the 'Posts' section of the 'A3 Algebra 2 – Rings and Modules' channel in the 'MI – Part A 2020/21 – Courses' team on Teams to put information about the course, but I understand that not all students may be using that. The scheduling of office hours is there, and below I have put a couple of the comments I have already made in case they help with the lectures and notes. Feel free to contact me on [tom.sanders@maths.ox.ac.uk](mailto:tom.sanders@maths.ox.ac.uk) if you have further questions.

30/01/21: A few comments to help with lectures: The first four or five lectures cover material very quickly because there is a lot being recapped rather than strictly new. My handwriting on the iPad is bad and so it may be useful to know that the lectures follow the printed notes very closely and it may be helpful to follow them while listening to what I say in the lectures. After the first few lectures the pace slows because the material is new and the upside of this is that I can write a little better.

04/02/21: I just got the mid-term feedback – thanks for completing that. From that I understand that the correspondence of lecture videos to weeks and problem sheets is unclear so let me explain:

There are 16 lectures, and 4 problem sheets. Roughly speaking the first problem sheet corresponds to lectures 1–4; the second to lectures 5–8; the third to lectures 9–12; and the fourth to lectures 13–16. This correspondence isn't perfect, as later problems do rely somewhat on earlier material and the initial problem sheet goes beyond lecture 4, partly because some of the material in the first few lectures is revision.

The complete electronic notes along with the four problem sheets are up on the website now. I am updating them as I find mistakes, and if you spot any do let me know.

I've also put all the lecture videos up now. Each lecture is about 50 minutes long, but appears in many parts labelled sequentially so Lecture 3, Part 1 to to be watched before Lecture 3, Part 2, and that before Lecture 3, Part 3 etc. The decomposition into parts is not significant, it is the result of the software involved in the recording crashing. I am sorry about that.

Under normal circumstances there would be two lectures a week for each week of the term and this is how I imagined the videos would be watched.

09/02/21: I have uploaded a sheet of extra problems for those who are interested. There is no expectation that you complete these; they are there for interest.

17/02/21: There is a small but important error in the proof of Gauss' Lemma which I have corrected in the new notes. I can explain

this at the office hours if that is something that is of interest.