

README for B5.2 Applied PDEs

Michaelmas Term 2020

The purpose of this document is to keep you up to date with organisational information regarding B5.2 that are not covered elsewhere, such as links and pointers to additional sources of information (such as my handwritten notes), corrections to problem sheets or lectures etc. I will extend an update this document as the need arises, so I recommend checking out this document regularly.

Videos and Handwritten Notes.

The videos for the course are made available via Panopto through the standard mechanism used at the Mathematical Institute for all courses. What I would like to add is some additional comments and sources of information related to the video recordings of the lecture:

- In the videos, you will see me writing a OneNote document. I have made these available for viewing through the following link:

https://unioxfordnexus-my.sharepoint.com/:o:/g/personal/math0515_ox_ac_uk/EITUMRgZNnxHk5rFU9e9NhgBtixvOPz4T6x0JGqC0zfprQ?e=kmeZ83

It is best viewed via the OneNote application in MS windows but also works through any standard browser. Unfortunately, the standard browser view does not allow for a scaling of what you see in the window, but you can either scroll horizontally, or, as Microsoft recommends, use the scaling (zoom out) function of the browser. That function simply reduces the size of anything you see in a particular window, and hence will also work for the OneNote presentation.

- The correspondence between lectures and PS is roughly 1 PS for every 4 lectures.
- There are only 15 videos for lectures, so there is no need to hunt for a video for lecture 16! Also, some lectures are quite a bit shorter in total than 50 minutes, but it is the same material I taught last year in the

lecture rooms, in fact, if anything it is slightly more. Writing on a board is just slower and moreover, I usually needed a good chunk of the lectures given in class to recapitulate what I did last time. As you can always go back to the previous video, I have skipped this recapitulation part in the online version.

- Most lectures are split into shorter parts, e.g. lecture 3 has parts 1-3. The OneNote document typically has one section per lecture and within this section one page per part. So the OneNote notebook section for lecture 3 has 3 pages, and there are three videos on Panopto. The exception is the first lecture. That one has one video put two parts in the OneNote document.