This course has been considerably updated and modified from last year. There are printed notes which are available on the course page. The content is almost entirely self-contained with minimal topological prerequisites; these are described in more detail at the start of the notes. I have recorded lectures on my iPad and they will shortly (as at 07/04/21) be available on Panopto. They are numbered in order, Lecture 1 to Lecture 15 and are all around 50 minutes. Occasionally my iPad crashed or there was some other interruption and the lecture is split. In these cases they are labelled Lecture ##, Part 1, and Lecture ##, Part 2, and are to be watched in that order. The idea is that these lectures correspond to a course of two lectures per week as would usually happen.

This is an MFoCS course, and to make it more interactive I have produced four problem sheets. They are roughly on consecutive quarters of the course, though later sheets assume familiarity with earlier material. There are more problems on the first sheets than the later sheets with a mind to the fact that focus will switch to a mini-project at the end of term.

I will organise (and give) tutorials if numbers are small enough, and if not then examples classes. To this end please send me an e-mail (tom.sanders@maths.ox.ac.uk) if you are taking this course. The tutorials will be an opportunity to go over the problem sheet questions, but also to discuss lecture material in an interactive way. Indeed, let me emphasise that even if you do not intend to attempt any of the problems I would be very happy to see you in tutorials. Depending on how COVID relaxation goes these may be online or in person, but I do not expect there to be any pressure on you to meet in person if that is not something you wish. I expect we shall be able to discuss these matters and accommodate many preferences.

Finally, please don't hesitate to get in touch with any questions. I am very happy to go through any parts of the course again, particularly in an interactive setting if that is useful. I hope you enjoy the course!