Lectures and Classes

There will be 16 lectures: Wednesdays at 9am [L5] and Thursdays at 9am [L5].

Those undergraduates taking the course as C6.3 will have 6 classes, each of 1 hour and revision classes in Trinity Term.

Those MMSC student taking the course as a Special Topic should arrange to see me for advice and guidance on their Special Topic.

The core text for the course is LNT’s book (generally denoted ATAP), you definitely need access to a copy, and you need to use Matlab to complete all of some class exercises.

Classes will be organised as follows

Undergraduate Classes
Class 1: Tutor: Almut Eisenträger TA: Mohsin Javed  
      Fridays, weeks 2-6,8, 2pm-3pm, C5. Hand in by noon, Wednesday before class.
Class 2: Tutor: Almut Eisenträger TA: Mohsin Javed  
      Fridays, weeks 2-6,8, 3pm-4pm, C5. Hand in by noon, Wednesday before class.
Class 3: Tutor: Ian Sobey TA: Hadrien Montanelli  
      Wednesdays, weeks 3-8, 11am-12noon, G4, Kendrew Quadrangle, St John’s College. Hand in by noon monday before class.

References

1. Trefethen, L.N. 2013 Approximation Theory and Approximation Practice (SIAM)
2. Powell, M.J.D. 1981 Approximation theory and methods (CUP)
3. Davies, P.J. 1975 Interpolation and Approximation (Dover)
5. Cheney, E.W. Introduction to Approximation Theory (AMS)
Course Material

In addition to any material posted on the maths website I will post my lecture notes, example sheets, my solution to past exam papers and any other course material on

http://info.sjc.ox.ac.uk/scr/sobey

While examinations will not involve Matlab, the class exercises do and using Matlab for some class exercises is essential.

My email address is ian.sobey@maths.ox.ac.uk

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