

**APPM 5430 Upcoming lectures—estimate**

**Students will lecture on course material: 30-40 min**

Mon Oct 21– MJA: finish computational methods: ch 3.8, Begin contour integration, ch 4.1,4.2; mja notes: 171-175; 176-185

Wed Oct 23– MJA: ch 4.2, 4.3, Applications of contour integration, mja notes: 186-199

Mon Oct 28– i) Amanda Mason: ch 4.4, Argument principle, mja notes: 200–207

Mon Oct 28– ii) Andrew Mahon: ch 4.5, Fourier transform, mja notes: 208-216

Note: we will skip Fourier sine/cosine transform: mja notes p. 217-219

Wed Oct 30– i) Noah Francis: ch 4.5 ,Fourier-Laplace transform: mja notes: 220-227

Wed Oct 30– ii) Doug Brunson: ch 4.5, Applications: transforms to solve DEs: mja notes: 228-235

Mon Nov 4– i) Aiden Bohenic: ch 4.5, Applications: transforms to solve DEs : mja notes: 236-240, 243-245

Mon Nov 4– ii) MJA: ch 5.2-5.3, Conformal mapping, mja notes: 246-254

This information was supplied by:

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