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## NOTES FOR THE FINAL EXAM-- 2012

The final exam will be held in the usual classroom (Cudahy 313) on Saturday, 5 May 2012 from 1 - 3 pm. I will allow additional time to complete the exam as possible, but not more than 30 additional minutes. This will be a closed note exam; calculators/laptops/abacuses will not be allowed during the exam. Please turn off all cell phones, Npads, Npods, blackberries or other electronic devices prior to the exam. Whatever equations/results/formulae you need will be provided on the exam, with the possible exception of results I expect you to know (like how to differentiate, how to integrate polynomials, and the solution to simple ODEs like  $y'' + y = 0$  or  $y'' - y = 0$ ). The equation/results sheets from the two hour exams should give you a very good idea of what the final exam list will be.

The exam is comprehensive so the exam may fairly draw upon any material covered in class, computer lab, readings from Boas or from classnotes. I anticipate that a rough (stress, rough) breakdown of the exam will be : approximately 15 % of the test will be Mathematica based questions, 15 - 20 % of the test will cover partial differential equations (since those have not appeared on any hour exam), and material from the first two tests making up the rest of the exam in roughly equal measure (i.e., about as much material from the first test as the second). Let me repeat that these are approximate breakdowns, but should be accurate enough to allow you to allocate your study time.

My office hours next week will be :

- M 2 - 4
- W 10 - 12
- $\theta$  3-5
- F 10 - 3