

INSTRUCTION TO THE WRITTEN PROJECT

MATH 241

The written project is going to give you a chance to earn some extra credit if you are not satisfied with the performance in midterm. You can choose any topic on the application of what you learned in Math 241 and write a survey article, and I have also posted a list of possible topics in my head. I will decide how much extra credit you can have based on the topic's interest, the correctness and depth, as well as the organization of the article. Your report should mention the meaning of the mathematical theory, formula or equation, its connection with the other field you have chosen, and the mechanism behind this application. If the topic you choose is within mathematics, you should explain at least of plan of the proof, examples, and also tell the connection with other branches of mathematics. The length should be 3-6 pages, 1.5 spacing.

You can earn up to 8 points in the final grade if you write an excellent report. Do not copy from wiki or books; I want you to show your own understanding on the topic, and write everything down in your own organization. No credits will be given at all if there is heavy copying. If I cannot tell whether you really understand from what you write from the report, I reserve the right to talk to you and ask you questions.

This written project is completely optional, and to earn the credit you need to pay substantial efforts, if you feel difficulties in the course materials and time and energy are limited, please balance this with working on the course. The due date for this project is on the date of the final exam, Aug. 09.