

PMU 199 Mathematical Explorations
Assignment 4

Prof. McCann

Due: Thursday Oct 14, 2010

I will be available by appointment in ten minute intervals during the hour following class next Thursday Oct 14, and from 15h10-17h30 on Friday Oct 15 to discuss projects. I can also see people during my office hours Oct 12. Please sign up for a time on the appointment sheet circulated in class Oct 7.

REMINDER: You must communicate the topic of your project and at least two relevant references to me by Oct 15.

EXTRA HELP: Until further notice, Dr. Moradifam has kindly volunteered to make himself available on Mondays and Tuesdays for consultation on a by appointment basis (amir@math.toronto.edu). If there is sufficient demand, he may elect to schedule a weekly office hour instead.

NOT TO BE HANDED IN:

Read Sections 5.1 and 5.2.

Problems:

§5.1 # 13, 19, 20, 22, 31 and, as a bonus, # 8

§5.2 # 14, 16, 22, 39

Be prepared, as usual, to be quizzed on this material.

TO BE TURNED IN Oct 14:

§5.1 # 7, 14, 35 (note the figures for #34 and 35 got interchanged by accident in the 3rd edition of Heart: thus the figure with 34 should have been printed with 35 and vice versa; they are correct in the 2nd edition)

§5.2 # 12, 17