## MA 310 001, Spring 2011.

- Continue working on set 1.2 and 1.3.
- Wednesday, 2 February 2011, read "Can you check the result?" pp. 59-61.
- Friday, 4 February 2011 read "Notation" pp. 134–141 from Polya.
- Wednesday, 9 February 2011, choose one of the sections from Polya's Dictionary of Heuristic and use one of the problems from class to illustrate the advice from that section. I expect that you will hand in approximately two hand-written pages.

If you have trouble getting started, I suggest that you try one of the following sections: Auxiliary problem, Can you check the result?, Can you derive the result differently, Determination, hope, success, Did you use all the data?, Generalization, Here is a problem related to yours and solved before, Variation of the problem. The entry on Induction and mathematical induction may not be used for this assignment.

- Friday, 9 February 2011. Hand in #6 and 9 from section 1.2.
- I would like to make a few small adjustments to the syllabus.
  - 1. Please write on only one side of the paper for your homework.
  - 2. I will give occasional quizzes on reading assignments and the quizzes will be included in the "participation in in-class" discussions part of the homework.
  - 3. Late assignments will be accepted, but 20% of the score will be deducted for each day that the assignment is late. This will not apply to students who are ill.

January 30, 2011