

**MAT 512 HOMEWORK 3. DUE AT THE BEGINNING OF CLASS ON MONDAY,
FEBRUARY 14**

One goal for this course is for you to develop your skill in effectively communicating mathematics. With this in mind, you should clearly write up your solutions. A solution with little or no justification will receive little or no credit.

- (1) Please continue reading through page 60 in the book.
- (2) Do exercise 3.11, at least parts 3 - 5.
- (3) Do exercise 3.13, at least parts 5 - 6.
- (4) Do exercise 3.14 part 2 and 3.15 part 2.