MAT 512 HOMEWORK 4. DUE AT THE BEGINNING OF CLASS ON MONDAY, FEBRUARY 21

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 80 in the book.

(2) Do exercise 4.11.

(3) Give a complete solution, with proof, to the (a, m)-accessibility problem. This is Theorem 4.10 in your book. You can use the outline in exercise 4.12 or come up with your own *proof*.