Homework Assignment # 6

Math 440/540
Kaul
Winter 2015
Due Friday, March 13

Instructions: To receive full credit, each solution must be neat and legible. Explain your reasoning fully and use complete sentences – an answer without an explanation will receive no credit. Staple the homework sheet to the front of your work.

1. G & G p. 117 # 2
2. G & G p. 121 # 2
3. G & G p. 121 # 3
   There is a typo in the book: In the definition of $F$ it should say $F(x, 0) = x$ and $F(x, 1) = x_0$
   for all $x \in X$.
4. G & G p. 121 # 6
5. G & G p. 123 # 2
6. G & G p. 123 # 3
7. G & G p. 140 # 7