## ADVANCED CALCULUS, Math 127 B Homework 1 Due Friday January 16

ANNOUNCEMENT: Office hours have been changed to Monday's and Wednesday's only.

- 1. Exercise 23.1
- 2. Exercise 23.4
- 3. Exercise 23.8
- 4. Exercise 24.2
- 5. Exercise 24.10. What happens with the conclusion of part (b) if  $f_n$  and  $g_n$  are bounded functions for all n?
- 6. Exercise 24.17. Is the converse of this true?
- 7. Exercise 25.5