

18.100A Fall 2012: Assignment 18 due Wed. Nov. 14

The rules are the same as for previous assignments.

Reading: 22.1, 22.2

Uniform convergence for sequences and series of functions. The M-test for series.

1. (1) 22.1/1a
2. (2) Same as 22.1/1, for $\frac{n^2x}{1+n^2x^2}$, $[a, \infty)$, $a > 0$.
3. (2) 22.1/3
4. (2) 22.2/2b
5. (2) 22.2/2d
6. (1) 22.2/4