Math 1120 Homework Assignment 11

Due week of April 20, 2018

You should do the problems from the book first and check your answers to be sure you understand the methods. You are responsible to do all problems. Hand-in starred problems only.

§10.4 2, 5, 6*, 10*, 12, 20, 26*

Other problems: Determine whether the following series converge or diverge.

C* \( \sum_{n=1}^{\infty} \frac{\sin(\pi n^2)}{n^{1/2}} \)

D* \( \sum_{n=1}^{\infty} \frac{n^{15} - 1}{6n + n^{16}} \)

E* \( \sum_{n=1}^{\infty} \frac{(n!)^2}{(2n)!} \)