Math 427   Autumn 2019
Homework 6   **Due Wednesday, November 27**

Section 3.2: 1, 9, 10

Section 3.3: 2, 3, 4.

Section 3.4: 3, 4

Additional problems:

1. Show that $a_k = 0$ if k is an even number for the power series expansion $\tan(z) = \sum_{k=0}^{\infty} a_k \, z^k$ about $z_0 = 0$,

2. Find a_1 and a_3 for $\tan(z)$ in problem 1.