

Spring 2019, Math 596: Preliminary Problem Set 10
Due: Thursday, April 11th, 2019
Introduction to Generating Functions

Preliminary problems. These problems should be completed before discussion on Thursday.

(P1) Let $A(z) = \sum_{n=2}^{\infty} z^n$. Notice the starting term!

(a) Write out the first 4 terms of $A(z)A(z)$. You do *not* need to find a general form.

(b) Write out the first 4 terms of $A(A(z))$. You do *not* need to find a general form.