Math 535: Complex Analysis – David Dumas – Spring 2016

Homework 13

Due Monday, April 18 at 4:00pm

- (—) From the textbook:
 - Section 5.2.5(p206): #3
 - Section 5.5.5(p227): #1, #2, #3
- (P1) Let $\Omega \subset \mathbb{C}$ be a region and fix a real number M > 0. Let \mathscr{F} be the set of all analytic functions in Ω such that

$$\iint_{\Omega} |f(z)|^2 dx dy \le M.$$

Show that \mathscr{F} is normal.