

Math185, Fall-2016 Homework 2

Due date: September 22, in class

Solve the following problems from *Complex Variables and Applications* by Brown and Churchill **9ed.**

Problems:

18.5, 18.9, 18.10, 18.11, 20.4, 20.8, 20.9

Solve 24.1 (c), (d) by using Cauchy-Riemann equations, and alternatively as we did in class by showing that these functions depend on \bar{z} .

24.3(a), 24.3(b), 24.7

26.1(d), 26.1(c) - by Cauchy-Riemann and by checking dependence on \bar{z} .

27.4, 27.5, 27.6