

MA 713
Reading and Exercises
Week ending April 13

Reading:

Class 34 (4/11): Ahlfors pp. 187–190

Class 35 (4/13): Ahlfors pp. 191–193

Exercises to be submitted for grading on Friday, April 20:

Leftover exercises

Ahlfors Exercises 3 (a)–(c) on p. 161

Ahlfors Exercise 3 on p. 174

Class 33 (4/9):

Additional Exercise 9: Let $\overline{\mathbb{D}}_r = \{z \mid |z| \leq r\}$. What is the Laurent expansion of a univalent analytic function $f : \mathbb{C} - \overline{\mathbb{D}}_r \rightarrow \mathbb{C}$ such that $f(\infty) = \infty$?

Class 34 (4/11):

Ahlfors Exercise 2 on p. 190 (hard)

Class 35 (4/13):

Ahlfors Exercise 2 on p. 193