

MA 713  
Reading and Exercises  
Week ending February 2

Reading:

Class 6 (1/29): Ahlfors pp. 42–47, pp. 49–67 (depending on background), and pp. 67–72

Class 7 (1/31): Ahlfors pp. 73–78

Class 8 (2/2): Ahlfors pp. 78–83

Exercises to be submitted for grading on Friday, February 9:

Class 6 (1/29):

Ahlfors Exercise 8 on p. 47

Class 7 (1/31):

Ahlfors Exercise 4 on p. 78

Class 8 (2/2):

Ahlfors Exercise 6 on p. 83 (hard)

Optional exercises:

Class 6 (1/29):

Ahlfors Exercises 3, 4, and 6 on p. 47

Class 7 (1/31):

Ahlfors Exercises 2 and 3 on p. 78 (As far as I can tell, the statement of Exercise 3 is not as clear as it should be, but you should be able to reinterpret it.)

Class 8 (2/2):

Ahlfors Exercises 1 and 2 on p. 80

Ahlfors Exercise 7 on p. 83 (Exercises 6 and 7 on p. 83 are related to a conformal invariant called the modulus of an annulus.)