

Math 7350 @ LSU  
Stephen Shipman  
Final Exam Preparation  
Fall, 2013

The final exam will be based on the problems below and will not attempt to span the material in the course. These problems involve infinite sums and periodic functions of a complex variable and related ideas.

1. Exercise 7 from Chapter 4 of Stein/Sharkarchi on page 128.
2. Problem 2 from Chapter 9 on page 281.
3. Construct doubly periodic functions of a complex variable that are analytic except at essential singularities.
4. Exercise 2 from Chapter 9 on page 278.