

Assignment 4: due Thursday Mar 4

1. Do from pages 99–100, #1, 2, 4, 7. To #1, add: either prove that the statement about rectifiable curves remains true when f is only assumed to be C^1 (i.e., not complex analytic), or give a counterexample. While doing #7, remind yourself how amazing it is that we can count solutions of analytic equations by performing the appropriate integration.

2. Do from pages 110–112: #1 b,c,e,j; #6, 12a, 13a,b,c, 14, 16.