

MATH 114 ASSIGNMENT 7, FALL 2015

Due in class on Friday, October 23

Part 1. Read Thomas 15.2–15.6. The concepts/notions in 15.6 come from physics. To solve problems about them, you only need to know the definitions—and do the integrals.

Part 2. Do and write up the following problems, from Thomas and old final exams.

15.2 Exercises 54, 64, 66

15.3 Exercise 26

15.4 Exercise 48

15.5 Exercises 32, 36

15.6 Exercise 22.

S11 Math 114 Final Exam, Spring 2011, problem 12.

F12 Math 114 Final Exam, Fall 2012, problem 7.

F13 Math 114 Final Exam, December 17, 2013, problem 8.

S14 Math 114 Final Exam, May 5, 2014, problems 6, 7.