

Math 118 – Week 15
Fall Term 2003
BUCKMIRE

Monday December 1 *Class 35:*

We will introduce Fourier Series, our final topic. Fourier Series use information about a function on one period, to approximate the periodic function EVERYWHERE. (As opposed to Taylor Series, which use information about a function at one specific point to approximate the function everywhere.)

Reading:

Smith & Minton, Section 8.9: 703-718

Homework #22 (4 points):

Smith & Minton, page 715: 15, 17, 25, 28, 29, 39, 40

Due: Class 36

Wednesday December 3 *Class 36:*

Putting it all together! How many different ways can you think of to solve an initial value problem?

Thursday December 5 Lab

REVIEW for Final Exam!

Friday December 6 *Class 37:*

Woo hoo! We're done! Part-tay! Anyone have left-over meal plan money? Bring snacks to class and we can chat and chow down about how expectations met reality for the class.