

# Homework Assignment #3

MAT 335 – Chaos, Fractals, and Dynamics – Fall 2013

Due: October 16
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Submit your solutions to the following problems from the textbook.

**Chapter 6.** 1(a,b,g), 3, 4, 5, 6, 7, 10, 11

**Hint for 6.1(g)** Do not forget to define  $\varepsilon > 0$  and the open interval  $I$ .

**Hint for 6.10.** Find the 2-cycle for  $F_\lambda$  and prove that it is attracting.